KAISER•HILL
COMPANY

FINAL
PROPOSED ACTION MEMORANDUM FOR IHSS 101 AND RCRA CLOSURE OF THE RFETS SOLAR EVAPORATION PONDS

Prepared by:

Kaiser-Hill Company, L.L.C.

• Environmental Restoration •
Rocky Flats Environmental Technology Site

DEC 2003
RECEIVED
RECORDS CENTER

April 2003

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

ADMIN RECORD

1
782

FINAL
PROPOSED ACTION MEMORANDUM FOR IHSS 101 AND RCRA CLOSURE OF THE RFETS SOLAR EVAPORATION PONDS

April 2003

2

TABLE OF CONTENTS

1.0 INTRODUCTION 1
1.1 Purpose and Objective 3
1.2 RCRA Closure Requirements 3
2.0 SITE DESCRIPTION 5
2.1 Solar Evaporation Ponds 6
2.2 Other Units, PACs, and IHSSs 20
3.0 NATURE AND EXTENT OF CONTAMINATION 24
3.1 Groundwater Contamination 25
3.2 Soil Contamination 27
3.3 Liner Contamination 30
4.0 FUTURE LAND USE 30
5.0 EVALUATION OF RISKS 31
6.0 6.0 CONCLUSIONS 32
6.1 6.1 RCRA Closure 33
6.2 IHSS 101 35
6.3 Summary 35
7.0 ENVIRONMENTAL IMPACTS 35
7.1 Air Quality 37
7.2 Surface Water 38
7.3 Groundwater 38
7.4 Ecological Resources 39
7.5 Soil and Geology 39
7.6 Human Health and Safety 39
7.7 Irreversible and Irretrievable Commitment of Resources 40
7.8 Cumulative Impacts 40
8.0 LONG TERM STEWARDSHIP 41
8.1 Current Site Conditions 41
8.2 Proposed Action Memorandum Measures 42
8.3 Monitoring 42
8.4 Stewardship Actions and Recommendations 42
9.0 BEST MANAGEMENT PRACTICE ACTIONS 43
9.1 Worker Health and Safety 44
9.2 Water Management 44
9.3 Air Quality Management and Monitoring 45
9.4 Waste Management 45
10.0 ADMINISTRATIVE RECORD 45
11.0 RESPONSIVENESS SUMMARY 47
12.0 REFERENCES 47

3

ATTACHMENTS

Attachment I Data Adequacy Evaluation
Attachment II Human Health Risk Assessment, Solar Evaporation Ponds
Attachment III Comment Response Summary

LIST OF TABLES

Table 2-1 Solar Evaporation Pond Designations and Status (Source: DOE, 1992a.) 10
Table 2-2 Completion Table For the SEP 20
Table 2-3 RCRA Unit Dimensions 22
Table 6-1 Completion Table III 36

LIST OF FIGURES

Figure 2-1 Site Map With SEP Area Delineated 7
Figure 2-2 Chronological History of Pond Construction, Operation, and Removal 8
Figure 2-3 Solar Evaporation Ponds and Associated Components 19

4

ACRONYMS AND ABBREVIATIONS

AHA	Activity Hazard Analysis
AL	action level
ALARA	As Low As Reasonably Achievable
ALF	Action Levels and Standards Framework
Am	americium
AOC	Area of Concern
AR	Administrative Record
BMP	best management practice
BZ	Buffer Zone
CAD/ROD	Corrective Action Decision/Record of Decision
CCR	Colorado Code of Regulations
CDD	Closure Description Document
CDH	Colorado Department of Public Health
CDPHE	Colorado Department of Public Health and Environment
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
CHWA	Colorado Hazardous Waste Act
CID	Cumulative Impact Document
COC	contaminant of concern
Cs	Cesium
DOE	U.S. Department of Energy
dpm/kg	disentegrations per minute per kilogram
EDE	effective dose equivalent
EPA	U.S. Environmental Protection Agency
ER	Environmental Restoration
ER RSOP	Environmental Restoration RFCA Standard Operating Procedure for Routine Soil Remediation
FY	Fiscal Year
GIS	Geographic Information System
GPR	Ground Penetrating Radar
GS	gauging station
HASP	Health and Safety Plan
HHRA	Human Health Risk Assessment
HI	Hazard Index
HRR	Historical Release Report
HSWA	Hazardous and Solid Waste Amendments
HQ	Hazard Quotient
IA	Industrial Area
IAG	Inter-Agency Agreement
IASAP	Industrial Area Sampling and Analysis Plan
IHSS	Individual Hazardous Substance Site
IM/IRA	Interim Measure/Interim Remedial Action
IMP	Integrated Monitoring Program
ISMS	Integrated Safety Management System
ITS	Interceptor Trench System
IWCP	Integrated Work Control Program

5

ACRONYMS AND ABBREVIATIONS

JHA	Job Hazard Analysis
K-H	Kaiser-Hill Company, L.L.C.
mg/Kg	milligrams per kilogram
mg/L	milligram per liter
mrem	millirem
MSTs	Modular Storage Tanks
NEPA	National Environmental Policy Act
NFA	No Further Action
NPWL	New Process Waste Lines
OPWL	Original Process Waste Lines
OSHA	Occupational Safety and Health Administration
OSWER	Office of Solid Waste and Emergency Response
OU	Operable Unit
PA	Protected Area
PAC	Potential Area of Concern
PAM	Proposed Action Memorandum
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
pCi/L	picocuries per liter
PCOC	potential contaminant of concern
PM_{10}	particulate matter less than 10 micrometers in aerodynamic diameter
ppb	part per billion
PPE	personal protective equipment
ppm	part per million
PRG	preliminary remediation goals
Pu	plutonium
PVC	polyvinyl chloride
Ra	radium
RAAMP	Radioactive Ambient Air Monitoring Program
RCRA	Resource Conservation and Recovery Act
RFCA	Rocky Flats Cleanup Agreement
RfD	Reference Dose
RFETS	Rocky Flats Environmental Technology Site
RFCAB	Rocky Flats Citizen Advisory Board
RFCLOG	Rocky Flats Coalition of Local Governments
RFFO	Rocky Flats Field Office
RFI/RI	RCRA Facility Investigation/Remedial Investigation
RME	reasonable maximum exposure
RMRS	Rocky Mountain Remediation Services
RSOP	RFCA Standard Operating Protocol
SAP	Sampling and Analysis Plan
SEP	Solar Evaporation Ponds
SPP	Solar Ponds Plume
Sr	strontium
SVOC	semivolatile organic compound
SWD	Soil Water Database
SWMU	Solid Waste Management Unit

6

ACRONYMS AND ABBREVIATIONS

TAL	Target Analyte List
TCLP	Toxicity Characteristic Leaching Procedure
TDS	total dissolved solids
TLL	total long lived
TM	Technical Memorandum
TSP	total suspended particulates
U	uranium
UBC	Under Building Contamination
UHSU	upper hydrostratigraphic unit
VOC	volatile organic compound
WARP	Well Abandonment and Replacement Program
WRW	Wildlife Refuge Worker

7

EXECUTIVE SUMMARY

Closure of the Solar Evaporation Ponds (SEP), Individual Hazardous Substance Site (IHSS) 101, at Rocky Flats Environmental Technology Site (RFETS), is proposed under alternative Resource Conservation and Recovery Act (RCRA) interim status closure requirements found in 6 Code of Colorado Regulations (CCR) 1007-3, Section 265.110(d). Alternative closure requirements are proposed because a release from the SEP has occurred, resulting in radiological and hazardous constituent contamination. Releases from other units in the area of the SEP have also contributed to the SEP area of contamination. This alternative approach allows contamination from these units within this area to be evaluated as one Area of Concern (AOC), and allows RCRA closure using a risk-based analysis and compliance with the closure performance standards in 6 CCR 1007-3, Section 265.111(a) and (b). A risk assessment was performed based on identified contaminants of concern (COCs) within the AOC, and these findings are included in this Proposed Action Memorandum (PAM). (The AOC is equivalent to IHSS 101 with a few modifications.)

The risk assessment included an evaluation of existing soil and pond liner material analytical data stored in electronic format in the RFETS environmental Soil Water Database (SWD). The data were collected during previous Phase I field investigations and sitewide sampling programs. The data were then screened and COCs were selected and evaluated to determine the risk posed to proposed future human wildlife refuge workers (WRWs) (DOE et al. 2002). Based on the results of the risk assessment, the cumulative Hazard Index (HI)[1] for non-carcinogenic health effects is well below 1 at 0.04. The total cancer risk[2] to a WRW due to RCRA constituents (for purposes of RCRA closure) is less than 1 excess cancer case per 1 million exposed individuals (1E-06) at 6E-07. The total cancer risk to a WRW due to radionuclides (for IHSS 101) is 5E-06, with the major contributors to risk being americium-241 and plutonium-239/240. Therefore, based on achieving protective media cleanup standards for human health at 1E-05[3] risk to a WRW, no action is necessary for either RCRA or radionuclide COCs due to carcinogenic effects. Corrective action of existing groundwater contamination, including treatment, is addressed in a separate Interim Measure/Interim Remedial Action (IM/IRA) decision document.

Other units within the AOC were removed as a separate action under the Environmental Restoration (ER) Rocky Flats Cleanup Agreement (RFCA) Standard Operating Protocol (RSOP) for Routine Soil Remediation (ER RSOP) (DOE 2002a). (Refer to ER RSOP Fiscal Year [FY]02 Notification #02-08; DOE 2002b.) Specifically, concrete slabs, above-grade lines, segments of belowgrade lines, valve vaults, collection sumps, manholes, electrical control conduit and other utilities, associated support racks, concrete ramps and barriers were removed. To determine whether contamination was present at specific locations where soil or component removal was anticipated, an Industrial Area (IA) Sampling and

[1] The potential for non-carcinogenic effects is evaluated by comparing an exposure level over a specified time period (for example, lifetime) with a reference dose (RfD) derived for a similar exposure period. An RfD represents a level that an individual may be exposed to that is not expected to cause any deleterious effect. The ratio of exposure to toxicity is called a hazard quotient (HQ). An HQ<1 indicates that a receptor's dose of a single contaminant is less than the RfD, and that toxic non-carcinogenic effects from the chemical are unlikely. The Hazard Index (HI) is the sum of the HQs for all chemical(s) of concern that affect the same target organ (for example, liver) or that act through the same mechanism of action within a medium or across all media to which a given individual may reasonably be exposed. An HI<1 indicates that toxic non-carcinogenic effects from all contaminants are unlikely. An HI>1 indicates that site-related exposures may present a risk to human health.

[2] The risk of cancer is described in terms of the probability that an individual will develop cancer by age 70 because of exposure to cancer-causing chemicals. For each chemical of concern, this value is calculated using the daily intake of the chemical from a site (averaged over a lifetime) and the cancer slope factor for the chemical. The resulting value is an estimate of the number of cancer cases expected in excess of those caused by the daily intake of background or non-site related chemical contamination.

[3] A risk level of 1×10^{-5} indicates an excess cancer case in 10 out of 1 million individuals exposed to cancer-causing chemicals at the Site, or a 0.001% individual risk of developing cancer from exposure.

8

Analysis Plan (SAP) (IASAP) Addendum was submitted (IASAP Addendum #IA- 02-07) (DOE 2002d). Soil with contaminant concentrations greater than RFCA Tier I Action Levels (ALs) and associated debris were removed in accordance with RFCA and the ER RSOP. In addition, lysimeters and unnecessary monitoring wells were abandoned, and replacement wells installed as a separate action under the Well Abandonment and Replacement Program (WARP) (Kaiser-Hill 2002a).

Based on applying the alternative closure requirements, the results of the risk assessment indicate RCRA constituents pose less than 1E-05 residual risk for a proposed WRW, and with the completion of the actions performed under the ER RSOP and IASAP, the SEP meets the closure performance standards of 6 CCR 1007-3, Section 265.111(a) and (b). After consultation with the regulatory agencies, it was determined that there is one elevated concentration of lead (121 milligrams per kilogram [mg/kg]) above the ecological AL (97.7 mg/kg). It was determined this lead occurrence will not impact target species. In addition, the radiological contaminants remaining within the SEP AOC soil are all below current RFCA Tier I ALs, a 1E-05 risk to a proposed WRW, and proposed soil ALs. Remaining soil contaminant concentrations are also below proposed ecological ALs. Therefore, No Further Action (NFA) is required for the SEP and IHSS 101. As a best management practice (BMP), the pond berms will be pushed into the ponds, clean fill soil will be brought in; and the area will be regraded and revegetated.

9

1.0 INTRODUCTION

This Proposed Action Memorandum (PAM) decision document serves to close the Solar Evaporation Ponds (SEP), Individual Hazardous Substance Site (IHSS) 101. IHSS accelerated actions and Resource Conservation and Recovery Act (RCRA) unit closures are approved by the U.S. Department of Energy (DOE), Colorado Department of Public Health and Environment (CDPHE) and the U.S. Environmental Protection Agency (EPA) under the Rocky Flats Cleanup Agreement (RFCA) (DOE, et al. 1996). RFCA is both a cleanup agreement under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and a compliance order on consent under RCRA and the Colorado Hazardous Waste Act (CHWA). Therefore, actions associated with IHSS 101 will be completed under RFCA and closure of the SEP will be completed under RCRA.

This PAM also serves as the RCRA/CHWA closure plan for the SEP, which is a RCRA interim status unit. However, since the signing of RFCA in July 1996, EPA amended the RCRA regulations in October 1998 (October 22, 1998, *Federal Register,* 63FR56710), which were adopted by CDPHE in 1999 governing the closure of regulated units (6 Colorado Code of Regulations [CCR] 1007-3, Section 265.110[d]). These new regulations allow regulated units with releases into the environment, such as the SEP, to close under a risk-based approach if other Solid Waste Management Units (SWMUs) have or are likely to have contributed to the release. CDPHE is allowing this flexibility to be used in establishing closure requirements for the SEP, because other units exist in this area, including a portion of IHSS 121 (the Original Process Waste Lines [OPWL]), RCRA Units 21 and 48 (RCRA-stable concrete pads), a portion of the RCRA Permitted New Process Waste Lines [NPWL]; RCRA Unit 374.3), and Potential Area of Concern (PAC) 900-1310 (Interceptor Trench System [ITS] water spill). This alternative approach allows the SEP to be closed under RCRA through the corrective action program, in conjunction with the removal and closure of these other units. This flexibility allows contamination from all of these units to be evaluated as one Area of Concern (AOC) and the removal of contaminated soil to be considered as an alternative to closure by capping the SEP.

Currently, closure-in-place of the SEP is addressed in RFCA Attachment 10, RCRA/CHWA Closure for Interim Status Units, Section I. Closure in place assumes that residual hazardous waste and hazardous waste constituents and liners have not been removed from the interim status unit. Attachment 10 requires closure-in-place using a cap or cover that meets specified design criteria. This PAM proposes to close the SEP in accordance with revised RCRA regulations in 6 CCR 1007, Section 265.110(d) that were promulgated subsequent to the current Attachment 10 (July 1996), which provides for alternative requirements that are protective of human health and the environment. DOE has proposed a modification to Attachment 10 to recognize this regulatory change for other interim status units covered by RFCA as part of a larger package of proposed modifications to several RFCA Attachments (DOE et. al 2002). However, because the proposed modifications to the other RFCA Attachments are still under development, this PAM specifically recognizes the alternative closure method and describes the criteria to be met for SEP closure.

An AOC is defined to include all of these units (as defined above), spills within the SEP area, and the known extent of contamination associated with these units, which becomes the basis for

10

performing a risk assessment (**Appendix A, Figure 1**). The AOC is equivalent to IHSS 101 with a few modifications, which are explained further in Sections 2.1.3 and 5.0. Contamination, for purposes of determining risk, takes into account both radiological and nonradiological contaminants. However, for purposes of demonstrating compliance with RCRA closure, only those nonradiological contaminants, which are considered RCRA hazardous constituents, have been considered. All the RCRA units located in this AOC will be closed either by removal or based on risk.

Existing environmental data[4] used in the risk assessment included process knowledge and data collected during previous studies (for example the Phase I RCRA Facility Investigation [RFI]/Remedial Investigation [RI]). A summary of the risk assessment results is presented in Section 5.0, and the risk assessment process is discussed in Appendix A, including data used (Appendix A of the Risk Assessment).

Other units that may have contributed to the release in this AOC are discussed in Section 2.0 of this PAM. However, specific actions associated with these other units have already been addressed under Environmental Restoration (ER) RFCA Standard Operating Protocol (RSOP) Notification #02-08 and Industrial Area (IA) Sampling and Analysis Plan (IASAP) Addendum #IA-02-07. Completion of the closure/remediation of these units will be documented in a separate closeout report. In addition, existing groundwater contamination is briefly discussed in this document for purposes of defining the nature and extent of contamination and to determine whether additional soil removal could reduce the long-term stewardship obligations of the Solar Ponds Plume (SPP) treatment system. However, corrective action of existing groundwater contamination, including treatment, is addressed in a separate Interim Measure/Interim Remedial Action (IM/IRA) decision document. (Refer to the Final Solar Ponds Plume Decision Document, [DOE 1999a], and its Minor Modification [DOE 2002d].)

ER RSOP Notification #02-08 was submitted to the regulatory agencies in July 2002 for the SEP AOC and approved by CDPHE on July 30, 2002. The purpose of the Notification was to invoke the ER RSOP for the various other units, IHSSs, and PACs that exist within the SEP AOC. The Notification indicated that completing closure by removal for RCRA Units 21 and 48 was conducted in accordance with the existing RCRA Closure Description Document (CDD) for Building 788 (RMRS 1999a). Partial closure of NPWL (RCRA Unit 374.3) was conducted in accordance with Section 6.5.3 of the ER RSOP and the ER RSOP Notification #02-08, which is in lieu of a RCRA CDD. Potential contaminants of concern (PCOCs) for these units were identified based on the same data used in the risk assessment, as well as additional data from Historical Release Reports (HRRs) for Rocky Flats Plant from 1992 to 2001 and the Final Closeout Report for Building 788 (RMRS 1999a).

Soil with contaminant concentrations greater than RFCA Tier I action levels (ALs) and associated debris were removed in accordance with RFCA and the ER RSOP. Soil with contaminant concentrations less than RFCA Tier I ALs was evaluated for additional removal through the consultative process based on risk and using Stewardship and As Low As

[4] Data collected in 2002 as a result of the activities identified under ER RSOP Notification #02-08 and IASAP Addendum # IA- 02-07 were not included in the data set used in the risk assessment.

11

In addition to the submittal of a closure plan, Subpart G requires a facility to be closed in a specific manner. Closure of the SEP will follow the alternative closure requirements as specified in 6 CCR 1007-3, Section 265.110(d).

This PAM proposes to close the SEP using alternative requirements for closure under 6 CCR 1007-3, Section 265.110(d), which allows all or part of the Subpart G-Closure and Post-Closure requirements for regulated units to be replaced. The alternative closure requirements must protect human health and the environment by meeting the closure performance standards of 265.111(a) and (b). However, three criteria must be met in order to apply these alternative requirements:

1. The regulated unit[5] must be situated among SWMUs;[6]

2. A release has occurred; and

3. Both the regulated unit and one or more SWMUs are likely to have contributed to the release.

Therefore, to demonstrate that the SEP qualifies for closure in accordance with these alternative requirements, the following information is provided:

- The SEP are considered a regulated unit in that the ponds are surface impoundments that received hazardous waste until 1986 (after July 26, 1982).

- Situated among the SEP is a portion of IHSS 121 (OPWL), RCRA Units 21 and 48 (concrete pads brought to RCRA stable), a portion of RCRA Unit 374.3 NPWL, and PAC 900-1310 (ITS water spill).

- OPWL, NPWL, and RCRA Units 21 and 48 qualify as SWMUs.

- A release has occurred in this area.

- The SEP, a portion of OPWL, PAC 900-1310, and RCRA Units 21 and 48 are likely to have contributed to the release in this area.

- It is not necessary to apply the closure requirements of 6 CCR 1007-3, Section 265 Subpart G, because a risk assessment is presented in this PAM to ensure protection of human health and the environment. For purposes of managing risk, additional actions in this area have occurred under the ER RSOP and IASAP to ensure protection of human health and the environment.

[5] A regulated unit is defined as a surface impoundment, waste pile, land treatment unit, or landfill that receives hazardous waste after July 26, 1982 (6 CCR 1007-3, §264.90[a][2]).
[6] SWMUs are defined as any unit at a facility from which hazardous constituents might migrate, irrespective of whether the units were intended for the management of solid and/or hazardous waste. (July 24, 1987, EPA Memorandum Office of Solid Waste and Emergency Response [OSWER] 9502.1987 (07), RCRA/Superfund Hotline Faxback #12984; as explained in the July 15, 1985, Hazardous and Solid Waste Amendments [HSWA] Codification Rule.)

RCRA Unit 48 has interim status and both RCRA Unit 21 and a portion of NPWL are permitted. Each of these units qualifies as a SWMU in that hazardous constituents may have migrated from the units. The definition of a SWMU is intended to include those types of units that have traditionally been subject to regulatory controls under RCRA, such as container storage areas and tanks.[7] Although PAC 900-1310, which is described as a one-time spill of ITS water, does not qualify as a SWMU, this area was evaluated based on risk and the location of the spill within the AOC. (SWMUs and corrective actions were not intended to include one-time accidental spills that cannot be linked to a discernible SWMUs.[7])

Based on the demonstration that the SEP qualify for applying alternative closure requirements, the alternative closure requirements are defined as:

- Achieve protective media cleanup standards for human health at a1E-05 lifetime excess cancer risk for a WRW, and ensure that the concentration of contaminants in soil do not exceed a Hazard Index (HI) of 1 for a WRW;
- Ensure that contaminants that exceed the ecological ALs for target species (listed in Table 3, Attachment 5 of the RFCA Modification [DOE et. al. 2002]) don't pose an unacceptable hazard considering the target species and the exposure unit for that species, and the location, areal extent, and concentration of contamination, and
- Comply with the closure performance standards in 6 CCR 1007-3, Section 265.111(a) and (b)

To demonstrate successful closure of the SEP, Section 6.1 of this PAM discusses the performance standards in relation to the risk assessment (Section 5.0 and Appendix A), and the accelerated actions conducted under the ER RSOP (Section 2.0).

2.0 SITE DESCRIPTION

The Rocky Flats Environmental Technology Site (RFETS) is a government-owned, contractor-operated facility formerly used for the fabrication of special nuclear materials for national defense. The 6,550-acre site is located in Jefferson County, Colorado, approximately 16 miles northwest of Denver. The site occupies approximately 10 square miles.

Centrally located within the RFETS boundary is a 400-acre security area called the IA. A high-security Protected Area (PA) is located within the IA. The IA contains approximately 400 buildings, along with other structures, roads, and utilities, and is where the majority of RFETS mission activities took place between 1951 and 1989. The remaining 6,150 acres consists of undeveloped land used as a buffer zone to further limit access to the operations area.

[7] SWMUs are defined as any unit at a facility from which hazardous constituents might migrate, irrespective of whether the units were intended for the management of solid and/or hazardous waste. (July 24, 1987 EPA Memorandum OSWER 9502.1987 (07), RCRA/Superfund Hotline Faxback #12984; as explained in the July 15, 1985 HSWA Codification Rule.)

2.1 Solar Evaporation Ponds

Operations at the Site resulted in the generation of process wastewater containing radioactive and hazardous waste constituents that were managed in various waste-processing units. The SEP, located in the northeastern portion of the former PA boundary, were used as some of these waste-processing units (Figure 2-1) from 1953 to 1986. The SEP consist of five current or existing surface impoundments designated as Ponds 207-A, 207-B North, 207-B Center, 207-B South, and 207-C, as well as three original surface impoundment cells (DOE 1988). Figure 2-2 shows the locations and relative dimensions of the original and current SEP, as well as the chronological history of pond construction, operation, and removal. The first pond was constructed in 1953, and the last pond (207-C) was placed into service in 1970.

The operational history of the SEP is summarized below. For information regarding the environmental setting, including geologic, hydrogeologic and ecologic settings, review the following documents:

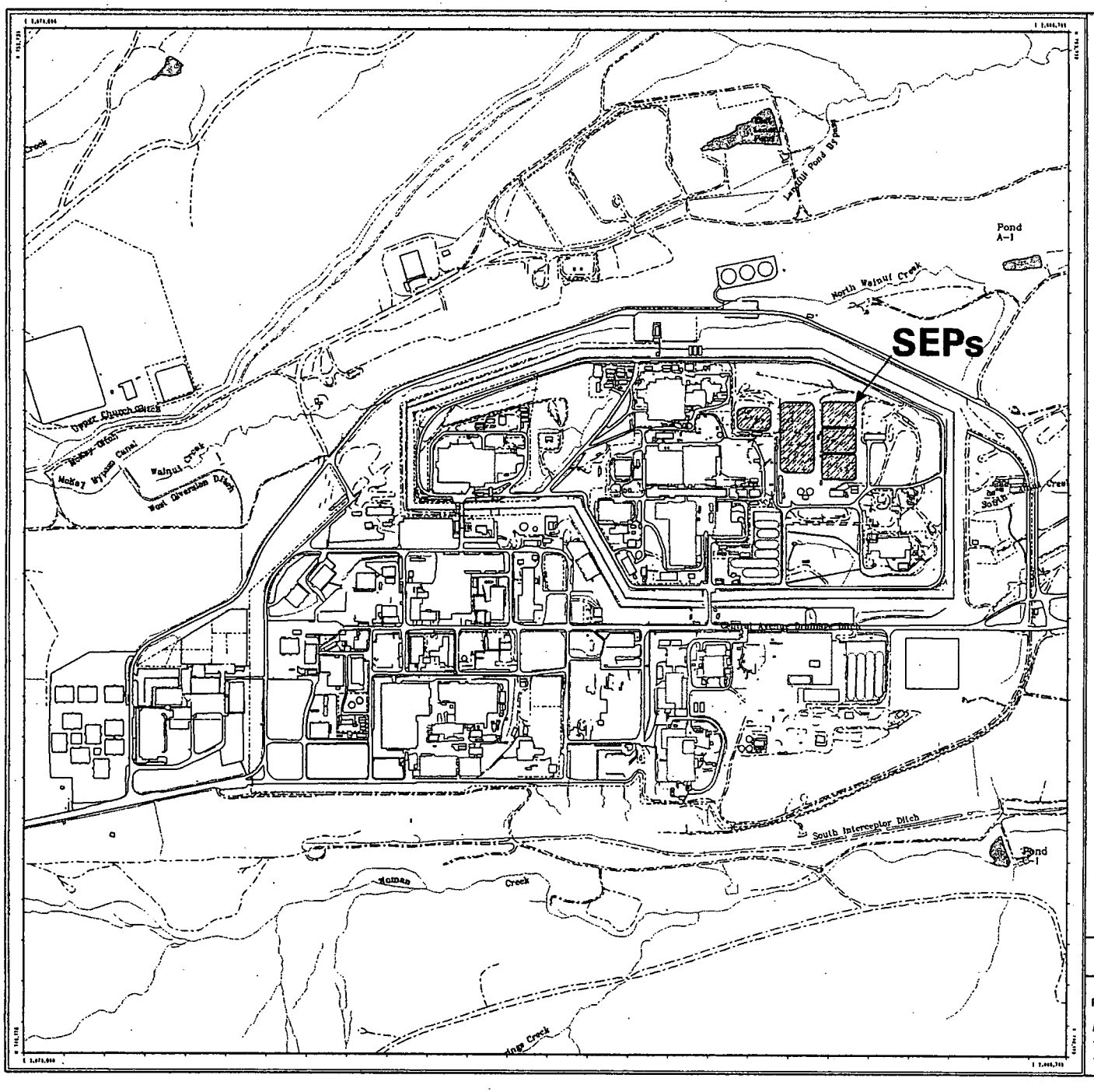
- DOE, 1999 Final Solar Ponds Plume Decision Document;
- DOE, 1995a, Operable Unit 4 Solar Evaporation Ponds, Interim Measure/Interim Remedial Action Environmental Assessment Decision Document;
- DOE, 1997, Cumulative Impacts Document;
- EG&G, 1995a, Geologic Characterization Report for the Rocky Flats Environmental Technology Site, Volume I of the Sitewide Geoscience Characterization Study; and
- EG&G, 1995b, Hydrogeologic Characterization Report for the Rocky Flats Environmental Technology Site, Volume II of the Sitewide Geoscience Characterization Study.

2.1.1 History

The SEP were operated primarily to store and evaporate radioactive process waste and neutralized acidic process waste containing mostly low concentrations of radionuclides and high concentrations of nitrate and aluminum hydroxide from 1953 to 1986. The SEP were used to manage liquid process waste having less than 100,000 picocuries per liter (pCi/L) total long-lived alpha activity (DOE 1992a). Specific materials placed into the SEP include:

- Radioactively contaminated aluminum scrap;
- Leachate from the sanitary landfill;[8]
- Alcohol wash solutions;

[8] Leachate from the RFETS Sanitary Landfill was placed into the SEP until January 1974 (Rockwell 1988). (The Present Landfill began operations in 1968.) At this time, analysis indicated phenol, tritium, strontium-90, plutonium, americium, total long-lived (TLL) alpha, and nitrate were present in the leachate (DOW 1974). All of these constituents have been included in historical sampling and analysis programs at the SEP. Of these constituents, phenol is the only RCRA constituent and it has never been identified as a PCOC or contaminant of concern (COC) for the SEP.



Rocky Flats Environmental Technology Site
Industrial Area

Figure 2-1

Standard Map Features

- Buildings and other structures
- Solar Evaporation Ponds (SEPs)
- Lakes and ponds
- Streams, ditches, or other drainage features
- Fences and other barriers
- Rocky Flats boundary
- Paved roads
- Dirt roads

Scale = 1 : 13340
1 inch represents approximately 1112 feet

250 0 500 1000 ft

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

GIS Dept. 803-966-7707

Prepared by: DynCorp — THE ART OF TECHNOLOGY

Prepared for: KAISER-HILL COMPANY

September 12, 2002

NT_Svr w:/projects/fy2002/02-0606/fig2-1.aml

- Drums of waste radiography solutions;
- Treated sanitary effluent;
- Groundwater collected from the ITS;
- Saltwater solutions;
- Wash water from the decontamination of production personnel;
- Cyanide waste;
- Acid waste; and
- Other compounds such as sodium, cadmium, nitrate, ferric chloride, lithium chloride, sulfuric acid, ammonium persulfate, hydrochloric acid, nitric acid, and hexavalent chromium.

In addition to the above chemicals and compounds, it was reported that lithium scrap was reacted with water adjacent to the SEP, and the solution was transferred to the SEP. Based on these historical records, characteristic (D006) and listed (F00l, F002, F003, F005, F006, F007, and F009) hazardous wastes were placed into the SEP (DOE, 1995a). However, based on additional historical investigation, the following waste codes were potentially received by the SEP: D001, D002, D004,[9] D005, D006, D007, D008, D009, D010, D011, F001 (trichloroethene[10], 1,1,1-Trichloroethane,[10] and Tetrachloroethene[10]), F002 (methylene chloride, and 1,1,2-trichloro-1,2,2-trifluoroethane), F003 (acetone and methanol), F005 (toluene and methyl ethyl ketone), F006, F007, and F009 (RMRS 1996b and 2000).

Routine placement of process wastewater into these ponds ceased in 1986 because of changes in the RFETS waste treatment operations. Leakage from the SEP and related components (for example drainage tiles, leak detection systems, and collection sumps) has contaminated shallow groundwater in the area with uranium and nitrate contaminants. This SPP has migrated down the hillside to the north of the SEP. The primary contaminants in the SPP are uranium and nitrate. (refer to the Final Solar Ponds Plume Decision Document [DOE 1999a]) This decision document was a major modification to the Final Proposed IM/IRA Decision Document for the SEP, OU 4 (DOE 1992a).

Original Solar Evaporation Ponds

The original SEP, also known as Pond 2, was constructed in October 1953 on the existing grade; it measured approximately 200 feet by 200 feet by 6 feet. A clay dike was constructed around the perimeter, and the base of the pond was clay-lined. The operation of Pond 2 commenced in December 1953. Seeps were subsequently discovered along the northern, southern, and eastern dikes. Additional clay was added to the dikes as needed to repair the seeps.

[9] Although historical documents reference this waste code for arsenic, process knowledge and historical documentation also indicate that arsenic was not introduced into any plant process at RFETS.

[10] Although these specific constituents were not listed in the referenced report, the waste codes were identified. Based on the history of processes used at RFETS, it is assumed that these are the applicable constituents associated with this waste code.

In September 1955, a second earthen pond, designated as Pond 2-Auxiliary, measuring 100 feet by 200 feet by 6 feet, was constructed southeast of Pond 2 to maintain operational capacity while plans for a new watertight pond were being finalized. (Pond 2-Auxiliary is referred to as Pond 2C in some documents.) A weir was installed in the southeastern corner of Pond 2 to allow waste to overflow into Pond 2-Auxiliary. The new pond was unlined and leaks were observed along the eastern boundary within the first month of operation.

In August 1956, Ponds 2 and 2-Auxiliary were removed from service upon completion of a new watertight pond (Pond 207-A). These ponds were allowed to dry so that a clay liner could be installed. Completion of the clay liner installation for Pond 2-Auxiliary and Pond 2 occurred in February and March 1957, respectively. The relined ponds were then returned to regular service.

A third clay-lined pond, Pond 2D, was constructed in April 1959 to contain any overflow from Pond 207-A and support denitrification experiments. This third pond was located immediately east of Pond 2, as shown on Figure 2-2.

Routine use of Ponds 2, 2-Auxiliary, and 2D ceased in June 1960 when the B-Series Ponds were placed into service. The only other known discharge to these Ponds after June 1960 occurred in March 1963.

During April 1961, drainage tile was constructed east of the 207-B Ponds to collect and characterize leakage from the ponds. In July 1961, construction activities were implemented to reline the drainage tile associated with Ponds 207-B Center and 207-B North.

In October 1962, the Pond 2-Auxiliary area was regraded for the construction of Building 779. The clay lining and contaminated soil were removed and placed into one of the East Trenches at RFETS. Soil samples collected from the bottom of Pond 2-Auxiliary indicated activities of between 11,000 and 75,000 disintegrations per minute per kilogram (dmp/Kg).

The Pond 2 and Pond 2D areas were regraded in 1970 to accommodate construction of Pond 207-C. The soil and dikes from these ponds may have been used in the construction of Pond 207-C. The approximate locations of the original SEP with respect to the existing SEP, are shown on Figure 2-2.

Table 2-1 summarizes the historical information regarding the original ponds. Detailed engineering drawings are presented in the Closure Plan: Solar Evaporation Ponds, Volume I, Appendix I (DOE 1988), as well as the Draft Operable Unit 4 Interim Measure/Interim Remedial Action Environmental Assessment Decision Document (DOE 1995a).

Table 2-1
Solar Evaporation Pond Designations and Status (Source: DOE, 1992a.)

Current Designation	Original Designation	Date Completed	Current Status
Original Clay-Lined Solar Evaporation Pond	Pond 2	October 1953	Regraded in 1970 for construction of Pond207-C.
Pond 2-Auxiliary[a]	Pond 2-Auxiliary[b]	September 1955	Regraded in 1962 for construction of Building 779.

Current Designation	Original Designation	Date Completed	Current Status
Pond 2D[a]	Pond 2D	April 1959	Regraded in 1970 for construction of Pond 207-C.

[a] This pond could be confused with the original clay-lined solar evaporation pond because it was of earthen construction only.
[b] This pond was also known as Pond 2C. It was originally unlined, but a clay liner was installed in January 1957.

Pond 207-A

SEP 207-A was placed into service in August 1956 to provide additional storage capacity. This pond was originally constructed with a liner consisting of asphalt planks approximately 0.5 inch thick, 3 feet wide, and 14 feet long. The pond measured approximately 250 by 525 feet at the crest with side slopes of 1:2. The maximum operating depth was approximately 7.5 feet, resulting in an impoundment volume of approximately 5 million gallons (DOE 1988). This pond operated with a minimum freeboard of 2 feet. In September 1958, aluminum paint was applied to the exposed surface of Pond 207-A to increase evaporation.

In December 1959, drainage tile was installed along the eastern edge of Pond 207-A to intercept seeps discovered during excavation of the 207-B Ponds. The drainage tile was connected to a sump located northeast of Pond 207-A, and a pump system was installed in April 1970 to return the collected water to Pond 207-A.

In November 1963, modifications were completed to correct problems associated with the liner cracking and slumping, which resulted in leakage of the pond contents. These modifications included replacing the asphalt planking with an asphalt concrete liner, changing the side slopes to 1:3.7, and regrading the base of the pond to drain to a sump at the northeastern end of the pond. The asphalt concrete liner consists of a 4-inch-thick aggregate base placed on top of the subgrade, overlain by an asphalt prime coat, 1.5 inches of asphalt concrete, an asphalt tack coat, 1.5 inches of asphalt concrete, and a catalytically blown asphalt seal coat. Engineering drawings showing construction and liner details are presented in the Closure Plan: Solar Evaporation Ponds (DOE 1988). (It is assumed this closure plan was never approved by the regulatory agencies, because approval documentation could not be located.)

In April 1964, a pump was installed at Pond 207-A to facilitate liquid transfer among the ponds. In 1986, routine placement of waste in Pond 207-A ceased, and dewatering and sludge removal was initiated. Portland cement was mixed with the removed sludge to form pondcrete for offsite disposal. The last of the process water and sludge was removed from this Pond in July 1988.

To minimize the potential leakage of pond water to the underlying soil, the asphalt concrete side slopes of Pond 207-A were relined with a 1/8-inch thick (minimum), rubberized, crack-sealing material in the fall of 1988. From 1988 to 1992, a limited amount of precipitation and sediment collected in the Pond. In March 1990, approximately 1.3 million gallons of water was transferred from the 207-B Ponds to Pond SEP 207-A to prevent the overflow of liquids. The transferred water was removed in fall 1992 prior to the commencement of the RFI/RI drilling program in December 1992.

Ponds 207-B North, Center and South

The 207-B Series Ponds (North, Center, and South) were placed into service in June 1960. These ponds were originally lined with asphalt planking approximately 0.5 inch thick, 3 feet wide, and 14 feet long. Each pond measures approximately 180 by 253 feet. The maximum

operating depths were 5.5 feet for Pond 207-B South and 6.5 feet for Pond 207-B Center and North, resulting in an impoundment volume of approximately 1.5 million gallons each.

In June 1960, the transfer of waste from Pond 207-A to Ponds 207-B South and Center was initiated. The transferred waste was acidic and produced gases that lifted the asphalt planking, thus rupturing the liner seams and resulting in leakage from the Ponds. Because of these problems, transfer operations were halted and the waste was returned to Pond 207-A. To return the waste to Pond 207-A, the waste had to be transferred to Pond 207-B North, which resulted in damage to all three of the 207-B Series Ponds. The asphalt planking within Pond 207-B South was covered with asphalt concrete in November 1960. The first six groundwater monitoring wells were installed in the vicinity of the 207-B Series Ponds in November 1960. Repair of Ponds 207-B Center and North was deferred because of funding limitations. Pond 207-B South was returned to service in December 1960.

In April 1961, repairs to the 207-B Series Ponds included installation of a drainage trench along their eastern edge. A sump and pump system was later installed in April 1970 to return the collected water to Pond 207-B North. Ponds 207-B Center and North were relined with asphalt concrete in July 1961. Because of difficulty in laying the asphalt concrete over the asphalt planking, the planking was removed from Pond 207-B North prior to it being relined with asphalt concrete. The two relined Ponds were then returned to service.

In April 1967, an unsuccessful attempt was made to fill cracks on the sidewalls of Pond 207-B North with asphalt mastic. In November 1967, sidewall cracks in Pond 207-B North were successfully repaired with burlap and asphalt. In October 1968, the sidewalls of Pond 207-B Center were successfully repaired with burlap and asphalt covering, and an additional coat of asphalt was applied to Pond 207-B North. Additional coats of burlap and asphalt were applied to Ponds 207-B North and 207-B Center in September and October 1969, respectively. The sidewalls of Pond 207-B South were covered with burlap and asphalt in September 1970. The sidewalls of Ponds 207-B North and Center were covered with Petromat® and hydraulic sealant in October 1971. The sidewalls and bottoms of Ponds207-B South and 207-B North were relined with Petromat® and hydraulic sealant in October 1972 and September 1973, respectively.

The placement of process waste into the 207-B Series Ponds ceased around 1974. A pond clean-out program was initiated in 1974 and extended until 1977, when all process wastes were removed. Since 1977, the B-series SEP were used to hold treated sanitary effluent, treated plant fire water, brine from the Reverse Osmosis Facility, contaminated groundwater from the ITS, and treated wastewater generated during the June-July 1993 hot systems operations testing of the Building 910 evaporators.

In 1978, the Petromat® liners of Ponds 207-B Center and South were removed, bagged, and cemented for offsite disposal. The asphalt concrete liners were not removed. Ponds 207-B Center and South were then relined with a hydraulic sealant. In addition to the sealant, a synthetic 45-mil Hypalon® liner was installed in Pond 207-B South. A leak detection system was installed between the Hypalon® liner and asphalt concrete liner. The leak detection sump is located in the northwestern portion of the SEP, and a pipe extends from the sump to the SEP berm. The lining of Pond 207-B North was not replaced because it held only a minimal amount of sludge, and its residual radioactivity levels were low. Engineering drawings showing the

construction and liner details are presented in the Closure Plan: Solar Evaporation Ponds (DOE 1988) (This closure plan was never approved.)

In April 1982, water was removed from Ponds 207-B Center and North for application to the West Spray Field. At the time of the spray field operations, Pond 207-B Center contained treated sanitary effluent and Pond 207-B North contained ITS water. The spray field operations ended in November 1985.

Between 1993 and 1995, wastewater and remaining sludge from 207-A and B-series Ponds were removed by the Accelerated Sludge Removal Project. The sludge was transferred to RCRA-permitted tanks located on the 750 Pad. This sludge was and is currently being shipped to Envirocare of Utah, Inc. for disposal.

Pond 207-C

Pond 207-C was put into service in December 1970 to provide additional process waste storage capacity and provide interim storage for liquid from the other ponds during pond maintenance and repair work. Pond 207-C was constructed in approximately the same location as the original SEP. This pond measures approximately 160 by 250 feet and has a maximum operating depth of 7 feet. The pond has an impoundment waste volume of 1.2 million gallons.

An asphalt concrete liner was originally installed in Pond 207-C, which consisted of a 4-inch aggregate base course, overlain by an asphalt prime coat, 1.5 inches of asphalt concrete, a second asphalt tack coat, 1.5 inches of asphalt concrete, an asphalt tack coat, and a surface of catalytically blown asphalt seal coat. Pond 207-C has not been relined since its construction.

The bottom of the pond slopes to the northeast. Design drawings indicate a leak detection system was installed sometime in the late 1980s. The drawings depict the leak detection system as consisting of a perforated pipe aligned on a north-south axis under the center of the pond with the pipe terminating in a sump at the northern end. Engineering drawings showing the construction and liner details are presented in the Closure Plan: Solar Evaporation Ponds (DOE 1988). Pond 207-C has not received process wastes since 1986.

2.1.2 Actions Taken at the SEP

Various activities and projects have been undertaken to remediate the SEP and the SPP as follows:

1. The Ponds were relined and patched a number of times throughout their history to control leakage (DOE 1992b).

2. Drainage tiles were installed between Ponds 207-A and 207-B, and east of Pond 207-B in 1960 and 1961, respectively, to characterize water in the area (DOE 1992b).

3. Installation of two sumps and six trenches in the area north of the solar ponds allowed collection and return of contaminated groundwater to the ponds. The sumps were installed in April 1970 at the northern end of the drainage tiles. Trenches 1 and 2 were installed in October 1971, Trench 3 in September 1972, Trenches 4 and 5 in April 1974, and Trench 6 in July 1974(DOE 1992b).

4. Construction and utilization of the ITS in 1981 allowed for the collection of surface water runoff and groundwater seepage. (Refer to OU 4 SEP, IM/IRA Environmental Assessment Decision Document [DOE 1995]). The ITS consisted of 18 french drains located on the hillside north of the SEP and a surface water trench, known as the Interceptor Trench. The original configuration of this system has changed. Water collected by the ITS was pumped back uphill from the ITS Pumphouse near Walnut Creek into Pond 207-B North.

5. In 1986, a RCRA Part B operating permit application was submitted to the Colorado Department of Health (CDH) (renamed later as CDPHE). RFETS reported that the SEP were an interim status unit scheduled to be closed. The SEP including surrounding contamination were also identified as a SWMU, which later became IHSS 101. Figure 2-3 delineates the boundary of the SEP RCRA-regulated unit, as well as the boundary of IHSS 101. In 1991, under requirements of the Interagency Agreement (IAG), IHSSs were grouped into single management areas and the SEP area or IHSS 101 also became designated as Operable Unit (OU) 4. IHSS 101 and OU 4 were also later designated as PAC 000-101 for reporting purposes under the HRR. Under RFCA in 1996, OU 4 was combined with other IHSSs into the IA OU.

6. A number of environmental samples were collected from the vicinity of the SEP in 1986, 1987, and 1989 as follows:

   - A program was initiated in 1986 that included installation of 17 RCRA groundwater monitoring wells in the SEP area (designated with an 86 suffix) to expand the ability to monitor subsurface conditions related to the SEP. Hydrogeologic tests were conducted in some of these wells. A draft RCRA Interim Status Closure Plan was submitted for the SEP that summarized the testing results and outlined a method for removing the SEP from service.

   - Eighteen boreholes were drilled in 1987 in the SEP area to collect additional soil chemistry data specific to the SEP (designated with an 87 suffix) and to respond to comments on the draft RCRA Interim Status Closure Plan submitted in 1986 that were directed in part to the collection of additional characterization data. Two of the boreholes were completed as wells for more groundwater monitoring capability and subsurface conditions were evaluated.

   - A draft closure plan was submitted in 1988 that detailed future characterization efforts.

   - Thirty-seven monitoring wells (designated with an 89 suffix) were installed in 1989. These additional wells were drilled at locations identified as data gaps in the 1988 characterization.

7. In 1990, a draft Final Phase I RFI/RI Workplan for the SEP, OU 4, was prepared for the purpose of characterizing the physical features of OU 4, identifying potential contaminant sources, and determining the distribution of contaminants in surface and subsurface soil. In 1992, both EPA and CDPHE granted approval of the workplan under the condition that a Technical Memorandum (TM) address vadose zone characterization at OU 4 (CDPHE 1992).

TM No. 1 was written in 1992 and approved by both agencies in 1993. In 1993, TM No. 2 was written to document changes required to implement the workplan and was approved by both agencies (CDPHE 1993).

8. During 1992, a brief investigation was performed to determine whether the 207-B series ponds were leaking into the uppermost aquifer. This was accomplished by sampling wells in the vicinity of the SEP for a dye that was placed in the SEP. Based on the study, it was determined that no leakage was occurring from the 207-B series ponds.

9. Construction and utilization of the flash evaporation treatment system in Building 910, as well as three temporary storage tanks and associated piping to contain and transfer water collected by the ITS, began in 1992. The Modular Storage Tanks (MSTs) were located on the hill to the northwest of the SEP and ITS. The water from the MSTs was transferred to Building 374 for flash evaporation. Refer to the Final Proposed IM/IRA Decision Document for the SEP, *OU 4* (DOE 1992a). The MSTs were removed.

10. Removal of liquid and sludge from the SEP began in 1993. The purpose of the removal efforts was to remove the source of nitrate and uranium contamination that exists in soil and groundwater beneath and adjacent to the SEP. The removal (which was completed in 1995), provided access to the ponds for subsurface characterization work as described in the approved RFI/RI Work Plan for OU 4. The work was conducted as a routine operation within a RCRA Interim Status Unit Undergoing Closure. Following removal, the ponds were rinsed (with the possible exception of Pond 207-C, [DOE 1995c]) and the water was pumped to Building 374 for evaporation (CDPHE 1995a). (Consistent with previous actions, Pond 207-C was rinsed and the precipitation removed as part of routine maintenance activities in 2002.) The remaining sludge, stored in tanks on the 750 Pad, are in the process of being removed from the tanks, dewatered, packaged, and shipped to an offsite disposal facility. (Refer to the Draft Operable Unit 4 – Solar Evaporation Ponds Interim Measure/Interim Remedial Action, Environmental Assessment Decision Document [DOE 1995a]).

11. In 1993, investigations pursuant to the approved work plan (DOE 1992d) and TMs were completed. The following investigations and sampling activities were performed:

    - A Ground Penetrating Radar (GPR) survey was completed in the vicinity of the original ponds.
    - Six boreholes in or adjacent to the original ponds area were completed. Surface and subsurface soil samples were collected at each borehole and analyzed for suspected contaminants.
    - A GPR survey was conducted beneath Pond 207-A.
    - An OU 4-wide beta/gamma radiation survey was conducted that consisted of 311 data points.

- A seismic refraction survey was completed to evaluate bedrock topography and the presence of paleochannels.

- Twelve boreholes were completed and subsurface soil samples were collected from within Ponds 207-A, 207-B Center, and 207-B North. Boreholes were placed at locations where breaches in the liners were observed and at locations where the liner was intact (DOE 1995a). It was decided and agreed to in a joint working group meeting with EPA, CDPHE, DOE, and EG&G personnel held February 1, 1995, not to collect core sample beneath Pond 207-B South. Surrounding data from the other 207-B Ponds and Ponds 207-A pond has allowed for adequate characterization of soil associated with pond 207-B South (EG&G 1995c). In addition, comments from CDPHE in 1995 stated "that drilling beneath Pond 207B-South is not planned (the liner of this pond demonstrated integrity that precluded the need for additional RFI/RI investigation)" (CDPHE 1995b).

- Sixteen boreholes were completed between the ponds and around the perimeter of IHSS 101.

- Nineteen boreholes were drilled and sampled in the ITS and surrounding area.

- Twelve samples of asphaltic liner and sub-base material were collected from Ponds 207-A, 207-B Center and 207-B North. (Three additional samples were collected in 1995 from Pond 207-C once the pond was emptied of all liquids and slurried solids. Samples were collected at a depth of 0.5 to 6.5 feet beneath pond 207-C [RMRS 1995]).

- One deep borehole (42193) within Pond 207-A was drilled into bedrock, sampled, and geophysically logged. Subsurface samples were also collected.

- Fifteen lysimeters were installed in the vicinity of IHSS 101.

- Twenty-six random and 10 discrete or "hot spot" surface soil samples were collected and surface soil samples were collected from 36 boreholes.

- Approximately 200 subsurface soil samples were collected from the vadose zone.

- Nine samples were collected for column leaching tests.

- Twenty-five soil samples were collected from boreholes for analysis of physical and hydrogeologic properties.

- Borehole permeability measurements were made.

- Shallow soil permeability was measured at 19 locations using a Guelph permeameter.

- Pore water samples were collected from lysimeters.

- Relative moisture content in the vadose zone was measured using a neutron probe.

- Data loggers and pressure transducers were installed in five wells to measure the response of the water table to precipitation events and evaluate responses attributable to secondary porosities.

- Soil gas samples were collected at 28 locations.

12. As of March 1994, 87 percent of the RFI/RI data had been validated and 1.26 percent of the total validated data had been rejected. DOE, CDPHE, and EPA believed that enough validated data existed to assess and select a closure/remediation general response action and a proposed IM/IRA was written in 1995, which included a baseline risk assessment.

13. RFCA was signed in 1996. Based on the results of the RFI/RI and the risk assessment, ER ranked IHSS 101 number 14.

14. A reactive barrier was installed in 1999 north of the SEP on the northern side of the North Access Road (DOE 1999a). The barrier system consists of a collection system to direct groundwater flow to two passive treatment cells. The collection trench is approximately 1,100 feet long, 2 to 3 feet wide, and 20 to 30 feet deep. The trench extends approximately 10 feet into weathered bedrock to capture both bedrock and alluvial flow. The first treatment cell is filled with a mixture of organic media (sawdust) to act as a carbon source to induce denitrification and zero-valence iron to remove the uranium by chemical reduction. Nutrient mulch, which increases the denitrification rate, can also be added to the iron/sawdust treatment media. The second cell is filled with 100 percent granular activated iron aggregate to remove uranium. The collection trench cuts the ITS, allowing groundwater collected by the ITS upgradient from the reactive barrier to flow into the new collection trench. ITS lines were disrupted where they intersect the new collection system. The installation of a collection sump to increase the volume of groundwater treated was recently approved in the Minor Modification to the Final Solar Ponds Plume Decision Document (2002d).

15. Soil removal for purposes of reducing the long-term stewardship obligations of the SPP treatment system was not necessary because groundwater contaminants are below Tier II ALs in soil (Section 3.1). The groundwater plume present beneath and downgradient of the SEP is being addressed as part of the ongoing SPP IM/IRA. (Refer to the Final Solar Ponds Plume Decision Document (DOE 1999a), and its Minor Modification (DOE 2002d).

16. Environmental monitoring, including downstream surface water and downgradient groundwater monitoring, is being conducted as part of the Sitewide Integrated Monitoring Program (IMP) to ensure that contaminant concentrations are not increasing and that water quality standards are being met. (Refer to the Final Solar Ponds Plume Decision Document [DOE 1999a] and to IMP [DOE 1999b].) The IMP monitors groundwater for volatile organic compounds (VOCs), metals, nitrate, uranium (U), plutonium (Pu), americium (Am), neptunium and tritium. This is being accomplished by means of a network of eight monitoring wells (four existing wells and four new wells). (Refer to the Well Abandonment and Replacement Program [WARP], Work Plan Addendum for the Solar Evaporation Ponds, [Kaiser-Hill 2002a].) If contaminant concentrations increase, the Site will investigate and implement actions consistent with the overall risk in accordance with RFCA Action Levels and Standards Framework (ALF).

- Surface soil areas exceeding proposed soil ALs (DOE et al.. 2002) for Am-241 and Pu-239/240 were removed in accordance with ER RSOP Notification #02-08. By removing this radiologically contaminated soil, beryllium-impacted soil, which exceeded the ecological receptor action level of 8.71 mg/kg (9.6 milligrams per kilogram [mg/kg]), was also removed. Locations and concentrations removed are documented in the Draft Closeout Report for the SEP AOC (DOE 2002e).

The actions taken are consistent with the RFCA Vision for long-term stewardship in that source removal has been conducted and groundwater treatment has been implemented.

2.1.3 Current Status of the SEP

The five SEP are situated on a large, level parcel of land, except where artificial berms have been built. The existing SEP area covers approximately 6.1 acres determined by Geographic Information System (GIS) analysis, (see risk assessment results in Attachment B) representing the boundary of the interim status RCRA regulated unit.

For purposes of addressing the SEP and associated contamination under this PAM, IHSS 101 has been modified to exclude the following areas that will be included in other onsite investigations:

- The "panhandle" area to the northwest that is associated with Bowman's pond will be investigated as part of Bowman's Pond PAC 700-1108.

- The southwester corner of IHSS 101 and directly south of pond 207-C currently includes several buildings (779, 780, 786, 787, and others). This area will be investigated as part of Under Building Contamination (UBC) Site 779 and the demolition or removal of these other buildings.

- Directly east of the B-series ponds and PACs 900-1310 and 1314 is an area that is currently occupied by building 964 and represents IHSSs 176 and 165. This area will be investigated as part of IHSSs 176 and 165.

The ground surface north of the SEP slopes steeply downward toward North Walnut Creek. The ponds are currently roped off and posted as contaminated areas, and all waste has been removed. They currently contain varying amounts of water from precipitation. The existing ponds and major pond components are shown on Figure 2-3.

Subsurface soil and any below-grade ponds and OPWL components located in the area of Pond 2-Auxiliary will be addressed in the future as part of UBC Site 779 (that is when UBC Site 779 is characterized and remediated as necessary).

Because the SEP are a RCRA interim status unit and have both an IHSS and PAC number, Table 2-2 identifies the required completion activity, mechanism for completion, and the document used for completion.

Table 2-2
Completion Table For the SEP

Unit Name	RCRA Unit/IHSS/PAC	Required Completion Activity
SEP	RCRA Interim Status Unit (no number), IHSS 101, and PAC 000-101	RCRA Closure for RCRA Unit and NFA for IHSS and PAC
A portion of OPWL, sumps, and valve pits	A portion of IHSS 121 and a portion of IHSS 149.1 (no PAC number)	NFA for IHSSs
A portion of NPWL[11]	A portion (Box 5 at Building 910 to UBC Site 774 fence) of RCRA Unit 374.3 and PAC 000-504 (No IHSS number)	Partial RCRA closure and NFA for PAC
MST line	No specific IHSS or PAC[12] reference	None
Permacon concrete pad	RCRA Permitted Unit 21 (no IHSS or PAC number)	RCRA closure
Clarifier and 308A Pumphouse concrete pads	RCRA Interim Status Unit 48 (no IHSS or PAC number)	RCRA closure
ITS water spill	PAC 900-1310 (no IHSS number)	NFA for PAC

2.2 Other Units, PACs, and IHSSs

Process piping (above- and below-grade waste lines), manholes, electrical control conduit, other utilities, and associated piping support racks are present throughout the SEP area. South of Pond 207-B South, there is a concrete ramp with metal grating for access into the SEP area. The ramp goes over the above-grade NPWL, electrical conduit, and associated support racks. Concrete "jersey" barriers are present to protect the above-grade NPWL. Detailed drawings of utilities, including a portion of the OPWL, valve pits and collection sumps, drainage tiles, and leak detection systems, are presented in the Closure Plan: Solar Evaporation Ponds, Volume I, Appendix 1 (DOE 1988). Also located in the area of the SEP and within the IHSS 101 boundary is an MST line, RCRA Units 21 and 48, and PAC 900-1310. Figure 2-3 highlights these various units and each are discussed below because releases from these units may also have contributed to the contamination present around the SEP. In addition, there are several monitoring wells and lysimeters located in and around the ponds, inside and outside the bermed area.

[11] NPWL has multiple RCRA unit numbers associated with it. RCRA unit 374.3 only represents the portion of NPWL located within IHSS 101.
[12] This line could be associated with Interceptor Trench Pumphouse, PAC NE-1409, which received NFA approval in 2001.

2.2.1 History

OPWL, NPWL, and MST Line

The OPWL functioned as a transfer and storage system for process waste from various facilities onsite to be treated at the process waste treatment facility housed in Building 774 and the SEP. The OPWL is consists of approximately 40 tank locations, which include an assortment of above-, on-, and below-grade tanks; floor sumps; valve vaults; secondary containment structures; and process waste vaults. The OPWL network originally consisted of approximately 35,000 feet of pipeline. Parts of the OPWL were converted to NPWL or other systems (for example, fine plenum deluge system), and the current OPWL system contains approximately 29,000 feet of pipeline. The OPWL transported (or stored in OPWL tanks) various aqueous process waste containing low-level radioactive materials, nitrates, caustics, and acids. The waste managed in the OPWL represents a subset of the total waste managed in the SEP.

Some of the OPWL, including waste lines and valve vaults, are located in the SEP area, and some discharge into the ponds (Figure 2-1). Other lines are used to transfer waste from one pond to another. Most of the lines were installed in the 1950s and 1960s and include P-26 (a portion of IHSS 149.1), P-35, P-36, P-37, P-38, P-48, P-49, and P-50. P-26 is constructed of stainless steel and PVC; P-36 and P-50 are constructed of stainless steel; P-35 is constructed of steel; P-37 is constructed of steel, polyvinyl chloride (PVC), and vitrified clay; P-38 is constructed of vitrified clay; and P-48, and P-49 are constructed of cast iron. Some of these lines (i.e., P-26, P-36, P-37, and P-38) have historically leaked and are part of IHSS 121. (Refer to Operable Unit 9 Technical Memorandum No. 1, Volume IIA – Pipelines, Addendum to Phase I RFI/RI Work Plan [EG&G 1994].)

Two other lines are located in the SEP area. One of the lines is an aboveground line, which is part of the NPWL system and RCRA Unit 374.3 which was used to convey water from the MSTs via Building 910 to Building 374. Typically water transferred from Building 910 to Building. 374 did not contain RCRA-contaminated wastewater. However, in 1999, a temporary authorization was received to transfer decant water from the 750 Pad sludge removal project and cooling tower water from Building 779. The wastewater from the 750 Pad project contained concentrations of metals in the parts per billion (ppb) range and concentrations of methyl ethyl ketone in the parts per million (ppm) range. The cooling water from Building 779 was contaminated with arsenic (11 milligrams per liter [mg/L]). Upon completion of the transfer of this waste to Building 374, the transfer line was to be flushed, rinsed, and sampled and analyzed to ensure no residual contamination remained. However, documentation could not be located to ensure these final activities were conducted. There was no reported release from this line.

The other belowgrade line located in the SEP area was used to convey water from the MSTs to Building 910. Water conveyed was primarily groundwater from the SEP area collected by the ITS. There was no reported release from this line.

RCRA Units

Various structures associated with the removal and processing of pond sludge were located between the ponds, after pond operations ceased; however, all structures have been removed, including Building 788, Trailer 788A, the 207 Clarifier unit, and the 308A Pumphouse (Figure 2-3).

The Permacon within Building 788 was a RCRA-permitted storage unit (RCRA Unit 21) used for the storage of pondcrete waste containers. The 207 Clarifier and 308A Pumphouse were a RCRA interim status unit (Unit 48) used to mix pond sludge and Portland cement to create "pondcrete." All that remain are concrete slabs, most of which are probably steel reinforced. Due to radiological concerns, the building and clarifier slabs have been covered with 80-mil plastic and soil. Partial closure was achieved for all of RCRA Unit 21 except for the former Permacon slab. The Permacon slab was rendered RCRA stable by decontamination using chemical cleaning and high-pressure spray methods. Partial closure was achieved for all of RCRA Unit 48 except for the 207 Clarifier and 308A Pumphouse slabs. The Clarifier slab was rendered RCRA stable by the application of acrylic latex spray-on fixative. The Pumphouse slab was rendered RCRA stable by chemical cleaning and high-pressure spray methods. Closure activities are summarized in Section 6.1 and detailed in the Final Closeout Report, Building 788 and Clarifier Tank, RCRA Closure Decommissioning Project Summary Report of RCRA Closure Activities for Units 21 and 48 in Building 788 (RMRS 1999a). The estimated dimensions and areas of the slabs are presented below.

Table 2-3
RCRA Unit Dimensions

Location	Approximate Dimensions (feet)	Approximate Area ($feet^2$)
B788/B788A Slab	220 by 22.5	4950
Former Permacon Area	47 by 10	470
207 Clarifier Slab	30 by 30	900
308A Pumphouse Slab	10 by12	120

All structures associated with RCRA units 21 and 48 have been removed except for the facility pads (RMRS 1999a).

PACs
There are four PACs associated with SEP operations:

- PAC 700-1113, associated with water released from Pond 207-C (DOE 1995c);
- PAC 900-1310, associated with a spill from the ITS (DOE 1994a);
- PAC 900-1314, associated with sludge release from Pond 207-B (DOE 1994b); and
- PAC 900-1315, associated with a release from a tanker truck on the East Patrol Road, north of Spruce Avenue (DOE 1995c).

PACs 700-1113, 900-1314, and 900-1315 have been investigated, and, based on the results, NFA was proposed. (Refer to DOE 1995c for PACs 700-1113 and 900-1315, and DOE 1994b for PAC 900-1314.) CDPHE concurred with the NFA requests on March 13, 2002.

PAC 900-1310 received approximately 490 gallons of water from the ITS on November 30, 1992, when a pipe coupling in the 3 inch transfer line on the eastern slope of the 207-B North

berm separated during subzero weather. ITS water consists of collected groundwater from the SEP area. COCs include U and nitrate. The pipe connection was repaired and the system was placed back into service.

2.2.2 Actions Taken

Various activities and projects have been undertaken that are related to these other units in the area of the SEP. A majority of these other units were removed recently as separate actions in accordance with ER RSOP FY02 Notification #02-08 (DOE 2002b). In addition, sampling was conducted in accordance with IASAP Addendum #IA-02-07 (DOE 2002c). The actions taken include:

- ***Portions of OPWL and NPWL:*** Contaminated above-grade waste lines (NPWL), segments of lines located less than 3 feet belowgrade and within the berms (OPWL), valve vaults, and collection sumps were removed, characterized, and disposed of in accordance with the ER RSOP. Soil contaminated by known releases (that is, OPWL, valve vaults, and collection sumps) was removed if concentrations were above RFCA Tier I ALs and disposed of. Sampling in the vicinity of suspected areas identified soil contamination. For example, it is known that the valve vault west of Pond 207-A leaked, and, therefore, the area around the valve vault was investigated. All soil removal included confirmatory sampling to ensure that all contaminated soil had been removed. Excavated soil was also characterized for waste management purposes. The leak detection line east of the B-Series Ponds and under Pond 207-C was disrupted and foamed in place.

- ***MST Line:*** The MST line to Building 910 was disrupted that is the line was cut (disrupted) and filled with foam.

- **Various Structures Associated With Pond Cleanout Operations:** Various structures associated with pond cleanout operations were removed, including Building 788/788A, Trailer 788A, the 207 Clarifier unit, and the 308A Pumphouse. Part of Building 788A was a RCRA-permitted unit (Unit 21), and the Clarifier and Pumphouse were part of a RCRA interim status unit (Unit 48). All that remain are concrete slabs. Partial closure was completed for the entire Unit 21 concrete slab except for the area of the former Permacon. The Permacon area was rendered RCRA stable by decontamination using chemical cleaning and high-pressure spray methods. Partial closure was completed for all of Unit 48 except for the 207 Clarifier and 308A Pumphouse slabs. The Clarifier slab was rendered RCRA stable by the application of acrylic latex spray-on fixative. The Pumphouse slab was rendered RCRA stable by chemical cleaning and high-pressure spray methods. Closure activities are presented in the *Final Closeout Report, Building 788 and Clarifier Tank, RCRA Closure Decommissioning Project, and Summary Report of RCRA Closure Activities for Units 21 and 48 in Building 788* (RMRS 1999a).

- **RCRA Units 21 and 48**: The concrete pads remaining for these units were removed and soil samples were collected beneath the pads. Samples were analyzed in accordance with the IASAP Addendum #IA-02-07, results indicated all detected contaminants were below RFCA

Tier I ALs. Therefore, the remaining portions of these units were RCRA closed through removal.

- **PAC 900-1310**: Soil from PAC 900-1310 was sampled and characterized. Analytical results indicated radiological contaminants detected were all less than current RFCA Tier II ALs and metal concentrations were all less than current RFCA Tier II ALs except for arsenic, which was below Tier I ALs (Maximum detected concentration of 17 mg/kg compared to the RFCA Tier II AL of 2.99 mg/kg.) Nitrate and nitrite were also well below current RFCA Tier II ALs.

- **Manholes, utilities and piping support racks, and concrete ramps and barriers:** Manholes, utilities and piping support racks, and concrete ramps and barriers were removed, characterized and disposed of in accordance with the ER RSOP.

- **Unnecessary monitoring wells:** Unnecessary monitoring wells were abandoned in accordance with applicable regulations under the Site's well abandonment program (P209089, P209489, 41693, 43893, 43993, 23795, 26095, 2786, 3887, 05093, 05193, and 05393.) (Refer to the Well Abandonment and Replacement Program, Work Plan Addendum for the Solar Evaporation Ponds, [Kaiser-Hill 2002a].) Lysimeters in the area were also removed.

2.2.3 Current Status

The other RCRA units were RCRA closed by removal; these closure activities will be documented in a final closeout report. All aboveground lines, valve pits, sumps, pumps, and associated equipment have been removed. All lines located less than 3 feet below grade have also been removed. Lines located more than 3 feet below grade have been disrupted by cutting or disconnected and filled with foam. Soil has been sampled in areas around the OPWL that are known to have leaked (for example, around the valve pit) and at PAC 900-1310. Residual soil concentrations present around all these other units are below current RFCA Tier I ALs.

The B-Series ponds are shown on drawings to have leak detection lines; however, this was never verified based on field activities conducted under ER RSOP Notification #02-08.

3.0 NATURE AND EXTENT OF CONTAMINATION

The source of groundwater and soil contamination within the SEP IHSS was process waste managed in the various units and ponds in this area. Contamination resulted from the leakage of the original and existing ponds, and releases from the OPWL and PAC 900-1310 (ITS Water Spill). Process waste has been removed from these units and shipped offsite for disposal. (Refer to the Final Closeout Report, Building 788 and Clarifier Tank, RCRA Closure Decommissioning Project, and Summary Report of RCRA Closure Activities for Units 21 and 48 in Building 788 (RMRS, 1999a) and Historical Release Report Second Quarterly Update (DOE (1993). Previous investigations have been conducted to characterize the SEP IHSS for purposes of defining the nature and extent of contamination. These investigations are detailed in the following documents:

- DOE, 1995a, OU 4 Solar Evaporation Ponds, Interim Measure/Interim Remedial Action Environmental Assessment Decision Document;
- *DOE, 1994c*, Final Phase II Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation (RFI/RI) Work Plan, OU 4;
- *ERM, 1996*, OU 4 SEP, Phase II Ground Water Investigation, Final Field Program Report;
- RMRS, 1996; Management Plan for the ITS Water;
- RMRS, 1997; SPP Remediation and ITS Water Treatment Study;
- DOE, 1992b; Final Phase I RFI/RI Work Plan, Original Process Waste Lines (Operable Unit 9; and
- RMRS, 1995, Solar Evaporation Pond 207C Characterization Report for the Rocky Flats Environmental Technology Site.

Most waste lines, drain tiles, and leak detection lines should not have been a significant contribution to the contamination present within the IHSS. Process waste should have drained to the collection sumps long ago and should no longer be present in the lines. If residual liquid is present, the lines will be drained prior to foaming or removal. Also, it is assumed, based on visual inspection of the lines and composition of the lines, that contaminants should not have significantly penetrated or adhered to the line construction materials. This is based on the knowledge that stainless steel, steel, PVC, cast iron, and vitrified clay[13] lines exist within this IHSS.

It is noted that this section may include possible explanations for the presence of certain contaminants (for example, acetone as a laboratory contaminant) in defining the nature and extent of contamination. However, for purposes of defining risk (as discussed in Section 5.0 and Attachment II) all SEP data were used as defined in Attachment II.

3.1 Groundwater Contamination

Groundwater contamination is discussed briefly for purposes of defining the nature and extent of contamination and to determine whether additional soil remediation could reduce the long-term stewardship obligations of the SPP treatment system. However, corrective action of existing groundwater contamination, including treatment, is addressed in a separate IM/IRA decision document. (Refer to the Final Solar Ponds Plume Decision Document [DOE 1999a], and its Minor Modification [DOE 2002d].)

From previous investigations and as documented in the SPP Decision Document (RMRS 1999c), it is known that the SPP is an area of groundwater contamination that extends from the SEP

[13] Based on technical information associated with the manufacture of clay pipes/lines, when clay pipe is vitrified, the clay mineral particles become infused into an inert, chemically stable compound that is resistant to attack by various chemicals including acid and solvents. (Refer to the National Clay Pipe Institute @ www.ncpi.org.)

northeast toward North Walnut Creek and southeast toward South Walnut Creek. It is contained within the upper hydrostratigraphic unit (UHSU).

The groundwater flow path in the area of the SEP is very complex due to the varying thickness of the unconsolidated deposits and weathered bedrock units and the highly variable primary and secondary permeabilities of the two units. The combination of the varying thickness of the unconsolidated deposits and seasonal water table fluctuations result in large areas of the unconsolidated deposits in the area of the ITS becoming unsaturated. The hydraulic gradient between the unconsolidated deposits and weathered bedrock at the SEP is downward, due to infiltration of rainfall at the ponds. General depth to groundwater beneath the SEP has historically been approximately 10 to 20 feet (DOE 1999a). However, based on the dry conditions during 2002, depth to groundwater is approximately 25 to 30 feet.

Recharge and subsurface inflow to the SEP area originates from both natural and anthropogenic sources. Sources of recharge to the SPP include natural groundwater flow entering the SEP area from the west and southwest, infiltration of precipitation on the SEP and ITS hillside, runoff from the former PA directed to the ITS, and water used for dust suppression at the SEP. (DOE 1999a).

At the SEP, the UHSU groundwater contains high total dissolved solids (TDS) concentrations, most notably in the immediate vicinity of the ponds and the portion of North Walnut Creek located north of the SEP. Leakage of process water concentrated by evaporation from the ponds provided a source of chemically distinct water to groundwater in the IHSS area. Concentrated water is easily distinguished from natural recharge water by its high TDS and major-ion contents (EG&G 1995c).

The primary contaminants in the SPP are various isotopes of U and nitrate (DOE, et al., 1996). Monitoring wells have also indicated detection of lithium, selenium and thallium[14] at concentrations above groundwater ALs. However, an analysis of metals distribution was conducted, and the results indicate there is no metals plume associated with the SEP (DOE 1999a).

Four monitoring wells (1386, 1786, 70099 and 70299) monitor the nitrate- and uranium-contaminated groundwater plume associated with the SEP. Nickel concentrations in well 1386 have increased steadily since spring 1992 and, except for two sampling dates, have been greater than Tier II ALs since spring 1993. Investigation of this upward trend in nickel concentrations in Well 1386 is currently being conducted. Selenium concentrations in Well 1786 have been consistently greater than Tier II ALs since sampling was initiated in February 1990. Nitrate concentrations have declined over time in Well 1786 and have remained essentially unchanged at Well 1386. U activities (U-233/234, U-235) at Well 1386 and Well 1786 exceeded RFCA Tier II groundwater ALs during fourth quarter 2001(Kaiser-Hill, 2002b). However, U activities in these wells are consistently below RFCA Tier I groundwater ALs.

[14] The maximum detected concentration of thallium in subsurface soil is 4.2 mg/kg and its maximum detected background concentration is 4.1 mg/kg. Current RFCA ALF does not identify an AL for thallium in surface or subsurface soil. Proposed surface soil Preliminary Remediation Goals (PRGs) do not include thallium as a contaminant. Historical knowledge does not indicate thallium was used in processes that were discharged to the SEP.

Based on historical data, U and nitrate concentrations in surface soil and subsurface soil are all below RFCA Tier I and Tier II ALs. In addition, lithium, nickel, and selenium concentrations are also below Tier I and Tier II ALs in both surface and subsurface soil. A discrete secondary source of contamination has not been observed in the area of the SEP. Therefore, no additional soil removal is required for purposes of reducing the long-term stewardship obligations of the SPP treatment system.

The current SPP collection and treatment system was installed as an IM/IRA and placed into operation in 1999. This new system replaced the previous temporary MST storage and Building 374 evaporation treatment systems. The SPP system collects water primarily from the old 1,100-foot-long ITS, passes it through a two-stage treatment cell containing iron filings (to remove U from water) and wood chips, and discharges the effluent to a gallery near Walnut Creek. Groundwater influent concentrations of U are fairly constant at 20 to 30 pCi/L. U effluent concentrations from the SPP treatment system are 0 to 0.96 pCi/L, averaging 0.15 pCi/L (DOE 2001). A minor modification to the 1999 IM/IRA was submitted and approved by CDPHE during Fiscal Year (FY) 02, to increase the amount of water treated by the treatment system, by installing a collection sump in the existing collection trench and pumping groundwater into the existing treatment cell. Gauging Station (GS) 13 is the performance monitoring location for the SPP treatment system.

Tritium has been detected in the vicinity of the SEP in both surface soil and groundwater based on historical sampling conducted in 1991. A signature of tritium was observed around the ponds in groundwater with a maximum concentration of 13,850 pCi/L in 1991. This concentration was below the drinking water standard of 20,000 pCi/L and currently this concentration is approximately 6,300 pCi/L due to radiological decay. Vadose transport and dispersion in saturated zones should further reduce this maximum concentration.

Tritium sampling has also been conducted near the SPP treatment system and the Site boundary to assess possible surface water impacts. The maximum concentration detected near the SPP treatment system in 1991 was 780 pCi/L. This detection was observed in January 1991 and exceeded the surface water standard of 500 pCi/L. Subsequent samples collected from October 1991 to February 1992 had concentrations below the surface water standard. Samples collected after April 1991 had tritium concentrations below detection limits. The overall averaged concentration at this location was 55 pCi/L. Tritium samples collected at the Site boundary from 1991 to 2002 had a maximum reported concentration of 13,400 pCi/L in 1991. Maximum concentrations steadily declined in the following years from 3,310 pCi/L and were below detection limits from 1999 to present day. Detection limits ranged from 150 to180 pCi/L at the Site boundary location.

The activity of tritium in groundwater and surface water near the SEP, and for the Site as a whole, are well below drinking water and surface water standards.

3.2 Soil Contamination

Extensive historical data from analysis of surface and subsurface soil from the SEP area were collected, quantified, and originally stored in electronic format in the RFETS environmental Soil Water Database (SWD). The sampling and analytical programs followed approved work plans,

and chemical analytical results were validated in accordance with EPA and RFETS data validation guidelines. All contaminants detected are PCOCs.

In addition, characterization data obtained based upon actions conducted in accordance with the IASAP and the ER RSOP, such as confirmation samples collected after the removal of sumps, have been included in the closeout report and will not be included in this PAM.

3.2.1 Surface Soil Contamination

Surface soil contaminants include metals, nitrates, and radionuclides. The distribution of these contaminants on the SEP berms and nearby indicates that surficial contamination may have resulted primarily from aerosol dispersion of SEP liquids or SEP overtopping. The drainage tile between Pond 207-A and the 207-B Ponds appears to have discharged contaminants to the hillside north of the SEP. The occasional incidence of elevated metals in the seep areas north of the SEP were attributed most likely to the local accumulation of metals transported in groundwater that discharges to the ground surfaces. Although metal concentrations in seeps are occasionally elevated, there is no distinctive metals plume associated with the SEP (DOE 1999a). These fluctuations may be associated with variations in water chemistry such as pH or the concentration of various anions.

The sporadic distribution of semivolatile organic compounds (SVOCs) in surficial soil and their absence in vadose zone soil suggests that these contaminants are not related to waste management practices at the SEP. The SEP have been lined and relined on several occasions with asphaltic material, and the staging of asphaltic construction materials or operation of a "hot-mix" batch plant may have contributed to the isolated sources of polycyclic aromatic hydrocarbon contamination. In addition, the distribution of polychlorinated biphenyl (PCB) Arochlor-1254 does not display a pattern consistent with contamination migration from the SEP. (Refer to OU 4 Solar Evaporation Ponds, Interim Measure/Interim Remedial Action Environmental Assessment Decision Document, Part II, Volume 1, Section 4 [DOE, 1995a].)

All concentrations of contaminants are below RFCA Tier I. In addition, contaminant concentrations are below proposed soil ALs (October 2002), with the exception of manganese, which is discussed further in the risk assessment (Attachment II) for the SEP.

3.2.2 Subsurface Soil Contamination

Subsurface soil samples were collected from within the 0 to 6 foot depth interval, the 6 to12 foot depth interval, and depths greater than 12 feet. (Most samples stopped at the top of bedrock.) Samples outside the SEP were composited over 6-foot intervals, with the exception of samples for VOC analyses, which were collected at discrete 2-foot intervals. The sample intervals for collection of subsurface samples beneath the SEP were specified in TM No. 2 and varied from those subsurface samples collected outside the SEP as follows:

Samples composited over 2 foot intervals:	Radionuclides, Target Analyte List (TAL) metals
Samples collected 2 feet below ground and at every other 2 feet, and one sample from bedrock:	VOCs
Samples composited over 4 foot intervals:	Nitrate

Samples composited over 6 foot intervals: SVOCs, pesticides, PCBs, cyanide, sulfide

Subsurface contaminants include metals, VOCs, radionuclides, and nitrates. The extent of metals contamination in the subsurface was more limited than in the surficial soil; however, the general distribution was similar. Metal contaminants (barium, cadmium, calcium, potassium, sodium, and zinc identified as PCOCs in the OU 4 IM/IRA) occurred predominantly in the immediate vicinity of and beneath the SEP (in the 0.5 to 4 foot range). With the exception of barium (highest concentration ranged between 3.5 to 9.5 foot range) and zinc (highest concentration ranged between 12.2 and18.2 feet), concentrations of metal contaminants generally decreased with depth. The distribution of metals in the subsurface indicates that metals entered the vadose zone from SEP liner breaches and were subsequently sorbed onto the soil matrix. Elevated metal concentrations also occurred at the outfall of the drainage tile on the hillside north of the SEP (DOE 1995a).

Toluene, acetone, and methylene chloride were the only VOCs detected at significant frequencies. Although toluene was frequently detected, the results of the duplicate sample evaluation indicate that the analyses for toluene were not accurate and precise. The pervasive distribution of toluene in the subsurface at low levels indicates that external factors, such as cross-contamination during sampling or analysis, may have been responsible for the identification of toluene in samples. Acetone and methylene chloride were detected in equipment rinsate and laboratory blanks, which also suggests that these VOCs were introduced during sampling and laboratory activities (DOE 1995a).

The distribution of radionuclides (Am-241, Pu-239/240, U-233/234, U-235, U-238, radium (Ra)-226, strontium (Sr)-89/90, cesium (Cs)-134, Cs-137, gross beta, and tritium were identified as PCOCs in the OU 4 IM/IRA) beneath the SEP indicates that activities generally decreased with depth. With the exception of U-233/235, U-238, gross beta radiation sources, and tritium, the presence of radionuclide contaminants is generally restricted to areas beneath the SEP (0.5 to 6 foot range) and the drainage tile outfall area north of Ponds 207-A and 207-B North. The exceptions listed are found beneath the SEP, and north, downgradient of the SEP at seeps within the former PA and further downslope (north) of the former PA in the Buffer Zone (BZ) (DOE 1995a). U contamination exists as a large dispersed area of very low activities beneath and to the north of the SEP; no discrete secondary source of U is apparent (Kaiser-Hill 2001).

The distribution of nitrate in the subsurface (0.5 to 4 foot range) suggests that nitrate has a distribution pattern similar to that of tritium and that concentrations decrease with depth. Cyanide is present beneath Pond 207-A, north of the drainage tile outfall area, and north of Pond 207-C at shallow depths (0 to 6 feet). Cyanide is also found pervasively throughout the vadose zone beneath the northeastern portion of Pond 207-B North, and at depth (greater than 12 feet) northeast of the SEP in the BZ (DOE 1995a).

All contaminant concentrations are below RFCA Tier I ALs. In addition, all subsurface soil contaminant concentrations are below proposed soil ALs (DOE, et al. 2002), with the exception of arsenic. The maximum detected concentration of arsenic in subsurface soil is 24.6 mg/kg and the proposed action level is 22.2 mg/kg. However, in following the proposed RFCA Attachment

5 soil risk screen process, no further accelerated action is required. (For specific depths and concentrations of contaminants, refer to the various tables in Appendix A.)

3.3 Liner Contamination

Fifteen pond liner material grab samples were collected as part of the OU 4 Phase I RFI/RI activities conducted in 1993; results were summarized in the 1995 proposed IM/IRA Decision Document for OU 4. Six samples were collected from Pond 207-A, and three samples each from Ponds 207-B North, 207-B Center and 207-C. These pond liner material samples were submitted for determination of TAL metals and radiochemical analytes. Cyanide analysis was also included for Ponds 207- B North and Center. Four additional samples were collected in Pond 207-C and analyzed for metals using the Toxicity Characteristic Leaching Procedure (TCLP).

Organic analysis was not conducted on the samples collected from the liner material, because the matrix of the material (asphalt) would interfere significantly with the method of analysis resulting in extremely high detection limits and data that cannot be interpreted. The overall concentration of organic contaminants that may be present in the liner material would be significantly less compared to the concentration of the matrix material. Therefore, because the ponds managed low concentrations of organics in the wastewater and sludge[15], the ponds were designed to evaporate, and asphalt is an impermeable material, it is conservatively assumed that the concentrations of organics detected in subsurface soil (more absorbent than asphalt) are representative of the liner material as well. It is also noted that solvents and other organics were not reported to have been routinely discharged to the SEP (DOE 1995a).

Metals and radionuclides were detected in the liner material samples. The highest concentrations of metals were detected in Ponds 207-A (cadmium and lead) and 207-C (arsenic). Pond 207-A and Pond 207-C historically managed waste with higher concentration of contaminants. However, the TCLP results for the liner material from pond 207C indicate all RCRA metals were below regulatory limits and, therefore, the liner material is not a characteristic hazardous waste due to the presence of metals. These TCLP results are considered representative of all the ponds based on a review of all the pond liner material data, the historical use of the ponds, and a review of historical data associated with wastewater and sludge managed in the ponds.

4.0 FUTURE LAND USE

The current conceptual land use for the IHSS 101 AOC, as shown in RFCA Attachment 5, Figure 1, is a capped area and monitored retrievable storage, surrounded by a larger restricted open space area. Future on-site land use at RFETS includes environmental restoration, decontamination and decommissioning, and transfer of jurisdiction to the U.S. Fish and Wildlife Service for use as a wildlife refuge, in accordance with the Rocky Flats National Wildlife Refuge

[15] In accordance with an EPA memorandum to the CDH (February 27, 1989): "After review of the analytical information presented in the solar ponds closure plans, it is apparent that the ponds did not contain listed organic solvents above land ban restrictions levels when analyzed in 1984, 1985 and 1986." (EPA 1989). In addition, analytical data collected in August 1991 indicate that VOCs, SVOCs, and alcohols were not detected in the liquids from Pond 207-A, and the B-series ponds. Parts per billion levels of tetrachloroethene and trichloroethene were detected in the liquids from Pond 207-C (DOE 1995a).

Act of 2001. The refuge is currently envisioned to require minimal maintenance following remediation, however, wildlife refuge workers (WRWs) are assumed to be present onsite for most of the year and engaged in refuge maintenance and ecological work activities. Ecological surveys performed in compliance with the Threatened and Endangered Species Act indicate the presence of habitat potentially suitable for protected plant and animal species, such as the Preble's Meadow Jumping Mouse. Because of the conceptual land use, residential development is not considered a foreseeable future land use scenario and was not included in the risk assessment.

5.0 EVALUATION OF RISKS

Attachment I presents an evaluation of data adequacy used to support and quantify risk calculations submitted in the human health risk assessment (HHRA) presented in Attachment II. The HHRA estimated health risks for WRW onsite receptors that could be exposed to COCs at the SEP AOC, based on historical data. (Results of this risk assessment do not take into account soil removed in accordance with ER RSOP Notification #02-08.) The AOC covered by the data evaluation and risk assessment is shown in Appendix A, Figure 1.1, and covers approximately 33 acres. The AOC was defined to include the modified IHSS 101, as well as an additional area to the south and north based on existing analytical data. Exposure media evaluated include surface soil, subsurface soil, pond liner material and outdoor air.

Extensive historical data from analysis of surface and subsurface soil and pond liner material from the SEP area were collected, quantified, screened, and then used to select COCs for a risk assessment. (Refer to Appendix A of the risk assessment for a description of the screening process.) These data[16] were filtered and screened to ensure usability for risk assessment purposes. All contaminants detected are considered PCOCs. PCOCs were screened relative to PRGs for an on-site WRW exposure scenario set to a 1E-06 risk level and a HQ hazard quotient of 0.1, given that the target risk level is 1E-05. This ensures that the cumulative effects of PCOCs will be taken into consideration. Based on the risk assessment (Attachment II, the following COCs were identified:

Surface Soil	Liner Material	Subsurface Soil
Cadmium	Chromium	Cadmium
Chromium	Am-241	Am-241
Am-241	U-235	Pu-239/240
Pu-239/240		U-234
U-234		U-235
U-235		U-238
U-238		

Am-241, Pu-239/240, and U-235 in surface soil are the largest contributors to risk. (Although manganese concentrations were above the proposed soil ALs (DOE, et. al. 2002), it was dropped as a COC because levels were was not statistically above background.) A complete set of the

[16] Data collected in 2002 as a result of the activities identified in ER RSOP Notification #02-08 and IASAP Addendum #IA-02-07 were not included in the data set used in the risk assessment.

data used in the risk assessment and an evaluation of the data are presented in Appendix A of the risk assessment.

Results of the risk assessment indicate the cumulative HI for non-carcinogenic health effects for RCRA constituents were well below 1.0 (0.04) for reasonable maximum exposure (RME) conditions. No adverse noncarcinogenic health effects are expected, even for sensitive individuals, because HIs are less than 1.0. Therefore, no action is warranted due to non-carcinogenic effects.

The total cancer risk to a WRW due to RCRA constituents is 6E-07 and 5E-06 for radionuclides. Therefore, based on achieving protective media cleanup standards for human health that support a risk less than 1E-05 for a WRW, no action is necessary for either RCRA or radionuclide COCs due to carcinogenic effects.

With regards to the liner material, the risk assessment identified only one metal, chromium, as a COC. The risk from chromium in the liner material was 3E-07. The concentrations of all other metals in the liner material and the of organics present in the subsurface soil (conservatively assumed to be representative of the liner material) were screened to below 1E-06 for a WRW scenario. Therefore, the liner material is determined not to contain hazardous waste above a 1E-05 risk to a WRW.

6.0 CONCLUSIONS

Based upon the current condition of the SEP area and on previous actions taken the following conclusions are supported:

- The source of the SPP contamination was the waste managed in the ponds; this waste has been removed from the ponds.
- Groundwater contamination is being treated and is addressed under a separate IM/IRA.
- Groundwater contaminants that are also present in soil are all below current RFCA Tier II ALs.
- The liner material was determined not to contain hazardous waste above a 1E-05 risk and is not a characteristic hazardous waste.
- The total carcinogenic risk to a WRW for RCRA constituents is 6E-07. The risk for radiological contaminants is 5E-06. Both of these risks are below the target risk of 1E-05 for a WRW.
- The HI for non-carcinogenic effects are less than 1.0.
- Concentrations of contaminants in soil do not pose an unacceptable hazard to ecological receptors.
- Other RCRA units in the SEP area have been closed by removal.

- All aboveground structures, including sumps, valve pits, and lines located less than 3 feet belowgrade have been removed.

In addition, separate from RCRA closure, radiological contaminant activities have also been determined to be below both RFCA Tier I ALs and proposed soil ALs (DOE, et al. 2002). Therefore, under CERCLA, no additional action is required for these contaminants.

6.1 RCRA Closure

This section focuses only on RCRA constituents for purposes of demonstrating closure of the SEP and the entire AOC. The alternative closure requirements have been defined as follows:

- Achieve protective media cleanup standards for human health at 10-05 lifetime excess cancer risk for a WRW;
- Provide that the concentration of contaminants in soil do not exceed an HI of 1 for a WRW;
- Ensure that contaminants that exceed the ecological ALs for target species (listed in Table 3 Action Levels, in Attachment 5 of RFCA [DOE, et al. 2002]) do not pose an unacceptable hazard considering the target species and exposure unit for that species, and the location, areal extent and concentration of contamination; and
- Comply with the closure performance standard in 6 CCR 1007-3, Section 265.111(a) and (b).

As previously discussed, the results of the risk assessment indicate that for RCRA constituents the total cancer risk to a WRW is 6E-07, which is well below the closure requirement of 1E-05 for a WRW. The HI is 0.04, which is below 1.0, and contaminant concentrations are below ecological ALs.[17]

The closure performance standard of 6 CCR 1007-3, Section 265.111(a) and (b) is defined as:

- Minimizes the need for further maintenance; and
- Controls, minimizes, or eliminates, to the extent necessary to protect human health and the environment, post-closure escape of hazardous waste, hazardous constituents, leachate, contaminated runoff, or hazardous waste decomposition products to the ground or surface waters or to the atmosphere.

Therefore, to demonstrate compliance with this closure performance standard, the following sections discuss each of these requirements.

6.1.1 Minimize the Need for Further Maintenance

No further maintenance of the SEP AOC is required for the following reasons:

[17] There is one elevated concentration of lead (121 mg/kg) above the ecological action level (97.7 mg/kg), which was determined not to be an impact to target species.

41

- The concrete pads associated with RCRA Units 21 and 48 were closed by removal.
- Contaminated soil beneath the concrete pads associated with RCRA Units 21 and 48 was removed.
- Segments of the OPWL, valve vaults associated with the OPWL, and collection sumps associated with drainage tiles and the leak detection system were removed.
- Contaminated soil around the OPWL, valve vaults, and collection sumps were removed.
- Contaminated soil from PAC 900-1310 was removed.
- Soil removal was not necessary for purposes of reducing the long-term stewardship obligations of the SPP treatment system.
- No leachate is being generated from the current SEP configuration.
- The SEP liner material at the surface, as it currently exists, does not contribute to risk.
- The concentration of contaminants in soil do not exceed an HI of 1 for a WRW.
- The concentration of contaminants in soil does not pose an unacceptable hazard to ecological receptors.
- All surface and subsurface soil contaminants are below RFCA Tier I ALs.
- Contaminant concentrations are below the proposed soil ALs (DOE, et al. 2002), with the exception of manganese, which was determined not to be statistically above background.
- The total cancer risk to a WRW due to RCRA constituents is 6E-07, which is well below target risk of 1E-05 for a WRW scenario.

6.1.2 Post-Closure Escape of Hazardous Waste

Because the source of contamination associated with the SEP (wastewater and sludge) has been removed, the potential for post-closure escape of hazardous waste has been eliminated. In addition, both the liner material and surrounding soil are determined not to contain hazardous waste above a 1E-05 risk to a WRW. In addition, the liner material does not exhibit the toxicity characteristic for D004-D011 metals and is not considered a D001, D002, or D003 hazardous waste.

6.1.3 Post-Closure Escape of Hazardous Constituents

Because the source of hazardous waste has been removed, and both the liner material and soil do not contain hazardous waste above the 1E-05 risk to a WRW, the potential for post-closure escape of hazardous constituents does not present a situation adverse to the long-term protection of human health and the environment.

6.1.4 Post-Closure Escape of Leachate

Because all hazardous waste has been removed, and remaining constituents are below risk-based levels, the potential for post-closure escape of leachate has been minimized. Currently, no leachate exists from the SEP.

6.1.5 Post-Closure Escape of Contaminated Runoff

Both the liner material and soil have been determined not to contain hazardous waste above the 1E-05 risk to a WRW. Therefore, the potential for post-closure escape of contaminated runoff has been minimized.

6.1.6 Post-Closure Escape of Hazardous Waste Decomposition Products

Because all hazardous waste has been removed, and the liner material and remaining soil do not contain hazardous waste above the 1E-05 risk to a WRW, the potential for post-closure escape of hazardous waste decomposition products has been minimized.

This PAM is proposing a NFA designation for the SEP AOC, because the SEP meet the alternative RCRA closure requirements by achieving cleanup to the 1E-05 risk for a WRW and complies with the closure performance standard in 6 CCR 1007-3, Section 265.111(a) and (b).

6.2 IHSS 101

Without additional remedial action, the SEP area, including IHSS 101, is protective of human health and the environment because the total carcinogenic risk to a WRW for RCRA constituents is 6E-07 and for radiological contaminants is 5E-06. The HI for non-carcinogenic effects is less than 1.0. Contaminant concentrations remaining are below the ecological AL (DOE, et al. 2002) for target species. In addition, all surface and subsurface soil contaminant concentrations are below RFCA Tier I ALs for open space; all surface and subsurface soil contaminant concentrations are below the proposed RFCA ALs (DOE et al. 2002) resulting in a lifetime excess cancer risk of 1E-05 to a WRW. Consequently, no further remedial action is required for IHSS 101.

6.3 Summary

Table 6-1 summarizes the activities required for completion or closure of the SEP and the various other units that exist within IHSS 101.

7.0 ENVIRONMENTAL IMPACTS

Paragraph 95 of RFCA specifies that National Environmental Policy Act (NEPA) values will be included in RFETS decision documents (DOE, et al. 1996). While environmental consequences are addressed in part throughout the decision document, this section of the document specifically examines environmental impacts and satisfies the RFCA requirement for a NEPA-equivalent assessment.

Table 6-1
Completion Table III

Unit Name	RCRA Unit/IHSS/PAC	Required Completion Activity	Mechanism For Completion	Completion Documentation
SEP	RCRA Interim Status Unit (No number), IHSS 101, and PAC 000-101	RCRA Closure for RCRA Unit, and NFA for IHSS and PAC	RCRA Closure using alternative closure requirements, achieving 10^{-5} risk and an HI <1 to a WRW for RCRA constituents. COCs in soil do not pose a hazard to ecological receptors[18]. NFA determination for remaining contaminants using RFCA Tier I ALs, achieving 10^{-5} risk to a WRW, HI <1, and are below proposed soil ALs (October 2002)[19].	PAM and HRR
A portion of OPWL, sumps and valve pits	Portions of IHSSs 121 and 149.1 (no PAC number)	NFA for IHSSs	A portion of the line was removed, remaining lines are > 3 feet belowgrade, and the soil in areas of known releases is below RFCA Tier I ALs.	Closeout Report and HRR for IHSS and PACs
A portion of NPWL[20]	A portion (Box 5 at Building 910 to UBC Site 774 fence) of RCRA Unit 374.3 and PAC 000-504 (no IHSS number)	Partial RCRA closure and NFA for PAC	RCRA closure by removal of the aboveground line.	
MST line	No specific IHSS or PAC[21] No.	None	NA	
Permacon Concrete Pad	RCRA Permitted Unit 21 (no IHSS or PAC number)	RCRA closure	RCRA closure by removal of the concrete pad and soil to RFCA Tier I ALs.	
Clarifier and 308A pumphouse Concrete Pads	RCRA Interim Status Unit 48 (no IHSS or PAC number)	RCRA Closure	RCRA closure by removal of concrete pads and soil to RFCA Tier I ALs.	
ITS Water Spill	PAC 900-1310 (no IHSS No.)	NFA for PAC	Removal of soil to RFCA Tier I ALs. (Recent analytical results indicate radionuclides, nitrate/nitrite and metals < Tier II ALs, except arsenic < Tier I ALs.)	
Entire Area considered SEP AOC			• Risk at 1E-05 and HI <1 to a WRW for all contaminants. • COCs in soil do not pose a hazard to ecological receptors. • Radiological contaminants are below RFCA Tier I ALs. • Groundwater contaminants that are also in soil are below Tier II soil ALs. • Remaining contaminants are below proposed soil ALs (10/2002).[18]	PAM

[18] After consultation with the regulatory agenices, it was determined that there is one elevated concentration of lead (121 mg/kg) above the ecological AL (97.7 mg/kg), which was determined not to be an impact to target species.
[19] The maximum surface soil manganese concentration exceeds the proposed soil ALs (DOE et al. 2002), however manganese was determined not to be statistically above background in the risk assessment and it was not identified as a COC. The maximum subsurface soil arsenic concentration (24.6 mg/kg) exceeds the proposed soil AL (22.2 mg/kg); however, this concentration was detected at a depth of 13 feet, which was, therefore, not included in the risk assessment, and arsenic was not identified as a COC.
[20] The NPWL has multiple RCRA unit numbers associated with it. RCRA Unit 374.3 only represents the portion of the NPWL located within IHSS 101.
[21] This line could be associated with the Interceptor Trench Pumphouse, PAC NE-1409, which received NFA approval in 2001.

In general, this PAM demonstrates that the SEP can be left in their current condition without presenting an unacceptable risk to human health and safety or the environment. Closure of the SEP, without implementing best management practices (BMPs) such as leveling the berms and ponds, will not affect or will have very minor effects on air quality, groundwater, ecological resources, soil and geology, and human health and safety. The visual appearance of the SEP will not match the appearance of a native grassland, and reestablishment and maintenance of native vegetation may be more difficult than on a contoured surface; however, these effects would not be significant. Surface water will collect in the SEP after rains or snowfall; generally, the collected water will evaporate. While sampling of water in Pond 207-A demonstrates that most parameters will pass surface water standards, if activities are planned in or around the SEP, surface water will be removed and managed per existing Site procedures (for example, for incidental water).

Implementation of BMPs will have more notable impacts, which will be both beneficial and adverse. In most aspects, the impacts will be positive and lasting. Positive impacts will occur by reducing or eliminating movement of and exposure to residual contaminants from the SEP, by increasing wildlife habitat, and through an improvement in the appearance of the area. Adverse impacts are limited to temporary effects, such as increased air emissions from the use of heavy equipment, potential erosion during remedial activities, and increased risks to safety during remedial operations. Both social and environmental impacts associated with the BMPs were considered. The following sections discuss the impacts from the BMPS; some issues are briefly discussed in the following paragraphs only.

The SEP project does not affect compliance with the Historic Preservation Act of 1966. Because the project area has been disturbed previously, and most of the subsurface will not be further disturbed, the discovery of archeological or historic artifacts is very unlikely. If such artifacts are encountered, work will be stopped and appropriate RFETS procedures will be followed.

Equipment used and dust generated during the BMP activities will be visible temporarily, and dust-control measures, such as watering, will be used as needed. Long-term, reclamation of the area will provide a more natural appearing landscape. Noise levels will be temporarily elevated during BMP activities, however, they are not expected to exceed levels commonly encountered during highway construction projects. Sensitive human receptors are not found near the SEP; therefore, noise is not a concern.

In accordance with Executive Order 12898, potential impacts on minority and low-income populations were considered. The activities will occur on site away from inhabited areas, and will not lead to offsite indirect effects on nearby populations. Disproportionately high and adverse human health or environmental effects will not be imposed on these populations. The BMP activities will provide short-term employment for a limited number of people (less than 1 percent of currently employed RFETS personnel), and socioeconomic effects of the activities will be minimal.

7.1 Air Quality

Implementation of the BMP will impact air quality; however, the impacts to air quality will be temporary, and will primarily occur from the operation of construction equipment. Fugitive dust,

including total suspended particulates (TSP) and particulate matter less than 10 micrometers in aerodynamic diameter (PM_{10}), is of greatest interest.

Fugitive dust emissions are estimated by identifying the types and capacities of the construction equipment to be used, duration of activities, the area or volume of soil to be disturbed, travel distances, environmental conditions, and use of an emission factor for each category of operations. The estimates use factors and equations for estimating emissions from the Compilation of Air Pollutant Emission Factors, AP-42, 5th Edition, Volumes 1 and 2 (EPA 2000).

Fugitive dust emissions were estimated using factors for bulldozers, graders, and scrapers for the purpose of moving berms and importing 35,000 cubic yards of soil. The work includes contouring the entire site, and is estimated to last for 6 weeks at 40 hours per week.

Total projected emissions are 5.5 tons TSP, and 2.3 tons PM_{10} (AQM 2002). The fugitive dust quantities are total amounts for the entire project. Most fugitive dust emissions will fall back to the ground at the SEP. The fugitive dust will include several nonradiological components that are specifically estimated. The following emissions are total amounts for the entire project on an annual basis: arsenic (6E-03 pounds); cadmium (3E-01 pounds); chromium (10E-02 pounds); and manganese (6E+00 pounds). Monitoring these emissions is conducted with special attention to a specified level of concern of 250 pounds per year; therefore, these emissions are not significant.

Radiological emissions are based on the initial surface soil screening. The modeled result for the SEP activities is 2.9E-03 mrem per year effective dose equivalent (EDE) to the maximally exposed individual (person most greatly impacted by the activities). The modeled EDE is well below the threshold monitoring level of 0.1 mrem per year, and radiological emissions are not significant.

7.2 Surface Water

The SEP are situated on a level area and cover about six acres. The entire SEP AOC covers approximately 33 acres. Surface water consists of small amounts of water in the ponds; water in the ponds will be removed prior to the berms being pushed in. Surface water concerns are related to runoff and the effects on nearby drainages.

During contouring of the area, soil can be transported by runoff from precipitation events. The ground surface north of the SEP slopes steeply downward toward North Walnut Creek; however, surface water flow is intercepted by open channels and stormwater culverts.

Surface water monitoring will be conducted as part of the Sitewide IMP to ensure that contaminant concentrations are not increasing, and that water quality standards are met.

7.3 Groundwater

Groundwater quality in the area of the SEP will not be directly affected by BMP activities. Groundwater is not directly addressed by this PAM; remedial actions for groundwater are

considered in other plans. For example, the groundwater plume under and downgradient of the SEP is being addressed as part of the ongoing SPP IM/IRA.

The long-term indirect effect of the BMPs will be to direct water away from the area of the SEP, and allow greater volumes of water to be captured by plants growing on the site and released through the evapotranspiration process.

7.4 Ecological Resources

As currently configured, the SEP have little ecological value, and activities to cover and contour the SEP will have little short-term impact on ecological resources. The finished site will provide 33 acres of revegetated open space that will have value for small mammals, songbirds, and similar species. The ecological value of the SEP area should increase over time, as the surrounding area is also revegetated, and animal species are better able to use the site. The area is to be revegetated with native plant species, which will be beneficial; however, but adverse impacts could occur if weed species are allowed to infest the area. The controls to ensure that a natural vegetative cover is established, and weed growth is prevented, will be identified and implemented in the Final Site Corrective Action Document/Record of Decision (CAD/ROD).

7.5 Soil and Geology

The ponds will be filled with material from the berms (material originally excavated from the site) and additional soil will be brought in as fill and topsoil. Contaminated soil within the SEP was removed prior to implementing the BMP. Removal of contaminated soil will benefit the area as a whole. The use of mixed soil to change the area from an industrial pond use to a more natural prairie setting will also be beneficial in terms of soil and soil productivity in the remediated SEP area.

In the borrow site east of the ponds, where fill materials will be obtained, surface soil will be removed and soil productivity will be reduced.

Subsurface geological resources would not be affected. Prime or unique farmlands would not be affected.

7.6 Human Health and Safety

Closure of the SEP is being approached in a manner that identifies and evaluates cumulative risks to human health and safety. To ensure protection of human health and the environment, a risk assessment was performed based on COCs within the AOC. In particular, this PAM reviews the long-term risk to a hypothetical person subject to the greatest exposure (i.e., a future WRW). Short-term construction activities, which can pose a direct risk of injury to workers, are also evaluated in this PAM.

BMP activities in the area of the SEP are comparable to typical construction activities (for example, operation of heavy equipment); unique or unusual activities are not associated with the closure. The activities will be short-term, lasting days to months, and will pose safety risks for workers that are similar to other demolition and construction operations. These risks are addressed through various controls required at the Site. For example, a project-specific Health

and Safety Plan (HASP) will address the entire scope of the project. As part of the HASP, a Job Hazard Analysis (JHA) will be prepared that will address each task, the hazards associated with that task, and the controls (for example, the use of personal protective equipment [PPE]) needed to minimize the risk inherent in that task. These controls and the focus on safety minimize the short-term risk associated with the project.

The long-term health and safety risk associated with the closed SEP is the focus of this document. As a primary requirement to closing the SEP, this document looks at future risks to a hypothetical most highly impacted person (i.e., WRW). The risks are based on an evaluation of COCs, which could have non-carcinogenic and carcinogenic effects on WRWs. This conservative approach bounds the maximum impact for offsite receptors or future visitors, because the risks to a WRW will be much higher than to any other person.

Non-radiological health effects from exposure to chemicals using an HI. An HI greater than 1 is considered to be a basis for concern. The risk assessment in this PAM finds that the HI for non-carcinogenic health effects is well below 1 (0.04). The total cancer risk to a WRW, due to exposure to RCRA constituents left at the SEP, is less than 1 excess cancer case per 1 million exposed individuals (6E-07), and the total cancer risk to a WRW due to radionuclides (principally Am-241 and U-235) is 5E-06. These risks are well below the RCRA closure requirements for non-radiological contaminants and below the RFCA Tier I ALs for radiological contaminants. Therefore, the potential impact to the long-term health and safety of WRWs (and other persons) is insignificant.

7.7 Irreversible and Irretrievable Commitment of Resources

Irreversible and irretrievable resources are resources that are consumed, committed, or lost. Activities discussed in the PAM will irreversibly and irretrievably use or commit resources, but will not result in a significant loss of resources. Committed resources include the consumptive use of geologic resources and fuel use during construction activities. Fill, clay, sand, and gravel will be needed; the proposed approach requires a permanent commitment of approximately 35,000 cubic yards of these materials. Adequate supplies are available locally without affecting local demand for these products. Fuel will be consumed by construction equipment and vehicles performing the construction, and will not be recovered.

7.8 Cumulative Impacts

Cumulative impacts may result from the combination of incremental impacts from past, present, and reasonably foreseeable future actions. Cumulative impacts could have the potential of being more significant than individual impacts due to synergism between types and areas of impacts or the individual impacts collectively resulting in significant effects to the environment.

The Rocky Flats Environmental Technology Site Cumulative Impacts Document (CID) (DOE 1997) provides a broad-scope environmental impact analysis of activities planned to achieve the current RFETS mission of site cleanup and closure. Environmental issues related to closure in general are addressed in that document. Specific activities, such as remediation of the SEP, may have cumulative effects, although at this time there are no other activities planned in the vicinity of the SEP that are expected to have significant cumulative environmental impacts.

Likely activities that would occur in the vicinity of the SEP would include the removal of SEP components. Components removed would include, for example, contaminated facility slabs, abovegrade waste lines, valve vaults, collection sumps, manholes, utilities and support racks, concrete ramps and barriers, soil contaminated by known releases (that is, OPWL, valve vaults, and collection sumps), unnecessary groundwater monitoring wells, and lysimeters. Decommissioning and demolition activities throughout the Site would continue, and trucking of waste and materials would be cumulative with the SEP closure.

The following types of cumulative impacts may occur:

- Implementing the BMP means that approximately 35,000 cubic yards of soil will be brought in to this area. While traffic generated by the project will occur at the same time as other activities, the vehicle travel will occur on RFETS, and the impact will be temporary and insignificant.
- Water erosion of the SEP berms could occur if substantial rainfall occurs during remedial activities; other projects with exposed soil would also be eroded. Given the generally flat area of the SEP, and mandatory erosion controls at RFETS, significant cumulative erosion would not be expected.
- Along with the rest of the IA, the revegetated SEP will provide additional habitat for wildlife. The effect will be beneficial as long as weed growth is prevented.
- The visual impact of the remediated area will be enhanced as other parts of the Site are also remediated.

8.0 LONG TERM STEWARDSHIP

This stewardship evaluation describes current site conditions, proposed actions and the anticipated effect on current site conditions, and stewardship recommendations.

8.1 Current Site Conditions

Based on previous studies and removal actions at the SEP (Sections 2.0 and 3.0), all contaminant concentrations are less than RFCA ALs in surface and subsurface soil with the exception of manganese, which was eliminated as a COC at this site. Radionuclides (Am, Pu, and U) and metals (cadmium and chromium) are found in concentrations greater than background in surface soil. Radionuclides (Am, Pu, and U) and cadmium are found in concentrations greater than background in subsurface soil. Am, U, and chromium are found in concentrations greater than background in the liner material.

Results of the risk assessment (Section 5.0 and Attachment II) indicate the cumulative HI for non-carcinogenic health effects was well below 1.0 (0.04) for RME conditions. The total cancer risk to a WRW was 6E-07 and 5E-06 for radionuclides before removal of hot spots. Risk was further reduced by hot spot removal.

Surface soil areas exceeding proposed soil ALs (DOE, et al. 2002) for Am-241 and Pu-239/240 were removed in accordance with ER RSOP Notification #02-08 (DOE 2002b). These removals also resulted in removing soil with beryllium and cadmium concentrations greater than ecological receptor ALs. Lead concentrations were determined to be significantly lower than background values and was eliminated as an ecological COC.

An evaluation of contaminant concentrations present in surface and subsurface soil associated with the ponds indicated there is no source term present that could impact surface water by leaching and transport mechanisms. A reactive barrier treatment system is in place north of the SEP that collects and directs SEP groundwater flow to two passive treatment cells. The treatment system is designed to treat U and nitrate, but is also effective at capturing metals and VOCs.

8.2 Proposed Action Memorandum Measures

NFA is required at SEP; however, several BMPs will be implemented including the following:

- Remove standing water within the ponds;
- Sample and analyze the liner material and soil beneath Pond 207-B South;
- Collect additional samples of the liner material and soil beneath Pond 207-C;
- Push in pond berms;
- Add clean fill to create a level area; and
- Regrade and revegetate.

It is anticipated that after the BMPs are completed the risks to receptors will be eliminated because surface soil and liner materials will be covered, and contact via inhalation, ingestion, and external exposure to radionuclides and metals will be prevented.

8.3 Monitoring

Environmental monitoring, including downstream surface water and downgradient groundwater monitoring is being conducted as part of the Sitewide IMP. There are currently eight monitoring wells and five surface water-monitoring stations. Additionally, groundwater is monitored to measure the effectiveness of the treatment system.

8.4 Stewardship Actions and Recommendations

Near- and long-term stewardship requirements are based on residual contamination at the SEP AOC. Because the risk assessment results indicate environmental risks are below regulatory requirements and potential groundwater impacts are mitigated by the treatment system, near-term stewardship actions for the SEP AOC consist of the following:

- Control excavations through the Site Soil Disturbance Permit process;
- Control access to groundwater; and
- Install fencing and post signs restricting access to the site.

Because the risk assessment results indicate environmental risks are below regulatory requirements and potential groundwater impacts are mitigated by the treatment system, the long-term stewardship actions and recommendations for the SEP AOC are as follows:

- Continue Federal ownership and control over the site;
- Implement land use restrictions to prevent soil excavation that could access or disturb residual contamination. Specific land use restrictions will be discussed in the Site Long-Term Stewardship Plan and evaluated along with other institutional controls for implementation in the final remedy selection process;
- Maintain the groundwater treatment system;
- Restrict groundwater use;
- Review groundwater and surface water monitoring stations near the SEP when long-term monitoring options are evaluated; and
- Maintain environmental data and other relevant data.

These recommendations may change based upon other future Site remedial activities.

9.0 BEST MANAGEMENT PRACTICE ACTIONS

Because no additional actions are needed for purposes of demonstrating closure under RCRA, the berms will be pushed into the ponds, and the area will be graded and vegetated as a BMP.

The BMPs will involve removing any standing water within the ponds, pushing in the berms, adding clean fill to create a level area, and grading and vegetating the area. These actions will commence as a BMP, after completion of activities described under the ER RSOP notification. This includes removal of SEP components (for example, facility slabs, abovegrade waste lines, valve vaults, collection sumps, manholes, and other utilities), contaminated soil, lysimeters, and unnecessary groundwater monitoring wells that were abandoned. Contaminated soil associated with PAC 900-1310 has also been removed. Pond liners, the OPWL, drainage tiles, and leak detection lines will remain, as well as some groundwater monitoring wells. Water within the ponds will be sampled and managed based on analytical results (for example, use for dust suppression or transported to the Building 891 wastewater treatment facility). Clean fill dirt (approximately 12,000 cubic yards) and topsoil will be brought in to create a level area. The source of the fill may be an area between IHSS 165 and the North Perimeter Road. Grading will be performed to conform to the topography of the surrounding area (that is, tied in uniformly with existing contours) and provide adequate site drainage. Slopes will be kept to a minimum to

reduce erosion. The area will be vegetated with native grass species. All work will be performed to comply with Site Environment, Safety and Health requirements, including ALARA and stewardship requirements. Long-term adverse impacts from the activities are not expected.

When pushing in the berms, the bottom liner material will not be breached. Perching of groundwater in this area is not anticipated because a few of the ponds have cracks in the liners, some of the ponds will contain a few additional holes from lysimeters previously located within the ponds and from recent samples taken through the liners, the bottoms of the ponds are sloped to one corner, and a sandy fill material exists beneath the ponds. (The B-series ponds slope toward the northwestern corner. The A and C ponds slope toward the northeastern corner.) In addition, a majority of the sidewalls will be removed after the berms are pushed in, which will allow precipitation to flow out laterally. If, after the area is regraded and revegetated, water is observed to be perching in this area, equipment will be brought in (for example, GeoProbe ™) for purposes of breaching the liner material in additional locations.

Environmental monitoring, including downstream surface water and downgradient groundwater monitoring, will also be conducted as part of the Sitewide IMP to ensure that contaminant concentrations are not increasing and that water quality standards are being met. (Refer to IMP [DOE 199_] and Final Solar Ponds Plume Decision Document [DOE 1999a].) Monitoring results will be used to determine whether additional remediation is warranted.

9.1 Worker Health and Safety

All work under this proposed action will be controlled using the Site Integrated Safety Management System (ISMS) and the Integrated Work Control Program (IWCP). A project-specific HASP will be developed to address the safety and health hazards of project execution and specify the requirements and procedures for employee protection. The Occupational Safety and Health Administration (OSHA) construction standard for Hazardous Waste Operations and Emergency Response, 29 Code of Federal Regulations (CFR) 1926.65 will be used as the basis for the HASP. In addition, DOE Order 5480.9A, Construction Project Safety and Health Management, applies to this project. This Order requires preparation of an Activity Hazard Analyses (AHA) for each task, which includes identifying each task, the hazards associated with each task, and the controls necessary to eliminate or mitigate the hazards. The AHAs will be included in the HASP.

Data and controls will be continually evaluated. If field conditions were to vary from the planned approach (for example, when unanticipated hazards are encountered, such as contaminated debris and airborne contamination), an AHA would be prepared for the new conditions, and work would proceed according to the appropriate control measures.

9.2 Water Management

If belowgrade lines are encountered when pushing in the berms, special care will be taken to ensure that no liquids remaining in waste lines are released to the environment. Lines will be flushed into drums and then plugged.

During construction activities, silt fences will be used to minimize soil transport. Temporary berms could also be used to control stormwater runon and runoff and related erosion. If water were to accumulate in the ponds during backfilling operations, the water will be handled according to the practices specified in the Control and Disposition of Incidental Waters (Kaiser-Hill 1998). However, work will be conducted during the dry season; as such storm events are not expected to generate significant runoff and water accumulation problems.

9.3 Air Quality Management and Monitoring

Routine sitewide monitoring will be conducted during project execution. The Kaiser-Hill, L.L.C. Air Quality Management group maintains the RFETS Radioactive Ambient Air Monitoring Program (RAAMP), which monitors the perimeter of RFETS continuously with samples collected and analyzed on a monthly basis. The RAAMP sampling network also includes monitoring stations inside the perimeter of RFETS, from where samples are collected but not analyzed unless conditions warrant additional analysis.

Dust suppression will be performed to minimize the potential for particulate dispersion. Wind speed and direction are monitored continuously at RFETS, and these data are available through the shift superintendent.

9.4 Waste Management

Very little waste (e.g., PPE) will be generated during the backfilling and seeding operations. The existing berms and liners will not be removed, but instead will be pushed into the ponds. Almost all of the waste will be generated under other actions (Section 3.0). All waste generated will be managed according to Site procedures and regulations.

10.0 ADMINISTRATIVE RECORD

This section identifies the documents that constitute the Administrative Record (AR) file for this decision. After completion of the public comment period, all comments received from the public, the responsiveness summary, and the approval letter will be incorporated into the AR file. Approval of this decision document approval by the regulatory agencies of the projects's AR file. The following documents constitute the AR file:

- DOE, CDPHE, and EPA, 1996, Rocky Flats Cleanup Agreement, July 19, 1996 (as updated).
- EG&G, 1993, Background Geochemical Characterization Report.
- DOE, 2002, Final ER RSOP for Routine Soil Remediation.
- DOE, 1997, Cumulative Impacts Document.
- EPA, 1989, EPA Letter to Colorado Department of Health regarding the transfer of liquids between the solar ponds, February (Administrative Record # A-OU04-000180).
- DOE, 1991 – 2001, Historical Release Reports and Annual Updates.

- DOE, 2001, Industrial Area Sampling and Analysis Plan.
- DOE 2002, Human Health Risk Assessment, IHSS 101, Solar Pond.
- DPE, 1998, Solar Evaporation Ponds Closure Plan, July.
- DOE, 1992, Final Proposed IM/IRA Decision Document for the SEP, OU 4, DOE, February.
- DOE, 1992, Final Phase I RFI/RI Work Plan, OPWL, February.
- DOE, 1992, Final Phase I RFI/RI Work Plan, SEP, January 1992, as revised May 1992.
- DOE, 1992, Final TM 1, Vadose Zone Investigation, SEP, OU 4, December.
- DOE, 1993, Final TM 2 to Final Phase I RFI/RI Workplan, Modifications to Field Activities, SEP, OU 4, June.
- DOE, 1993, Final TM 3 to Final Phase I RFI/RI Workplan, Modifications to Field Activities, SEP, OU 4, June 1993.
- DOE, 1993, Final TM 4 to Final Phase I RFI/RI Workplan, Modifications to Field Activities, SEP, OU 4, June.
- DOE, 1994, Final Phase II RFI/RI Work Plan, SEP, September .
- DOE, 1995, OU 4 SEP IM/IRA Environmental Assessment Decision Document, DOE February.
- CDPHE, 1995, CDPHE Letter to DOE regarding comments on the Proposed OU 4, SEP, IM/IRA Decision Document, February 1995; (Administrative Record # I101-A-000289).
- EG&G, 1995, EG&G Letter to DOE regarding reminder of decision not to core sample 207B South-SRK-026-95,(Administrative Record # 1101-A-00007).
- DOE, 1999, Final Solar Ponds Plume Decision Document.
- DOE, 2002, ER RSOP for Routine Soil Remediation Notification # 02-08.
- DOE, 2002, IASAP Addendum # 02-07.
- DOE, 2002, Minor Modification for the Final Solar Ponds Plume Decision Document.
- DOW, 1974, External Letter from DOW to RFAO regarding Disposition of Water from Sanitary Landfill.
- EG&G 1995, Geologic Characterization Report for RFETS, Volume I.

- DOE, 2002, Groundwater Monitoring Program for 2001 Quarterly Updates.
- RMRS 1995, Solar Evaporation Pond 207C Characterization Report for RFETS.
- RMRS 1999, Final Closeout Report, Building 788 and Clarifier Tank.
- DOE 2002, Draft Closeout Report for SEP AOC.
- RMRS 1999, Final Solar Ponds Plume Decision Document.
- RMRS 1996, Management Plan for ITS Water.
- Kaiser-Hill, 2002, WARP Work Plan Addendum for SEP.

11.0 RESPONSIVENESS SUMMARY

Responses to comments are included in Attachment III of this document. Specific responses address the following comments:

- Rocky Flats Coalition of Local Governments (RFCLOG) Comments dated October 15, 2002;
- CDPHE Comments dated October 9, 2002; and
- Rocky Flats Citizen Advisory Board (RFCAB) Comments dated November 7, 2002

12.0 REFERENCES

AQM, 2002, Solar Pond Remediation PAM Calculations, RFETS, September 19.

CDPHE, 1992, May 8, 1992, letter to DOE regarding conditional approval of Final Phase I RFI/RI Workplan, Solar Evaporation Ponds (OU 4), Rocky Flats Plant, Golden, Colorado, January.

CDPHE, 1993, August 17, 1993, letter to DOE approving TM-2, Modification to Field Activities to the Final Phase I RFI/RI Workplan (OU 4) Solar Evaporation Ponds, Rocky Flats Plant, Golden, Colorado, March.

CDPHE, 1995a, January 4, 1995, letter to DOE regarding the determination of "empty" status for OU-4 Solar Evaporation Ponds (Administrative Record # I101-A-000288) January.

CDPHE, 1995b, April 11, 1995, letter to DOE regarding comments on the Proposed OU 4, Solar Evaporation Ponds, Interim Measure/Interim Remedial Action/Environmental Assessment Decision Document, February 1995 (Administrative Record # I101-A-000289) April.

DOE, 1988, Solar Evaporation Ponds Closure Plan, Rocky Flats Plant, Golden, Colorado July.

DOE, 1992a, Final Proposed IM/IRA Decision Document for the SEP, Operable Unit 4, Rocky Flats Plant, Golden, Colorado, February.

DOE, 1992b, Final Phase I RFI/RI Work Plan, Solar Evaporation Ponds (Operable Unit 4), Rocky Flats Plant, Golden, Colorado, January 1992, as revised May 1992.

DOE, 1992c, Final Phase I RFI/RI Work Plan, Original Process Waste Lines (Operable Unit 9), Rocky Flats Plant, Golden, Colorado, February.

DOE, 1993, Historical Release Report for the Rocky Flats Plant, Second Quarterly Update, October 1, 1992 to January 1, 1993, Rocky Flats Plant, Golden, Colorado.

DOE, 1994a, Historical Release Report for the Rocky Flats Plant, Seventh Quarterly Update, January 1, 1994 to March 31, 1994, Rocky Flats Plant, Golden, Colorado.

DOE, 1994b, Historical Release Report for the Rocky Flats Plant, Ninth Quarterly Update, July 1, 1994 to September 30, 1994, Rocky Flats Plant, Golden, Colorado.

DOE, 1994c, Final Phase II RCRA RFI/RI Work Plan, OU 4, SEP, RF/ER-94-00040, Rocky Flats Plant, Golden, Colorado, September.

DOE, 1995a, OU 4 SEP, IM/IRA Environmental Assessment Decision Document, Rocky Flats Plant, Golden, Colorado, February.

DOE 1995b, January 6, 1995 Letter to CDPHE regarding the status of meeting the OU 4 milestone of removing sludge and water from all the solar ponds.

DOE, 1995c, Historical Release Report for the Rocky Flats Plant, Eleventh Quarterly Update, January 1, 1995, to March 31, 1991, Rocky Flats Plant, Golden, Colorado.

DOE, 1997, Rocky Flats Environmental Technology Site Cumulative Impacts Document, Rocky Flats Environmental Technology Site, Golden, Colorado, June.

DOE, 1999, Final Solar Ponds Plume Decision Document, Rocky Flats Environmental Technology Site, Golden, Colorado, June.

DOE, 1999b, Integrated Monitoring Plan, Rocky Flats Environmental Technology Site, Golden, Colorado.

DOE, 2001, Quarterly Report for the Rocky Flats Groundwater Treatment Systems, 2001 4th Quarter, Rocky Flats Environmental Technology Site, Golden, Colorado.

DOE, 2002a, Final Environmental Restoration RFCA Standard Operating Protocol for Routine Soil Remediation, Rocky Flats Environmental Technology Site, Golden, Colorado, January.

DOE, 2002b, Environmental Restoration RFCA Standard Operating Protocol for Routine Soil Remediation Notification # 02-08, Rocky Flats Environmental Technology Site, Golden, Colorado, July.

DOE 2002c, Minor Modification to the Final Solar Ponds Plume Decision Document, Rocky Flats Environmental Technology Site, Golden, Colorado, June.

DOE, 2002d, Environmental Restoration Industrial Area Sampling and Analysis Plan Addendum #IA-02-07, Rocky Flats Environmental Technology Site, Golden, Colorado, July.

DOE, 2002e, Draft Closeout Report Solar Evaporation Ponds Area of Concern, Rocky Flats Environmental Technology Site, Golden, Colorado, December.

DOE, CDPHE, EPA, 1996, Final Rocky Flats Cleanup Agreement, Rocky Flats Environmental Technology Site, Golden, Colorado, July.

DOE, CDPHE, EPA, 2002, Draft Modification to the Rocky Flats Cleanup Agreement, Rocky Flats Environmental Technology Site, Golden, Colorado, November.

DOW, 1974, External Letter from M.A. Thompson, Environmental Sciences and Waste Control of DOW Chemical to B.W. Colston, Manager of RFAO, USAEC on March 19, 1974 regarding the Disposition of Water from Sanitary Landfill (Environmental Record Database, Image Volume 00002, Unique Control Number 00001031).

EG&G, 1994, Technical Memorandum No. 1, Addendum to Phase I RFI/RI Work Plan Field Sampling Plan Volume I, Part A Outside Tanks, OU 9 Original Process Waste Lines, Rocky Flats Plant, Golden, Colorado, May.

EG&G, 1995a, Geologic Characterization Report for the Rocky Flats Environmental Technology Site, Volume I of the Sitewide Geoscience Characterization Study, Rocky Flats Plant, Golden, Colorado, March.

EG&G, 1995b, Hydrogeologic Characterization Report for the Rocky Flats Environmental Technology Site, Volume II of the Sitewide Geoscience Characterization Study, Rocky Flats, Golden, Colorado, April.

EG&G 1995c, February 21, 1995 Letter to DOE regarding Reminder of Decision Not to Core Sample 207B South-SRK-026-95, Administrative Record # 1101-A-00007.

EG&G, 1995d, Groundwater Geochemistry Report for the Rocky Flats Environmental Technology Site, Volume III of the Sitewide Geoscience Characterization Study, Final Report January.

EPA, 1989, Letter to CDH; Mr. Gary Baughman regarding the transfer of liquids between the solar ponds, Administrative Record #A-OU04-000180, February 27.

EPA, 2000, AP-42: Compilation of Air Pollutant Emission Factors, Mobile Sources Volume II: Mobile Sources (AP-42), pending 5th edition, Office of Transportation and Air Quality, November 24.

ERM, 1996, OU 4 SEP, Phase II Ground Water Investigation, Final Field Program Report, Rocky Flats Plan, Golden, Colorado, February.

Kaiser-Hill, 1998, Control and Disposition of Incidental Waters, 1-C91-EPR-SW.01, Revision 2, Kaiser-Hill Company, L.L.C., Rocky Flats Environmental Technology Site, Golden, Colorado.

Kaiser-Hill, 2002a, Well Abandonment and Replacement Program, Work Plan Addendum for the Solar Evaporation Ponds, Rocky Flats Environmental Technology Site, Golden, Colorado, July.

Kaiser-Hill, 2001, Actinide Migration Evaluation Advisory Group: January 8-9, 2001 Meeting Minutes.

Kaiser-Hill, 2000b, Fourth Quarter RFCA Groundwater Monitoring Report for Calendar Year 2001, Rocky Flats Environmental Technology Site, Golden, Colorado, May.

RMRS, 1995, Solar Evaporation Pond 207C Characterization Report for the Rocky Flats Environmental Technology Site, Rocky Flats Environmental Technology Site, Golden, Colorado, December.

RMRS, 1996, Management Plan for the ITS Water, Rocky Flats Environmental Technology Site, Golden, Colorado.

RMRS, 1997, SPP Remediation and ITS Water Treatment Study, Rocky Flats Environmental Technology Site, Golden, Colorado.

RMRS, 1999a, Final Closeout Report, Building 788 and Clarifier Tank, RCRA Closure Decommissioning Project, and Summary Report of RCRA Closure Activities for Unit 21 and Unit 48 in Building 788, Rocky Flats Environmental Technology Site, Golden, Colorado, September.

RMRS, 1999b, Nuclear Safety Technical Report, Safety Analysis for the Solar Ponds Plume Project, Rocky Flats Environmental Technology Site, Golden, Colorado, February.

RMRS, 1999c, Final Solar Ponds Plume Decision Document, Environmental Restoration, Rocky Flats Environmental Technology Site, Golden, Colorado, June.

RMRS, 2000, RFETS Backlog Waste Reassessment Baseline Book, Waste Form 6 Pondcrete, May.

Rockwell 1988, Present Landfill Closure Plan, Rocky Flats Plant, Golden, Colorado, July.

28

ATTACHMENT I
Data Adequacy Evaluation

TABLE OF CONTENTS

1.0 Power Calculation 2
2.0 Distributional Testing 2
3.0 Geostatistical Spatial Analysis 5
4.0 Impacts to Risk 9
4.1 Hot Spot Removal 9
4.2 Comparison of UCLs 10
4.3 Impact on Risk 10
5.0 Summary and Conclusions 11

LIST OF FIGURES

Figure 1. Surface Soil Rads 3
Figure 2. Surface Soil Non-Rads 4
Figure 3. Subsurface Soil Rads 4
Figure 4. Subsurface Soil Non-Rads 4
Figure 5. Am-241 in Surface Soil 6
Figure 6. Polygonal Kriging for Am-241 7
Figure 7. EPA Performance Curve 9

LIST OF TABLES

Table 1. Summary of Distributional Testing 3
Table 2. Shapiro-Wilks Test Results 5
Table 3. Confirmation Sample Results 9
Table 4. Mean and UCLs Concentrations Before and After Hot Spot Remediation 10
Table 5. Comparison of 95% UCLs by Statistical Method 10
Table 6. Summary of Worker Risk by Assumption 11

60

DATA ADEQUACY EVALUATION

Attachment I presents an evaluation of data adequacy used to support and quantify risk calculations submitted for the Solar Ponds. The evaluation includes a lognormal power calculation, distributional testing, geostatistics, derivation and comparison of upper 95 % UCLs, and assessment of the impact that hot spot removal has on reported risk results. A spatial analysis and evaluation of the Bootstrap technique are also provided.

Data evaluation was focused on those contaminants that dominated risk. Receptor exposure to nonradiological noncarcinogens present in surface soils resulted in a relatively low hazard index of only 0.04 and was, therefore, not of concern. Exposure to nonradiological carcinogenic COCs resulted in a total risk associated with surface soils of 2.7E-07 and 2.9E-09 in subsurface soils for a total of 3E-07 risk to a wildlife refuge worker. Exposure to radiological carcinogenic radionuclides dominated risk with individual risks for surface soil (2E-06), liner (1E-07), and subsurface soils (3.9E-08) and a total risk of 2E-06. Total risk was primarily due to external exposure and ingestion pathways to surface soils. Total risk for surface soil was the only observed risk to exceed 1E-06. Accordingly, the data adequacy evaluation was focused on the radionuclides present in surface soils.

1.0 Power Calculation

A power calculation was performed for surface soil radionuclides using Sum of Ratios (SOR) data. Various distributional tests were used to demonstrate lognormality of the data. The Coefficient of Variation, Filliben, Geary, Skewness/Kutosis tests all confirmed lognormality at an alpha level of 0.05. Only the Studentized Range Test failed lognormality.

The Gilbert (1987) Equation 13.23 was then used to estimate the number of samples required at the 95% confidence level. A relative error of 10% was assumed for a 1-Tailed test. Results indicated that 66 samples would be required for radionuclides present in surface soil. The existing risk assessment used 69 to 72 samples to determine risk estimates for radionuclides. This calculation was performed to support a determination of sample adequacy and not to quantify risk based on a UCL of a median concentration.

2.0 Distributional Testing

DOE has performed both normality and lognormality checks for surface radionuclide, surface nonradionuclide, subsurface radionuclide, and subsurface nonradionuclide SOR data using EPA's Quality Assurance Management Staff's DataQuest statistical software. DataQuest is the companion software to the EPA's QA/G-9 guidance document on Data Quality Assessment and performs quantitative tests on data. This quantitative method is preferable to and compliments qualitative approaches such as histograms, probability plots, and quantile plots. Table 1 presents the results.

Table 1. Summary of Distributional Testing

Strata & COC Group	Distribution Test (alpha = 0.05)									
	Normality Test					Lognormality Test				
	CV	Filliben	Geary	S/K	S.R.	CV	Filliben	Geary	S/K	S.R.
Surface Rads	Fail	Fail	Fail	Fail	Fail	Pass	Pass	Pass	Pass	Fail
Surface Non-Rads	Fail	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Pass
Subsurface Rads	Fail	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Pass	Fail
Subsurface Non-Rads	Fail	Fail	Fail	Fail	Fail	Pass	Fail	Fail	Fail	Fail

CV = Coefficient of Variation test
S/K = Skewness/Kurtosis test
S.R. – Studentized Range test

Table 1 indicates that the data are not normally distributed for any strata or COC group. In addition, most data were also not lognormally distributed. Surface radionuclides faired best, passing four of the five tests for lognormality using an alpha of 0.05. Based on this, DOE considers using lognormal statistics for the surface radionuclide data to be acceptable. However, the other three strata/COC groups failed multiple tests for normality and lognormality. Therefore, these data are neither normal nor lognormal at an alpha of 0.05 and require the use of non-parametric testing. Histograms for these Ln-transformed data sets appear below in Figures 1 through 4. Figures were created using EPA's GeoEAS software.

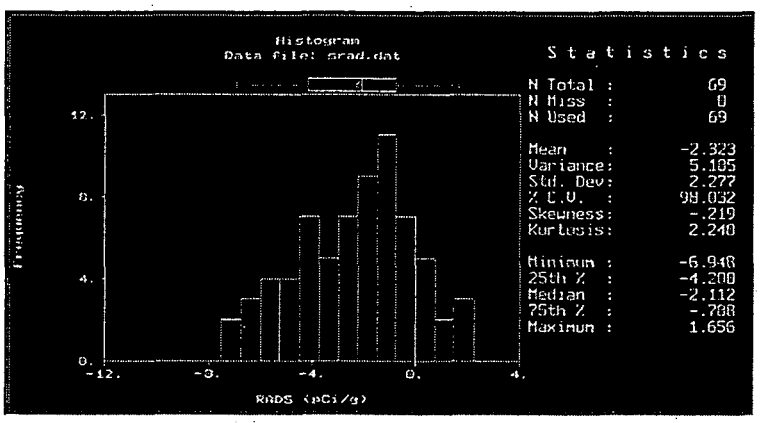


Figure 1. Surface Soil Rads

62

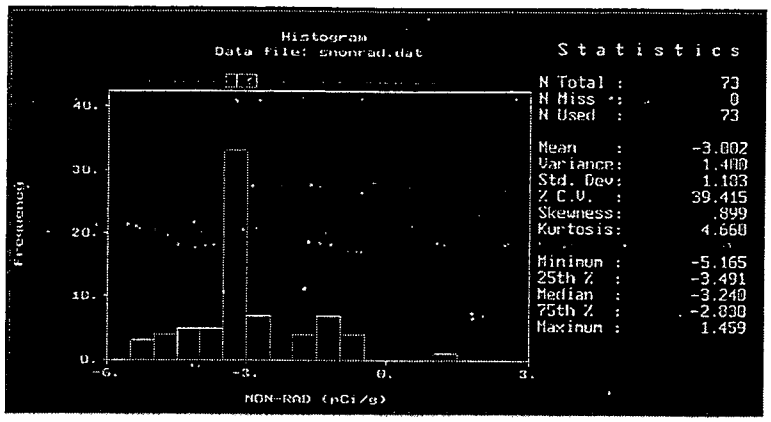


Figure 2. Surface Soil Non-Rads

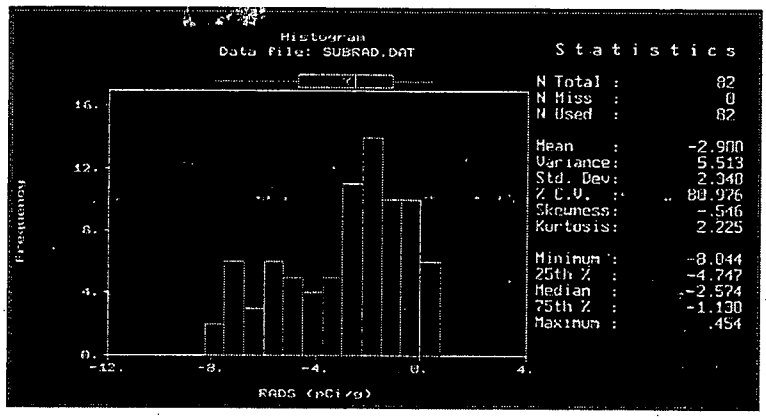


Figure 3. Subsurface Soil Rads

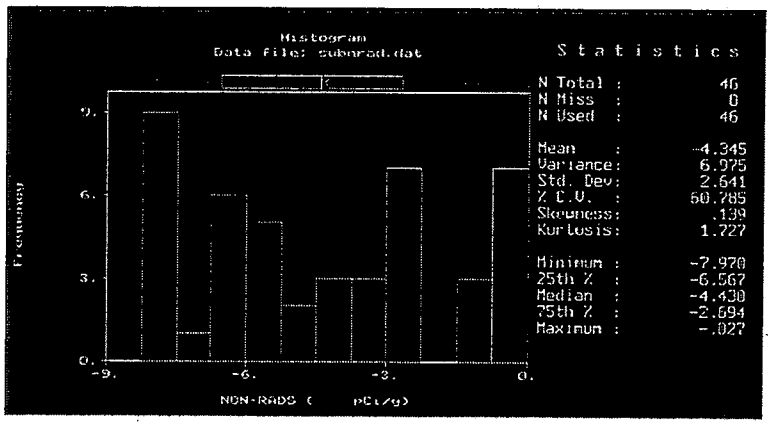


Figure 4. Subsurface Soil Non-Rads

EPA recommends using the Bootstrap approach to UCL calculation when data distributions are neither normal nor lognormal. The SEP Risk Assessment used the Bootstrap method to quantify UCLs. This position is stated in EPA technical paper "The Lognormal Distribution in Environmental Applications" by Singh, et al. (1997). Use of

62

the Bootstrap methodology is also supported in the User's Guide to EPA's PRO-UCL software released in April of 2002. The Bootstrap method is bounded by the minimum and maximum values observed in the data set. However, virtually all statistical tests are limited by this constraint. Use of lognormal statistics can create data values that are outside the bounds of those values actually observed.

In addition, use of lognormal statistics is limited when data have outliers, non-detects, small sample size, and the presence of multiple populations (EPA, 1997). A data set might appear lognormal due to these constraints and estimates assuming lognormality will overestimate the uncertainty term for concentration and therefore overestimate risk. Radiological data have negative concentrations and relatively large variances that can present technical difficulties in using lognormal statistics.

Distributional testing was also conducted for individual surface soil COCs. Data normality and lognormality were tested using the Shapiro-Wilks test on the raw data and Ln-transformed data. Results are presented in Table 2 and Attachment A. All individual COCs were not normally distributed. Am-241, Pu-239, and U-235 were lognormally distributed and all other surface soil COCs were neither normally nor lognormally distributed. Graphical results for each COC are shown in Attachment A.

Table 2. Shapiro-Wilks Test Results

Radionuclide	Normality P(0.05)	Lognormality P(0.05)
Cadmium	<0.0001	<0.0001
Chromium	<0.0001	<0.0001
Am-241	<0.0001	0.209
Pu-239	<0.0001	0.201
U-238	<0.0001	<0.0001
U-235	<0.0001	0.04
U-234	<0.0001	<0.0001

3.0 Geostatistical Spatial Analysis

The distributional assumption of lognormality holds for the surface radiological data set. In fact, only Am-241, Pu-239, and U-235 were lognormally distributed. However, this does not solve the problem of how to calculate UCLs in the other data sets. An approach that could be used consistently for each type is desirable. DOE investigated the use of geostatistical methodologies to determine if they could provide such a consistent method. Variograms were run on COCs in the SEP area. Results indicated that good spatial correlation was observed, based on the variograms. The observed data started at the origin and then demonstrated a steady and continuous rise to the maximum sill. No "nugget" effects were apparent in the variogram data. This was true for both individual COCs (e.g. Am-241, Pu-239/240, Cd, etc.) and aggregated variables (SOR values). Resulting variances from the variograms were then used to conduct polygonal kriging. An example variogram for Am-241 is shown below in Figure 5. Variograms for all COCs in surface soils are shown in Attachment B. Polygonal kriging was also conducted

for all COCs and the observed mean (Vlu) and variance (Kv) were used to directly calculate UCLs assuming that kriging errors are normally distributed. Standard UCL calculations were performed using an estimate of the variance of the mean from polygonal kriging and $t_{0.05,\, n-1}$ degrees of freedom. An example polygonal kriging map for Am-241 is shown in Figure 6. All other kriging maps for other COCs are shown in Attachment C.

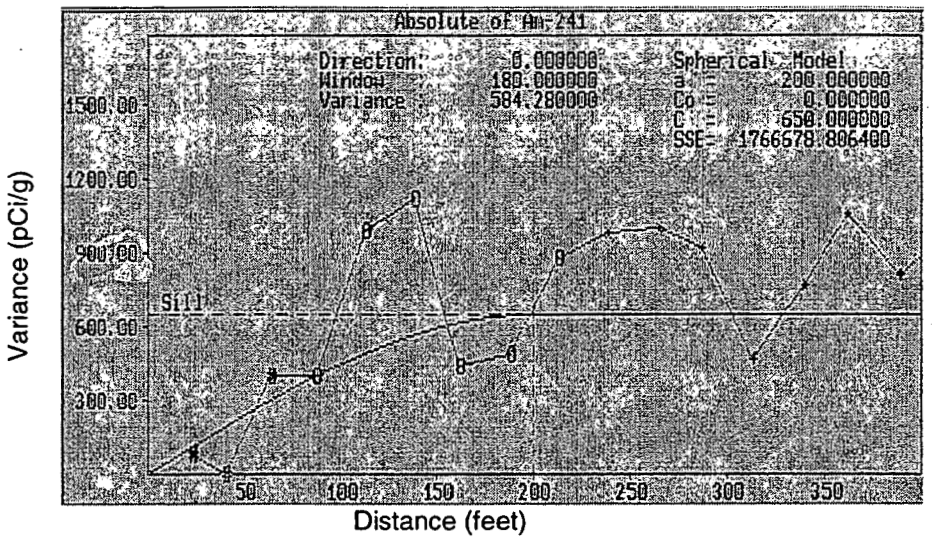


Figure 5. Am-241 in Surface Soil

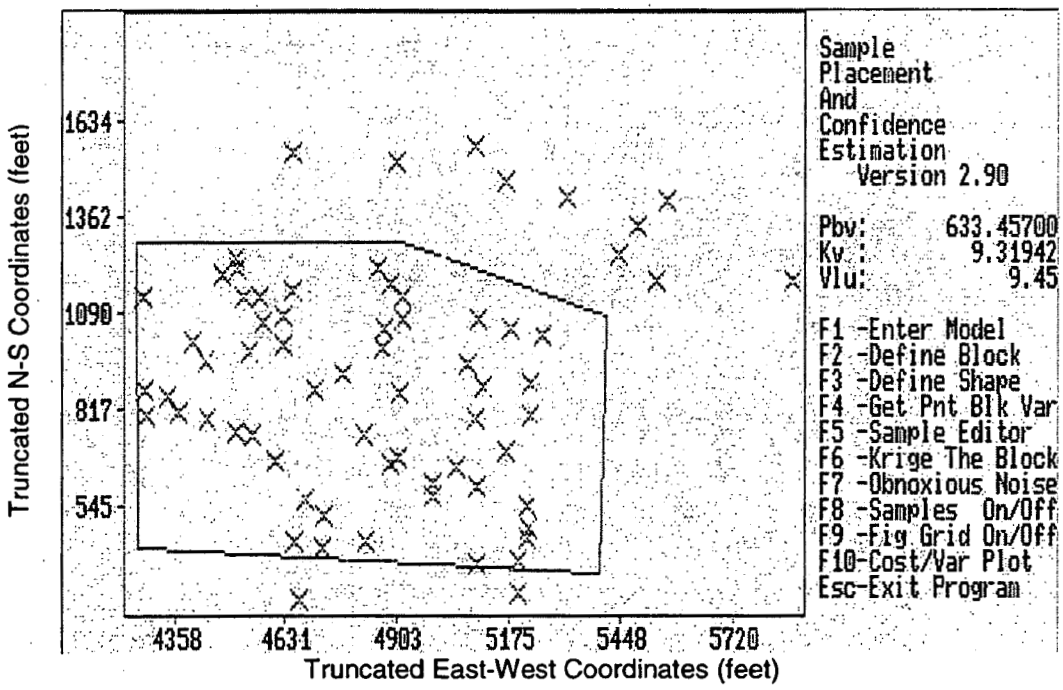


Figure 6. Polygonal Kriging for Am-241 Showing Sampling Locations and Resulting Statistics

65

Identification of spatial correlation in a data set immediately indicates that use of classical statistical methods for characterizing the 95% UCL for the arithmetic mean concentration should be avoided. Such classical methods include the Student's t-statistic for normal distributions and the Land H-statistic for lognormal distributions. These methodologies quantify uncertainty in the long-term concentration term without consideration of spatial variability present in data derived from environmental sampling (EPA 2001). These techniques assume that collected data are randomly and independently distributed. However, the SEP data indicate that there is a pattern of contamination resulting from release mechanisms and down-wind deposition. Therefore, autocorrelation between sample points is present at the site. Because the variogram shows that the SEP data are not independent, using classical statistics would violate basic fundamental assumptions for the tests, unless the correlations can be accounted for. Independent data would show a variogram pattern that starts up the y axis near the sill maximum and randomly varies about the sill as a function of distance.

Geostatistical methods are specifically designed to incorporate the correlations found in the variogram analysis directly into statistical analysis and UCL calculations. In addition, the geostatistical estimation technique of kriging does not make any distributional assumptions about the data. This technique is also a "best" approach with minimum error and "declusters" data that are grouped in close spatial proximity to provide the most appropriate estimates of average concentrations within the entire area.

Based on the success of variogram analyses and the strong theoretical basis, kriging of the data in the surface soils in the SEP was conducted. Data were kriged using two different methods. The first method kriged the SEP data COC-by-COC using a polygonal kriging approach. Polygonal kriging estimates the average concentration within single non-rectangular polygonal shapes across the site using a type of "horizontal" approach. Using the kriging mean and kriging standard deviation, a 95% UCL was calculated for each COC using a standard formula for classical statistics. Each UCL was then divided by the corresponding action level for a target risk of 1E-05 to derive an SOR for the SEP. The sum of the Surface Rad SORs using polygonal kriging was 1.09. The 95% UCLs for individual COCs developed using polygonal kriging were higher than those calculated using the Student's t classical statistical approach.

The second approach aggregated SORs for COC concentrations at individual sample locations. Compared to the first method, this is a more "vertical" approach. These SOR values were then kriged across the SEP area using polygonal kriging. Results indicated a 95% UCL on the SOR of 0.98, slightly less than the UCL for the horizontal approach. The IASAP uses the more conservative "horizontal" approach.

Both results for the "horizontal" and "vertical" UCL calculations were derived using the same existing action levels as used in the SEP Risk Assessment. However, the existing action levels are based on an exposure scenario that includes indoor air exposure and continuous external gamma exposure for the wildlife refuge worker. If indoor air and continuous gamma exposure are corrected, observed UCLs are reduced by a factor of approximately 6. The sum of 95% UCLs/ALs would, therefore, be 1.09/6 = 0.18 and the

95% UCL associated with the aggregated SORs would be 0.98/6 = 0.16. Both resulting SOR 95% UCLs are well below the limit of 1.0.

To assess the removal of hot spots, the five highest concentrations were replaced with approximate background values. The data were then re-kriged using the same variograms and new 95% UCLs were recalculated. This approach represents a type of "virtual remediation" of the site to demonstrate risk reduction in a post-remediation scenario. Results of the horizontal kriging provided a 95% UCL of 0.66 for the SOR and a 95% UCL of 0.64 using the vertical approach. Correcting these UCL values for exposure assumptions discussed above results in a horizontal and vertical estimate of 0.11 for both approaches. The results, therefore, indicate that the SEP risk is well below concern at the 95% level of confidence, before hot spot removal. The resulting SOR 95% UCLs following hot spot removal are approximately equivalent to a 1E-06 risk.

The results indicate that kriging is the most conservative of all the approaches to calculating UCLs, with the exception of lognormal UCLs for Pu239 and Am-241. Kriging is also, by far the most defensible from a theoretical standpoint. Of the two variations on kriging, the horizontal approach (COC-by-COC and corresponding to risk) is the most conservative method. The vertical method, however, provides an excellent surrogate estimate of total risk and can be used for screening and remediation purposes. The horizontal and vertical kriging techniques described are also robust approaches. The testing characteristics identified will remain even if Action Levels or if a combination of Action Levels is applied to SOR calculations.

In terms of data sufficiency, the fact that data are spaced closely enough to observe spatial correlations on a consistent basis indicates that enough data have already been collected to calculate valid mean and UCL estimates. Using a statistical method (Gilbert 1987) and a lognormal distribution for surface soil SOR data, approximately 66 samples would be required as previously discussed (Section 1.0). Using DOE's Visual Sample Plan software to calculate the number of samples by means of EPA's decision performance goal diagram (DPGD), a total of seven samples is required following removal of the five highest concentrations present in hot spots (Figure 7). The DPGD assumes normal data, so the number of samples recommended (7) must be considered low (alpha = 0.05, beta = 0.05). However, approximately 70 samples currently exist in the SEP surface soil data set. Even accounting for low bias in the DPGD calculation, an order of magnitude should conservatively adjust for the assumption of normality.

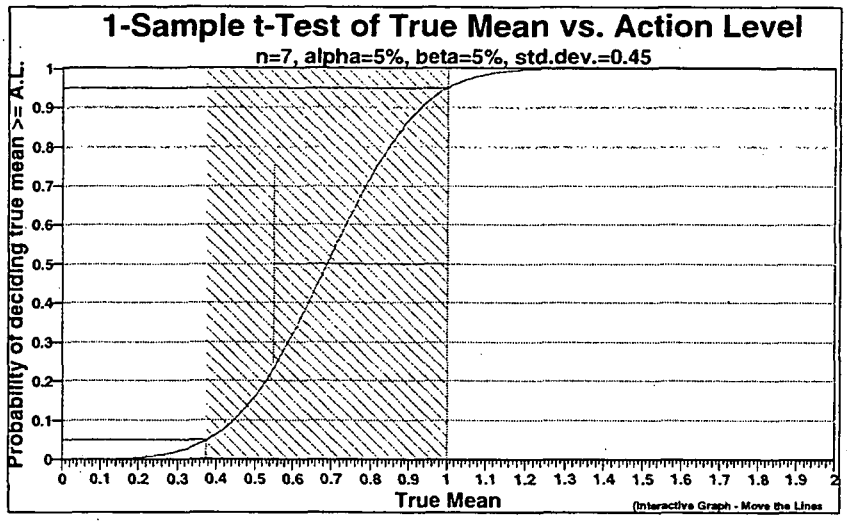


Figure 7. EPA Performance Curve

4.0 Impacts to Risk

The resulting impact of removing identified hot spots and use of alternative statistical methods to derive UCLs are discussed in this Section.

4.1 Hot Spot Removal

The following confirmation sample results were reported as gamma-spec measurements for Am-241, U-238, and U-235 at hot spot locations. Five samples were collected at each hot spot location on a one-meter quadrant. Results are reported as the arithmetic means for each location and radionuclide in Table 3 as follows:

Table 3. Confirmation Sample Results

Location	Sample #	Am-241	U-235	U-238
SS400693	CJ46-DR02	0.0	0.16	2.4
SS400593	CK46-DR01	1.6	0.3	7.4
43793	CK46-DR02	25.4	0.22	4.4
SS402893	CK48-DR01	5.3	0.08	3.5
SS403093	CK48-DR02	0.22	0.87	2.8

To assess residual risk following removal of hot spots, the above average concentrations were used to replace original hot spot concentrations. The 95 percent upper confidence limits (95 UCL) of the mean concentrations were then recalculated for use as exposure point concentrations. Table 4 below shows the pre- and post-removal means and 95 UCLs as determined by the Bootstrap method.

Table 4. Mean and UCLs Concentrations Before and After Hot Spot Remediation

Radionuclide	Pre-removal		Post-removal	
	Mean	95% UCL	Mean	95% UCL
Americium-241	9.11	14.7	3.08	5.06
Uranium-235	0.186	0.289	0.144	0.217
Uranium-238	2.73	3.77	2.23	3.31

The removal reduced the mean and 95 UCL of Am-241 by a factor of almost three. The two uranium isotopes were less affected. The total radiological risk was reduced from 2E-06 before the removals to 1E-06 after the removals.

4.1 Comparison of UCLs

Table 5 compares UCLs derived from various statistical methods. UCLs computed by Bootstrap and Geostatistics were consistently higher than UCLs derived from normal t-statistical methods. These two methods therefore do not underestimate the UCL for the SEP surface soil data. The Bootstrap method was used to calculate UCLs for the SEP Risk Assessment.

However, lognormal statistics using Land H produced UCLs for Am-241 and Pu-239 that were more then twice all other UCL estimates. At the same time, lognormal statistics produced a UCL estimate for U-235 that was even below the t-statistic estimate. Lognormal statistics therefore produced UCL estimates that were inconsistent and outside the range of all other estimates. EPA has discussed this problem in a Technical Document (EPA 1997)

Table 5. Comparison of 95% UCLs by Statistical Method

COC	Normal t-Statistics	Lognormal Land(H)	Geostatistics	Bootstrap
Cadmium	32.8	na	35.3	38.1
Chromium	23.8	na	25.1	24.8
Am-241	13.4	34.2	14.5	14.7
Pu-239	5.47	16.5	6.40	6.06
U-238	3.46	na	3.55	3.77
U-235	0.24	0.21	0.25	0.29
U-234	5.70	na	6.38	6.53

na = Not applicable, distribution not lognormal at the 0.05 level.

4.2 Impact on Risk

The impact of using lognormal, bootstrap, and geostatistics on risk estimates is discussed in this section. In addition, the impact on total risk following hot spot removal is also addressed. Table 6 shows the existing risk estimates compared to those derived from different statistical assumptions and hot spot removal. Surface soil risk dominates the estimates of total risk. Use of lognormal statistics increases the estimate of total risk by a

factor of two. Risk estimates using Bootstrap (existing risk) and geostatistics are consistent for total risk and for individual COCs. Hot spot removal decreases total risk by a factor of two as expected.

Table 6. Summary of Worker Risk by Assumption

Worker Carcinogenic Total Risk				
Medium	**Radiological**			
	Existing Risk	**Lognormal UCLs**	**Geostistical UCLs**	**Hot Spot Removal**
Surface Soil	2.0E-06	4.2E-06	2.1E-06	1.2E-06
Total Risk	2E-06	4E-06	2E-06	1E-06

5.0 Summary and Conclusions

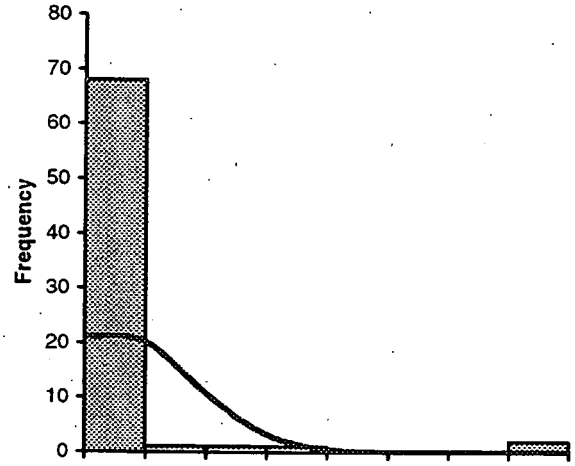
- Statistical and spatial analyses both indicate that sampling at the SEPs is adequate, especially in view of the low estimated risk observed.
- Surface Soil Radionuclides dominate total risk to the worker.
- Radionuclides have both lognormal and non-parametric distributions.
- Metal COCs have non-parametric distributions.
- Lognormal power calculation for surface radionuclides (Am-241, Pu-239, U-235) is valid and indicates that 66 samples are required vs 69 already collected.
- UCLs derived from Bootstrap and Geostatistics are comparable and consistently greater than UCLs from statistics assuming a normal distribution.
- UCLs derived from lognormal statistics were inconsistent. Many were higher than all other calculation methods, but one was lower than UCLs derived from normal distributions for U-235.
- Geostatistics and Bootstrap methodologies are both technically sound, have no distributional assumptions, and adequately support risk quantification.
- Geostatistical methodologies address environmental data with spatial correlation such as the data present at the SEPs.
- Use of lognormal statistics increases risk by a factor of two and has the potential to quantify risk based on UCLs outside the range of observed concentrations.
- Hot Spot removal decreases risk by a factor of approximately two.
- Non-parametric statistical testing should be conducted for environmental data to incorporate observed spatial information and ensure that the best estimates of uncertainty for the concentration term are determined.
- SORs should be assessed on a point-by-point screening basis to guide remediation. If exceedances are observed above 1.0, then UCLs for individual COCs should be determined to calculate risk for the aggregated data.

Attachment A

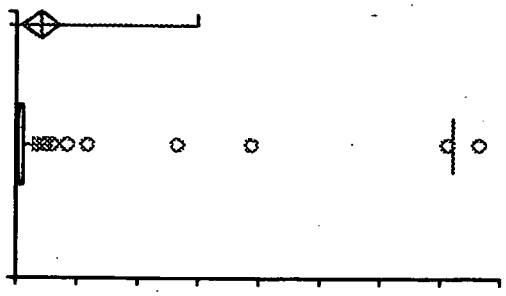
Attachment A

analysed with: Analyse-it + General 1.63

Test	**Continuous summary descriptives** Surface Soil Background Camparison Location - SSCd
Performed by	
Date	10 October 2002

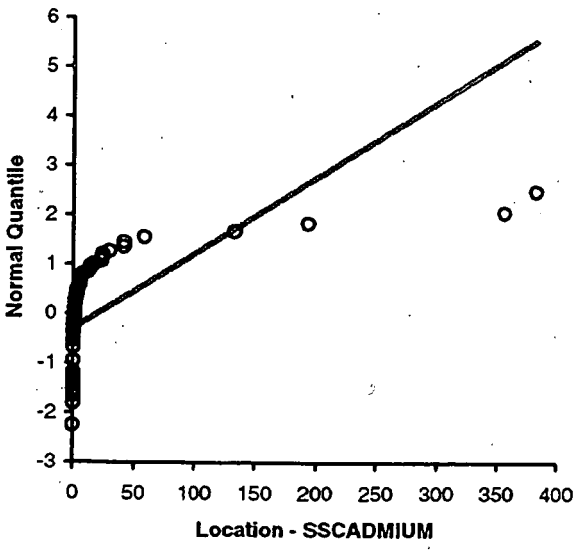


n	73
Mean	20.19
95% CI	4.90 to 35.48
Variance	4292.596
SD	65.518
SE	7.668
CV	324%



Median	1.70
96.6% CI	0.75 to 2.50
Range	381.9
IQR	5.5

Percentile	
2.5th	0.14
25th	0.60
50th	1.70
75th	6.10
97.5th	359.90



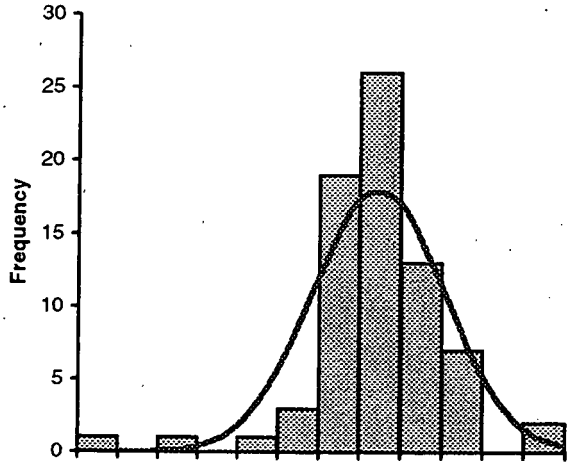
	Coefficient	p
Shapiro-Wilk	0.3246	<0.0001
Skewness	4.6522	<0.0001
Kurtosis	22.2165	<0.0001

72

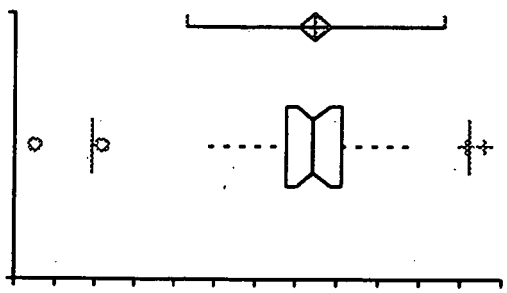
Attachment A

analysed with: Analyse-it + General 1.63

Test	**Continuous summary descriptives** Surface Soil Background Camparison Location - SSLnCd
Performed by	
Date	10 October 2002

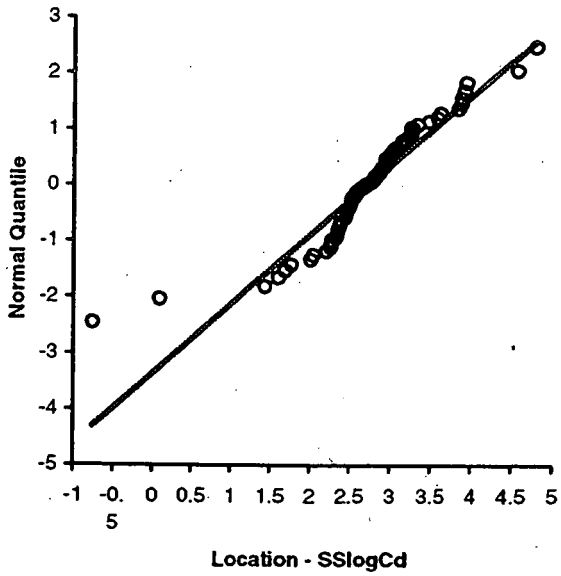


n	73
Mean	2.72
95% CI	2.53 to 2.91
Variance	0.650
SD	0.806
SE	0.094
CV	30%



Median	2.71
96.6% CI	2.52 to 2.92
Range	5.5
IQR	0.7

Percentile	
2.5th	-0.03
25th	2.38
50th	2.71
75th	3.05
97.5th	4.60



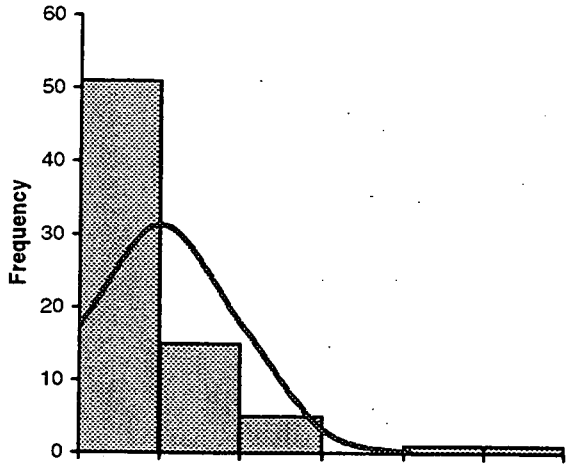
	Coefficient	p
Shapiro-Wilk	0.8891	<0.0001
Skewness	-1.1201	0.0004
Kurtosis	5.5105	<0.0001

73

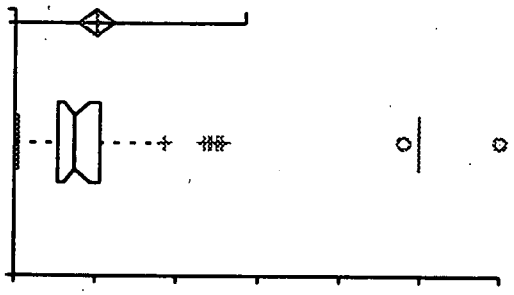
Attachment A

analysed with: Analyse-it + General 1.63

Test	**Continuous summary descriptives** Surface Soil Background Camparison Location - SSCr
Performed by	
Date	10 October 2002

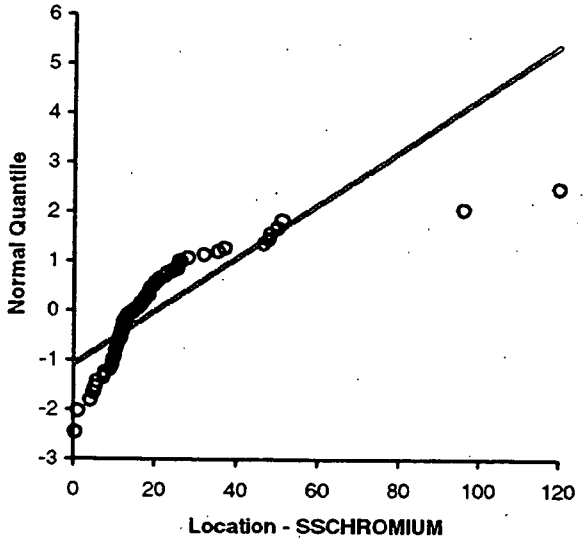


n	73
Mean	20.22
95% CI	15.87 to 24.56
Variance	347.141
SD	18.632
SE	2.181
CV	92%



Median	15.00
96.6% CI	12.40 to 18.60
Range	119.5
IQR	10.4

Percentile	
2.5th	1.01
25th	10.80
50th	15.00
75th	21.20
97.5th	99.69



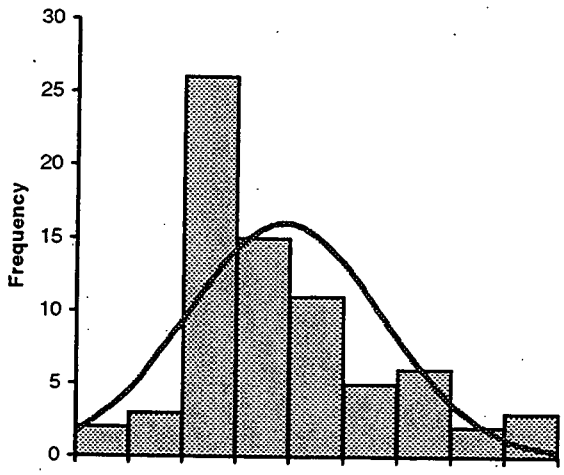
	Coefficient	p
Shapiro-Wilk	0.6535	<0.0001
Skewness	3.3328	<0.0001
Kurtosis	13.9914	<0.0001

74

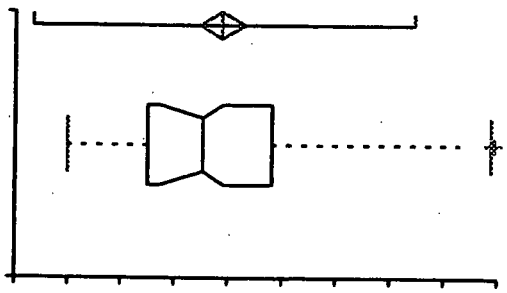
Attachment A

analysed with: Analyse-it + General 1.63

Test	**Continuous summary descriptives** Surface Soil Background Camparison Location - SSLnCd
Performed by	
Date	10 October 2002

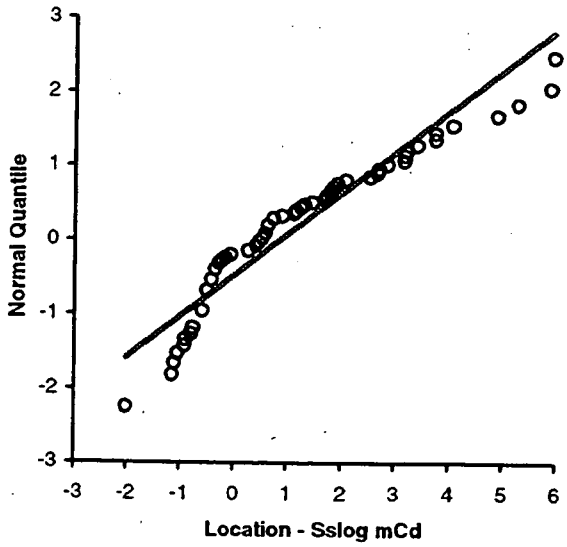


n	73
Mean	0.88
95% CI	0.46 to 1.30
Variance	3.280
SD	1.811
SE	0.212
CV	206%



Median	0.53
96.6% CI	-0.29 to 0.92
Range	7.9
IQR	2.3

Percentile	
2.5th	-2.00
25th	-0.51
50th	0.53
75th	1.81
97.5th	5.89



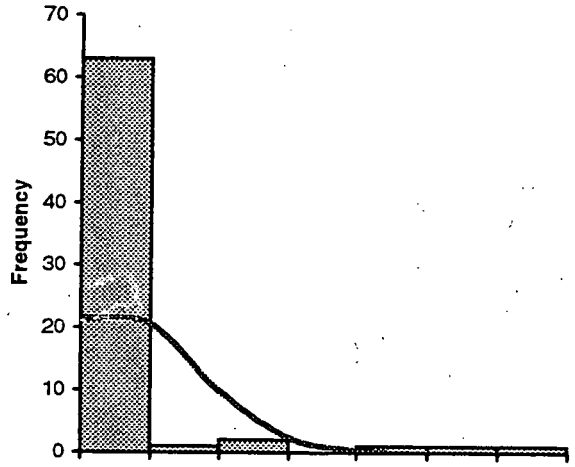
	Coefficient	p
Shapiro-Wilk	0.9095	<0.0001
Skewness	1.0095	0.0011
Kurtosis	0.5367	0.2887

75

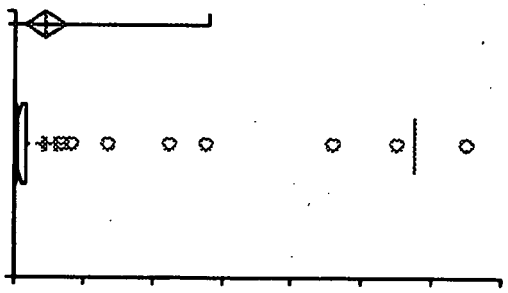
Attachment A

analysed with: Analyse-it + General 1.63

Test	**Continuous summary descriptives** Surface Soil Background Comparison Location - SSAm-241
Performed by	
Date	10 October 2002

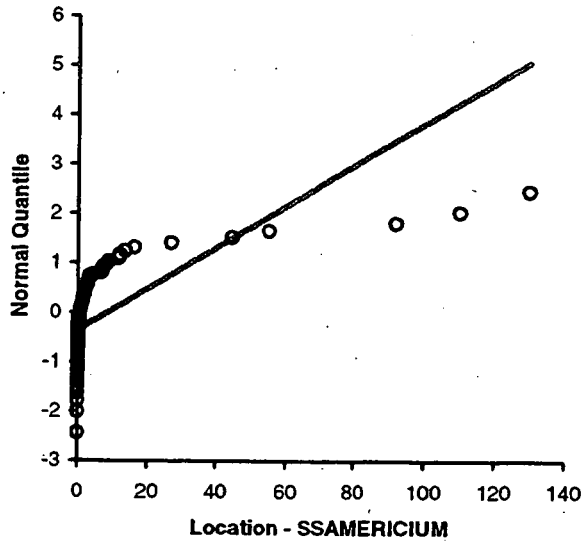


n	69
Mean	8.686
95% CI	2.922 to 14.451
Variance	575.7449
SD	23.9947
SE	2.8886
CV	276%



Median	0.832
97.1% CI	0.340 to 2.000
Range	129.98859
IQR	3.049

Percentile	
2.5th	0.019
25th	0.151
50th	0.832
75th	3.200
97.5th	115.000



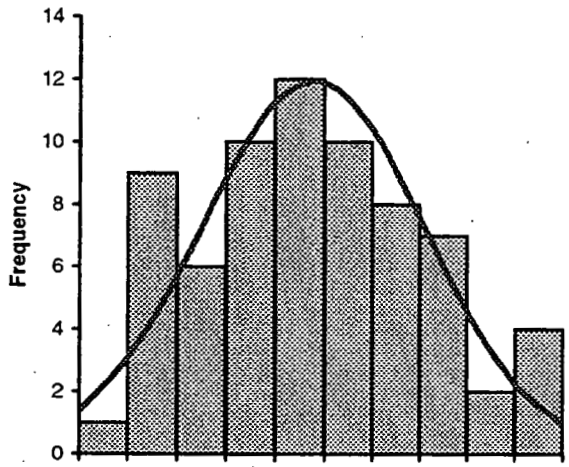
	Coefficient	p
Shapiro-Wilk	0.3973	<0.0001
Skewness	3.8692	<0.0001
Kurtosis	15.1189	<0.0001

76

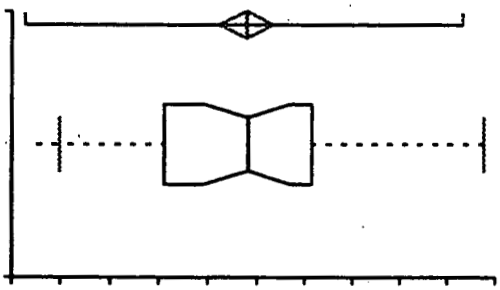
Attachment A

analysed with: Analyse-it + General 1.63

Test	**Continuous summary descriptives**
	Surface Soil Background Comparison
	Location - SSLnAm-241
Performed by	
Date	10 October 2002

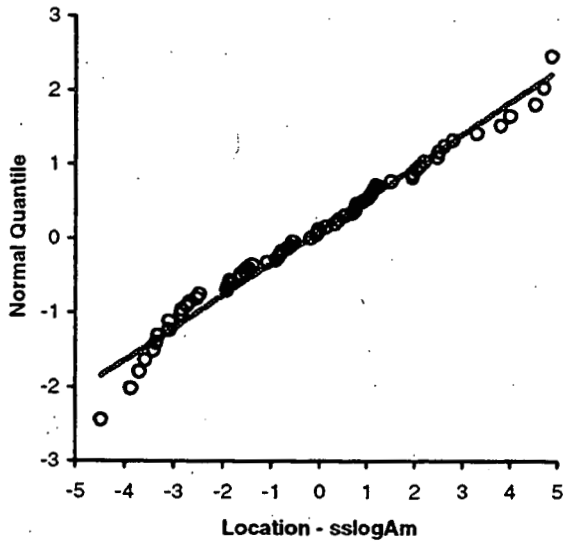


n	69
Mean	-0.211
95% CI	-0.765 to 0.343
Variance	5.3247
SD	2.3075
SE	0.2778
CV	-1093%



Median	-0.184
97.1% CI	-1.079 to 0.693
Range	9.340799566
IQR	3.053626252

Percentile	
2.5th	-4.016
25th	-1.890
50th	-0.184
75th	1.163
97.5th	4.742



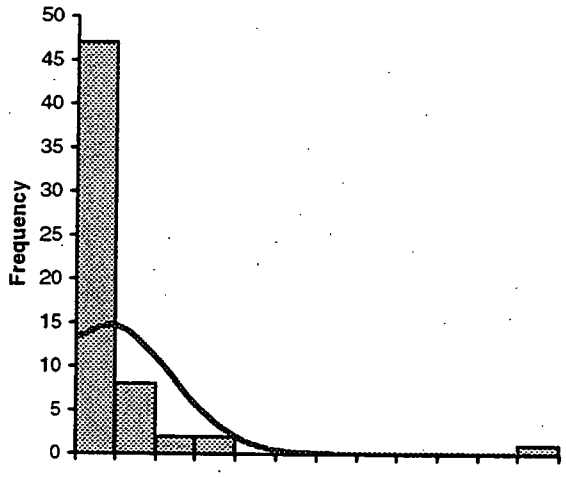
	Coefficient	p
Shapiro-Wilk	0.9761	0.2088
Skewness	0.2633	0.3476
Kurtosis	-0.6232	0.1786

77

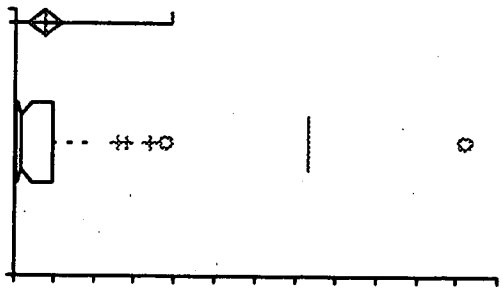
Attachment A

analysed with: Analyse-it + General 1.63

Test	**Continuous summary descriptives** Surface Soil Background Comparison Location - SSPu-239
Performed by	
Date	10 October 2002

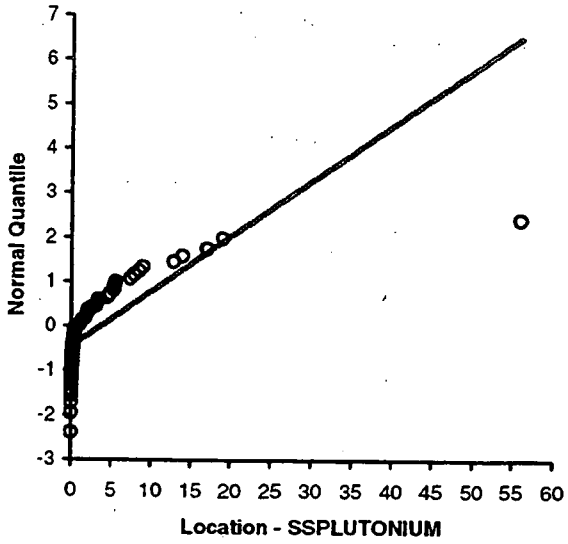


n	60
Mean	3.758
95% CI	1.674 to 5.841
Variance	65.0746
SD	8.0669
SE	1.0414
CV	215%



Median	0.821
97.3% CI	0.337 to 2.170
Range	55.9871
IQR	4.6318

Percentile	
2.5th	0.015
25th	0.181
50th	0.821
75th	4.813
97.5th	36.575

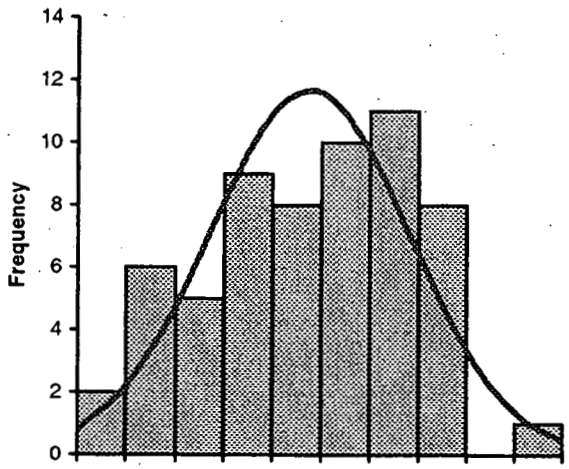


	Coefficient	p
Shapiro-Wilk	0.4655	<0.0001
Skewness	4.9851	<0.0001
Kurtosis	30.3323	<0.0001

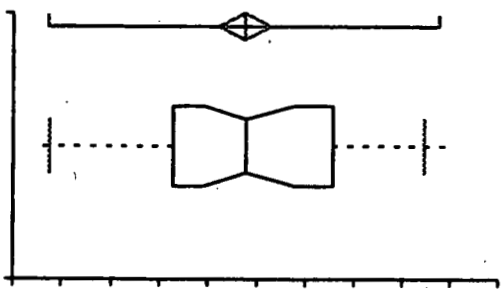
78

analysed with: Analyse-it + General 1.63

Test	**Continuous summary descriptives**
	Surface Soil Background Comparison
	SSLnPu-239
Performed by	
Date	10 October 2002

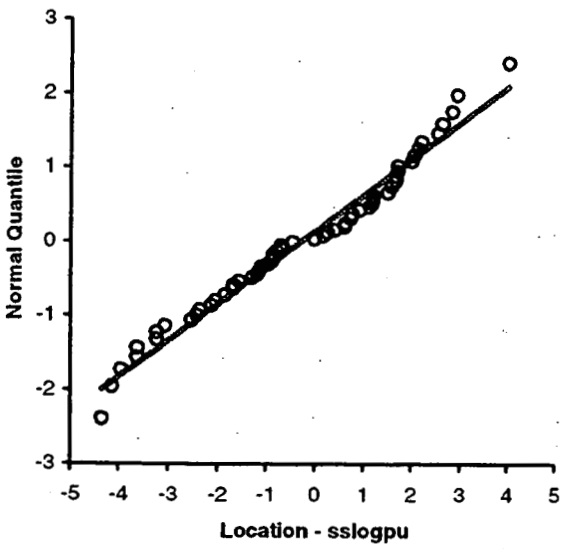


n	60
Mean	-0.251
95% CI	-0.781 to 0.279
Variance	4.2098
SD	2.0518
SE	0.2649
CV	-819%



Median	-0.222
97.3% CI	-1.088 to 0.775
Range	8.375879658
IQR	3.28393601

Percentile	
2.5th	-4.238
25th	-1.713
50th	-0.222
75th	1.571
97.5th	3.458



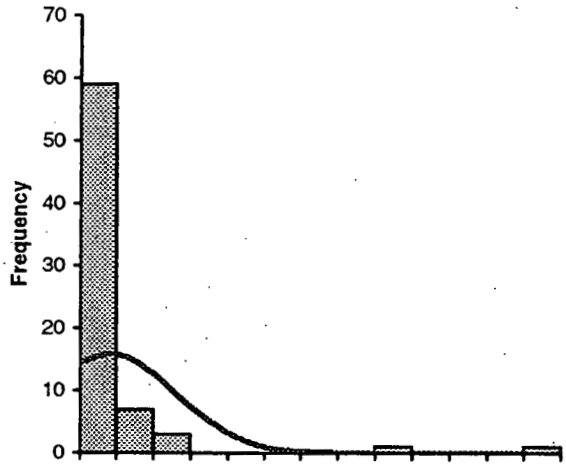
	Coefficient	p
Shapiro-Wilk	0.9729	0.2014
Skewness	-0.1838	0.5358
Kurtosis	-0.8308	0.0504

79

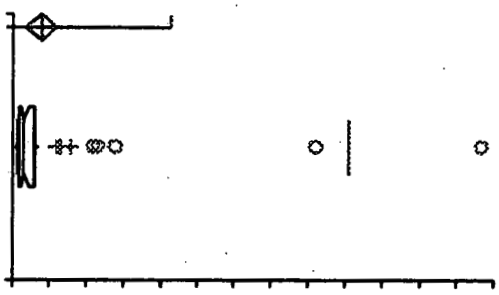
Attachment A

analysed with: Analyse-it + General 1.63

Test	**Continuous summary descriptives** Surface Soil Background Comparison Location - SSU-234
Performed by	
Date	10 October 2002

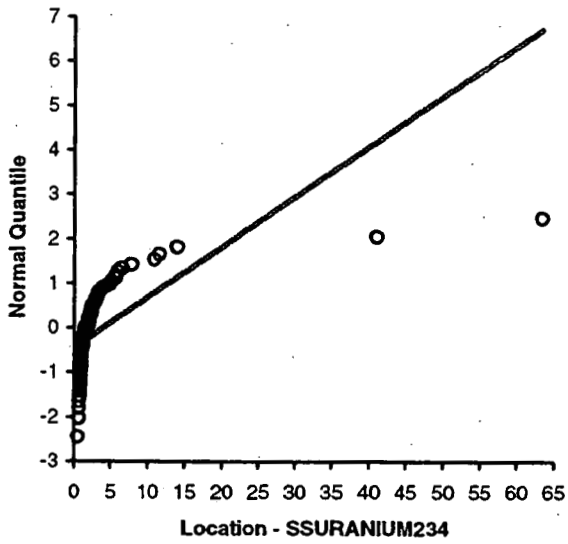


n	71
Mean	3.971
95% CI	1.871 to 6.071
Variance	78.7111
SD	8.8719
SE	1.0529
CV	223%



Median	1.520
96.8% CI	1.200 to 2.300
Range	62.89
IQR	2.0425

Percentile	
2.5th	0.622
25th	0.990
50th	1.520
75th	3.033
97.5th	45.480



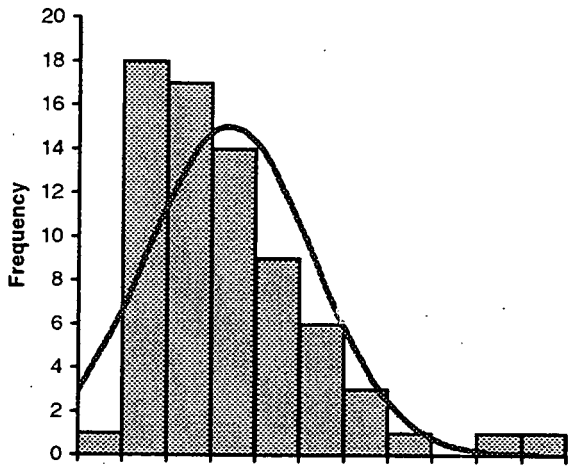
	Coefficient	p
Shapiro-Wilk	0.3468	<0.0001
Skewness	5.5060	<0.0001
Kurtosis	32.9764	<0.0001

80

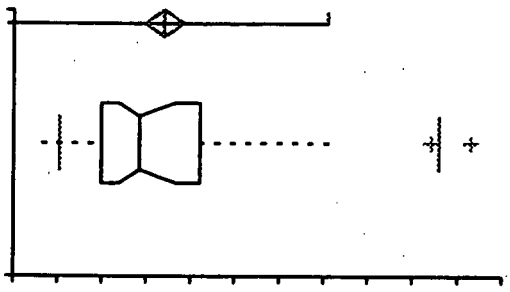
Attachment A

analysed with: Analyse-it + General 1.63

Test	**Continuous summary descriptives** Surface Soil Background Comparison Location - SSLnU-234
Performed by	
Date	10 October 2002

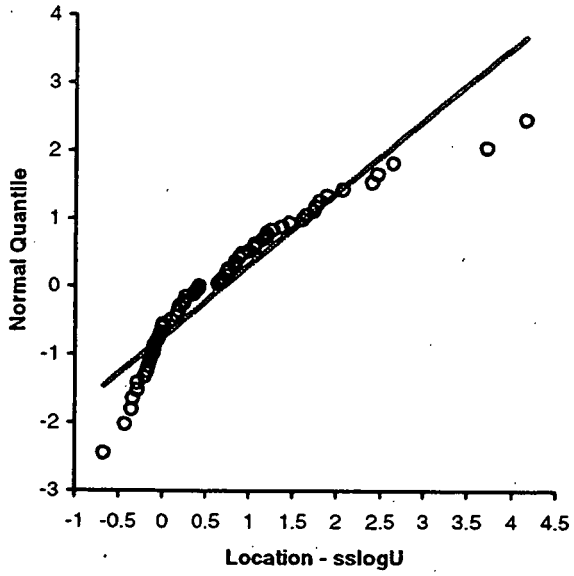


n	71
Mean	0.702
95% CI	0.480 to 0.925
Variance	0.8820
SD	0.9391
SE	0.1115
CV	134%



Median	0.419
96.8% CI	0.182 to 0.833
Range	4.822808415
IQR	1.118482232

Percentile	
2.5th	-0.479
25th	-0.010
50th	0.419
75th	1.108
97.5th	3.801



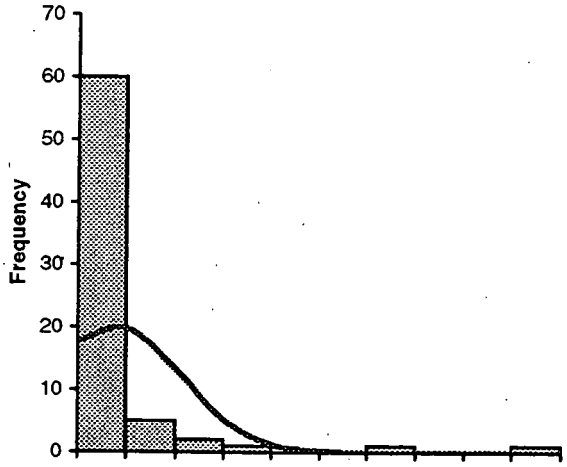
	Coefficient	p
Shapiro-Wilk	0.8903	<0.0001
Skewness	1.4062	<0.0001
Kurtosis	2.5370	0.0056

81

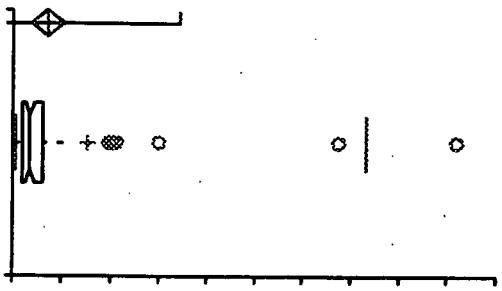
Attachment A

analysed with: Analyse-it + General 1.63

Test	**Continuous summary descriptives**
	Surface Soil Background Comparison
	Location - SSU-235
Performed by	
Date	10 October 2002

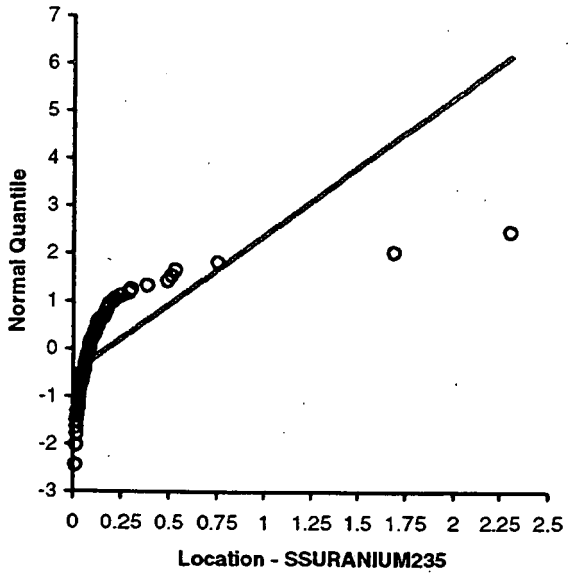


n	70
Mean	0.180
95% CI	0.098 to 0.262
Variance	0.1189
SD	0.3448
SE	0.0412
CV	191%



Median	0.086
95.9% CI	0.065 to 0.115
Range	2.29
IQR	0.11

Percentile	
2.5th	0.016
25th	0.049
50th	0.086
75th	0.155
97.5th	1.826



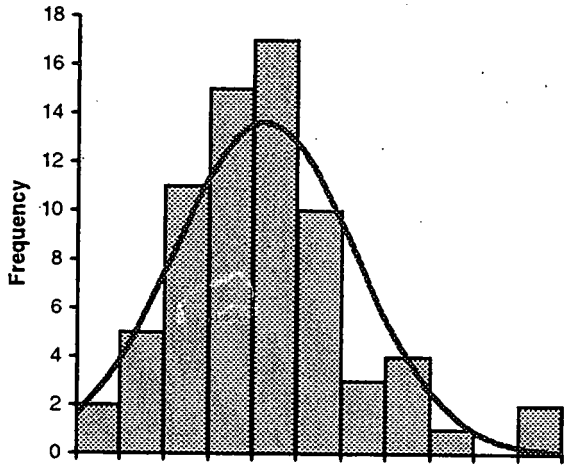
	Coefficient	p
Shapiro-Wilk	0.4232	<0.0001
Skewness	4.7952	<0.0001
Kurtosis	25.4288	<0.0001

82

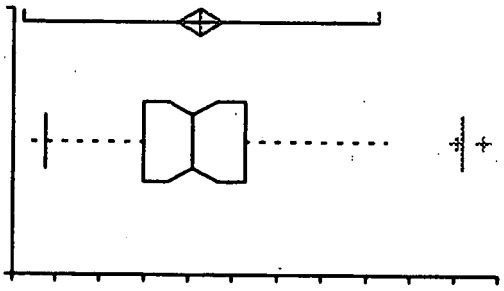
Attachment A

analysed with: Analyse-it + General 1.63

Test	**Continuous summary descriptives** Surface Soil Background Comparison Location - SSLnU-235
Performed by	
Date	10 October 2002

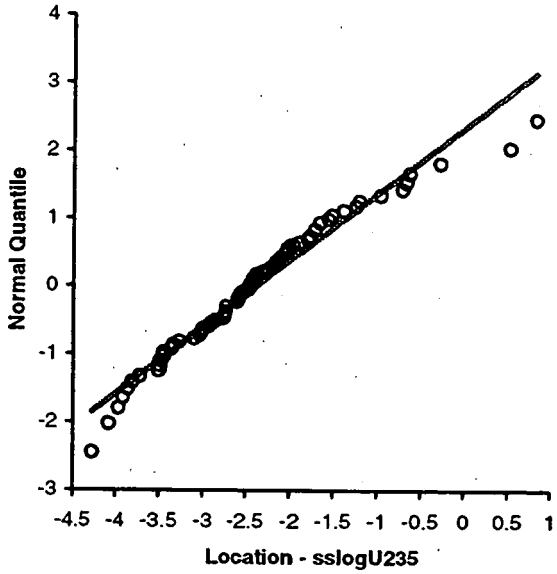


n	70
Mean	-2.378
95% CI	-2.622 to -2.134
Variance	1.0436
SD	1.0216
SE	0.1221
CV	-43%



Median	-2.453
95.9% CI	-2.733 to -2.167
Range	5.10
IQR	1.15

Percentile	
2.5th	-4.118
25th	-3.011
50th	-2.453
75th	-1.863
97.5th	0.594

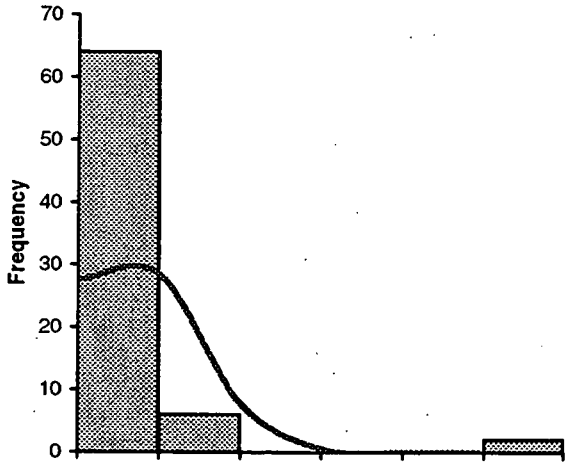


	Coefficient	p
Shapiro-Wilk	0.9637	0.0402
Skewness	0.7424	0.0130
Kurtosis	1.0472	0.1017

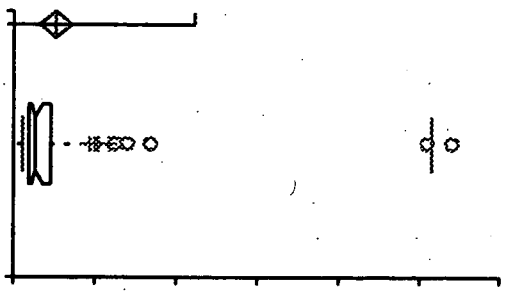
Attachment A

analysed with: Analyse-it + General 1.63

Test	**Continuous summary descriptives** Surface Soil Background Comparison Location - SSU-238
Performed by	
Date	10 October 2002

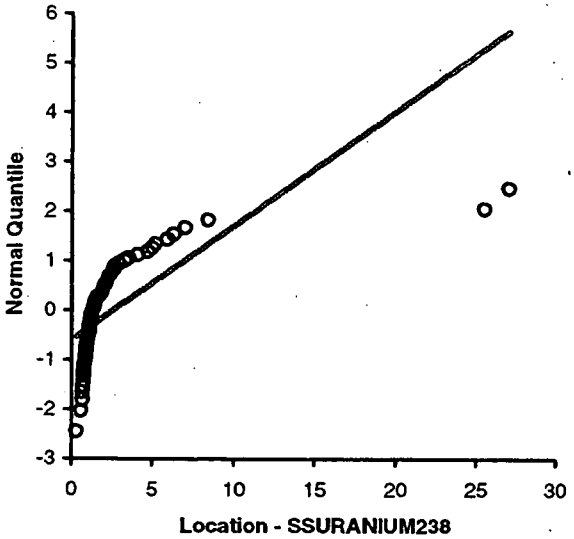


n	72
Mean	2.620
95% CI	1.603 to 3.637
Variance	18.7197
SD	4.3266
SE	0.5099
CV	165%



Median	1.300
95.6% CI	1.135 to 1.797
Range	26.69
IQR	1.3254

Percentile	
2.5th	0.558
25th	0.975
50th	1.300
75th	2.300
97.5th	25.738

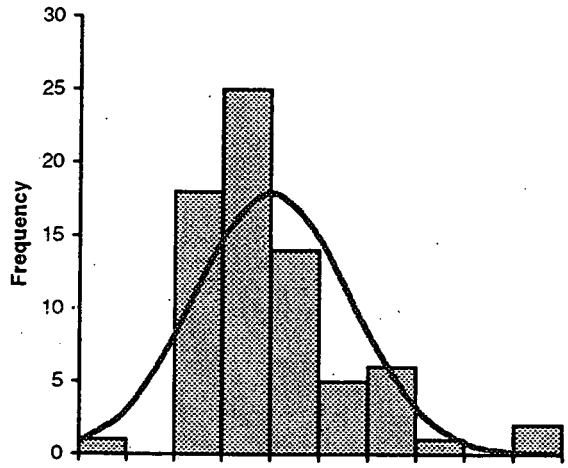


	Coefficient	p
Shapiro-Wilk	0.4153	<0.0001
Skewness	4.7650	<0.0001
Kurtosis	24.3411	<0.0001

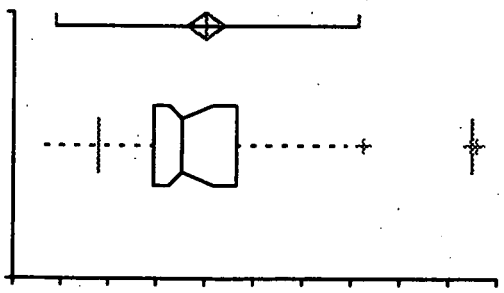
Attachment A

analysed with: Analyse-it + General 1.63

Test	**Continuous summary descriptives**
	Surface Soil Background Comparison
	Location - SSLnU-238
Performed by	
Date	10 October 2002

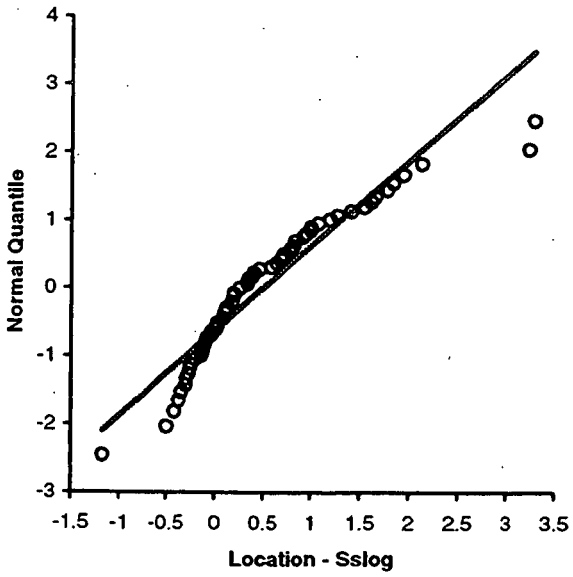


n	72
Mean	0.504
95% CI	0.315 to 0.692
Variance	0.6431
SD	0.8019
SE	0.0945
CV	159%



Median	0.262
95.6% CI	0.127 to 0.586
Range	4.467019848
IQR	0.858642987

Percentile	
2.5th	-0.613
25th	-0.026
50th	0.262
75th	0.833
97.5th	3.248



	Coefficient	p
Shapiro-Wilk	0.9005	<0.0001
Skewness	1.3269	<0.0001
Kurtosis	2.5691	0.0051

85

Attachment B

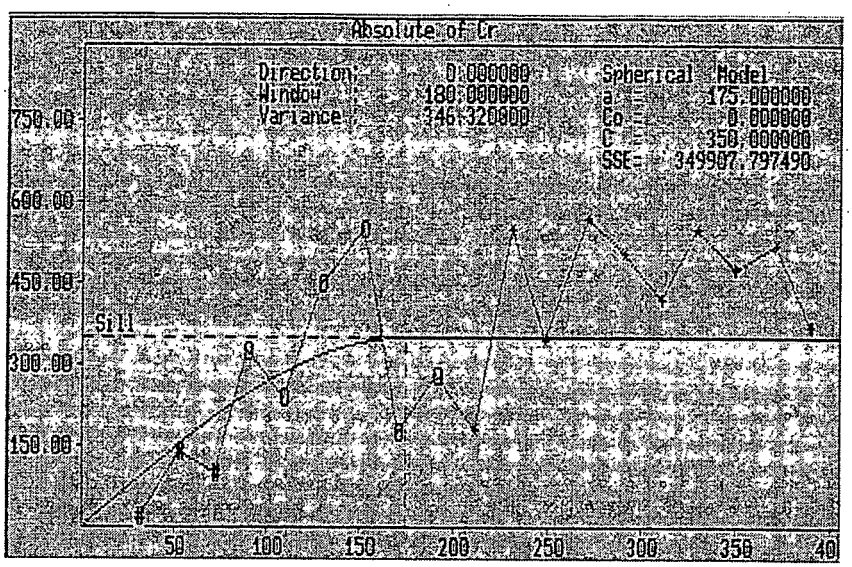


Figure B-1. Chromium in Surface Soils

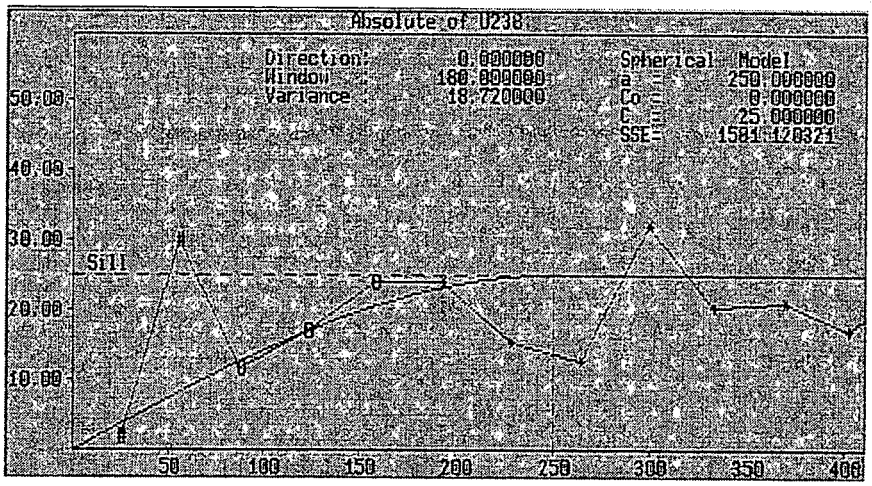


Figure B-2. U-238 in Surface Soils

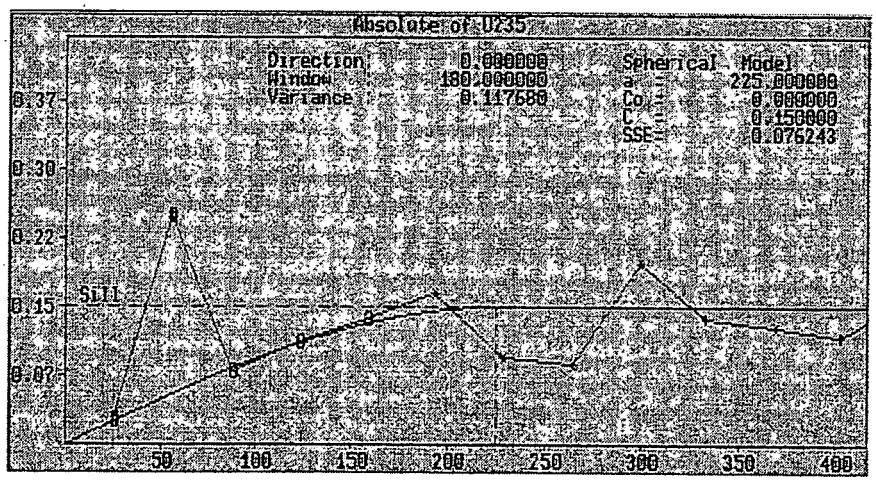


Figure B-3. U-235 in Surface Soils

87

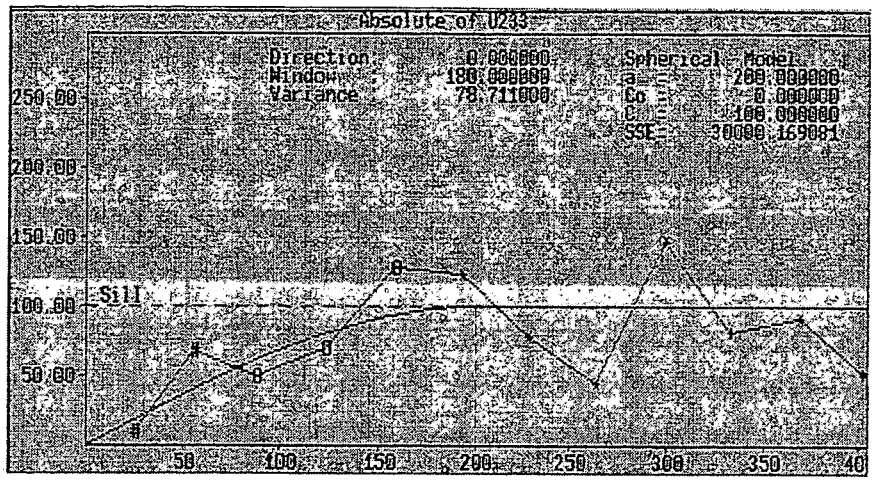


Figure B-4. U-234 in Surface Soils

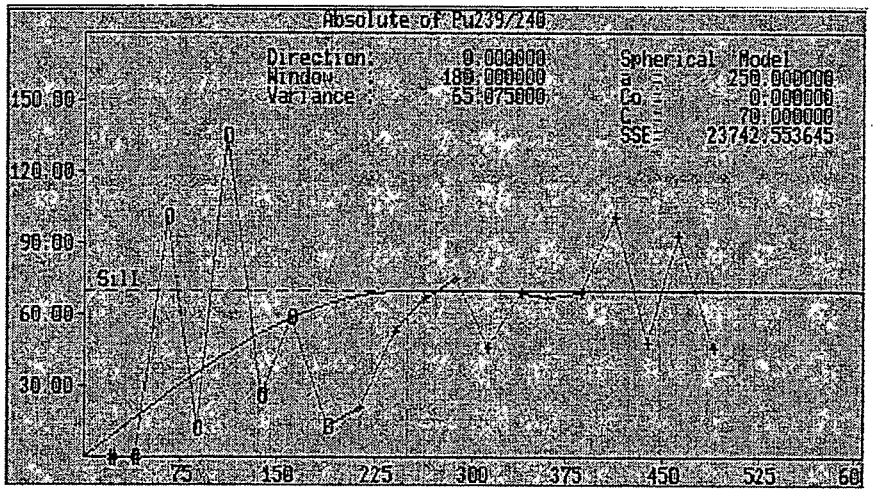


Figure B-5. Pu-239 in Surface Soil

88

Attachment C

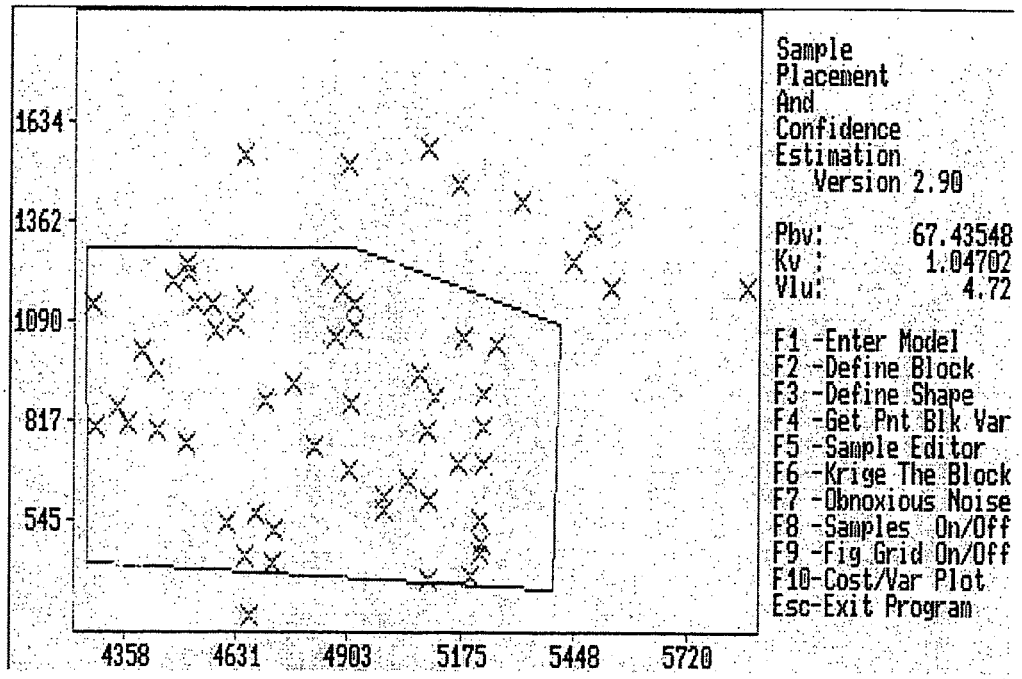


Figure C-1. Polygonal Kriging for Pu-239

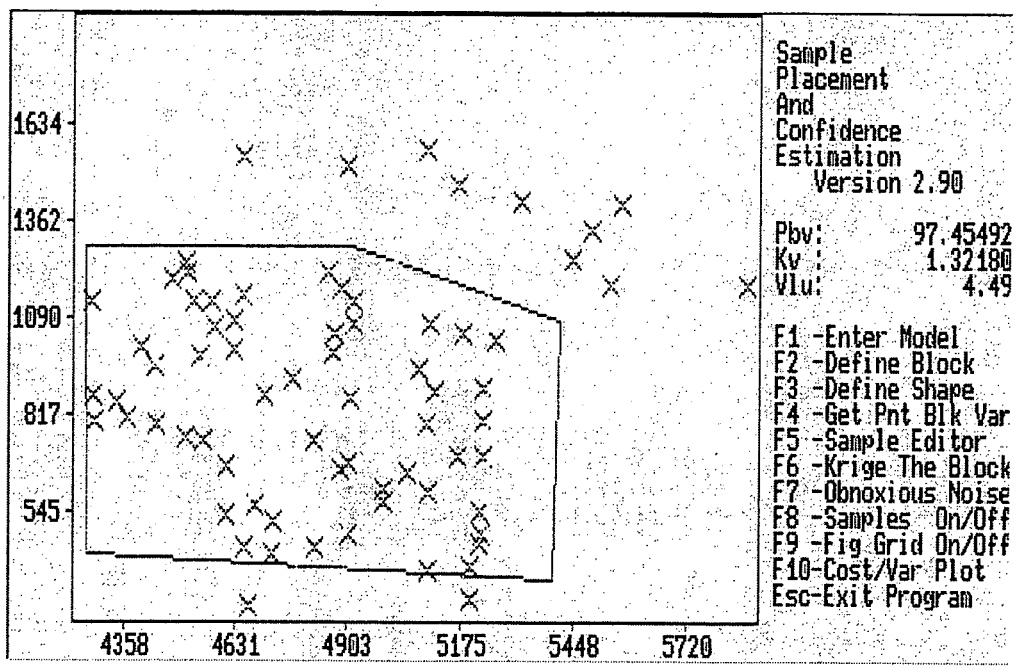


Figure C-2. Polygonal Kriging for U233/234

98

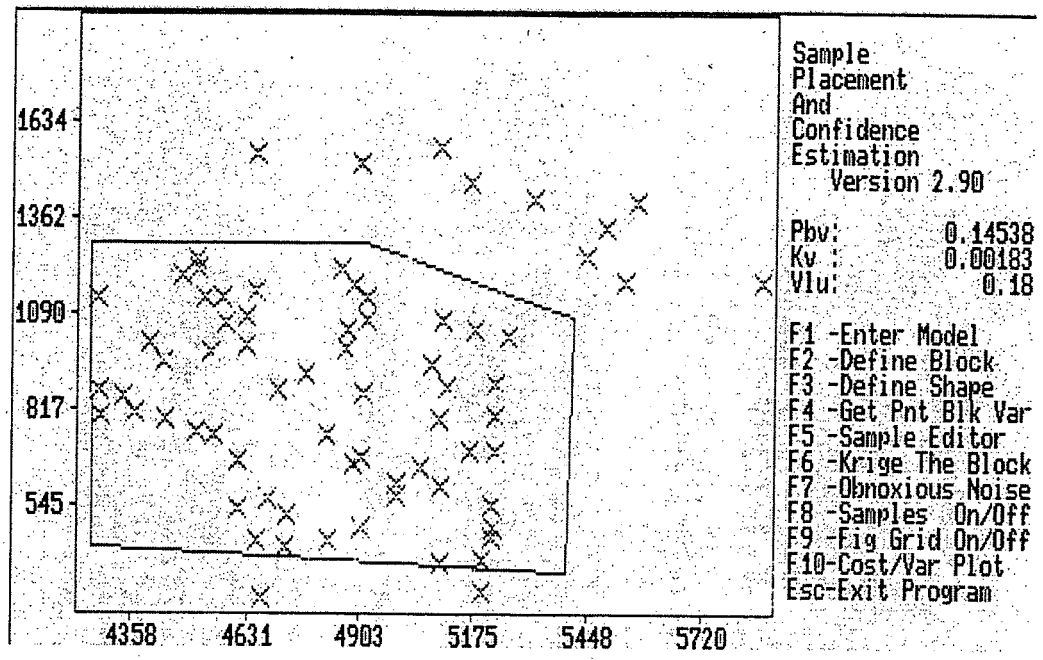


Figure C-3. Polygonal Kriging for U235

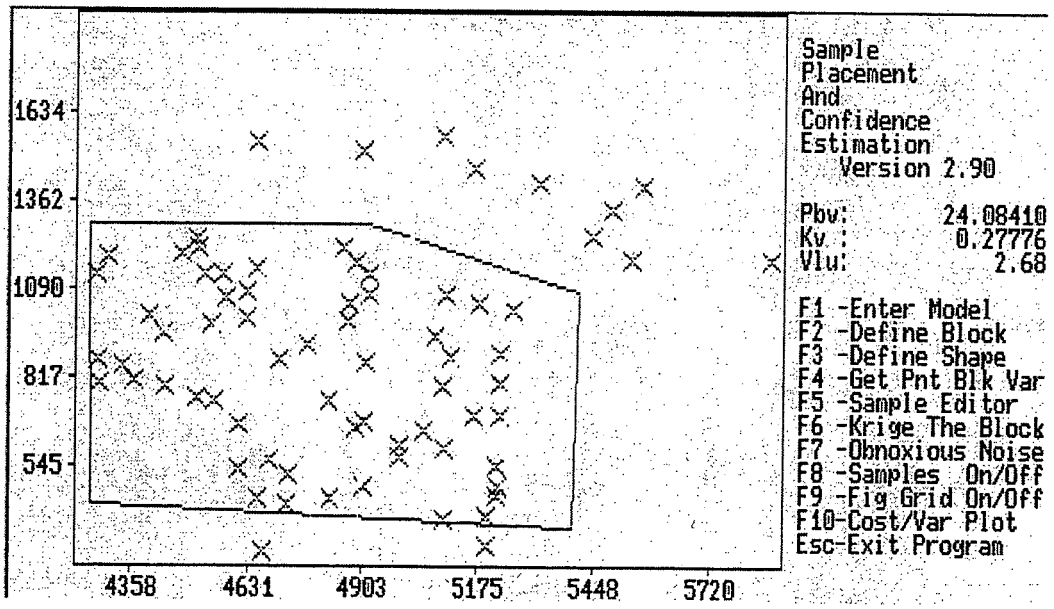


Figure C-4. Polygonal Kriging for U238

91

FINAL
HUMAN HEALTH RISK ASSESSMENT FOR THE SOLAR EVAPORATION PONDS

U.S. DEPARTMENT OF ENERGY
Rocky Flats Environmental Technology Site

Golden, Colorado

Environmental Restoration
Kaiser-Hill Company, L.L.C.
March 2002

92

TABLE OF CONTENTS

Section Page

1.0 INTRODUCTION AND PURPOSE 1

1.1 SITE DESCRIPTION 2

1.2 REPORT ORGANIZATION 2

2.0 SELECTION OF CONTAMINANTS OF CONCERN 5

2.1 ANALYTICAL DATA ASSESSMENT 5

2.2 SEGREGATION OF SAMPLES BY MEDIA 12

2.3 SELECTION OF CONTAMINANTS OF CONCERN 16

3.0 EXPOSURE ASSESSMENT 33

3.1 FUTURE ON-SITE LAND USE 33

3.2 EXPOSURE PATHWAYS AND RECEPTORS 34

3.3 EXPOSURE SCENARIOS 37

3.4 EXPOSURE POINT CONCENTRATIONS 39

3.5 INTAKE CALCULATIONS 42

4.0 TOXICITY ASSESSMENT 45

4.1 DERMAL EXPOSURE TO CHEMICALS 46

5.0 RISK CHARACTERIZATION AND UNCERTAINTY ANALYSIS 47

5.1 RISK METHODOLOGY 47

5.2 RISK RESULTS 50

5.3 UNCERTAINTIES AND LIMITATIONS 53

6.0 SUMMARY AND CONCLUSIONS 60

7.0 REFERENCES 61

93

LIST OF TABLES

Table 2.1 Summary of SEP Data Set Validation Results 7

Table 2.2 Total Number of SEP Samples in Each Media by Analytical Suite 8

Table 2.3 Comparison of Daily Intakes and Daily Allowances for Essential Nutrients Without Toxicity Values[a] 16

Table 2.4 PRG Screen for Surface Soil 18

Table 2.5 PRG Screen for Liner Materials 19

Table 2.6 PRG Screen for Subsurface Soil Above 6 Feet 19

Table 2.7 PRG Screen for Subsurface Soil Below 6 feet 19

Table 2.8 Summary of Distribution Testing for Surface Soil PCOCs 23

Table 2.9 Summary of Distribution Testing for Background Surface Soil PCOCs 24

Table 2.10 Summary of Distribution Testing for Subsurface Soil PCOCs 25

Table 2.11 Summary of Distribution Testing for Background Subsurface Soil PCOCs[1] 26

Table 2.12 Lognormal Confidence Intervals for Subsurface Analytes 28

Table 2.13 Statistical Comparison of SEP and Background Data 28

Table 2.14 Final Selected COC 32

Table 3.1. Surface Soil Exposure Factors for the Wildlife Refuge Worker 37

Table 3.2. Subsurface Soil Exposure Factors for the Wildlife Refuge Worker 38

Table 3.3 Exposure Point Concentrations 41

Table 3.4 Intake Equations for the WRW 43

Table 3.5 Intakes for the WRW From Surface Soil and Liner Material 44

Table 3.6 Intakes for the WRW From Subsurface Soil and Liner Material 45

Table 4.1. Toxicity Factors 48

Table 5.1 Summary of HIs for the WRW by Media and Exposure Pathway 51

Table 5.2 HQs and HIs by COC, Media, and Exposure Pathway 51

94

Table 5.3 Summary of WRW Carcinogenic Risks by Media and Exposure Pathway.....52

Table 5.4 Summary of WRW Carcinogenic Risks by COC, Media, and Exposure Pathway53

Table 5.5 Effect of Using Different Mass Loading Factors on Inhalation Risk 56

Table 5.6 Effects of the AUF and Gamma-Shielding Factor (1-Se) on Total Risk 57

Table 5.7 Estimated Averages, Variances, and Percent Errors as a Function of the Number of Bootstrap Iterations 58

LIST OF FIGURES

Figure 1.1 Solar Evaporation Ponds Area of Concern 3

Figure 2.1 Pond Liner Sampling Locations 13

Figure 2.2 Surface Soil Sampling Locations.....14

Figure 2.3 Subsurface Soil Sampling Locations (Beginning Depths Less Than 6 Feet).....14

Figure 2.4 Subsurface Soil Sampling Locations (Beginning Depths Greater Than 6 Feet) .15

Figure 2.5 Subsurface Soil Sampling Locations (No Depths) 15

Figure 2.6 IHSS PCOC Screening Process 20

Figure 3.1 WRW Site Conceptual Model 36

LIST OF APPENDICES

APPENDIX A Solar Evaporation Ponds Data and Background Comparison, Tables, and Figures
APPENDIX B AOC Area and Exposure Unit Size
APPENDIX C Risk Calculations

95

ACRONYMS AND ABBREVIATIONS

AI	adequate intake
AL	action level
ALF	Action Levels and Standards Framework for Surface Water, Ground Water, and Soil
AOC	Area of Concern
ASD	Analytical Services Division
AUF	area use factor
AWF	area weighting factor
BZ	Buffer Zone
CAS	Chemical Abstract Services
CCR	Code of Colorado Regulations
CDPHE	Colorado Department of Public Health and Environment
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
cm^2	square centimeter
COC	contaminant of concern
CRA	Comprehensive Risk Assessment
DAF	dermal absorption factor
DOE	U.S. Department of Energy
DQA	Data Quality Assessment
DQO	Data Quality Objective
EPA	U.S. Environmental Protection Agency
ER	Environmental Restoration
ET	exposure time
ev/d	events per day
EU	exposure unit
GIS	Geographic Information System
HEAST	Health Effects Assessment Summary Tables
HHRA	Human Health Risk Assessment
HI	hazard index
HQ	hazard quotient
hr/day	hours per day
IA	Industrial Area
IASAP	Industrial Area Sampling and Analysis Plan
IHSS	Individual Hazardous Substance Site
IM/IRA	Interim Measure/Interim Remedial Action
IRIS	Integrated Risk Information System
ITS	Interceptor Trench System
kg	kilograms
kg/m^3	kilograms per cubic meter
K-H	Kaiser-Hill Company, L.L.C.
LCS	laboratory control sample
µg/kg	micrograms per kilogram
$\mu g/m^3$	micrograms per cubic meter

96

m^3/hr	cubic meters per hour
m^3/kg	cubic meters per kilogram
MARSSIM	Multi-Agency Radiological Survey and Site Manual
MDA	minimum detectable activity
mg	milligram
mg/cm^2	milligrams per square centimeter
mg/kg	milligrams per kilogram
mg/kg-day	milligrams per kilogram per day
ML	mass loading
MS	matrix spike
MSD	matrix spike duplicate
NA	not applicable
NCEA	National Center for Environmental Assessment
ND	not detected
NPWL	New Process Waste Lines
NRC	Nuclear Regulatory Commission
OPWL	Original Process Waste Lines
OU	Operable Unit
PAC	Potential Area of Concern
PARCCS	precision, accuracy, representativeness, completeness, comparability, and sensitivity
PCB	polychlorinated biphenyl
pCi	picocurie
pCi/g	picocuries per gram
PCOC	potential contaminant of concern
ppb	parts per billion
ppm	parts per million
PRG	preliminary remediation goal
QA	quality assurance
QC	quality control
RAGS	Risk Assessment Guidance for Superfund
RCRA	Resource Conservation and Recovery Act
RDA	recommended daily allowance
RDI	recommended daily intake
RfC	reference concentration
RFCA	Rocky Flats Cleanup Agreement
RfD	reference dose
RFETS (or Site)	Rocky Flats Environmental Technology Site
RFI/RI	RCRA Facility Investigation/Remedial Investigation
RFP	Rocky Flats Plant
RIN	report identification number
RME	reasonable maximum exposure
RPD	relative percent difference
RSAL	radionuclide soil action level
SEP	Solar Evaporation Ponds

97

SF	slope factor
SOP	standard operating procedure
SVOC	semivolatile organic compound
SWD	Soil Water Database
TCLP	Toxicity Characteristic Leaching Procedure
UCL	upper confidence limit
UL	upper limit
V&V	verification and validation
VOC	volatile organic compound
WRW	wildlife refuge worker
yr	year

98

1.0 INTRODUCTION AND PURPOSE

This Human Health Risk Assessment (HHRA) was performed for Individual Hazardous Substance Site (IHSS) 101, the Solar Evaporation Ponds (SEP), effluent pipe, a portion of IHSS 121, the Original Process Waste Lines (OPWL) Resource Conservation and Recovery Act (RCRA) Units 21 and 48, and Potential Area of Concern (PAC) 900-1310 (the Interceptor Trench System [ITS] water spill) at the Rocky Flats Environmental Technology Site (RFETS).[1] This assessment quantifies human health risk and evaluates any appropriate and necessary remedial actions or implementation of other risk management measures to ensure protection of human receptors following site closure. The risk assessment was conducted in accordance with the anticipated future land use as a wildlife refuge. Adverse health risks to wildlife refuge workers (WRWs) resulting from potential exposures to chemicals and radionuclides at or released from source term areas within the SEP Area of Concern (AOC) are quantified and evaluated. Health risks are estimated for reasonable maximum exposure (RME) conditions as defined by U.S. Environmental Protection Agency (EPA) guidance (EPA 1989; 1992a).

Two risk assessments have previously been prepared for the SEP. The first was performed in close consultation with the regulatory agencies for the Interim Measure/Interim Remedial Action (IM/IRA) document (DOE 1995a). However, this document was never approved. In response to deficiencies in the IM/IRA risk assessment, Environmental Restoration (ER) staff completed a draft of a second risk assessment in late 1995. The second risk assessment was prepared in close consultation with Colorado Department of Public Health and Environment (CDPHE) but was never finalized. In addition, there have been several significant changes in anticipated land use since 1995. The changes in land use impact all phases of the risk assessment process, including receptors, exposure scenarios, exposure factors, preliminary remediation goals (PRGs), and the contaminant of concern (COC) selection process. The toxicity factors used to calculate risks have also been updated since 1995.

The current risk assessment incorporates data used in earlier risk assessments, and all recent data available since 1995. All methods and information used in the risk assessment have been updated to those that are currently approved or in the approval process for RFETS. This final risk assessment was completed in close consultation with CDPHE and EPA. Ecological risk is not specifically addressed in this risk assessment. However, ecological risk

[1] Although a portion of the New Process Waste Lines (NPWL), RCRA Unit 374.3, exists within this area, the line was not included in this risk assessment because it is an aboveground line with no soil contamination expected.

99

will be assessed in the Comprehensive Risk Assessment (CRA) and has been evaluated for watershed areas adjacent to the SEPs. Ecological risk will be assessed within larger exposure units (EUs) to evaluate potential impacts to ecological receptor populations within their defined habitats.

1.1 SITE DESCRIPTION

RFETS consists of an industrialized area of approximately 400 acres surrounded by an undeveloped Buffer Zone (BZ) of approximately 6,150 acres. The SEP is located in the central portion of the Site on the northeastern side of the Industrial Area (IA) and consists of five dry (empty) solar evaporation ponds (Pond 207-A, 207-B North, 207-B Center, 207-B South, and Pond 207-C). The SEP AOC includes adjacent soil within the IA and outside the IA fence, as well as a portion of IHSS 121, RCRA Units 21 and 48, and PAC 900-1310 (Figure 1.1). A field investigation was performed for the SEP and adjacent areas. The results are presented in Appendix A. Any releases of contaminants into the environment that may have occurred from these units are within the AOC. The total AOC area is approximately 33.3 acres with a pond surface area of 6.1 acres, as determined by Geographic Information System (GIS) analysis presented in Appendix B, Table 3.

The SEP were constructed primarily to store and evaporate all process wastewater discharged from the OWPL. These wastes contained elevated levels of radionuclides, nitrates, neutralized acidic wastes, aluminum hydroxide, sanitary sewage sludge, lithium metal, sodium nitrate, ferric chloride, lithium chloride, sulfuric acid, ammonium persulfates, hydrochloric acid, nitric acid, hexavalent chromium, and cyanide solutions.

The original ponds were initially constructed to contain wastewater within a clay liner bermed area. Subsequent ponds contained a liner of wood and asphalt. Contaminated liquids infiltrated the liner materials into subsurface soil. Currently, a groundwater barrier and treatment system is in place to protect an adjacent watershed area from transport of groundwater contaminants. A detailed description of the site location and general condition of the ponds is included in Sections 1.0 and 3.0 of the Phase I RCRA Facility Investigation/Remedial Investigation (RFI/RI) Report for the SEP (DOE 1995a).

1.2 REPORT ORGANIZATION

This document consists of the following sections and appendices that provide detailed information on various aspects of the risk assessment:

100

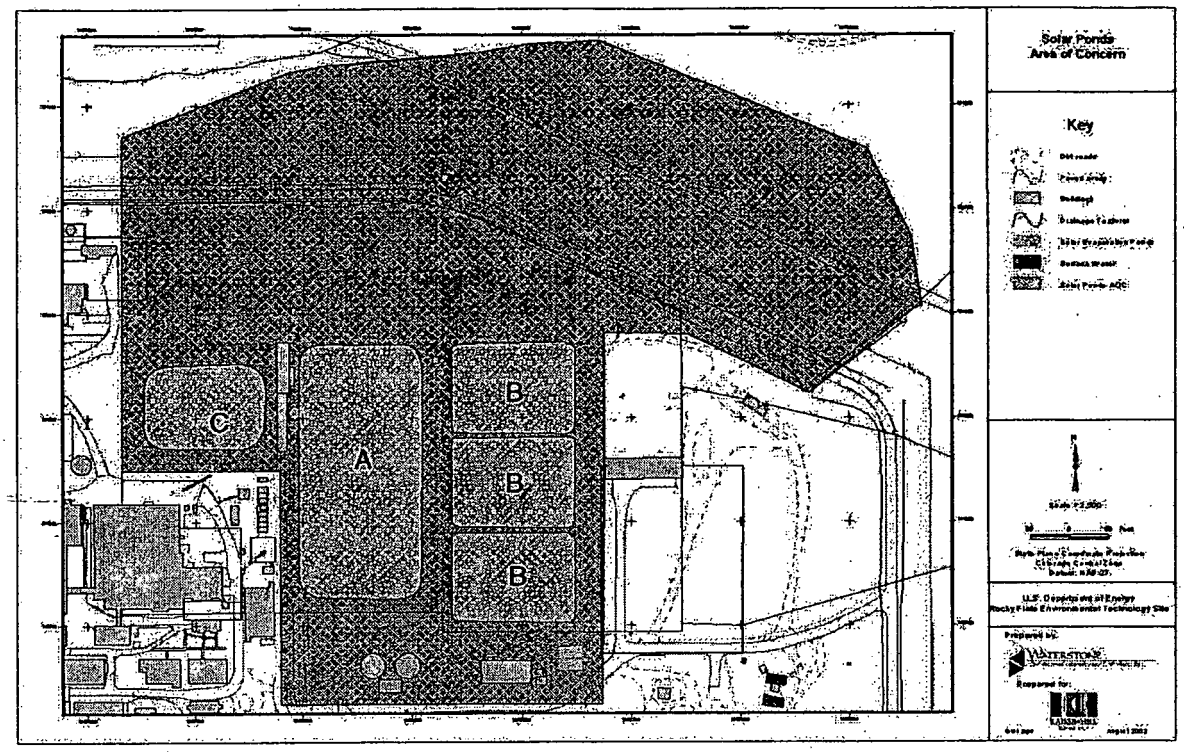


Figure 1.1 Solar Evaporation Ponds Area of Concern

Section 2.0, Selection of Contaminants of Concern: Describes the approach taken to screen and identify COCs for quantitative evaluation in the risk assessment, including a summary of the analytical data used and how the data were aggregated.

Section 3.0, Exposure Assessment: Discusses the exposure scenarios evaluated in the risk assessment, presents the exposure point concentrations calculated for each COC in each exposure medium and exposure area, and describes the methodology and exposure parameters used to quantify intake from each exposure pathway to each receptor.

Section 4.0, Toxicity Assessment: Describes the chemical-specific toxicity factors used in estimating noncarcinogenic and carcinogenic health risk resulting from exposure to chemicals and radionuclides.

Section 5.0, Risk Characterization and Uncertainty Analysis : Presents the results of the quantitative risk assessment for each exposure scenario, including hazard index (HI)/hazard quotient (HQ) estimates and dose calculations for each receptor, and identifies the primary sources of uncertainty associated with the resulting risk estimates.

101

Section 6.0, Summary and Conclusions: Summarizes and draws conclusions from the evaluation of risk assessment results and primary findings.

Section 7.0, References: Lists the literature cited in the risk assessment.

Appendix A, Solar Evaporation Ponds Data and Background Comparison Tables and Figures: Documents data management and all chemical and radionuclide data used in the risk assessment. Data are presented in tables by media, with a table of detection frequency and summary statistics. Tables and figures for background comparisons are also included.

Appendix B, AOC Area and Exposure Unit Size: Presents data on the development of the EU size and AOC area.

Appendix C, Risk Calculations: Presents risk calculation results by chemical, as well as percent of total risk by media, pathway, and chemical.

102

2.0 SELECTION OF CONTAMINANTS OF CONCERN

This section summarizes the analytical data, data aggregation assumptions, screening of potential contaminants of concern (PCOCs), and identification of COCs for quantitative evaluation in the risk assessment. COCs in surface soil, subsurface soil, and pond liner materials were selected within the AOC.

2.1 ANALYTICAL DATA ASSESSMENT

Analytical data from analysis of environmental samples collected during previous Phase I field investigations and Sitewide sampling programs were used to quantify contaminant concentrations present in the AOC, and select COCs for risk assessment. The sampling and analytical programs followed approved work plans, and chemical analytical results were validated in accordance with EPA and RFETS data validation guidelines.

SEP data used in the risk assessment consist of a compilation of analytical results generated by on-site and off-site laboratories. These data were originally stored in electronic format in the RFETS environmental Soil Water Database (SWD). The majority of these data were further processed through a series of data quality filters to ensure usability for risk assessment purposes. Appendix A describes data preparation for the final database used in the risk assessment. The data sets used for evaluation of surface soil, subsurface soil, and pond liner material are described below and presented in Appendix A, Tables A-1 through A-12.

2.1.1 Data Quality

This Data Quality Assessment (DQA) performed on the SEP data set is based on various criteria derived from EPA guidance, particularly those related to data verification and validation (V&V). A detailed DQA was also performed on the OU 4 IM/IRA data sets in 1995 (DOE 1995a), and those results are summarized herein. General guidelines for conducting V&V of SEP data are given in Kaiser-Hill (1997a) and Lockheed-Martin (1997). Specific V&V guidelines were utilized to assess volatile organics, semivolatile organics, inorganic metals, and isotopic alpha spectroscopic results (Kaiser—Hill 1997b,c,d, and Kaiser-Hill 1998). Quality control (QC) evaluations performed on the current SEP data set are documented within the Microsoft ACCESS database "OU4 RA-DQA.mdb."

Verification and Validation of Results

Verification ensures that data produced and used by a project are documented and traceable in accordance with IA Sampling and Analysis Plan (IASAP) (DOE 2000). Validation

103

consists of a technical review of data that directly support project decisions, such that any limitations of the data relative to project goals are stated. V&V criteria include:

- Chain-of-custody;
- Preservation and hold times;
- Instrument calibrations;
- Preparation blanks;
- Interference check samples (metals);
- Matrix spikes/matrix spike duplicates (MS/MSDs);
- Laboratory control samples (LCSs);
- Field duplicate measurements;
- Chemical yield (radiochemistry);
- Required quantitation limits/minimum detectable activities (MDAs) (sensitivity of chemical and radiochemical measurements, respectively); and
- Sample analysis and preparation methods.

Evaluation of V&V criteria ensures that precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS) parameters are satisfactory and within tolerance limits established for the project. Satisfactory V&V of laboratory quality controls are captured through application of validation "flags," or qualifiers, applied to individual records. Satisfactory V&V are indicated by a greater than 25 percent validation frequency for all data package submittals, and a less than10 percent rejection of all data package records validated (DOE 2000).

Validation results are summarized in Table 2.1, and indicate that data quality for the project is excellent. Validation frequencies ranged from 53 to 86 percent per analytical suite and far exceed the IASAP DQOs of greater than 25 percent for data packages. Rejected records with an "R" validation code ranged from 0.5 to 2.5 percent of the total records for each analyte group. Analytical results for the category of "Organics-misc" refer to nontarget compounds not readily classified within the analytical suites given.

Field sampling conducted for the OU 4 RFI/RI was performed under an approved Quality Assurance (QA) Plan, including standard operating procedures (SOPs), QA addenda, and work plans (EG&G 1993). Several deficiency reports and associated corrective action plans were also produced and implemented during the course of the project as an integral part of the quality program. None of the deficiencies compromised data quality (DOE 1995a, §II.3.6.1).

104

Table 2.1 Summary of SEP Data Set Validation Results

Validation Qualifier	Total of CAS Numbers	Number of Validated Records							
		Organics-misc	Anions	Metals	PCBs	Pesticides	Radionuclides	SVOCs	VOCs
Null	4,410	121	73	519	126	258	649	1,523	1,141
Y	141	35	-	-	-	-	106	-	-
Z	3,458	349	40	682	28	80	223	1,623	433
N	553	-	-	24	-	-	529	-	-
A	2,228	63	18	343	2	-	976	501	325
J	3,720	168	29	2,430	53	100	59	623	258
V	20,383	306	273	4,345	715	2,000	1,159	5,493	6,092
R	605	40	2	154	21	60	71	46	211
	-	-	-	-	-	-	-	-	-
Total Records	35,498	1,082	435	8,497	945	2,498	3,772	9,809	8,460
% Validated	76%	53%	74%	86%	84%	86%	60%	68%	81%
% Rejected	1.7%	3.7%	0.5%	1.8%	2.2%	2.4%	1.9%	0.5%	2.5%

V = valid without qualification
J = estimated (semiquantitative) value
A = acceptable with qualification
Null, N, Y, Z = not validated
R = rejected, do not use

Hard-copy records of previous SEP (OU 4) reports can be found in the RFETS Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Administrative Record. Raw data, including V&V results and individual analytical data packages, are currently filed by report identification number (RIN) and maintained by Kaiser-Hill Company, L.L.C. (K-H) Analytical Services Division (ASD). Older hard copies reside in the Lakewood, Colorado, Federal Center.

Precision and Accuracy

Overall precision and accuracy for the SEP data set were evaluated. Precision and accuracy have also been discussed and documented in the SEP IM/IRA (DOE 1995a) and summarized in this section.

Precision of field sampling was adequate based on measurement of the relative percent difference (RPD) between duplicate and real samples. A collection frequency of 10 percent was originally established for the project, although greater than 5 percent is generally considered adequate. The actual collection frequency was 1:14, or approximately 7 percent.

105

The RPD DQO for soil matrices was less than 40 percent, which was achieved for all analytical suites, including radionuclides, over 75 percent of the time.

Field blanks collected during the project indicated that no false positives were present in the data set due to equipment cross-contamination.

Representativeness

Samples collected for the project are representative based on their type, number, and location relative to the site-specific history (DOE 1995a). Other criteria that corroborate representativeness include:

- Implementation of industry-standard chain-of-custody protocols;
- Compliance with sample preservation and hold times; and
- Compliance with documented and Site-approved sampling plans and procedures, including SW-846 analytical methods.

Completeness

Sampling completeness was evaluated through the number and types of samples collected relative to project DQOs. Specifically, were enough samples collected to meet established goals, and produce valid results, to make project decisions?

Table 2.2 presents the number of samples collected, relative to the analytical suites, for each environmental media.

Table 2.2 Total Number of SEP Samples in Each Media by Analytical Suite

	Number of Samples Collected			
Analytical Group	Liner Surface	Surface Soil 0-0.5 Feet	Subsurface Soil 0.5-6.0 Feet	Subsurface Soil > 6.0 Feet
Metals	15	73	103	72
Radionuclides	15	72	118	133
PCBs	0	66	17	14
Pesticides	0	61	17	14
VOCs	0	68	98	102
SVOCs	67	67	27	14
Organics (misc)	0	71	101	72
Aroclors	-	-	72	59

Evaluation of data presented in Table 2.1 indicated that the minimum required percentages of validation were achieved for all sample types and analytical methods. Of the percentages validated, less than 4 percent were rejected for any given analytical method. This result is

106

well below the maximum allowable rejection rate of 10 percent considered acceptable based on IASAP DQOs. All rejected records were disqualified from use in the SEP risk assessment.

Comparability

All results presented are comparable with nation-wide CERCLA data and U.S. Department of Energy (DOE) complex-wide environmental data. This comparability is based on:

- Use of standardized engineering units in the reporting of measurement results;
- Consistent sensitivities of measurements less than or equal to one half corresponding action levels (ALs); and
- Use of Site-approved procedures, work plans, and quality controls (for example, Contractual Statements of Work for laboratory analyses; [DOE 1995a]).
- All contractors were required to follow established work plans and analytical methods including SW-846 (EPA 1994b)

Sensitivity

The adequacy of sensitivities for analytical methods were evaluated for all results. Reporting limits and nondetect values were in units of micrograms per kilogram (µg/kg) or parts per billion (ppb) for organics, milligrams per kilogram (mg/kg) or parts per million (ppm) for metals, and picocuries per gram (pCi/g) for radionuclides. Analyte detection limits and non-detect results were compared with PRGs based on WRW target risks of 1E-05 and an HQ of 1.0 on a record-by-record basis. All results were less than one half the PRG value. Adequate sensitivity was therefore achieved.

Summary

Data quantity and quality are acceptable for risk assessment purposes, with the qualifications given, and based on the V&V criteria cited.

2.1.2 Power Calculations

Sampling power was evaluated to statistically determine whether sufficient samples were collected to adequately characterize analyte concentrations within the AOC to support risk assessment. In other words, given the estimate of the average analyte concentration and observed variance, it was determined whether the number of samples was adequate to identify an exceedance of ALs for the WRW at the 95% level of confidence. It was assumed that samples were collected independently across the AOC for all sampled media, including

107

liner material, surface soil, and subsurface soil. All PCOCs found to be above screening risk levels were evaluated.

Three methodologies were used to conduct power calculations that are specific to the type of concentration distributions observed:

- Parametric: EPA (1994a). QA/G-4 Report for normally distributed results.
- Lognormal: Gilbert (1987). Equation 13.23 for lognormally distributed results.
- Non-parametric: Nuclear Regulatory Commission (NRC) et al. (1997). Multi-Agency Radiological Survey and Site Investigation Manual (MARSSIM) Report §5.5.2.3 for non-parametric distributions.

The QA/G-4 model (EPA 1994) was used to assess normally distributed analyte data and evaluate sample adequacy. Gilbert equation 13.23 (1987) was used to estimate numbers of required samples for all analytes with lognormal distributions. The MARSSIM model (NRC et al. 1997) was used for all analytes with observed non-parametric distributions. All three models were used to derive estimates of the averages and variances required to calculate the 95% upper confidence limits of the mean concentrations (95UCLs). Non-parametric estimates were derived from the Bootstrap resampling methodology (EPA 1997a, EPA 2001a; EPA 2002a).

Relative errors were derived primarily from the difference between the PRG or AL and the mean. Secondary relative errors were determined based on the difference between the PRG and the upper 95% confidence limit of the mean. A target risk of 1E-05 and HQ of 1.0 were used to select the appropriate PRGs to derive relative errors. Relative errors derived from average and 95UCLs were used to bound sampling errors due to inherent heterogeneity of analytes in soil and liner materials to predict the number of samples required.

Statistical testing for distributions was conducted at the 95% confidence level using EPA QA/G-9 guidance and the associated DataQuest software (EPA 2000a). Graphical output was also evaluated, including histograms and frequency distributions. Section 2.3.5 presents a detailed evaluation of distributional testing for all PCOCs. Section 2.3.3 presents results of the comparison of analyte maximum concentrations to PRGs.

Liner Material

Radiological results appeared to be lognormal with leptokurtic, skewed-right distributions clustering about zero. However, statistical testing did not confirm lognormality for liner analytes due to limited sample size of n = 15. The non-parametric MARSSIM method was therefore employed to evaluate sample power for liner analytes.

Power calculation results indicated that a sufficient number of samples were collected for all liner analytes. The results indicated that the difference between the mean or 95UCL and the respective PRGs is so great, that no additional samples would have to be collected. A value of 13 was obtained for the MARSSIM test using the mean and 95UCLs, which is the default value when the relative shift is greater than 3.0. Lognormal power calculations using the Gilbert equation conducted for all liner analytes confirmed results of the non-parametric analysis and also indicated that no additional samples would be required.

Surface Soil

Sample sizes for surface soil analytes ranged from 60 to 73. All analytes had non-parametric distributions except americium-241 and plutonium-239/240, which exhibited lognormal distributions. Results of the MARSSIM power calculations indicated a default value of 13 for all analytes in surface soil. Lognormal power calculations for americium-241 and plutonium-239/240 with lognormal distributions also indicated that no additional samples would be required. A predicted value for americium-241 of two samples was obtained for the 95UCL and a value of one sample was obtained for plutonium-239/240. Low results for lognormal analytes indicates that the means and upper 95% confidence levels are well below the respective PRGs and no additional samples would have to be collected.

Subsurface Soil

Subsurface soil was evaluated for sample adequacy using normal, lognormal, and non-parametric power calculations. Actual sample sizes for subsurface soil analytes ranged from 95 to 118. Iron was the only analyte with a normal distribution. Americium-241, plutonium-239/240, uranium-235, and uranium-234 were all assigned non-parametric distributions due to the presence of negative data. Uranium-238 and all other analytes had observed lognormal distributions.

A predicted sample size of one was obtained for iron using the EPA QA/G-4 model. All lognormal power calculation results were also one. All non-parametric power calculation results were 13. Low results for normal and lognormal analytes indicated that mean and upper 95% confidence levels were well below the respective PRGs for the WRW. Non-parametric results were all at the default of 13 when the relative difference over the standard deviation is greater than 3.0. Predicted sample sizes for all subsurface soil analytes were therefore below the actual sample sizes collected at the SEP.

Based on the results of the power calculations for all analytes in all SEP media, it was concluded that a sufficient number of samples were collected from the AOC to adequately quantify risk at 95% probability.

2.2 SEGREGATION OF SAMPLES BY MEDIA

This section describes the samples collected by media; including pond liner, surface soil, and subsurface soil.

2.2.1 Liner Material

A total of 15 pond liner material samples were collected in 1993 and 1995. These samples were analyzed for metals and radionuclides. Analyses for organics were not requested because the liner materials were made of asphalt. Sampling locations for the collection of pond liner materials are shown on Figure 2.1. All ponds were sampled, except the southernmost B-Series ponds. However, all B-Series ponds received similar waste streams and contaminants.

The pond liner data were aggregated separately and assessed using surface soil pathways. Separation of liner materials provided critical information to risk management to evaluate possible remediation of this medium overlying surface soil. No allowance was made for additions of clean fill over the liners.

Four asphalt samples from Pond 207-C were collected and tested for RCRA toxicity characteristics using the Toxicity Characteristic Leaching Procedure (TCLP) Test Method 1311, specified by EPA in SW-846 (EPA 1996). Observed concentrations of arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver were well below regulatory limits. Therefore, the SEP liner material were not classified as characteristic hazardous waste and are not subject to regulation under RCRA, Code of Colorado Regulations (CCR) 1007-3, Subpart C.

2.2.2 Surface Soil

Most surface soil samples were collected using the Rocky Flats Plant (RFP) method, in which the top 2 inches (5 centimeters) of soil were collected in several locations within a plot and then composited. Other samples were collected from the first interval of a borehole. All samples having a beginning and ending depth between 0 and 6 inches were retained in the surface soil data set. Surface soil for the ponds was considered to be within 0 to 6 inches of soil below the liners. The majority of surface soil samples were collected from May through

110

July 1994. The analytical parameters varied by location, but generally included metals, radionuclides, nitrates, volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides, and polychorinated biphenyls (PCBs). Surface soil sampling locations are shown on Figure 2.2.

2.2.3 Subsurface Soil

Subsurface soil samples were collected from October 1987 through November 1993 in 2-to-6-foot composites, depending on sampling location. However, samples collected for VOC analyses were not composited. Laboratory analyses of subsurface soil samples generally included VOCs, SVOCs, metals, pesticides, PCBs, and radionuclides. Subsurface data were divided into three categories: (1) samples with beginning depths less than 6 feet and ending depths greater than 0.5 foot (Figure 2.3); (2) samples with beginning depths greater than 6 feet (Figure 2.4); and (3) samples with no depth data in the database (Figure 2.5). Only samples with starting depths less than six feet were used in the risk assessment, because receptors are unlikely to come in contact with soil below six feet. Subsurface data with no depths were not used due to the uncertainty of actual sample depth. These data are discussed in Section 2.3.7.

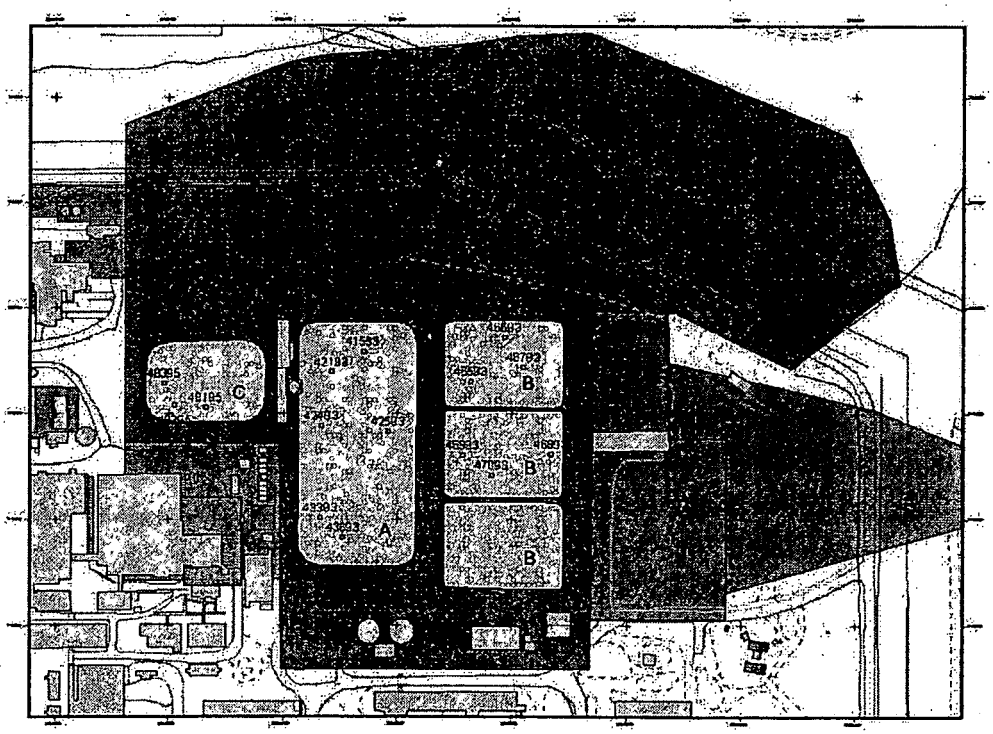


Figure 2.1 Pond Liner Sampling Locations

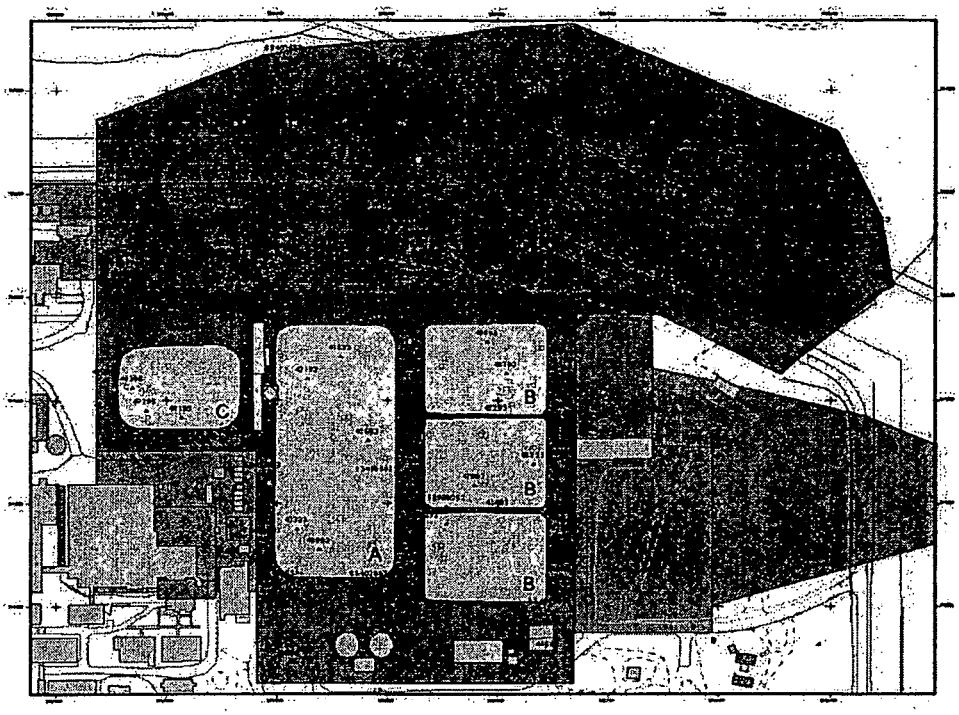


Figure 2.2 Surface Soil Sampling Locations

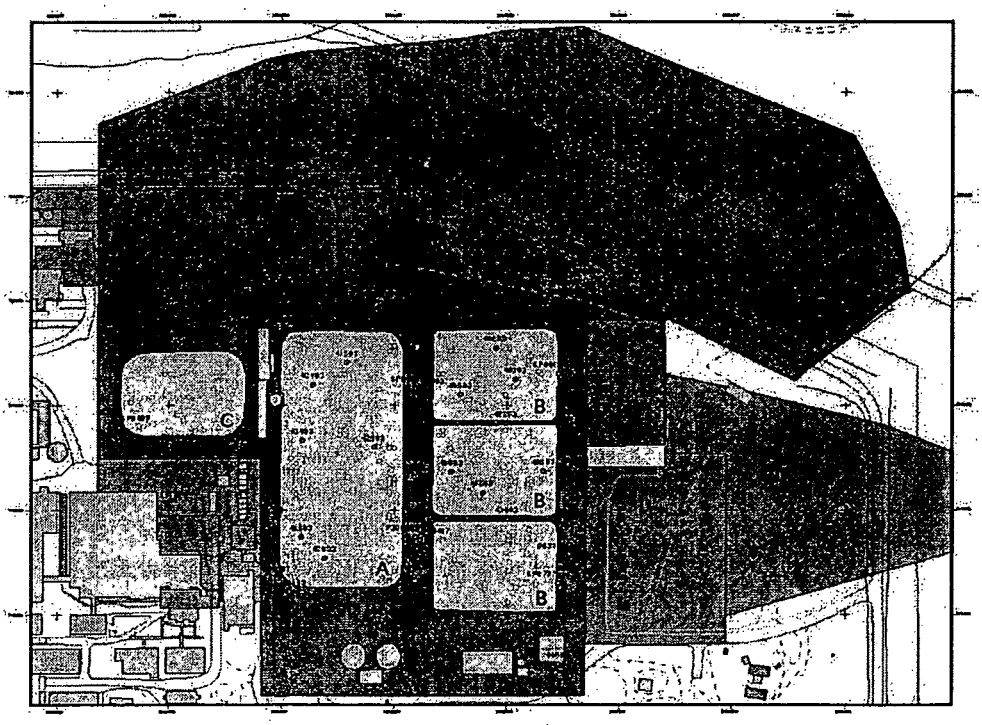


Figure 2.3 Subsurface Soil Sampling Locations (Beginning Depths Less Than 6 Feet)

112

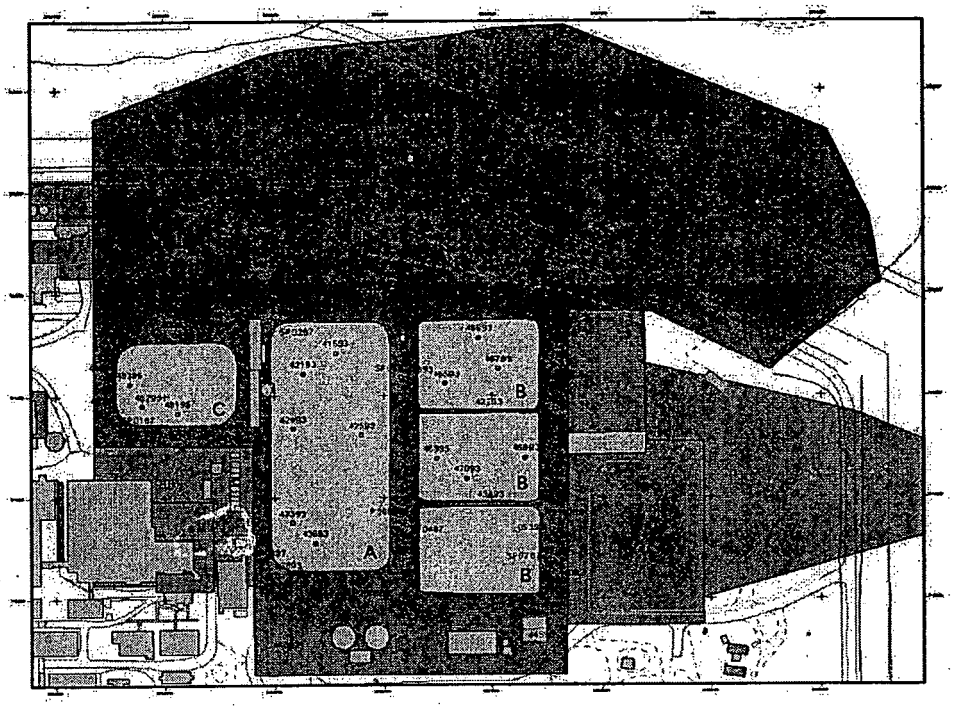


Figure 2.4 Subsurface Soil Sampling Locations (Beginning Depths Greater Than 6 Feet)

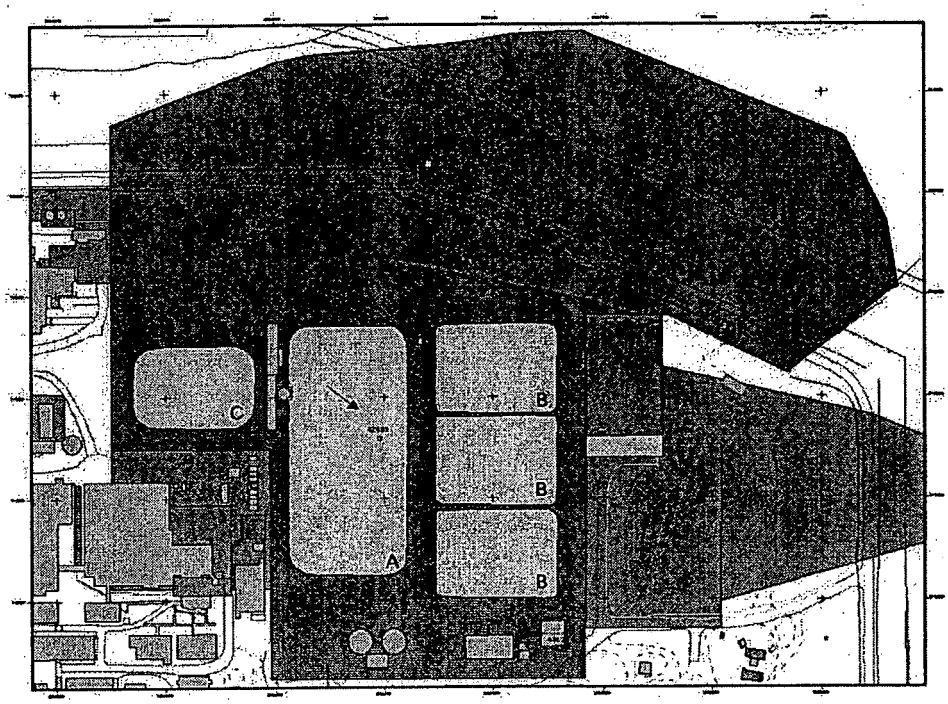


Figure 2.5 Subsurface Soil Sampling Locations (No Depths)

113

2.3 SELECTION OF CONTAMINANTS OF CONCERN

Samples within the AOC for surface soil, subsurface soil, and liner material were selected for use in the risk assessment. The constituents in these media were the result of natural processes, precipitation or downwind deposition of particulates and aerosols from the solar ponds, anthropogenic background (including pond liner materials), leakage of fluids from the solar ponds and surrounding lines, and accidental releases of site-specific chemicals. All analytes listed in the Action Levels and Standards Framework for Surface Water, Ground Water, and Soil (ALF) are considered PCOCs (DOE et al. 1996). Summary information for all PCOCs is presented in Appendix A, Tables A-13 through A-20. All sample results from the AOC were pooled for each medium and the COCs selected. The procedure used to screen the data and select COCs is documented below and shown on Figure 2.6.

2.3.1 Essential Nutrients and Major Cations/Anions

Essential nutrients with no toxicity values in Integrated Risk Information System (IRIS) or Health Effects Assessment Summary Tables (HEAST) were compared to recommended daily allowances (RDAs), recommended daily intakes (RDIs), adequate intakes (AIs) or upper limit (UL) daily nutrient intakes, in accordance with EPA guidance (EPA 1989). Results of this comparison are shown in Table 2.3.

Table 2.3 Comparison of Daily Intakes and Daily Allowances for Essential Nutrients Without Toxicity Values[a]

Element	Intake From Ingestion of 200 mg of Soil Per Day (mg/day)			Surface Soil Concentration (mg/kg)	
	Maximum	RDA/RDI/AI[2]	UL[2]	SEP Maximum	Western US Background Range[1]
Calcium	49.6	500-1,200	2,500	248,000	600 – 320,000
Magnesium	1.3	80-420	65-110	6,500	300-<100,000
Potassium	1.66	2,000-3,500	NA	8,310	1,900-63,000
Silicon	2.26	NA	NA	11,300	150,000-440,000
Sodium	0.7	500-2,400	NA	3,660	500-100,000

1. Shaklette and Boerngen 1984
2. RDA/RDI/AI/UL taken from NAS 2000.
NA = Not available
ND = Not detected
a. NAS = National Academy of Sciences (2000; 2002)

114

All essential nutrients in Table 2.3 were eliminated from further consideration based on calculated maximum intakes well below the RDAs, RDIs, ALs, and ULs. Maximum intakes were also well within the range of background soil concentrations. However, all essential nutrients with toxicity values were taken through the COC selection process.

2.3.2 Data Aggregation and Calculation of Statistics

Data aggregation for the risk assessment was performed in accordance with guidelines developed by CDPHE, EPA Region VIII, and DOE. The SEP AOC was delineated on the basis of the spatial extent of potential contaminants and known historical use. The AOC encompasses the SEP and adjacent contaminated soil (Figure 1.1).

Sample concentrations for surface soil and the bermed soil surrounding the SEP were aggregated. Liner sample data were aggregated separately from surface soil so that risks could be estimated for both media. Subsurface soil data were aggregated for use in the risk assessment for samples with beginning depths at less than 6 feet. Summary statistics were also generated for samples with beginning depths below 6 feet and for those records with no depth data. These samples presented in Appendix A were not used in the risk assessment.

Summary statistics were calculated for each data group, including detection frequency, mean contaminant concentrations, minimum concentrations, maximum concentrations, and standard deviation. Summary statistics are presented in Appendix A, Tables A-13 through A-20. A summary of samples found to have irregular units that were excluded from the risk assessment is presented for each medium in Appendix A, Tables A 21 through A-23. The 95UCL was only calculated for COCs. Additional details on calculating the exposure concentrations are provided in Section 3.0.

2.3.3 Comparison to PRGs

PCOCs were screened relative to PRGs for the on-site WRW exposure scenario set to a 1E-06 risk level and an HQ of 0.1 (Appendix A, Tables A-13 through A-20). This was done to ensure that cumulative effects of PCOCs will be taken into consideration to meet the worker target risk limits of 1E-05 and HQ of 1.0. In addition, if detection frequency was less than 5 percent, a hot spot screen was conducted at 3E-05 risk to ensure that hot spots were not present. The draft WRW PRGs developed by CDPHE using the radionuclide soil action levels (RSALs) exposure assumptions and parameters were used for the screen (CDPHE 2002). This is a conservative screen because the PRGs assumed indoor air exposure. The SEP risk assessment is also conservative because the WRW PRGs assumed continuous gamma exposure for the occupational WRW receptor. Correction of the PRGs used in this

115

risk assessment for indoor air and continuous gamma exposures would lower the resulting risk (see Section 3.0).

Hexavalent chromium was deposited in the SEP. However, it is unlikely that the chromium has remained in the oxidized state due to its instability in the soil environment. The PRG value for chromium VI was used for conservatism in this risk assessment. The maximum values observed from site samples, as reported in Appendix A, Tables A-13 through A-20, were directly compared to PRGs. Those PCOCs with maximum concentrations below the corresponding PRGs were eliminated from further consideration. The data were also compiled for subsurface soil below 6 feet, so they may be compared to shallow subsurface soil. PCOCs with maximum values above the PRGs are shown in Tables 2.4 through 2.7.

Table 2.4 PRG Screen Results for Surface Soil

Analyte	Minimum Conc.	Maximum Conc.	No. of Total Samples	No. of Detects	Detection Frequency (%)	PRG: 1E-6 or HQ=0.1	Max/PRG
Inorganics (mg/kg)							
Aluminum	5.45	32500	73	72	99	14763	2.20
Arsenic	0.31	7.5	72	70	97	2.17	3.46
Cadmium	0.135	382	73	43	59	95.5	4
Chromium	0.47	120	73	71	97	15.1	7.95
Manganese	1.1	7650	73	72	99	220	34.8
Organics (µg/kg)							
Benzo(a)pyrene	36	1700	67	37	55	349	4.87
Dibenz(a,h)anthracene	38	370	66	9	14	349	1.06
Radionuclides (pCi/g)							
Americium-241	0.011	130	69	69	100	3	44.6
Plutonium-239/240	0.013	56	60	60	100	7	8.42
Uranium-234	0.51	63.4	71	71	100	17.4	3.64
Uranium-235	-0.008	2.3	71	54	76	0.226	10.2
Uranium-238	0.31	27	72	72	100	1.03	26.1

116

Table 2.5 PRG Screen Results for Liner Materials

Analyte	Minimum Conc.	Maximum Conc.	No. of Total Samples	No. of Detects	Detection Frequency (%)	PRG: 1E-6 or HQ=0.1	Max/PRG
Inorganics (mg/kg)							
Chromium	5.7	37.5	15	15	100%	15.1	2.483
Radionuclides (pCi/g)							
Americium-241	0.003	8.188	15	9	60%	2.91	2.814
Uranium-235	0.018	0.27	15	10	67%	0.236	1.144
Uranium-238	0.52	2.68	15	15	100%	1.03	2.602

Table 2.6 PRG Screen Results for Subsurface Soil Above 6 Feet

Analyte	Minimum Conc.	Maximum Conc.	No. of Total Samples	No. of Detects	Detection Frequency (%)	PRG: 1E-6 or HQ=0.1	Max/PRG
Inorganics (mg/kg)							
Aluminum	2250	39100	102	102	100	14763	2.65
Arsenic	0.295	15.5	103	97	94	2.17	7.14
Barium	13.45	11600	102	101	99	1833	6.33
Cadmium	0.1	547	97	29	30	95.5	5.73
Chromium	3.8	56.9	102	102	100	15.1	3.77
Iron	3210	31100	102	102	100	30660	1.01
Manganese	43.6	1220	102	102	100	220	5.55
Organics (µg/kg)							
Benzo(a)pyrene	34	405	26	1	4	349	1.16
Radionuclides (pCi/g)							
Americium-241	-0.04	6.1	95	82	86	2.91	2.09
Plutonium-239/240	-0.06	19.78	98	81	83	6.65	2.97
Uranium-234	0	21	118	117	99	17.4	1.21
Uranium-235	0	0.87	99	71	72	0.226	3.86
Uranium-238	0.1	11.46	118	114	97	1.03	11.1

117

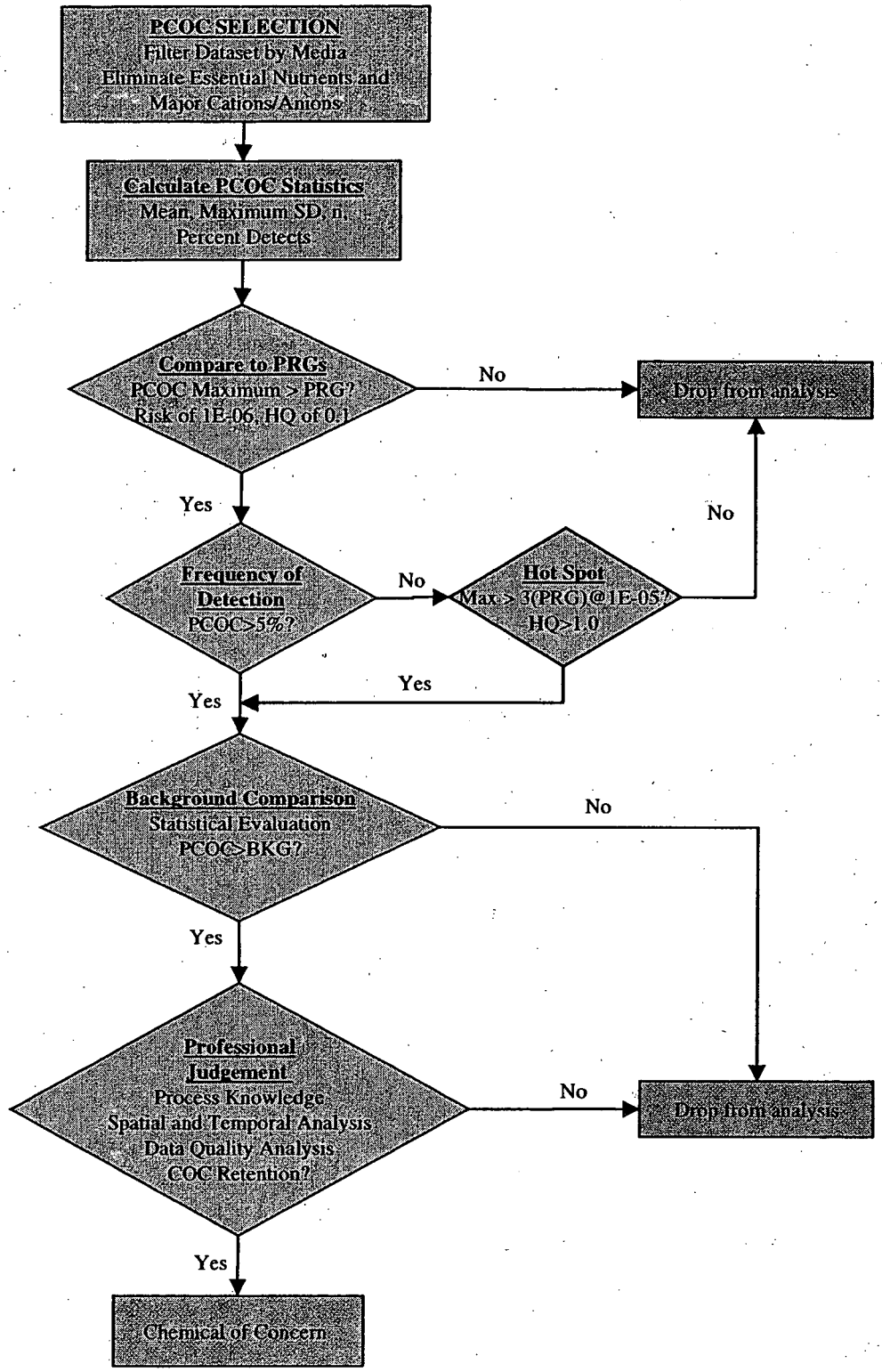


Figure 2.6 IHSS PCOC Screening Process

118

Table 2.7 PRG Screen Results for Subsurface Soil Below 6 feet

Analyte	Minimum Conc.	Maximum Conc.	No. of Total Samples	No. of Detects	Detection Frequency (%)	PRG: 1E-6 or HQ=0.1	Max/PRG
Inorganics (mg/kg)							
Aluminum	2160	42400	72	72	100	14763	2.872
Arsenic	0.19	24.6	72	67	93	2.17	11.336
Barium	9.7	4150	72	65	90	1833	2.264
Iron	1060	50800	72	71	99	30660	1.657
Manganese	21.5	3140	72	72	100	220	14.274
Radionuclides (pCi/g)							
Uranium-235	-0.005	0.383	71	43	61	0.226	1.698
Uranium-238	0.19	9.29	132	128	97	1.03	8.987

2.3.4 Frequency of Detection

All contaminants were evaluated for frequency of detection. Rarely detected PCOCs with detection frequencies less than 5 percent and analytes with no detections were screened relative to three times the PRG at a risk of 1E-05 to ensure that the detection limits were not set too high to detect potentially hazardous concentrations present in hot spots. Benzo(a)pyrene had a detection frequency of 4 percent (one detect, Table 2.6) in subsurface soil from 0.5 to 6.0 feet. This PCOC will not be retained because the ratio of the maximum detection to the PRG at 1E-05 was less than 3, and the detection frequency was less than 5 percent. Non-detected contaminants were not observed in surface soil or liner material with elevated detection limits greater than screening PRGs at 1E-06 or an HQ of 0.1 (Appendix A, Tables A-13 through A-20).

2.3.5 Data Distribution Testing

Distributional testing was performed for all PCOCs detected in liner materials, surface soil, and subsurface soil retained following the PRG and frequency screens. Testing was conducted following EPA guidance and EPA QA/G-9 methods using the DataQuest Program (EPA 1992a; 2000a; 2002a). Data Quest includes six statistical tests for determining data distributions:

- Shapiro-Wilk Test (S-W, test limited to n < 50, highly recommended);
- Fillibens Test (Fillibens, test limited to n < 100, highly recommended);
- Coefficient of Variation Test (CV, only for quick rejection of normality);
- Skewness and Kertosis Tests (S/K, n > 50, limited testing power);

119

- Studentized Range Test (S.R., n < 1,000, limitations for nonnormal data); and
- Geary Test (Geary, verify with other test if n > 50, samples size > n = 100).

Three primary tests recommended by EPA were selected to test data distributions. The Shapiro Wilk W-Test was used when samples sizes were below n = 50 as recommended by EPA. The Fillibens Test was used for sample sizes from n = 50 to 100 and the Gearys Test was used for samples sizes above n = 100 as recommended by EPA. Distribution testing results were evaluated and a final distribution type of normal, lognormal, or non-parametric was assigned to each PCOC in accordance with the UCL Method Flow Chart in the EPA guidance Calculating Exposure Point Concentrations at Hazardous Waste Sites (EPA 2002a). The assigned distribution was then used to quantify an appropriate upper 95UCL. Test results were also compared to background distribution test results to determine the appropriate statistical test to compare SEP data to background data.

Statistical comparisons to background were conducted using a non-parametric Mann-Whitney Rank Sum Test when SEP and background data had different assigned distributions or were both non-parametric, in other words, when distributions were not normally or lognormally distributed. If SEP and background data had the same normal or lognormal distributions, then a Student's T-Test was used to compare PCOCs to background. Lognormal data were log-transformed prior to conducting a standard T-Test. Evaluation of 95% lognormal confidence intervals for SEP and background data was also conducted. Overlap of 95% confidence intervals indicated that SEP data were within the range of natural background.

Liner Data Evaluation

Due to the uncertainties associated with small sample sizes of n = 15 for all liner analytes, specific distributional testing was not performed. Maximum observed concentrations for all liner analytes were, therefore, used to conservatively quantify risk rather than derive 95UCLs based on limited distributional information.

Surface Soil Data Evaluation

Surface soil data ranging in sample size from 60 to 73 were evaluated for each PCOC with a maximum concentration above the WRW PRG and a frequency above 5 percent. These PCOCs included aluminum, arsenic, cadmium, chromium, manganese, americium-241, plutonium-239/240, uranium-234, uranium-235, and uranium-238. In addition,

120

benzo(a)pyrene and dibenzo(a,h)anthracene were evaluated. All other PCOCs were eliminated in the PRG and frequency screens. Table 2.8 presents the distributional testing results.

All inorganic analyte data for surface soil were found to have non-parametric distributions. Benzo(a)pyrene was found to have a lognormal distribution. Americium-241 and plutonium-239/240 were found to have lognormal distributions. All remaining radionuclides had non-parametric distributions. Table 2.9 presents distributional testing results for background surface soil analytes. Background data distributions for inorganic analytes corresponding to SEP surface soil PCOCs were predominantly normal, with the exception of cadmium with a non-parametric distribution. Background americium-241 was also assigned a normal distribution. However, plutonium-239/240 and uranium-235 were found to be lognormal and the remaining uranium isotopes were found to be non-parametric.

Table 2.8 Summary of Distribution Testing for SEP Surface Soil PCOCs

PCOC (n)	Distribution Test Results (alpha = 0.05)		
	Normality Test	Lognormality Test	Final Distribution
	Fillibens	Fillibens	
Aluminum (73)	No	No	NP
Arsenic (72)	No	No	NP
Cadmium (73)	No	No	NP
Chromium (73)	No	No	NP
Manganese (73)	No	No	NP
Benzo(a)pyrene (67)	No	Yes	Log
Dibenz(a,h)anthracene (66)	No	No	NP
Americium-241(69)	No	Yes	Log
Plutonium-239 (60)	No	Yes	Log
Uranium-234 (72)	No	No	NP
Uranium-235 (70)	No	No	NP
Uranium-238 (71)	No	No	NP

NP = non-parametric distribution
Log = lognormal distribution

121

Table 2.9 Summary of Distribution Testing for SEP Background Surface Soil

PCOC(n)	Distribution Test Results (alpha = 0.05)				
	Normality Test		Lognormality Test		Final Distribution
	S-W	Fillibens	S-W	Fillibens	
Aluminum (20)	Yes		Yes		Nor
Arsenic (20)	Yes		Yes		Nor
Cadmium (20)	No		No		NP
Chromium (20)	Yes		Yes		Nor
Manganese (20)	Yes		Yes		Nor
Americium-241 (50)	NA	Yes	NA	No	Nor
Plutonium-239 (50)	NA	No	NA	Yes	Log
Uranium-234 (20)	No		No		NP
Uranium-235 (20)	No		Yes		Log
Uranium-238 (20)	No		No		NP

NP = non-parametric distribution
Nor = normal distribution
Log = lognormal distribution
NA = not applicable; S-W Test limited to samples sizes less than 50

Subsurface Soil Data Evaluation

Subsurface soil sample results ranging in sample size from 95 to 118 were evaluated for distributional type, as shown in Table 2.10, for all PCOCs retained in the PRG and frequency screens. Inorganics were lognormally distributed, with the exception of iron which exhibited a normal distribution. However, all radionuclides, with the exception of uranium-238, were non-parametric. Uranium-238 exhibited a lognormal distribution. Most radionuclides could not be evaluated for lognormality due to the presence of zero and negative concentrations and were assigned non-parametric distributions.

122

Table 2.10 Summary of Distribution Testing for SEP Subsurface Soil PCOCs

PCOC (n)	Distribution Test Result (alpha = 0.05)				
	Normality Test		Lognormality Test		Final Distribution
	Fillibens	Geary	Fillibens	Geary	
Aluminum (102)	NA	No	NA	Yes	Log
Arsenic (103)	NA	No	NA	Yes	Log
Barium (102)	NA	No	NA	Yes	Log
Cadmium (97)	No	NA	Yes	NA	Log
Chromium (102)	NA	No	NA	Yes	Log
Iron (102)	NA	Yes	NA	Yes	NOR
Manganese (102)	NA	No	NA	Yes	Log
Americium-241 (95)	No	NA	NC	NA/NC	NP
Plutonium-239 (98)	No	NA	NC	NA, NC	NP
Uranium-234 (118)	NA	No	NA	NC	NP
Uranium-235 (99)	No	NA	NC	NA,NC	NP
Uranium-238 (118)	NA	No	NA	Yes	Log

NA = Fillibens Test limited to n < 100 and Gearys Test limited to n > 100.
NC = not calculated due to zero and negative concentrations
NP = non-parametric distribution
Log = lognormal distribution
NOR = normal distribution

Table 2.11 presents distributional testing results for background analytes corresponding to PCOCs in SEP subsurface soil. Aluminum, arsenic, barium, and cadmium had lognormal distributions for both background and SEP data. All other background analytes in Table 2.11 exhibited non-parametric distributions. Americium-241, plutonium-239/240, and uranium-235 could not be log-transformed due to the presence of zero and negative concentrations.

Subsurface soil PCOCs exhibited more lognormal distributions compared to surface soil PCOCs that were primarily non-parametric. This could be due to the presence of contamination mixed with background concentrations in surface media, as opposed to a predominantly background population present in subsurface soil.

123

Table 2.11 Summary of Distribution Testing for Background Subsurface Soil[1]

PCOC (n)	Distribution Test Result (alpha = 0.05)		
	Normality Test	Lognormality Test	Final Distribution
	Fillibens	Fillibens	
Aluminum (98)	No	Yes	Log
Arsenic (99)	No	Yes	Log
Barium (99)	No	Yes	Log
Cadmium (81)	No	Yes	Log
Chromium (99)	No	No	NP
Iron (99)	No	No	NP
Manganese (99)	No	No	NP
Americium-241 (28)	NA	NC	NP
Plutonium-239 (99)	No	NC	NP
Uranium-234 (99)	No	No	NP
Uranium-235 (99)	No	NC	NP
Uranium-238 (99)	No	No	NP

[1]Subsurface soil data from upper stratigraphic unit
NA = Not applicable for n < 50 samples. Shapiro-Wilk Test was conducted
NC = not calculated due to zero and negative concentrations
NP = non-parametric distribution
Log = lognormal distribution

2.3.6 Statistical Comparison to Background

Analytical results for metals and radionuclides above WRW PRGs in surface soil, subsurface soil, and liner material at the SEP were statistically compared to background concentrations. Background data were taken from DOE (1995b and 1993) for local surface and subsurface soil, respectively. Liner analyte data were not compared to background due to the limited sample size of n = 15 and the difficulty in ascertaining the true distribution. All four liner PCOCs were therefore carried into the risk assessment without further screening.

Data distribution testing was discussed in Section 2.3.5 for all PCOCs retained after the PRG screen for all SEP media. Statistical comparison of SEP media data to background data was conducted, based on distribution testing results, to ascertain the possible presence of SEP analyte concentrations above natural background. If SEP media data and background data had different distributions or both had non-parametric distributions, then a non-parametric Mann-Whitney U-Test was used for the comparison. If both background and SEP media data had normal or lognormal distributions, then a specific T-Test or a comparison of lognormal 95% confidence intervals were used, respectively. When necessary, lognormal data were log-transformed prior to conducting a T-Test. A comparison of lognormal 95% confidence intervals for SEP analyte data to background data was conducted to evaluate whether SEP

data were within the range of background. However, this test was not considered conclusive and was used in conjunction with the Mann-Whitney U-Test and the T-Test to screen PCOCs in the background comparison screen. The non-parametric Mann-Whitney U-Test and T-Tests were used to test for differences between the medians and means of two independent samples with an Alternative Hypothesis: SEP > Background, p-value = 0.05.

Statistical testing versus background was performed for all PCOCs with maximum concentrations above PRGs as shown in Tables 2.4 through 2.6. Comparative statistics were run, using the Excel[tm] add-in program Analyze-it[tm], for the AOC and background data for each analyte and medium (Appendix A). A box plot comparison was completed to visually compare each pair of populations. Detailed statistical results and box plots are shown in Appendix A, Tables A-24 through A-79. Results of the statistical comparison to background are summarized in Table 2.12 and discussed below. All retained PCOCs are in boldface in Table 2.13.

Liner Material: The liner PCOCs chromium, americium-241, plutonium-239/240, and uranium-238 were compared to background and retained in the final risk assessment as shown in Table 2.13. Retention of all liner PCOCs is considered conservative because non-parametric testing indicated that chromium and uranium-238 would be eliminated.

Surface Soil: All PCOCs from SEP surface soil were evaluated and found to either have different distributions relative to background distributions or were both non-parametric (Section 2.3.5). The only exception to this observation was plutonium-239/240, which had lognormal distributions for SEP and background data. Therefore, with the exception of plutonium-239/240, all statistical comparisons to background were conducted using the non-parametric Mann-Whitney U-Test.

Aluminum, arsenic, and manganese were determined to be significantly less than background at the 0.05 level of significance and were therefore eliminated from further consideration as PCOCs (Table 2.13). The lognormal 95% confidence interval for plutonium-239/240 from the SEP (3.3-16.5 pCi/g) was calculated and found to exceed the lognormal confidence interval for background (0.035-0.043 pCi/g), as shown in Table 2.13. Cadmium, chromium, and all radionuclides were retained as PCOCs as shown in Table 2.13. A T-Test was also conducted on the log-transformed data for plutonium-239/240 and found to be significant at the 0.05 level of significance (P<0.0001).

Subsurface Soils: In general, SEP subsurface soil analytes were found to have non-parametric or lognormal data distributions that were similar to background distributions.

Chromium, iron, and manganese were determined to be less than or equal to background using the Mann-Whitney U-test and will not be considered further. Aluminum, arsenic, barium, and cadmium all exhibited lognormal distributions for both SEP subsurface soil and background soil data. The lognormal 95% confidence intervals for SEP subsurface soil and background data for these four analytes are listed in Table 2.12.

Table 2.12 Lognormal Confidence Intervals for Subsurface Analytes

PCOC	Lognormal Confidence Interval	
	SEP Soil	Background Soil
Aluminum	11619 to 14010	11484 to 14708
Arsenic	4.38 to 5.86	3.56 to 4.50
Cadmium	3.6 to 9.6	0.54 to 0.72
Barium	102 to 138	85.2 to 107

Table 2.13 Statistical Comparison of SEP and Background Data

Analyte	AOC (n)	BKG (n)	Statistical Result[a] U-Test P-Value (T-Test P-Value)	>BKG Alpha= 0.05
Liner Materials				
Chromium	15	20	**0.1118**	**Yes**
Americium-241	15	50	**0.001**	Yes
Uranium-235	15	20	**(0.0003)**	Yes
Uranium-238	15	20	**0.0966**	**Yes**
Surface Soil				
Aluminum	73	20	0.541	No
Arsenic	72	20	1.000	No
Cadmium	**73**	**20**	**0.0009**	**Yes**
Chromium	**73**	**20**	**0.0017**	**Yes**
Manganese	73	20	0.9932	No
Americium-241	**69**	**50**	**<0.0001**	**Yes**
Plutonium-239/240	**60**	**50**	**(0.0001)**	**Yes**
Uranium-234	**71**	**20**	**0.0002**	**Yes**
Uranium-235	**71**	**20**	**0.0028**	**Yes**
Uranium-238	**72**	**20**	**0.0014**	**Yes**
Subsurface Soil				
Aluminum	102	98	(0.199)	No
Arsenic	**103**	**99**	**(0.0012)**	**Yes**
Barium	102	99	(0.073)	No
Cadmium	**97**	**81**	**(0.0001)**	**Yes**

124

Analyte	AOC (n)	BKG (n)	Statistical Result[a] U-Test P-Value (T-Test P-Value)	>BKG Alpha= 0.05
Chromium	102	99	0.5645	No
Iron	102	99	0.9470	No
Manganese	102	99	0.6043	No
Americium-241	**95**	**28**	**<0.0001**	**Yes**
Plutonium-239/240	**98**	**99**	**<0.0001**	**Yes**
Uranium-234	**118**	**99**	**<0.0001**	**Yes**
Uranium-235	**99**	**99**	**<0.0001**	**Yes**
Uranium-238	**118**	**99**	**<0.0001**	**Yes**

(a) Statistical results are presented for the U-Test unless in parenthesis for the T-Test using log-transformed data.

The Mann-Whitney Rank Sum Test was used unless a T-Test was conducted on log-transformed data as shown for all results in parentheses.

Liner material was compared to surface soil background levels.

The 95% confidence intervals overlapped and supported the decision to eliminate aluminum, arsenic, and barium as PCOCs. However, the 95% confidence intervals for cadmium from the SEP were found to exceed the corresponding background interval. T-tests were also conducted for these four analytes using log-transformed data. Results are shown in Table 2.12 and indicated that aluminum (P=0.199) and barium (P= 0.073) were less than background at the 95% confidence level. The non-parametric Mann-Whitney test results also indicated that aluminum (P=0.1594) and barium (P=0.0677) were less than background at the 95% confidence level (Table 2.12). Aluminum and barium were therefore eliminated from further consideration as PCOCs.

However, arsenic was significantly higher than background with a T-Test evaluation of log-transformed data (P=0.0012) and the non-parametric Mann-Whitney U-Test (P=0.0003). Arsenic was therefore retained as a PCOC.

Cadmium was also evaluated with a T-Test using log-transformed data from the SEP and found to be significantly greater than background at the 0.05 level of significance (P<0.0001). Cadmium was therefore retained as a PCOC. All radionuclides were also retained based on significant results greater than background using the non-parametric Mann-Whitney U-Test.

/27

2.3.7 Application of Professional Judgement

The possible elimination of dibenzo(a,h)anthracene and benzo(a)pyrene in SEP surface soil and arsenic in subsurface soil was evaluated in this section. Dibenzo(a,h)anthracene and benzo(a)pyrene are members of the group of ubiquitous polyaromatic hydrocarbons that occur due to combustion, in engine exhaust and asphalt. There is no information suggesting that either compound was released due to activities at the SEP site. There is no pattern of contamination that suggests these compounds are a result of a waste release; therefore, dibenzo(a,h)anthracene and benzo(a)pyrene are not considered COCs.

Maximum concentrations for dibenzo(a,h)anthracene and benzo(a)pyrene in surface soil are above the PRG screening levels for the WRW (Table 2.3). However, Table A-2 (Appendix A) shows that there were no unqualified detections, 9 "J" estimated detections, and 57 "U" non-detections for dibenzo(a,h)anthracene. All estimated concentrations for dibenzo(a,h)anthracene were below their respective detection limits. Benzo(a)pyrene had 5 unqualified detections, 32 "J" results below the detection limit, and 30 "U" nondetections. All estimated concentrations for benzo(a)pyrene were below their respective detection limits.

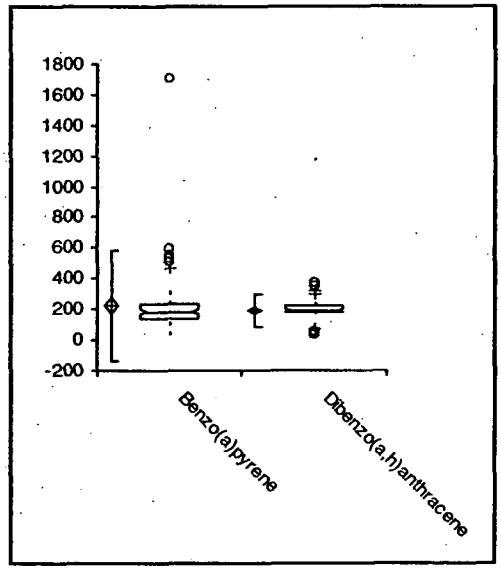


Figure 2.7 Box Plots

Figure 2.7 shows the box plots for these compounds. The plot for benzo(a)pyrene suggests that a single hit above detection limits was observed.

The WRW PRG at 1E-06 for dibenzo(a,h)anthracene is 0.348 mg/kg. The detection limit ranged from 0.330 to 0.740 mg/kg, with a mean of 0.413 mg/kg. The nine J-qualified (estimated) values were below the detection limit and ranged from 0.038 to 0.21 mg/kg. The estimated values are all well below the PRG.

The WRW PRG at 1E-06 for benzo(a)pyrene is 0.348 mg/kg. The detection limit ranged from 0.330 to 0.740 mg/kg, with a mean of 0.411 mg/kg. The five detections ranged from 0.47 to 1.7 mg/kg. The 95UCL for benzo(a)pyrene, calculated using the bootstrap methodology discussed in Section 3.0, is 0.290 mg/kg, which is also well below the PRG.

128

Arsenic was determined to be significantly greater than background at the alpha=0.05 level in the 0.5-to-6-foot layer of subsurface soil using the non-parametric Mann-Whitney Test and an independent T-Test on log-transformed data. A comparison of the 95% lognormal confidence intervals indicated the populations are the same. Figure A-55 (Appendix A) shows that the SEP results are all well below the maximum background result of 41.8 mg/kg. The maximum SEP arsenic concentration was 15.5 mg/kg. The range for surficial soil of the western United States is 0.1 to 97 mg/kg with a geometric mean of 5.5 mg/kg and an arithmetic mean of 7 mg/kg (Shacklette and Boerngen 1984). The arithmetic means for subsurface soil in the SEP AOC and background are 4.7 and 3.6 mg/kg, respectively. Both are below the geometric and arithmetic means for western U.S. soil. The arithmetic 95UCLs are 5.3 mg/kg for the SEP and 4.9 mg/kg for background. The lognormal 95UCLs are 5.9 mg/kg for the AOC and 4.5 for background. Arsenic concentrations in surface soil and liner materials were below background levels. The arsenic concentrations in subsurface soil are considered to be well within the natural variation in soil and, as such, arsenic will not be carried forward as a COC.

2.3.8 Excluded Data

The following data were specifically excluded from the risk assessment:

- Subsurface soil data with beginning depths greater than 6 feet (Appendix A, Tables A-9 through A-11, A-14, and A18);
- Soil data with null depth fields (Appendix A, Tables A-12, A-16, and A-20);
- Data for all media that had irregular units (Appendix A, Tables A-21 through A-23);
- Data for compounds not included on the ALF list of analytes; and
- Data without EPA toxicity values.

These excluded data are presented in Appendix C.

Summary statistics for data from greater than 6 feet (Appendix A, Table A-15) show that maximum values for aluminum, arsenic, iron, and manganese were higher than in data from less than 6 feet. It is likely that this is due to geologic and soil weathering processes, because these increases include the major soil constituents aluminum, iron, and, manganese. The maximum for arsenic increases from 15.5 to 24.6 mg/kg. Both arsenic concentrations are much lower than the subsurface background maximum of 41.8 mg/kg. No organics in the greater-than-6-foot data set had values greater than their respective PRGs.

Data with null depth fields were from only two locations (Figure 2.5) and included only organic analytes. No maximum values for these data exceeded PRGs.

The third type of data excluded from the assessment were data with irregular units. Rather than make changes to the units without clear justification, it was decided to censor the data. In other words, it was not possible to definitively correct the number or the associated units in each specific case. However, excluded data did not include any significantly high values (Appendix A, Tables A-21 through A-23).

Only compounds listed in ALF were included in the risk assessment per agreement with the regulatory agencies (DOE et al. 1996). All analytes listed in ALF have toxicity factors. Appendix A, Tables A-2.15 through A-2.17 list those analytes with no PRGs in ALF that were detected in liner materials, surface soil, and subsurface soil. Most analytes without PRGs were essential nutrients, radionuclides without any documented site use, or organics with no historical on-site use. In addition, thallium and titanium were detected but have no PRGs or any known history of release at the site.

2.3.9 Final Contaminants of Concern

Final COCs were selected for all SEP media based on previously discussed information, data evaluations, and screening processes. Results of the COC screening for inorganics, organics, and radionuclides present in liner materials, surface soil, and subsurface soil are summarized in Table 2.14. Final COCs were retained in the quantitative risk assessment to quantify potential impacts to receptors for each exposure scenario.

Table 2.14 Final Selected COC

Analyte	CAS Number	Total No. of Samples	Detection Frequency (%)
Surface Soil			
Cadmium	7440-43-9	73	59
Chromium	7440-47-3	73	97
Americium-241	14596-10-2	69	100
Plutonium-239/240	10-12-8	60	100
Uranium-234	11-08-5	71	100
Uranium-238	7440-61-1	72	100
Uranium-235	15117-96-1	71	76
Subsurface Soil			
Cadmium	7440-43-9	97	30
Americium-241	14596-10-2	95	86

130

Analyte	CAS Number	Total No. of Samples	Detection Frequency (%)
Plutonium-239/240	10-12-8	98	83
Uranium-234	11-08-5	236	50
Uranium-235	15117-96-1	99	72
Uranium-238	7440-61-1	118	97
Liner Materials			
Chromium	7440-47-3	15	100
Americium-241	14596-10-2	15	60
Uranium-235	15117-96-1	15	67
Uranium-238	7440-61-1	15	100

Selected COCs in liner materials were chromium, americium-241, uranium-235, and uranium-238. Radionuclides detected in liner materials generally had lower activities compared to surface and subsurface soil. Selected COCs in surface soil were cadmium, chromium, americium-241, plutonium-239/240, uranium-234, uranium-235, and uranium-238. Selected COCs in subsurface soil were cadmium, americium-241, plutonium-239/240, uranium-234, uranium-235, and uranium-238. All radionuclides were therefore selected for both surface and subsurface soil.

3.0 EXPOSURE ASSESSMENT

This section discusses exposure scenarios evaluated in the risk assessment and presents exposure point concentrations calculated for each COC in each exposure medium and exposure area. The methodology and exposure parameters used to quantify contaminant intake for each exposure pathway are also presented.

3.1 FUTURE ON-SITE LAND USE

Future on-site land use at RFETS includes environmental restoration, decontamination and decommissioning, and transfer of jurisdiction to the U.S. Fish and Wildlife Service for use as a wildlife refuge, in accordance with the Rocky Flats National Wildlife Refuge Act of 2001. The federal government will be responsible for conducting future environmental monitoring activities at the Site. The refuge is currently envisioned to have minimal maintenance following remediation; however, refuge workers are assumed to be present on-site for most of the year and engaged in refuge maintenance and ecological work activities. Residential development is not considered a foreseeable or reasonable future land use scenario and was excluded from the risk assessment.

131

3.2 EXPOSURE PATHWAYS AND RECEPTORS

A complete exposure pathway requires a chemical source, chemical release mechanism, environmental transport medium, exposure point, and human intake route. If one of these elements is lacking, the pathway is incomplete and human exposures will not occur. Exposure to groundwater is an example of an incomplete pathway for the WRW because there is no human intake of contaminants. Incomplete pathways were therefore not evaluated in the risk assessment. Exposure pathways selected for quantitative evaluation in the risk assessment are listed below.

3.2.1 Future On-Site WRW

The WRW will be primarily exposed to incidental ingestion of surface water, soil, and sediments; inhalation of volatiles and particulates; and external exposure to beta and gamma radiation from radionuclides present in surface soil. The worker will also be exposed to subsurface materials during limited digging activities and dermal contact with surface and subsurface soil.

The exposure scenario assumes that the WRW will be located in an office on an uncontaminated site 50 percent of each day during a standard work week of 5 days per week. The remaining time on site will be spent outdoors across the Site. It is assumed that this receptor will be exposed to residual contaminants in the IA, as well as all other on-site locations following remediation. The WRW will conduct some percentage of field work that will result in exposure to residual contaminated surface soil, subsurface soil, sediments, and surface water.

Figure 3.1 shows the Site conceptual model of potential human exposure pathways for the WRW. The model is a schematic representation of the contaminant sources, contaminant release mechanisms, environmental transport media, and human exposure pathways for the SEP. This model identifies complete exposure pathways that will be evaluated for quantitative risk assessment, as well as those pathways that are incomplete or do not warrant quantitative assessment because they would not contribute measurably to the estimate of overall risk.

3.2.2 Significant Exposure Pathways

Several exposure pathways were considered significant and used to quantify risk to the WRW. Incidental ingestion of surface water and sediments are not complete pathways within the AOC, but were included to estimate all sources of intake for the WRW from the

general area surrounding the SEP. Groundwater transport pathways were not evaluated because an existing barrier system is in place to intercept groundwater contaminants prior to contact with surface water.

- Inhalation of airborne surface soil particulates;
- Inhalation of liner materials;
- Incidental ingestion of surface soils;
- Incidental ingestion of subsurface soils;
- Dermal exposure to surface soils;
- Dermal exposure to subsurface soils, and
- External radiation exposure.

3.2.3 Insignificant Exposure Pathways

The following exposure pathways are incomplete for the SEP AOC, and were not quantitatively addressed in this risk assessment:

- Ingestion of fish in RFETS surface water. Surface water is not present at the SEP and on-site fishing is prohibited.
- Ingestion of livestock. Beef ingestion will not occur under the wildlife refuge land use.
- Ingestion of animal tissues. No hunting will be permitted on the wildlife refuge.
- Groundwater ingestion. Shallow groundwater is not sufficiently productive for domestic well production and no well drilling will be allowed on the wildlife refuge.
- Inhalation of VOCs released to outdoor air through volatilization from the soil. VOCs were not identified as COCs during the selection process for the SEP.
- Ingestion of homegrown produce. Gardening will not occur under the wildlife refuge land use.
- Dermal contact with surface water and sediments. Dermal exposure pathways are considered complete for other areas of RFETS, but are not significant within the AOC.

133

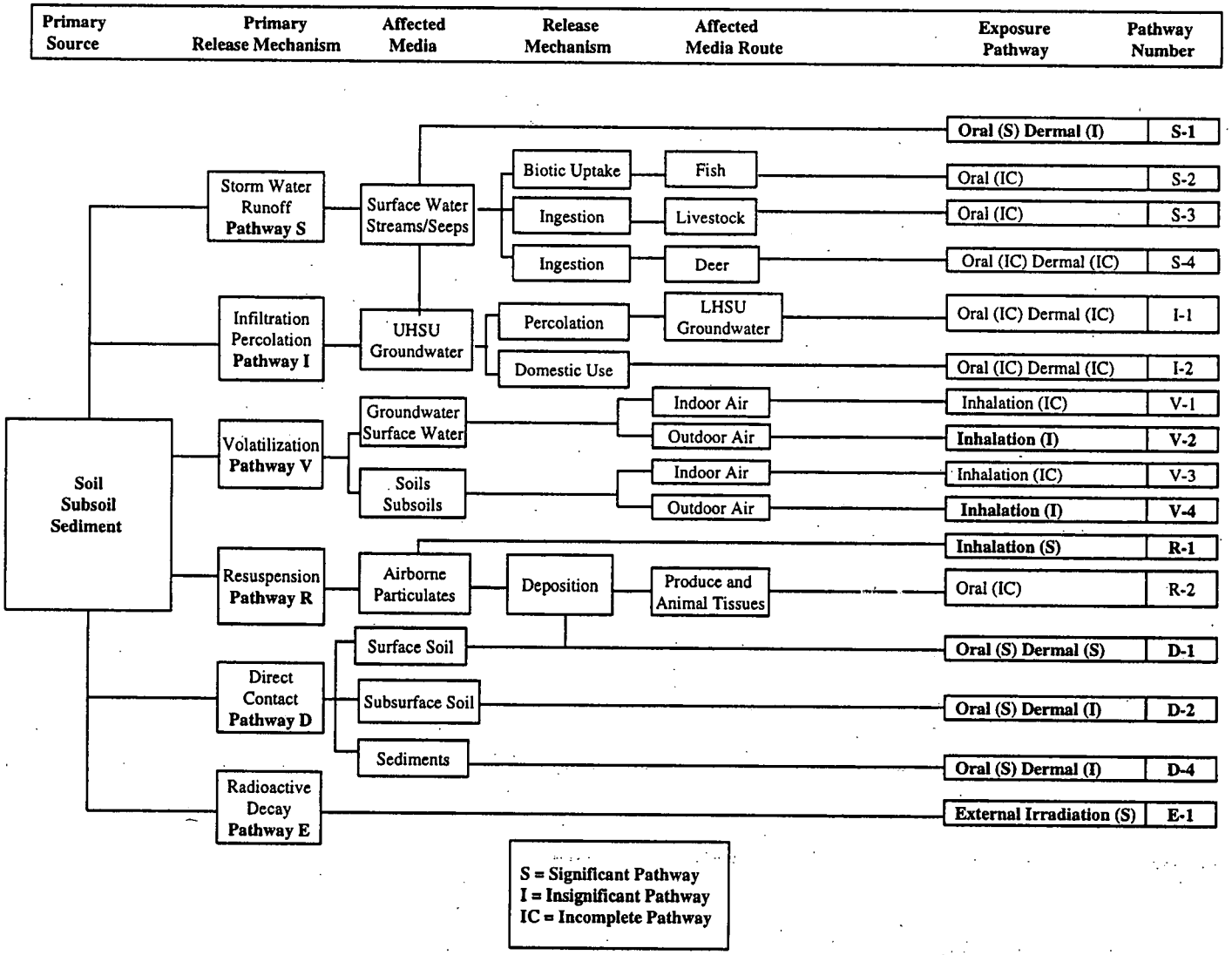


Figure 3.1 WRW Site Conceptual Model

3.3 EXPOSURE SCENARIOS

The WRW exposure scenario was used in this risk assessment based on identification of likely long-term on-site land use, potential receptors, and the site conceptual model. The site conceptual model (Figure 3.1) includes surface exposure via inhalation, ingestion, dermal contact, external radiation exposure, and exposure to ingestion of potentially contaminated surface water resulting from sediment and groundwater transport. Off-site receptors were not evaluated in this risk assessment, but will be addressed in the CRA that will evaluate potential cumulative impacts to off-site receptors from all sources of contamination. Specific scenario parameters used in this risk assessment are listed in Tables 3.1 and 3.2. Exposure parameters and assumptions are similar to the RSALs Task 3 Report with the exceptions discussed below (DOE 2002a).

The WRW scenario has no indoor exposure component. This is consistent with statements by DOE and the U.S Fish and Wildlife Service that no office buildings will be built in contaminated areas. It is assumed that workers will spend 50 percent of their on-site 8-hour work day outdoors. The other 50 percent of their work day will be spent in an office in an uncontaminated area. Select WRW exposure variables are described as follows:

Table 3.1 Surface Soil Exposure Factors for the Wildlife Refuge Worker

Exposure Variable	Acronym	Units	Point Estimate	Information Sources
Body weight	BW	kg	70	EPA default
Exposure time	ET	hr/day	4	RSALS Task 3 Report
Exposure time fraction, outdoors	ETo	unitless	1	No building
Area use factor	AUF	unitless	1	AOC area/EU area
Exposure frequency	EF	day/yr	230	EPA default of 250 days minus 20 days for subsurface exposure
Exposure duration	ED	yr	18.7	RSALs Task 3 Report
Events per day	EV	ev/d	1	Unit correction
Carcinogenic averaging time	ATc	day	25550	70 yr x 365 days/yr
Noncarcinogenic averaging time	ATn	day	6826	18.7 yr x 365 days/yr
Hourly inhalation rate	IR_h	m^3/hr	1.3	RSALs Task 3 Report
Mass loading	ML	kg/m^3	2.12E-08	50th percentile of RSALS distribution
Site-specific PEF based on ML	PEF	m^3/kg	47169811	1/ML
Soil ingestion rate	IR_s	mg/day	100	EPA default
Dermal adherence factor	AF_d	mg/cm^2	0.1	EPA 2001a
Surface area of exposed skin - soil	SA_s	cm^2	4260	EPA 1997b
Area weighting factor-pond liners	AWFpl	unitless	0.2	SEP area/AOC area
Area weighting factor-soils	AWFs	unitless	0.8	Surface soil area/AOC area

135

Exposure Variable	Acronym	Units	Point Estimate	Information Sources
Gamma exposure factor (annual)	EF/365	unitless	0.63	EF/365
Gamma exposure factor (daily)	ET/24	unitless	0.17	ET/24 per RAGS Part B (EPA 1993)
Gamma shielding factor	(1 - Se)	unitless	1	EPA 1993

Table 3.2 Subsurface Soil Exposure Factors for the Wildlife Refuge Worker

Exposure Variable	Acronym	Units	Point Estimate	Information Sources
Body weight	BW	kg	70	EPA default
Exposure time outdoors	ET	hr/day	4	RSALS Task 3 Report
Area Use Factor	AUF	unitless	1	AOC area/EU area
Exposure frequency	EF	day/yr	20	WRWs in Rocky Mountain Arsenal (RMA) survey, 1990
Exposure duration	ED	yr	18.7	RSALS Task 3 Report
Events per day	EV	ev/d	1	Unit correction
Carcinogenic averaging time	ATc	day	25550	70 yr x 365 days/yr
Noncarcinogenic averaging time	ATn	day	6826	18.7 yr x 365 days/yr
Hourly inhalation rate	IR_h	m^3/hr	1.3	RSALs Task 3
Mass loading	ML	kg/m^3	2.12E-08	50th percentile of RSAL distribution
Site-specific PEF based on ML	PEF	m^3/kg	47169811	1/ML
Soil ingestion rate	IR_s	mg/day	100	EPA default
Dermal adherence factor	AF_d	mg/cm^2	0.1	EPA 2001a
Surface area of exposed skin - soil	SA_s	cm^2	4260	EPA 1997b
Gamma exposure factor (annual)	EF/365	unitless	0.05	EF/365
Gamma exposure factor (daily)	ET/24	unitless	0.17	ET/24 per RAGS Part B (EPA 1993)
Gamma shielding factor	(1 - Se)	unitless	1	EPA, 1993

- By agreement with the regulatory agencies, an area use factor (AUF) of 1 was assumed for the WRW in the SEP risk assessment. The AUF is the ratio of the AOC to the entire anticipated EU that the WRW will actually use. The area for the AOC is 33.3 acres. EUs could be as large as 400 to 500 acres. The risk assessment therefore assumes that the WRW will be present within the 33.3-acre AOC 100 percent of the time. This assumption is conservative because the WRW is expected to use a much larger on-site area. The AUF can significantly affect risk estimates. Alternative risk calculations using more realistic AUF assumptions are presented in Section 5.3. Risk managers can use the uncertainty discussion in the decision-making process.
- A central tendency 50th percentile mass loading (ML) value was used to estimate risk via the inhalation exposure pathway over the 18.7-year exposure period. The RSALs Task 3 calculations used an upper 95th percentile value. The site average annual ML from CDPHE monitoring data is 11.8 micrograms per cubic meter (μg/m^3). The 95th percentile value taken from the RSALs Task 3 is 67 μg/m^3. This estimate was derived from an empirical distribution assuming on-site prairie fires and is a factor of six higher than annual averages based on 6 years of monitoring data. Therefore, the 50th percentile value of 21.2 μg/m^3 from the Task 3

136

distribution was chosen for this risk assessment. Alternative risk estimates are presented in Section 5.3, including all three ML estimates for use by risk managers.

- The ML factor for surface soil was used for subsurface exposures because the WRW is expected to have small excavations such as posthole digging or trail improvement. This is a reasonable estimate of the ML for subsurface soil exposure. The area weighting factor (AWF) was based on the surficial area of the AOC covered by the liners and surface soil. The WRWs' exposure to the liner materials and surface soils will be proportional to the area covered by each medium. Use of the AWF allows the apportionment of risk between the soil and liners. This information will be helpful to the risk managers in making informed decisions regarding possible remediation. If the AWF is not used, it must be assumed that the WRWs will spend 100 percent of their time on the soil and 100 percent on the liners, which is not possible. The area of the AOC is 33.3 acres, and the areas of the surface soil and liners are 27.2 and 6.1 acres, respectively. The AWF for surface soil is therefore 27.2/33.3 = 0.817, and the AWF for the liner is 6.1/33.3 = 0.183. These values were rounded to 0.8 and 0.2, respectively, for the risk assessment (Table 3.1).
- The value for the daily gamma-exposure time factor, often abbreviated as Te_d, was calculated as exposure time (ET)/24, based on EPA Soil Screening guidance (EPA 2000b). In revisions to Chapter 4 of Risk Assessment Guidance for Superfund (RAGS) Part B (EPA 2001a), a weighted soil dermal adherence factor (AF_d) of 0.1 was used. This was based on the upper 95% value for a groundskeeper and the geometric mean for a commercial gardener.

3.4 EXPOSURE POINT CONCENTRATIONS

The exposure point concentration of a COC in a sampled medium is quantified using the 95UCL on the arithmetic mean. The arithmetic mean is a statistically robust estimator, even when normality assumptions are not met (Gilbert 1987). The 95UCL on the mean is a conservative estimate of the average concentration to which people would be exposed over time in the exposure area. If the maximum detected COC value is below the 95UCL, the maximum concentration is usually used as the exposure point concentration. When data distributions were demonstrated to be lognormal, an arithmetic mean and 95UCL were calculated using log-transformed data. When distributions were found to be neither normal nor lognormal, a non-parametric 95UCL was calculated.

Guidance and literature for calculating exposure point concentrations were reviewed. A Bootstrap non-parametric, probabilistic resampling methodology was adopted for this risk assessment to determine when observed data were not normally or lognormally distributed. A normal Bootstrap program was used to derive all mean and variance estimates. The Bootstrap method has been used to calculate concentration terms for estimating risk, as presented in EPA guidance, Calculating Exposure Point Concentrations at Hazardous Waste Sites (EPA 2002a). This non-parametric method was selected because many SEP data sets

137

have unknown distributions. In addition, lognormal distributions for radionuclides have inherent technical difficulties due to zero and negative concentrations and large variances.

The commercially available statistics program S-Plus[tm] was used for all Bootstrap calculations. This technique avoids difficulties associated with empirically determining the shape of the observed distribution because it has no distributional assumptions. Resampling techniques provide estimates of the mean and variance for any distribution regardless of the specific shape. The method is discussed in detail in Appendix D of EPA's Process for Conducting Probabilistic Risk Assessment (1999). It has been shown that Bootstrap methods "...perform substantially better, sometimes orders of magnitude better, in estimating the 95UCL of the mean from positively skewed data sets..." than other methods (EPA 1999). Estimates derived for this risk assessment were developed using 1,000 resampling events. Use of 1,000 iterations was demonstrated to be sufficient in estimating the mean and associated variance. The effect of conducting a greater number of iterations is discussed in Section 5.3.

Distributions for all PCOCs were discussed in Section 2.3.5. Most surface soil PCOCs had non-parametric distributions. However, most non-radiological subsurface soil distributions were lognormal. All PCOCs were compared to background by using the appropriate test based on evaluation of both SEP and background distributions. Following the background comparison and professional judgement screens, final COCs were selected to quantify the risk to the WRW. Some COCs had lognormal distributions and UCLs were calculated based on standard lognormal statistical methods (Gilbert 1987; EPA 2002a). Statistical testing of final COC distributions showed that many are actually neither normal nor lognormal and non-parametric methods were appropriate (EPA 2002a). Maximum observed detected concentrations were used as exposure point concentrations for all liner COCs due to limited sample sizes of n = 15.

Exposure point concentrations for COCs in surface soil, liner materials, and subsurface soil are presented in Table 3.3. The exposure concentrations in surface soil were used to estimate WRW risks associated with soil ingestion, inhalation of particulates, external irradiation, and dermal contact. Subsurface soil concentrations were used to estimate risks as a result of digging activities.

All analytes detected in excess of screening PRGs in liner materials were retained as final COCs due to the limited ability to determine distributions and conduct statistical comparisons

to background with a sample size of 15. However, 15 samples were determined to be adequate to support the risk assessment.

Table 3.3 Exposure Point Concentrations [a]

Analyte (Distribution)	Maximum Conc.[b] (mg/kg or pCi/g)	Mean[c] Conc. (mg/kg or pCi/g)	95UCL[d] (mg/kg)	95UCL (pCi/g)
Pond Liner Material				
Chromium (Max)	**37.5**	15.4		
Americium-241 (Max)	**8.2**	1.7		
Uranium-235 (Max)	**0.27 (0.13)**	0.13		
Uranium-238 (Max)	**2.7 (8.0)**	1.4		
Surface Soil				
Cadmium (NP)	382	20.1	**38.1**	
Chromium (NP)	120	20.3	**24.8**	
Americum-241 (Log)	130	9.11		**34.2**
Plutonium-239/240 (Log)	56	4.19		**16.5**
Uranium-234 (NP)	63.4	4.16	0.001	**6.5**
Uranium-235 (NP)	2.3	0.19	0.13	**0.29**
Uranium-238 (NP)	27	2.73	11.3	**3.77**
Subsurface Soil				
Cadmium (Log)	547	1.1	**9.6**	
Americum-241 (NP)	6.1	0.487		**0.69**
Plutonium-239/240 (NP)	19.78	0.639		**1.20**
Uranium-234 (NP)	21	2.92	0.0006	**3.65**
Uranium-235 (NP)	0.87	0.125	0.071	**0.153**
Uranium-238 (Log)	11.46	1.4	0.99	**2.14**

a.The 95UCL was used as the exposure point concentration for all COCs, except for the pond liner COCs, for which the maximum observed detection was used.

b. Values in parentheses are maximum concentration values for mineral uranium.

c. Estimates of the mean are from normal statistics for liner COCs, Bootstrap values for COCs with non-parametric distributions, and geometric means for COCs with lognormal distributions.

d. The 95UCL concentrations for mineral uranium were calculated from the 95UCL for the isotopes. Boldface values were used in the risk assessment.
NP = non-parametric distribution
Log = Lognormal distribution

Most COCs in surface soil had non-parametric distributions and therefore these UCLs were calculated using the non-parametric Bootstrap method. However, americium-241 and plutonium-239/240 both had lognormal distributions and lognormal 95UCLs were calculated using log-transformed data for these two radionuclides. Upper 95% confidence limits of 16.5

139

and 34.2 pCi/g were obtained for plutonium-239/240 and americium-241, respectively. Both lognormal 95UCLs were below maximum detected concentrations.

Final COCs in subsurface soil included cadmium, americum-241, plutonium-239/240, uranium-234, uranium-235, and uranium-238. Cadmium and uranium-238 both exhibited lognormal distributions and log-transformed data were used to derive 95UCLs of 9.6 mg/kg and 2.1 pCi/g, respectively. Both lognormal 95UCLs were well below maximum detected concentrations and were used to calculate risk estimates. All other COCs in subsurface soil were radionuclides with non-parametric distributions. The Bootstrap method was used to derive UCL estimates for COCs with non-parametric distributions.

3.5 INTAKE CALCULATIONS

Intake is a measure of exposure expressed as the mass of a substance in contact with the exchange boundary per unit body weight per unit time (EPA 1989). Chemical intake is expressed in terms of milligrams (mg) of chemical ingested, inhaled, or dermally absorbed per kilogram of body weight per day (mg/kg-day). Intake of radionuclides is expressed in units of picocuries (pCi) total intake to the receptor. Intakes are estimated following EPA RAGS (1989) and are based on reasonable estimates of body weight, inhalation volume, ingestion rates, soil matrix effects, frequency and duration of exposure, and estimated contaminant concentrations. Exposure factors are presented in Tables 3.1 and 3.2 for workers exposed to surface and subsurface soil, respectively.

The general equation for calculating chemical intake, in terms of mg/kg-day, is:

$$\text{Intake} = \frac{(\text{Chemical Concentration})(\text{Contact Rate})(\text{Exposure Frequency})(\text{Exposure Duration})}{(\text{Body Weight})(\text{Averaging Time})} \quad \text{(Equation 3.1)}$$

With units of:

mg/kg-day = (mg/volume or mass)(volume or mass/day)(day/year)(year)(kg)(day)

Intake of radionuclides was calculated using equations similar to those for calculating intake of chemicals. Intake of radionuclides by either ingestion or inhalation is a function of radionuclide concentration, intake rate or the amount of potentially contaminated medium contacted per unit time or event, and exposure frequency and duration. However, for radionuclides, averaging time and body weight are excluded from intake equations.

140

Table 3.4 presents intake equations for each pathway evaluated in the risk assessment. The equations are based on standard EPA guidance. Tables 3.5 and 3.6 present the chemical intakes for all COCs, media, and exposure pathways.

Table 3.4 Intake Equations for the WRW

Wildlife Refuge Worker Scenario[a]			
Risk Equations - Radionuclides			
Inhalation Risk = CSs x IR_h x ET x ETo x EF x ED x AWF x AUF x (1/PEF) x 1000 g/kg x SFi			
Ingestion Risk = CSs x IR_s x EF x ED x AWF x AUF x 0.001 g/mg x SFo			
External Radiation Risk = CSs x ED x EF/365 x ET/24 x AWF x AUF x SFe x (1-Se)			
Risk Equations - Inorganics and Organics			
Inhalation Risk = [(CSs x IR_h x ET x ETo x EF x ED x AWF x AUF x (1/PEF))/(BW x ATc)] x SFinh			
Ingestion Risk = [(CSs x IR_s x EF x ED x AWF x AUF x 0.000001 mg/kg)/(BW*ATc)] x SFo			
Dermal Risk = [(CSs x EF x ED x AWF x AUF x EV x SA_s x AF_d x DAF x 0.000001 mg/kg)/(BW x ATc)] x SFo			
Noncarcinogenic Hazard Quotient Equations - Inorganics and Organics			
Inhalation HQ = (CSs x IR_h x ET x EF x ED x ETo x AWF x AUF x (1/PEF))/(BW x ATn x RfDi)			
Ingestion HQ =(CSs x IR_s x ED x EF x AWF x AUF x 0.000001 mg/kg)/(BW x ATn x RfDo)			
Dermal HQ = (CSs x EF x ED x AWF x AUF x EV x SA_s x AF_d x DAF x 0.000001 mg/kg)/(BW x ATn x RfDo)			
Abbreviation	Parameter	Units	Comment
CSs	Concentration in soil	mg/kg	
IR_h	Hourly inhalation rate	m3/hr	
IR_s	Soil ingestion rate	mg/day	
ET	Exposure time	hr/day	
EF	Exposure frequency	day/yr	
ED	Exposure duration	yr	
ETo	Exposure time fraction, outdoors	unitless	Set to 1
EV	Events per day	ev/d	
AWF	Area weighting factor	unitless	
AUF	Area use factor	unitless	Set to 1
EF/365	Gamma exposure factor (annual)	unitless	
ET/24	Gamma exposure factor (daily)	unitless	
PEF	Site-specific PEF based on ML	m^3/kg	
SA_s	Surface area of exposed skin - soil	cm^2	
AF_d	Dermal adherance factor	mg/cm^2-ev	
DAF	Dermal absorption fraction	unitless	
SFinh	Inhalation slope factor	b	
SFo	Oral slope factor	b	
SFe	External radiation slope factor	b	
BW	Body weight	kg	
ATc	Carcinogenic averaging time	day	
ATn	Noncarcinogenic Averaging Time	day	
RfDi	Inhalation reference dose	(mg/kg-day)	
RfDo	Inhalation reference dose	(mg/kg-day)	
ACF	Area correction factor	unitless	
(1 - Se)	Gamma shielding factor	unitless	Set to 1

a. Based on the WRW scenario developed by the RSALs Working Group.

141

b. Slope factors for inorganic and organic COCs are in units of $(mg/kg\text{-}day)^{-1}$.
Slope factors for radionuclide inhalation and ingestion exposures are in units of risk/pCi.
Slope factors for external exposures are in units of risk/yr per pCi/g.

Table 3.5 Intakes for the WRW From Surface Soil and Liner Material

COC	Exposure Pathways				Total Intake
	Inhalation	Ingestion	Dermal	External	
Carcinogenic Intakes From Surface Soil (mg/kg-day)					
Cadmium	8.07E-09	a	a	NA	8.1E-09
Chromium	5.27E-09	a	a	NA	5.3E-09
Non-Carcinogenic Intakes from Surface Soil (mg/kg-day)					
Cadmium	3.02E-08	2.74E-05	1.17E-04	NA	1.44E-04
Chromium	1.97E-08	1.79E-05	7.62E-05	NA	9.41E-05
Uranium-234	a	7.54E-10	3.21E-09	NA	3.97E-09
Uranium-235	a	9.62E-08	4.10E-07	NA	5.06E-07
Uranium-238	a	8.11E-06	3.46E-05	NA	4.27E-05
Radiation Intakes From Surface Soil (pCi or y-pCi/g)					
Americium-241	1.30E+01	1.18E+04	NA	5.37E+01	NA
Plutonium-239/240	6.26E+00	5.68E+03	NA	2.59E+01	NA
Uranium-234	2.48E+00	2.25E+03	NA	1.03E+01	NA
Uranium-235	1.10E-01	9.94E+01	NA	4.54E-01	NA
Uranium-238	1.43E+00	1.30E+03	NA	5.93E+00	NA
Carcinogenic Intakes From Pond Liner (mg/kg-day)					
Chromium	7.95E-09	a	a	NA	8.0E-09
Non-Carcinogenic Intakes From Pond Liner (mg/kg-day)					
Chromium	2.98E-08	2.70E-05	1.15E-04	NA	1.42E-04
Uranium-235	a	2.25E-08	2.23E-11	NA	2.25E-08
Uranium-238	a	1.44E-06	1.43E-09	NA	1.44E-06
Radiation Intakes From Pond Liner (pCi or y-pCi/g)					
Americium-241	7.76E-01	7.04E+02	NA	3.22E+00	NA
Uranium-235	2.56E-02	2.32E+01	NA	1.06E-01	NA
Uranium-238	2.54E-01	2.31E+02	NA	1.05E+00	NA

a. No toxicity factor available for this exposure pathway.

NA. not applicable

142

Table 3.6 Intakes for the WRW From Subsurface Soil and Liner Material

COC	Exposure Pathways				Total Intake
	Inhalation	Ingestion	Dermal	External	
Carcinogenic Intakes From Subsurface Soil (mg/kg-day)					
Cadmium	2.22E-10	a	a	NA	2.2E-10
Non-Carcinogenic Intakes From Subsurface Soil (mg/kg-day)					
Cadmium	8.31E-10	7.54E-07	3.21E-06	NA	3.97E-06
Uranium-234	a	4.57E-11	1.95E-10	NA	2.41E-10
Uranium-235	a	5.55E-09	2.36E-08	NA	2.92E-08
Uranium-238	a	7.74E-08	3.30E-07	NA	4.07E-07
Radiation Intakes From Subsurface Soil (pCi or y-pCi/g)					
Americium-241	2.85E-02	2.59E+01	NA	1.18E-01	2.6E+01
Plutonium-239/240	4.96E-02	4.50E+01	NA	2.06E-01	4.5E+01
Uranium-234	1.50E-01	1.36E+02	NA	6.23E-01	1.4E+02
Uranium-235	6.32E-03	5.73E+00	NA	2.62E-02	5.7E+00
Uranium-238	8.80E-02	7.98E+01	NA	3.65E-01	8.0E+01

a. No toxicity factor available for this exposure pathway.

NA Not applicable

4.0 TOXICITY ASSESSMENT

This section describes toxicity factors that were combined with estimated intakes of COCs to estimate the potential risk associated with exposure. Toxicity factors used in the risk assessment are EPA-verified or provisional carcinogenic slope factors (SFs), and non-carcinogenic reference doses (RfDs) or air reference concentrations (RfCs). Toxicity factors for SEP final COCs are presented in Table 4.1. Toxicity factors for radionuclides were taken from Federal Guidance Report 13.

The principal indices of toxicity for chemicals with non-carcinogenic effects are the oral RfD and inhalation RfD. RfDs can be considered threshold doses or exposure levels. At chemical doses or exposures below threshold values, adverse effects are not expected to

143

occur. RfDs incorporate a number of safety factors to ensure that they are health-protective for all human populations, including sensitive subgroups, such as children and the elderly.

Oral and inhalation SFs are used to characterize the potency of carcinogens. A SF is a dose-response factor used to relate carcinogenic response to chemical dose. SFs are used to estimate the upper-bound probability of an individual developing cancer as a result of exposure to a potential carcinogen. EPA policy assumes that carcinogenic responses have no threshold, and that any exposure to a carcinogen may result in some finite cancer risk at any dose, no matter how small (EPA 1989).

SFs for radionuclides are derived based on radionuclide emissions and their relative biological damage to exposed tissues, residence time of radionuclides in various body tissues, and duration of exposure. Radionuclide dose is calculated as a yearly intake followed by a 50-year dose commitment period. SFs for radionuclides are presented for external exposure, inhalation, and ingestion of radioactive materials. Dermal exposure to radionuclides was considered to be insignificant.

EPA assumes that any dose of a radionuclide has the potential to produce carcinogenic effects in a linear, no threshold model. However, EPA does not recommend the evaluation of non-carcinogenic effects for radionuclides because these impacts have been shown to be insignificant compared to carcinogenic effects at most Superfund sites (EPA 1989). The only exception is uranium for which an assessment of the chemical toxicity is conducted. Chemical toxicity of uranium was therefore evaluated for this risk assessment. EPA has developed both internal (inhalation and ingestion) and external SFs for the carcinogenic response to radionuclide exposure (EPA 2001b).

The RfDs and SFs used in the risk assessment were obtained from the following sources:

- EPA's IRIS online database (EPA 2002b);
- EPA's HEAST and supplements (EPA 1997c); and
- EPA's National Center for Environmental Assessment (NCEA) for interim and provisional values.

4.1 DERMAL EXPOSURE TO CHEMICALS

EPA recommends using oral toxicity factors, adjusted if possible by a gastrointestinal absorption fraction, to evaluate toxic effects from dermal contact with potentially contaminated media (EPA 1989; 1992b; 2001a). The oral toxicity factor relates the toxic response to an administered intake dose of contaminant, which may be only partially

144

absorbed by the body. Intake from dermal contact is estimated as an absorbed dose. Therefore, EPA (2001a) suggests adjusting some oral toxicity factors by contaminant-specific gastrointestinal absorption rates, if available, to yield toxicity factors for contaminants absorbed via the dermal pathway. When specific gastrointestinal absorption rates are not available, gastrointestinal absorption is assumed to be 100 percent and the unadjusted oral toxicity factor is used to assess the response to dermal absorption. Adjustments were made to the oral toxicity factors for cadmium and chromium RfDs for this risk assessment by using a gut absorption of 2.5 percent multiplied by the oral RfD to estimate the dermal adjusted RfD, as shown in Table 4.1.

5.0 RISK CHARACTERIZATION AND UNCERTAINTY ANALYSIS

Risk characterization was performed as the final step of the risk assessment process. In this step, toxicity factors, non-carcinogenic RfDs, and carcinogenic SFs for COCs were applied, in conjunction with estimated chemical intakes, to predict potential non-carcinogenic and carcinogenic health risks to exposed receptors. Spreadsheets with calculations are presented in Appendix C.

5.1 RISK METHODOLOGY

The methodologies presented in this section were used to quantify both carcinogenic and non-carcinogenic risk.

5.1.1 Non-Carcinogenic Risk

The potential for non-carcinogenic effects can be characterized by comparing estimated contaminant intakes from Section 3.5 with contaminant-specific RfDs from Table 4.1. The resulting ratio is the HQ, which is derived in the following manner:

$$\text{Non-carcinogenic HQ} = \frac{\text{Chemical Intake (mg/kg-day)}}{\text{RfD (mg/kg-day)}} \qquad \text{(Equation 5.1)}$$

145

Table 4.1 Toxicity Factors

Analyte	CAS Number	DAF[a]	Oral RfD (mg/kg-day)		Dermal Adjusted RfD[b]	Inhalation RfD (mg/kg-day)		Oral Slope Factor (mg/kg-day)$^{-1}$						Inhalation Slope Factor (mg/kg-day)$^{-1}$		External Slope Factor (risk/yr/pCi/g)	
Cadmium	7440-43-9	0.001	1.00E-03	I	2.50E-05	5.70E-05	E	--						6.30E+00	I		
Chromium[b]	7440-47-3	0.001	3.00E-03	I	7.50E-05	3.00E-05	I	--						4.10E+01	H		
			Oral RfD (mg/kg-day)					Oral/Ingestion Slope Factors (risk/pCi)						(risk/pCi)			
								Water Ingestion		Food Ingestion		Soil Ingestion					
Americium-241	14596-10-2							1.04E-10	E	1.34 E-10	E	9.1E-11	R	2.78E-08	E	2.76E-08	E
Plutonium-239	15117-48-3							1.35E-10	E	1.74E-10	E	1.21E-10	R	3.33E-08	E	2.00E-10	E
Uranium-234	13966-29-5	0.001	3.00E-03	I				7.07E-11	E	9.55E-11	E	5.11E-11	R	1.14E-08	E	2.52E-10	E
Uranium-235	15117-96-1	0.001	3.00E-03	I				6.96E-11	E	9.44E-11	E	4.92E-11	R	1.01E-08	E	5.18E-07	E
Uranium-238	7440-61-1	0.001	3.00E-03	I				6.4E-11	E	8.66E-11	E	4.66E-11	R	9.35E-09	E	4.99E-11	E

Notes:

a. Values for dermal adsorption factor (DAF) are from EPA (2001). Values for chromium and cadmium are default values based on the value for chromium VI.

b. Dermal adjusted RfDs were calculated based on a 2.5 percent gut absorption.

I = IRIS

E = NCEA provisional value

H = HEAST

R = RSALS PRG tables

References:

EPA 1997c; 2001a; 2001b; and2002b

The RfD concept assumes that there is a level of intake (the RfD), below which it is unlikely that even sensitive individuals will experience adverse health effects over a lifetime of exposure. If the average daily intake exceeds the RfD, the HQ is greater than 1.0, and the potential for non-carcinogenic effects increases (EPA 1989). An HQ in excess of 1.0 would trigger a more detailed evaluation of risk to receptors in this risk assessment. It should be noted, however, that the level of concern does not increase linearly as the RfD is approached or exceeded. This is because all RfDs are not assessed equally or based on the same severity of toxic effects. The numeric value of the HQ is not a direct estimate of risk (EPA 1989) because it does not define a dose-response relationship. Rather, it is an indicator that adverse health effects are more likely to occur as the HQ increases.

HQs were summed to yield an HI for each pathway and receptor to assess exposure to multiple contaminants. The assumption of additive effects reflected in the HI is most properly applied to substances that induce the same effect by the same mechanism (EPA 1989). Consequently, summing HQs for substances that were not expected to induce the same type of effect will likely overestimate potential adverse health effects. The HI, therefore, provides a conservative measure of potential adverse health effects and is dependent on the quality of experimentally derived evidence.

HIs from all relevant pathways were summed to obtain total HIs for a given receptor. If the total HI was less than or equal to 1.0, multiple-pathway exposures for all COCs were judged unlikely to result in any adverse health effects. If the sum was greater than 1.0 further evaluation of exposure assumptions and toxicity is warranted to ascertain whether cumulative exposure would be likely to harm exposed receptors.

5.1.2 Carcinogenic Risk

Potential carcinogenic effects can be characterized in terms of incremental probability of an individual developing cancer over a 70-year lifetime as a result of exposure to a potential carcinogen. The excess lifetime cancer risk is an estimate of the increased risk of developing cancer above the background rate for the general population. Excess lifetime cancer risk is estimated from the projected lifetime average daily intake and the cancer SF, which represents an estimate of the dose-response relationship. Excess lifetime cancer risk is calculated by multiplying the average daily chemical intake by the cancer SF as follows:

$$\text{Cancer Risk} = (\text{Average Daily Intake})(\text{SF}) \qquad \text{(Equation 5.2)}$$

With units of (mg/kg-day)(mg/kg-day)$^{-1}$ or (pCi)(risk/pCi)

Carcinogenic risks estimated using SFs are upper-bound estimates. This means that the actual risk is likely to be less than the estimated risk (EPA 1989). RME cancer risks may be overestimated because they are calculated by multiplying 95th percentile estimates of cancer potency, 95UCLs of concentrations, and high-end estimates of several exposure parameters.

Risks resulting from exposure to multiple carcinogens are assumed to be additive (EPA 1989). The total cancer risk is estimated by summing risks estimated for each COC for each pathway. This is a conservative approach that results in an elevated estimate of cancer risk because 95th percentile estimates are not strictly additive (EPA 1989). This is especially true when more than several carcinogens are present.

In accordance with EPA guidance (EPA 1989), radionuclide risks were calculated separately for each exposure pathway. Carcinogenic risks for each pathway due to radionuclides are presented in Appendix C. Chemical and radiological carcinogenic risks were summed by media to determine the overall potential human health hazard at the site, as shown in Tables 5.1 and 5.2.

EPA policy must be considered in order to interpret the significance of cancer risk estimates. The National Oil and Hazardous Substances Pollution Contingency Plan (EPA 1990) states that: "For known or suspected carcinogens, acceptable exposure levels are generally concentration levels that represent an excess upper bound lifetime cancer risk of between 10^{-4} and 10^{-6}." When cumulative carcinogenic risk to an individual, based on RME exposure, does not exceed 10^{-4} and the total HI does not exceed 1.0, action is generally not warranted for protection of public health (EPA 1991). However, the specific target risk for the WRW is 1E-05 (DOE 2002b).

5.2 RISK RESULTS

The WRW receptor was evaluated for potential exposures in the SEP AOC. One scenario was assessed for the WRW receptor with the liner materials on the surface. Health risks and hazards were found to be low for the SEP AOC. The results are presented and discussed below.

148

5.2.1 Non-carcinogenic Hazard Index

The cumulative HI for non-carcinogenic health effects is 0.05 (Table 5.1). The surface soil dominated the results. No adverse non-carcinogenic health effects are expected, even for sensitive individuals, because HIs were much less than 1.0 for all media and pathways. The HQs for each COC and pathway are shown in Table 5.2. Cadmium in surface soil and chromium in the liner material were the major contributors.

Table 5.1 Summary of HIs for the WRW by Media and Exposure Pathway

Medium	Inhalation	Ingestion	Dermal	Total HI
Liner Material	0.001	0.01	0.002	0.01
Surface Soil	0.001	0.03	0.006	0.04
Subsurface Soil	0.00001	0.001	0.0001	0.001
Total HI	**0.002**	**0.04**	**0.008**	**0.05**

Table 5.2 HQs and HIs by COC, Media, and Exposure Pathway

COC	Exposure Pathway			HI
	Inhalation	Ingestion	Dermal	
Pond Liners				
Chromium	0.001	0.009	0.002	0.01
Uranium-235	a	0.00003	0.00000000003	0.00003
Uranium-238	a	0.002	0.000000002	0.002
Total HI	**0.001**	**0.01**	**0.002**	**0.01**
Surface Soil				
Cadmium	0.0005	0.03	0.005	0.03
Chromium	0.0007	0.006	0.001	0.007
Uranium-234	a	0.0000003	0.000000001	0.0000003
Uranium-235	a	0.00003	0.0000001	0.00003
Uranium-238	a	0.003	0.00001	0.003
Total HI	**0.001**	**0.04**	**0.006**	**0.04**
Subsurface Soil				
Cadmium	0.00001	0.001	0.0001	0.001
Uranium-234	a	0.00000002	0.0000000001	0.00000002
Uranium-235	a	0.000002	0.00000000002	0.000002
Uranium-238	a	0.00003	0.0000000003	0.00003
Total HI	**0.00001**	**0.001**	**0.0001**	**0.001**

a. No toxicity factor available.

149

5.2.2 Carcinogenic Risk

Excess lifetime cancer risk estimates for the WRW receptor are summarized in Table 5.3 by medium. The total non-radiological carcinogenic risk was 6E-07 and the total radiological carcinogenic risk was 5E-06. The majority of both the non-radiological and radiological risks were from exposures to surface soil.

Table 5.4 presents carcinogenic risks by media, pathway, and COC. The total risk for chromium in the liner materials was 3E-07, well below the 1E-06 level of concern. The highest radiological risk of 3E-06 was due to americium-241 in surface soil. The risk levels were driven by the inhalation pathway for chromium VI and the ingestion and external radiation pathway for americium-241 in surface soil.

The estimated excess lifetime risks for a WRW due to potential nonradiological exposures in the SEP AOC were well below the 1E-06 level of concern. Approximately 81 percent of the non-radiological risk was due to chromium in surface soil. The remaining 19 percent was due to cadmium in surface soil. Chromium was conservatively assessed as chromium VI; actual risks are likely lower due to the presence of chromium III.

Table 5.3 Summary of WRW Carcinogenic Risks by Media and Exposure Pathway

Medium	Exposure Pathway			Total Risk
	Inhalation	Ingestion	Dermal	
Non-Radiological Risks				
Liner	3.3E-07	a	a	3.3E-07
Surface Soil	2.7E-07	a	a	2.7E-07
Subsurface Soil	1.4E-09	a	a	1.4E-09
Total Risk				**6E-07**
	Radiological Risks			
	Inhalation	**Ingestion**	**External**	
Liner on Surface	2.4E-08	7.6E-08	1.4E-07	2.4E-07
Surface Soil	6.1E-07	1.9E-06	1.7E-06	4.3E-06
Subsurface Soil	5.0E-09	1.6E-08	1.8E-08	3.9E-08
Total Risk				**5E-06**

a. No toxicity factor available

150

The total radiological risk to the WRW was 5E-06. Surface soil accounted for 94 percent of the radiological carcinogenic risk. Americium-241, plutonium-239/240, and uranium-235 were the major contributors to risk (see Table 5.4 and Appendix C). Americium-241 dominated all pathways; plutonium-239/240 was a significant contributor to the inhalation and ingestion pathways; and uranium-235 was significant for the external radiation pathway.

Table 5.4 Summary of WRW Carcinogenic Risks by COC, Media, and Exposure Pathway

	Exposure Pathways				
COC	Inhalation	Ingestion	Dermal	External	Total Risk by COC
Pond Liner					
Chromium	3.26E-07	a	a	NA	3.3E-07
Americium-241	2.16E-08	6.41E-08	NA	8.88E-08	1.7E-07
Uranium-235	2.59E-10	1.14E-09	NA	5.49E-08	5.6E-08
Uranium-238	2.38E-09	1.07E-08	NA	5.25E-11	1.3E-08
Surface Soil					
Cadmium	5.09E-08	a	a	NA	5.1E-08
Chromium	2.16E-07	a	a	NA	2.2E-07
Americium-241	3.60E-07	1.07E-06	NA	1.48E-06	2.9E-06
Plutonium-239/240	2.08E-07	6.87E-07	NA	5.18E-09	9.0E-07
Uranium-234	2.83E-08	1.15E-07	NA	2.59E-09	1.5E-07
Uranium-235	1.11E-09	4.89E-09	NA	2.35E-07	2.4E-07
Uranium-238	1.34E-08	6.05E-08	NA	2.96E-10	7.4E-08
Subsurface Soil					
Cadmium	1.40E-09	a	a	NA	1.4E-09
Americium-241	7.94E-10	2.36E-09	NA	3.26E-09	6.4E-09
Plutonium-239/240	1.65E-09	5.45E-09	NA	4.11E-11	7.1E-09
Uranium-234	1.71E-09	6.97E-09	NA	1.57E-10	8.8E-09
Uranium-235	6.38E-11	2.82E-10	NA	1.35E-08	1.4E-08
Uranium-238	8.23E-10	3.72E-09	NA	1.82E-11	4.6E-09

a. No toxicity factor available
NA not applicable

5.3 UNCERTAINTIES AND LIMITATIONS

This section discusses major uncertainties and limitations of the risk assessment and how the results and conclusions might be affected. Uncertainties and limitations are inherent

151

in the risk assessment process. The level of certainty associated with the conclusions of the risk assessment are conditional upon data quality, methods used to identify COCs, estimates of chemical concentrations, assumptions made in estimating exposure conditions, conservatism of methods used to develop exposure factors, and toxicity values used to characterize risk.

Conservative assumptions were made at most stages of this risk assessment to prevent underestimating potential health risk. Carcinogenic risks were estimated using upper-bound SFs and conservative exposure assumptions. Estimates of non-carcinogenic toxicity values (RfDs) are also conservative and may result in an overestimate of non-carcinogenic health hazards. RME estimates of potential health risks associated with potential exposures at the SEP should be considered upper bounds. This means that actual risks are likely less than estimated risk (EPA 1989). Although point estimates of risk are made, it should be recognized that each estimate represents a range of possible risks and is only an indicator of the actual risk.

Uncertainties in the risk assessment for the SEP lie chiefly in sampling limitations, the identification of COCs, estimation of exposure point concentrations, exposure assumptions and factors, and the assessment of chemical toxicity. The uncertainty factors are discussed below.

5.3.1 Sampling and Identification of COCs

Samples of surface soil, subsurface soil, and pond liner materials were collected in accordance with approved work plans, and most of the chemical analytical results were validated in accordance with EPA and RFETS data validation guidelines. Work plans were presented in the Final Phase I RFI/RI Work Plan for OU 4 (DOE 1992), and the chemical analytical database and data review are described in Appendix A. It can be seen from Figures 2.1 through 2.5 that sampling was performed in a nonsystematic, random fashion and sampling density varied spatially. The overall quality of the data was determined to be sufficient for risk assessment purposes (Section 2.0 and Attachment 1).

Identification of COCs is dependent on the quality of the sampling, analysis, database management, and the PRG and background screens. Data were retrieved from SWD and were considered representative of the AOC. Elimination of PCOCs and selection of COCs are documented in Section 2.0.

152

The WRW PRGs for surface soils that were used for the PRG Screen as the first step of the COC selection process are conservative and result in the inclusion of COCs that contribute little risk. The PRGs assume the WRW is in an on-Site office for 4 hours a day and exposed to both indoor air and external gamma during this time. The PRGs also assume continuous gamma exposure. These exposures are not included in the WRW exposure scenario, as explained in Section 3. Therefore, some COCs are selected that do not contribute significantly to risk.

Only analytes included in ALF were evaluated for inclusion as COCs. The analyte list in ALF is the official PCOC list for the site, as agreed to per Rocky Flats Cleanup Agreement (RFCA) (DOE et al. 1996). Risks may have been underestimated due to the exclusion of analytes not on the ALF list. However, excluded analytes were primarily essential nutrients and radionuclides or organics with no site use history. These analytes are presented in Appendix A.

5.3.2 Exposure Point Concentrations

The 95UCL of the mean concentration was used as a conservative estimate of exposure concentrations. The 95UCL was used rather than the arithmetic mean concentration to provide an additional level of conservatism and limit uncertainties involved in estimating the true mean from a relatively small data set. Small sample size, variability in sample results, inclusion of extreme values, and negative or zero values increase uncertainty in estimating the mean. However, these uncertainties usually result in a high, rather than low, bias to the estimate.

Section 2.0 and Attachment 1 present a detailed evaluation of data adequacy used to support and quantify risk calculations submitted for the SEP. The evaluation included power calculations, and determination of mean, variance, and 95UCL estimates using Bootstrap resampling and geostatistical methods. A spatial analysis and evaluation of the Bootstrap technique were also provided. A comparison of upper 95UCLs from all statistical methods was included, and their impact on the reported risk results was evaluated. The data adequacy evaluation focused on the radionuclides present in surface soil. The results are summarized below and discussed in relation to the methods used in the risk assessment.

Distributional testing was conducted and reported in Section 2.3.5 of this risk assessment. A normal, lognormal, or non-parametric distribution was assigned to each analyte in surface soil and subsurface soil. Distributions for liner data were not evaluated due to

153

small sample size. However, maximum detections were used to quantify risks and a background screen was not conducted for all liner COCs. These assumptions likely over estimate the risk because chromium and uranium-238 would most likely be eliminated during the background COC screen. The small sample size for liner COCs increases the uncertainty associated with final risk results, but observed risks from the liner are well below concern.

In addition, several statistical methods were used to calculate 95UCLs to evaluate the uncertainty associated with this calculation and distributional assumptions. Results of this analysis are presented in Attachment I, Data Adequacy Evaluation.

Statistical analyses indicated that sampling at the SEP is adequate, especially in view of the low estimated risk. It is unlikely that the use of either Bootstrap method underestimated true risk. The 95UCLs derived from lognormal distributions appeared to estimate 95UCLs within the observed range of detected concentrations.

5.3.3 Mass Loading Factors

There is uncertainty associated with the ML factor used to estimate contaminant concentrations in air. A 50th percentile estimate of 21.2 $\mu g/m^3$ developed by the RSALS Working Group, was used in the risk assessment. This figure is approximately twice the documented site average from monitoring data of 11.8 $\mu g/m.^3$ The 95th percentile value is appropriate for ALs used for screening, but is conservative for a forward-looking, long-term risk assessment. The effect of using multiple high-end factors in a risk assessment quickly leads to unrealistically high estimates of risk. EPA guidance (1989) recommends using a balance of high-end and central tendency estimates to avoid this problem. The effect of the three ML factors on inhalation risk is shown in Table 5.5.

Table 5.5 Effect of Using Different Mass Loading Factors on Inhalation Risk

Medium	ML = 11.8 $\mu g/m^3$ Inhalation	ML = 21.2 $\mu g/m^3$ Inhalation	ML = 67 $\mu g/m^3$ Inhalation
Non-radiological Risk			
Surface Soil	1.5E-07	2.7E-07	8.4E-07
Liner Material	1.8E-07	3.3E-07	1.0E-06
Subsurface Soil	7.8E-10	1.4E-09	4.4E-09
Total Risk	**3E-07**	**6E-07**	**2E-06**
Radiological Risk			

154

Surface Soil	3.4E-07	6.1E-07	1.9E-06
Liner Material	1.3-08	2.4E-08	7.7-08
Subsurface Soil	2.8E-09	5.0E-09	1.6E-08
Total Risk	**4E-07**	**6E-07**	**2E-06**

The effect on total inhalation risk of adjusting the ML factor from the Site monitoring average to the RSALS 50th percentile and then to the RSALs 90th percentile is almost one order of magnitude. Uncertainties associated with exposure point concentrations and the ML factor are therefore likely to result in an overestimate of risks.

5.3.4 Area Use and Gamma Shielding Factors

The AUF is calculated as the ratio of the AOC to the minimum anticipated size of the EU for the WRW. The AUF can be used to normalize exposure based on area. The area of the AOC is 33.3 acres. It was agreed with the regulatory agencies to use an AUF of 1 for the risk assessment. This means that the hypothetical WRW will spend 4 hours a day, 5 days a week for 18.7 years in the AOC. This is a conservative assumption that a WRW will actually spend 20 hours a week for 18.7 years on such a small portion of the total area of the Site. Therefore, risks have been calculated for the conservative assumption of a 0.25 AUF to aid in the risk managers' decision-making process as shown in Table 5.6.

Table 5.6 Effects of the Area Use Factor (AUF) and Gamma-Shielding Factor (1-Se) on Total Risk

Medium	AUF = 1 (1 - Se) = 1	AUF = 1 (1 - Se) = 0.7	AUF = 0.25 (1 - Se) = 1	AUF = 0.25 (1 - Se) = 0.7
Non-Radiological Risk				
Surface Soil	2.7E-07	2.7E-07	6.7E-08	6.7E-08
Liner	3.3E-07	3.3E-07	8.2E-08	8.2E-08
Subsurface Soil	1.4E-09	1.4E-09	3.5E-10	3.5E-10
Total Risk	**6E-07**	**6E-07**	**1E-07**	**1E-07**
Radiological Risk				
Surface Soil	4.3E-06	3.8E-06	1.1E-06	9.4E-07
Liner	2.4E-07	2.0E-07	6.1E-08	5.0E-08
Subsurface Soil	3.9E-08	3.4E-08	9.7E-09	8.4E-09
Total Risk	**5E-06**	**4E-06**	**1E-06**	**1E-06**

It was also agreed with the regulatory agencies that a gamma shielding factor would not be used to account for the effects of surface geometry and contaminant depth. The

155

assumption of no shielding, especially for low-energy gamma radiation present at RFETS is conservative and overestimates the risk. The effect of incorporating a gamma shielding factor of 0.7, as calculated in Federal Guidance Report No. 12 (EPA 1993) for radionuclides of similar energies as those present at RFETS, is shown in Table 5.6.

Table 5.6 demonstrates that the effect of the AUF was greater than that of the gamma shielding factor. The AUF has a greater influence because it affects all pathways, whereas the gamma shielding factor only affects the external radiation pathway. Using the 0.25 AUF instead of the very conservative AUF of 1, reduced the estimated radiological risk from 5E-06 to 1E-06 and the non-radiological risk from 6E-06 to 1E-07.

5.3.5 Bootstrap Iterations

The SEP risk assessment used 1,000 iterations of the Bootstrap program to derive estimates of the mean and variance associated with those COCs with non-parametric distributions. Table 5.7 presents the estimates of the mean and variance using a higher number of iterations to evaluate the adequacy of using 1,000 iterations.

Table 5.7 Estimated Averages, Variances, and Percent Errors as a Function of the Number of Bootstrap Iterations

Trials	Mean	Samples	$(n)^{1/2}$	S.D.	SEM	SEM %
1,000	8.69	70,000	264.6	2.87	0.01085	1.08
2,000	8.64	140,000	374.2	2.85	0.00762	0.76
10,000	8.70	690,000	830.7	2.87	0.00346	0.35

S.D. = Standard deviation
SEM = Standard error of the mean

5.3.6 Toxicity Assessment

Toxicity values (RfDs and cancer SFs) derived by EPA are conservative, upper-bound estimates of potential toxicity or carcinogenicity of chemicals and central tendency estimates for radionuclides. They were designed to be conservative and their use in risk assessment tends to result in conservative estimates of potential risk. Only analytes in the ALF were assessed for this risk assessment. The ALF represents the master list of potential chemicals of concern designated by CDPHE, EPA, and DOE in the 1996 RFCA (DOE et al. 1996). However, analytes not on the list may contribute to risk. These contributions were not assessed quantitatively (Section 2.3.7). In addition, some PCOCs do not have EPA-established toxicity factors. Therefore, they cannot be evaluated in a quantitative risk assessment. Analytes that were not assessed in the risk assessment could

156

increase risk, but the increase is expected to be minimal. Most omitted analytes were essential nutrients, tentatively identified compounds, or analytes with no known historical use at the site.

157

6.0 SUMMARY AND CONCLUSIONS

Estimated WRW risks resulting from exposure to COCs present in SEP media have been quantified. Exposure media includes pond liner materials, surface soil, and subsurface soil. Selected COCs were metals and radionuclides in liner material and soil that had concentrations above PRGs and statistically greater than background. Radionuclides in surface soil were the largest contributors to risks. Hazard and risk estimates are shown in Tables 5.1 through 5.4 and below:

- Non-carcinogenic effects were dominated by ingestion of cadmium and chromium in surface soils. A total HI for surface soils from all pathways was 0.04. The total HI due to liner materials was a factor of 4 below surface soil at 0.01 followed by subsurface soil at 0.001.
- Non-carcinogenic effects for inhalation and dermal contact were well below those for ingestion with total HIs of 0.002 and 0.008, respectively.
- Cumulative HIs for the WRW for all COCs and media were well below 1.0.
- Carcinogenic risks for non-radiological COCs (cadmium and chromium) were well below the target risk for the WRW of 1E-05. Total non-radiological carcinogenic risk was 3E-07 for surface soil, 3E-07 for liner materials, and 1E-09 for subsurface soils. All nonradiological risks were well below 1E-06.
- Radiological risk was dominated by exposure to surface soil radionuclides with a total risk of 4E-06. Total risks from exposure to liner materials and subsurface soils were 1 to 2 orders of magnitude lower at 2E-07 and 3E-08, respectively.
- Radiological risks were dominated by external exposure and incidental ingestion of soils. Inhalation composed 10 to 14 percent of the total risk from exposure to all media.
- The total radiological risk to the WRW from all SEP media was 5E-06, which was well below the target risk of 1E-05. The total risk in surface soil was dominated by americium-241 and plutonium-239/240. Americium-241 contributed approximately 63 percent of the total risk.
- Evaluation of the uncertainties associated with assumptions and parameters used in the risk assessment indicated that the estimated risks have been overestimated.

7.0 REFERENCES

CDPHE, 2002, Draft 2002 PRG Spreadsheets, transmitted by email, April.

DOE, 1992, Final Phase I RFI/RI Work Plan for OU 4, Rocky Flats Field Office.

DOE, 1993, Background Geochemical Report, Rocky Flats Environmental Technology Site, Golden, Colorado September.

DOE, 1995a, OU 4 Solar Evaporation Ponds Interim Measure/Interim Remedial Action Environmental Assessment Document, Rocky Flats Environmental Technology Site, Golden, Colorado, February.

DOE, 1995b, Geochemical Characterization of Background Surface Soils: Background Soils Characterization Program. Rocky Flats Field Office, Golden, Colorado, May.

DOE, CDPHE, and EPA, 1996, Rocky Flats Cleanup Agreement, Rocky Flats Environmental Technology Site, Golden, Colorado, July.

DOE, 2000, Industrial Area Sampling and Analysis Plan. Rocky Flats Environmental Technology Site, Golden, Colorado, June.

DOE, 2002a, Task 3 Report and Appendices. Calculations of Surface Radionuclide Soil Action Levels for Plutonium, Americium, and Uranium, Rocky Flats Environmental Technology Site, Golden, Colorado, September.

DOE, 2002b, Proposed Modifications to RFCA, December, 2002.

EG&G, Inc., 1993, Rocky Flats Plant Sitewide Quality Assurance Project Plan for CERCLA Remedial Investigation/Feasibility Studies and RCRA Facility Investigation/Corrective Measure Studies Activities (QAPP), Golden, Colorado.

EPA, 1989, Risk Assessment Guidance for Superfund-Volume I, Human Health Evaluation Manual (Part A), EPA/540/1-89/002, December.

EPA, 1990, National Oil and Hazardous Substances Pollution Contingency Plan.

EPA, 1991, Risk Assessment Guidance for Superfund-Volume I, Human Health Evaluation Manual (Part B, Development of Risk-Based Preliminary Remediation Goals), 9285.7-01B.

EPA, 1992a, Guidance on Risk Characterization for Risk Managers and Risk Assessors, February.

EPA, 1992b, Dermal Exposure Assessment: Principles and Applications, EPA/600/8-91/011B, January.

EPA, 1993, Federal Guidance Report No. 12, External Exposure to Radionuclides in Air, Water, and Soil, EPA-402-R-93-081, September.

EPA, 1994a, Guidance for the Data Quality Objective Process QA/G-4, EPA/600/R-06/055.

EPA, 1994b, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846), September.

EPA, 1996, SW-846 Test Methods for Evaluating Solid Wastes Physical/Chemical Methods, Third Edition and as updated by Updates I, II, IIA, IIB, III, and IIIA; Revision 2, December.

EPA, 1997a, The Lognormal Distribution in Environmental Applications. EPAX680 R-97/006. OSWER, December.

EPA, 1997b, Exposure Factors Handbook. EPA/600/P-95/002Fc, August.

EPA, 1997c, Health Effects Assessment Summary Tables, EPA 540/R-97-036, July.

EPA, 1999, Risk Assessment Guidance for Superfund Volume 3 Part A: Process for Conducting Probabilistic Risk Assessment – Appendix D: Estimating Uncertainty in the Mean Concentration, OSWER, Draft, December.

EPA, 2000a, Guidance for Data Quality Assessment: Practical Methods for Data Analysis, QA-G9, EPA/600-R-96/084.

EPA, 2000b, Soil Screening Guidance for Radionuclides: Users' Guide EPA/540-R-00-007, October.

EPA, 2001a, Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment), Interim, EPA/540/R/99/005, OSWER 9285.7-02EP, PB99-963312, September.

EPA, 2001b, Health Effects Assessment Summary Tables (HEAST) for Radionuclides.

EPA, 2002a, Calculating Exposure Point Concentrations at Hazardous Waste Sites (Draft), OSWER 9285.6-10, July.

EPA, 2002b, Integrated Risk Information System (IRIS), Online database.

Gilbert, R.O., 1987, Statistical Methods for Environmental Pollution Monitoring, John Wiley & Sons, New York.

Kaiser-Hill, 1997a, General Guidelines for Data Verification and Validation, DA-GR01-v1, December.

Kaiser-Hill, 1997b, V&V Guidelines for Volatile Organics, DA-SS01-v1, December.

Kaiser-Hill, 1997c,V&V Guidelines for Semivolatile Organics, DA-SS02-v1, December.

Kaiser-Hill, 1997d,V&V Guidelines for Inorganic Metals, DA-SS05-v1, December.

160

Kaiser-Hill, 1998, V&V Guidelines for Isotopic Determinations by Alpha Spectrometry, DA-RC01-v1, February.

Lockheed-Martin, 1997, Evaluation of Radiochemical Data Usability, ES/ER/MS-5.

National Academy of Sciences, 2000, Dietary Reference Intake Series 1997-2001, Subcommittees on Upper Reference Levels of Nutrients and Interpretation and Uses of DRIs, Standing Committee on the Scientific Evaluation of Dietary Reference Intakes, Food and Nutrition Board. Upper Limits (ULs) developed from RDI by the U.S. Food and Drug Administration.

National of Sciences, 2002, Dietary Reference Intakes for Vitamin A, Vitamin K, Arsenic, Boron, Chromium, Copper, Iodine, Iron, Manganese, Molybdenum, Nickel, Silicon, Vanadium, and Zinc (800 pp.), Panel on Micronutrients, Subcommittees on Upper Reference Levels of Nutrients and of Interpretation and Use of Dietary Reference Intakes, and the Standing Committee on the Scientific Evaluation of Dietary Reference Intakes.

NRC, EPA, DOE, DOE, 1997, Multi-Agency Radiological Survey and Site Investigation Manual (MARSSIM), NUREG-1575.

Shacklette, H.T., 1984, Elemental Concentrations in Soils and Surficial Materials of the Conterminous US, US Geological Survey, Professional Paper 1270.

161

APPENDIX A
Solar Evaporation Pond Data and Background Comparison Tables, and Figures

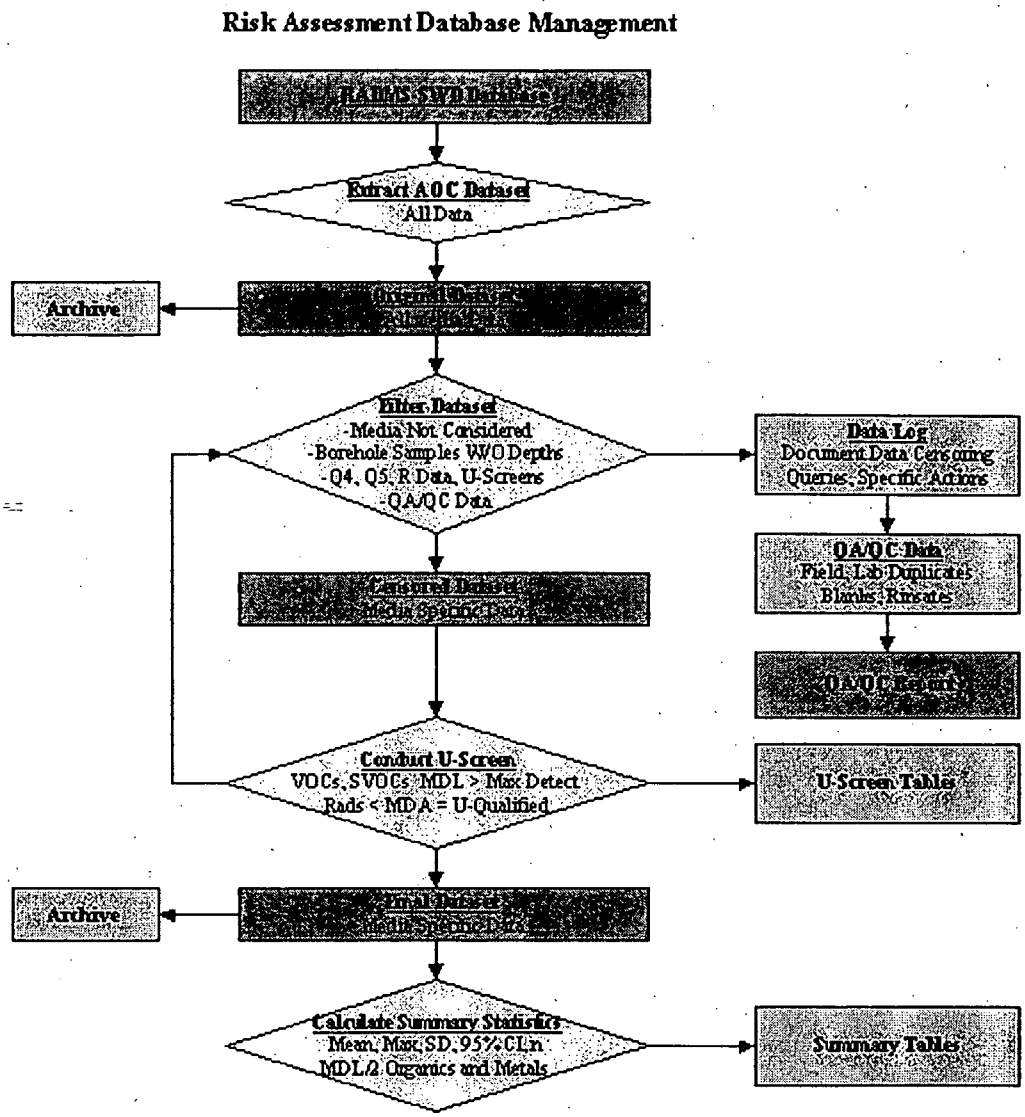
The solar evaporation pond (SEP) data set was subjected to a screening process to enable statistical calculations and subsequent risk assessment evaluation. This process was used to determine basic statistics, detection frequency, and comparison with worker risk-based preliminary remediation goals (PRGs) at a target risk of 1E-06 and hazard quotient (HQ) of 0.1, and for statistical background comparisons. Primary elements of this screening process are as follows:

- All solid matrix sample records were selected for the area of concern (AOC).
- Records were split into radionuclide, inorganic, and organic constituents.
- Field and laboratory duplicates, laboratory control samples (LCSs), R-validated results, and samples with no depth data were removed from the data set.
- A unit screen was conducted to consolidate all records with the proper units and covert or remove those with improper units.
- The detection frequency was calculated for the final results.
- Summary statistics were calculated.
- Comparisons with PRGs were performed.
- Compounds with less than a 5 percent detection frequency were screened to ensure detection limits were below PRG screening levels.
- Statistical distribution testing was performed
- Statistical comparisons to background were performed.
- The 95 percent upper confidence limit (95UCL) was calculated using parametric or nonparametric methods, depending on the statistical distribution of the analyte.

Database Management Process for Risk Assessment Support

1. The initial data set is queried and extracted from the soil water database (SWD)/Remedial Action Decision Management System (RADMS) databases. The initial data set is archived in its entirety.
2. Preliminary data quality screens and filters are conducted on the original data set to eliminate quality assurance (QA)/quality control (QC) results, duplicates, unit problems, and so forth. The censored (removed) data are saved to a file. The resulting screened data set and the censored data file are archived with the original data set.
3. An independent reviewer performs a QA/QC check on the screened data for each site. Reviewer comments are archived in the location of the archived data.
4. If the reviewer determines that additional queries are necessary, they will be limited to the screened data set, which is managed and approved by the Database Manager.
5. Any changes to the screened data set are documented; any additions or deletions to the data set are saved in separate files and archived with the revised and approved final data set in the same location as the original.
6. The approved final data set is then used to generate summary statistics tables in a pre-specified uniform format for metals, volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and radionuclides in each medium. The tables include information to conduct a screen for U-qualified data with elevated detection limits. The summary tables are archived in the location with the initial data set.
7. The entire final data set and all summary tables are then submitted to Risk Assessment.
8. Risk Assessment conducts qualified data and contaminant of concern (COC) screening followed by intake and risk characterization calculations.
9. Risk Assessment requests additional data information only from the screened data set when required to further evaluate data and risk impacts. If this results in data changes, the Database Manager must approve changes to the final data set.
10. Risk assessment results are submitted in draft form to the Project Manager and submitted for review.
11. The final risk report is generated following review. Figure Aa.1 illustrates the steps for generating the risk assessment data set.

164



12.

Figure A.1 Database Management Flow Chart For Risk Assessment

165

APPENDIX A TABLES

(These tables are available on CD from Anna Martinez at (303) 966-5881.)

APPENDIX B
AOC AREA AND EXPOSURE UNIT SIZE

APPENDIX B TABLES
Exposure Unit Calculations

(These tables are available on CD from Anna Martinez at (303) 966-5881.)

APPENDIX C
Risk Calculations

APPENDIX C TABLES

(these tables are available on CD from Anna Martinez at (303) 966-5881)

APPENDIX A

Table of Contents

TABLE NUMBER	TITLE	NUMBER OF PAGES
Table A.1	Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals	28
Table A.2	Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics	79
Table A.3	Solar Evaporation Ponds AOC - Analytical Results for Surface Soils – Radionuclides	11
Table A.4	Solar Evaporation Ponds AOC - Analytical Results for Liner - Metals	9
Table A.5	Solar Evaporation Ponds AOC - Analytical Results for Liner – Radionuclides	3
Table A.6	Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet – Metals	45
Table A.7	Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet – Organics	58
Table A.8	Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides	15
Table A.9	Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet – Metals	33
Table A.10	Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet – Organics	59
Table A.11	Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides	19
Table A.12	Solar Evaporation Ponds AOC - Analytical Results for Samples With Null Sample Depths	2
Table A.13a	Solar Evaporation Ponds AOC – Summary Statistics for Detected Analytes in Surface Soils	2
Table A.13b	Solar Evaporation Ponds AOC - Summary Statistics for Detected Analytes in Liner	1
Table A.14	Solar Evaporation Ponds AOC - Summary Statistics for Analytes Detected in Subsurface Samples Less Than 6 Feet	1
Table A.15	Solar Evaporation Ponds AOC - Summary Statistics for Detected Analytes in Subsurface Soils Greater Than 6 Feet	1
Table A.16	Solar Evaporation Ponds AOC - Summary Statistics for Detected Analytes for Samples With Null Sample Depths	1
Table A.17	Solar Evaporation Ponds AOC - Summary Statistics for Non-Detected Analytes - Surface Soils	2

171

TABLE NUMBER	TITLE	NUMBER OF PAGES
Table A.18	Solar Evaporation Ponds AOC - Summary Statistics for Non-Detected Analytes in Subsurface Soils Less Than 6 Feet	2
Table A.19	Solar Evaporation Ponds AOC - Summary Statistics for Non-Detected Analytes in Subsurface Soils Greater Than 6 Feet	2
Table A.20	Solar Evaporation Ponds AOC - Summary Statistics for Non-Detected Analytes in Samples With Null Sample Depths	1
Table A.21	Solar Evaporation Ponds AOC – Analytical Results for Surface Soil Samples With Irregular Units	3
Table A.22	Solar Evaporation Ponds AOC – Analytical Results for Subsurface Soil Samples Less Than 6 Feet With Irregular Units	5
Table A.23	Solar Evaporation Ponds AOC – Analytical Results for Subsurface Soil Samples Greater Than 6 Feet With Irregular Units	9
Table A.24	Comparative Descriptives Surface Soil Background Comparison Location: SSALUMINUM, BGALUMINUM	1
Table A.25	Mann-Whitney Test Surface Soil Background Comparison Location: SSALUMINUM ≥ BGALUMINUM	1
Table A.26	Comparative Descriptives Surface Soil Background Comparison Location: SSARSENIC, BGARSENIC	1
Table A.27	Mann-Whitney Test Surface Soil Background Comparison Location: SSARSENIC ≥ BGARSENIC	1
Table A.28	Comparative Descriptives Surface Soil Background Comparison Location: SSCADMIUM, BGCADMIUM	1
Table A.29	Mann-Whitney Test Surface Soil Background Comparison Location: SSCADMIUM ≥ BGCADMIUM	1
Table A.30	Comparative Descriptives Surface Soil Background Comparison Location: SSCHROMIUM, BGCHROMIUM	1
Table A.31	Mann-Whitney Test Surface Soil Background Comparison Location: SSCHROMIUM ≥ BGCHROMIUM	1
Table A.32	Comparative Descriptives Surface Soil Background Comparison Location: SSMANGANESE, BGMANGANESE	1
Table A.33	Mann-Whitney Test Surface Soil Background Comparison Location: SSMANGANESE ≥ BGMANGANESE	1
Table A.34	Comparative Descriptives Surface Soil Background Comparison Location: SSAMERICIUM, BGAMERICIUM	1
Table A.35	Mann-Whitney Test Surface Soil Background Comparison Location: SSAMERICIUM ≥ BGAMERICIUM	1
Table A.36	Comparative Descriptives Surface Soil Background Comparison Location: SSPLUTONIUM, BGPLUTONIUM	1
Table A.37	Mann-Whitney Test Surface Soil Background Comparison Location: SSPLUTONIUM ≥ BGPLUTONIUM	1

172

TABLE NUMBER	TITLE	NUMBER OF PAGES
Table A.38	Comparative Descriptives Surface Soil Background Comparison Location: SSURANIUM234, BGURANIUM234	1
Table A.39	Mann-Whitney Test Surface Soil Background Comparison Location: SSURANIUM234 ≥ BGURANIUM234	1
Table A.40	Comparative Descriptives Surface Soil Background Comparison Location: SSURANIUM235, BGURANIUM235	1
Table A.41	Mann-Whitney Test Surface Soil Background Comparison Location: SSURANIUM235 ≥ BGURANIUM235	1
Table A.42	Comparative Descriptives Surface Soil Background Comparison Location: SSURANIUM238, BGURANIUM238	1
Table A.43	Mann-Whitney Test Surface Soil Background Comparison Location: SSURANIUM238 ≥ BGURANIUM238	1
Table A.44	Comparative Descriptives: Location LNRChromium, SSBGChromium	1
Table A.45	Mann-Whitney Test Location: LNRChromium ≥ SSBGChromium	1
Table A.46	Comparative Descriptives: Liner Background Comparison Location: Americium-241, BGAMERICIUM	1
Table A.47	Mann-Whitney Test Liner Background Comparison Location: Americium-241 ≥ BGAMERICIUM	1
Table A.48	Comparative Descriptives Liner Background Comparison Location: Uranium-235, BGURANIUM235	1
Table A.49	Mann-Whitney Test Liner Background Comparison Location: Uranium-235 ≥ BGURANIUM235	1
Table A.50	Independent Samples T-Test Liner Background Comparison Location: InU235 ≥ BGInU235	1
Table A.51	Comparative Descriptives Liner Background Comparison Location: Uranium-238, BGURANIUM238	1
Table A.52	Mann-Whitney Test Liner Background Comparison Location: Uranium-238 ≥ BGURANIUM238	1
Table A.53	Comparative Descriptives Borehole Background Comparison Location: BHALUMINUM, BGALUMINUM	1
Table A.54	Mann-Whitney Test Borehole Background Comparison Location: BHALUMINUM ≥ BGALUMINUM	1
Table A.55	Independent Samples t-test Borehole Background Comparison Location: BHlnAl ≥ BGlnAl	1
Table A.56	Comparative Descriptives Borehole Background Comparison Location: BHARSENIC, BGARSENIC	1
Table A.57	Mann-Whitney Test Borehole Background Comparison Location: BHARSENIC ≥ BGARSENIC	1

173

TABLE NUMBER	TITLE	NUMBER OF PAGES
Table A.58	Independent Samples t-test Borehole Background Comparison Location: BHlnAs ≥ BGlnAs	1
Table A.59	Comparative Descriptives Borehole Background Comparison Location: BHBARIUM, BGBARIUM	1
Table A.60	Mann-Whitney Test Borehole Background Comparison Location: BHBARIUM ≥ BGBARIUM	1
Table A.61	Independent Samples t-test Borehole Background Comparison Location: BHlnBa ≥ BGlnBa	1
Table A.62	Comparative Descriptives Borehole Background Comparison Location: BHCADMIUM, BGCADMIUM	1
Table A.63	Mann-Whitney Test Borehole Background Comparison Location: BHCADMIUM ≥ BGCADMIUM	1
Table A.64	Comparative Descriptives Borehole Background Comparison Location: BHCHROMIUM, BGCHROMIUM	1
Table A.65	Mann-Whitney Test Borehole Background Comparison Location: BHCHROMIUM ≥ BGCHROMIUM	1
Table A.66	Comparative Descriptives Borehole Background Comparison Location: BHIRON, BGIRON	1
Table A.67	Mann-Whitney Test Borehole Background Comparison Location: BHIRON ≥ BGIRON	1
Table A.68	Comparative Descriptives Borehole Background Comparison Location: BHMANGANESE, BGMANGANESE	1
Table A.69	Mann-Whitney Test Borehole Background Comparison Location: BHMANGANESE ≥ BGMANGANESE	1
Table A.70	Comparative Descriptives BHAMERICIUM, BGAMERICIUM	1
Table A.71	Mann-Whitney Test BHAMERICIUM ≥ BGAMERICIUM	1
Table A.72	Comparative Descriptives BHPLUTONIUM-239/240, BGPLUTONIUM-239/240	1
Table A.73	Mann-Whitney Test BHPLUTONIUM-239/240 ≥ BGPLUTONIUM-239/240	1
Table A.74	Comparative Descriptives BHURANIUM-234, BGURANIUM-234	1
Table A.75	Mann-Whitney Test BHURANIUM-234 ≥ BGURANIUM-234	1
Table A.76	Comparative Descriptives BHURANIUM-235, BGURANIUM-235	1
Table A.77	Mann-Whitney Test BHURANIUM-235 ≥ BGURANIUM-235	1

174

TABLE NUMBER	TITLE	NUMBER OF PAGES
Table A.78	Comparative Descriptives BHURANIUM-238, BGURANIUM-238	1
Table A.79	Mann-Whitney Test BHURANIUM-238 ≥ BGURANIUM-238	1
Table A.80	SEP Analytes in Liner Material With No PRGs in ALF	1
Table A.81	SEP Analytes in Surface Soils With No PRGs in ALF	1
Table A.82	SEP Subsurface Analytes With No PRGs in ALF	1
Table A.83	Surface Soil Background Inorganic Data	1
Table A.84	Surface Soil Background Radionuclide Data	2
Table A.85	Subsurface Soil Background Inorganic Data	9
Table A.86	Subsurface Soil Background Radionuclide Data	7
Table A.87	Surface Soil Background Data Summary (mg/kg inorganic, pCi/g radionuclides)	1
Table A.88	Subsurface Soil Background Data Summary (mg/kg inorganic, pCi/g radionuclides)	

175

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05093	0	2	IN	SS00002AE	ALUMINUM	7429-90-5	50	23400	mg/kg		V
05193	0	2	IN	SS00003AE	ALUMINUM	7429-90-5	50	14300	mg/kg		V
05393	0	2	IN	SS00005AE	ALUMINUM	7429-90-5	50	10.9	mg/kg	U	V
40093	0	2	IN	SS40060AE	ALUMINUM	7429-90-5	55	9090	mg/kg	*	J
40293	0	2	IN	SS40042AE	ALUMINUM	7429-90-5	57	10300	mg/kg		V
40393	0	2	IN	SS40053AE	ALUMINUM	7429-90-5	52	17800	mg/kg		V
40693	0	2	IN	SS40057AE	ALUMINUM	7429-90-5	50	9570	mg/kg		V
40793	0	2	IN	SS40058AE	ALUMINUM	7429-90-5	50	9420	mg/kg		V
40893	0	2	IN	SS40004AE	ALUMINUM	7429-90-5	48.3	11400	mg/kg		V
40993	0	2	IN	SS40072AE	ALUMINUM	7429-90-5	50	9830	mg/kg		V
41193	0	2	IN	SS40007AE	ALUMINUM	7429-90-5	72	8640	mg/kg		V
41293	0	2	IN	SS40071AE	ALUMINUM	7429-90-5	50	8500	mg/kg		V
41593	4	6	IN	SS40073AE	ALUMINUM	7429-90-5	50	11200	mg/kg		V
41693	0	2	IN	SS40410AE	ALUMINUM	7429-90-5	53	21300	mg/kg	E	J
41793	0	2	IN	SS40077AE	ALUMINUM	7429-90-5	46	10900	mg/kg		V
41993	0	2	IN	SS40009AE	ALUMINUM	7429-90-5	48	8970	mg/kg	*	J
42093	0	2	IN	SS40480AE	ALUMINUM	7429-90-5	41	2500	mg/kg	*	J
42193	4	6	IN	SS40012AE	ALUMINUM	7429-90-5	50	5510	mg/kg		V
42293	0	2	IN	SS40078AE	ALUMINUM	7429-90-5	50	23300	mg/kg		V
42393	0	2	IN	SS40079AE	ALUMINUM	7429-90-5	43	7040	mg/kg		V
42593	4	6	IN	SS40082AE	ALUMINUM	7429-90-5	50	6490	mg/kg		V
42693	0	2	IN	SS40080AE	ALUMINUM	7429-90-5	62	7840	mg/kg		V
42993	0	2	IN	SS40056AE	ALUMINUM	7429-90-5	46	4140	mg/kg		V
43193	0	2	IN	SS40084AE	ALUMINUM	7429-90-5	44	6880	mg/kg		V
43393	4	6	IN	SS40087AE	ALUMINUM	7429-90-5	50	7520	mg/kg		V
43493	0	2	IN	SS40086AE	ALUMINUM	7429-90-5	50	9180	mg/kg		V
43693	4	6	IN	SS40089AE	ALUMINUM	7429-90-5	50	6190	mg/kg		V
43793	0	2	IN	SS40088AE	ALUMINUM	7429-90-5	47	12700	mg/kg	E	J
43893	0	2	IN	SS40010AE	ALUMINUM	7429-90-5	47	12400	mg/kg		V
43993	0	2	IN	SS40091AE	ALUMINUM	7429-90-5	45	2760	mg/kg		V
44093	0	2	IN	SS40090AE	ALUMINUM	7429-90-5	48	7630	mg/kg		V
44393	0	2	IN	SS40005AE	ALUMINUM	7429-90-5	46	6350	mg/kg		V
44593	0	2	IN	SS40001AE	ALUMINUM	7429-90-5	44	14400	mg/kg		V
44893	0	2	IN	SS40070AE	ALUMINUM	7429-90-5	58	14300	mg/kg	*	J
45693	0	2	IN	SS40094AE	ALUMINUM	7429-90-5	50	12500	mg/kg		V
45793	0	2	IN	SS40015AE	ALUMINUM	7429-90-5	50	13300	mg/kg		V
46193	0	2	IN	SS40096AE	ALUMINUM	7429-90-5	50	14800	mg/kg		V
46693	4	6	IN	SS40141AE	ALUMINUM	7429-90-5	40	10500	mg/kg		V
46793	4	6	IN	SS40142AE	ALUMINUM	7429-90-5	40	10200	mg/kg		V
46893	4	6	IN	SS40143AE	ALUMINUM	7429-90-5	200	10500	mg/kg		V
47093	0	1	IN	SS40145AE	ALUMINUM	7429-90-5	200	12200	mg/kg		V
48195	0	0	FT	AS00001PE	ALUMINUM	7429-90-5		6100	mg/kg		Z
48295	0	0	FT	AS00002PE	ALUMINUM	7429-90-5		4210	mg/kg		Z
48395	0	0	FT	AS00003PE	ALUMINUM	7429-90-5		6970	mg/kg		Z
SS400293	0	2	IN	SS40018AE	ALUMINUM	7429-90-5	57	17900	mg/kg		V
SS400393	0	2	IN	SS40019AE	ALUMINUM	7429-90-5	50	15900	mg/kg		V
SS400593	0	2	IN	SS40021AE	ALUMINUM	7429-90-5	50	11500	mg/kg		V
SS400693	0	2	IN	SS40022AE	ALUMINUM	7429-90-5	50	6760	mg/kg		V
SS400793	0	2	IN	SS40023AE	ALUMINUM	7429-90-5	46.5	16500	mg/kg		V
SS400893	0	2	IN	SS40024AE	ALUMINUM	7429-90-5	52	9260	mg/kg		V
SS401193	0	2	IN	SS40027AE	ALUMINUM	7429-90-5	56	11400	mg/kg		V
SS401293	0	2	IN	SS40028AE	ALUMINUM	7429-90-5	44.8	9590	mg/kg		V
SS401393	0	2	IN	SS40029AE	ALUMINUM	7429-90-5	57.8	14900	mg/kg		V
SS401593	0	2	IN	SS40031AE	ALUMINUM	7429-90-5	51.7	11800	mg/kg		V
SS401693	0	2	IN	SS40032AE	ALUMINUM	7429-90-5	42	2660	mg/kg		V
SS401893	0	2	IN	SS40034AE	ALUMINUM	7429-90-5	44	5000	mg/kg		V
SS402393	0	2	IN	SS40039AE	ALUMINUM	7429-90-5	46	4190	mg/kg		V
SS402593	0	2	IN	SS40041AE	ALUMINUM	7429-90-5	54	8100	mg/kg		V
SS402793	0	2	IN	SS40043AE	ALUMINUM	7429-90-5	50	10500	mg/kg		V
SS402893	0	2	IN	SS40044AE	ALUMINUM	7429-90-5	50	10600	mg/kg		V
SS402993	0	2	IN	SS40045AE	ALUMINUM	7429-90-5	50	18300	mg/kg		V
SS403093	0	2	IN	SS40046AE	ALUMINUM	7429-90-5	50	32500	mg/kg		V
SS403193	0	2	IN	SS40047AE	ALUMINUM	7429-90-5	50	24900	mg/kg		V
SS403293	0	2	IN	SS40048AE	ALUMINUM	7429-90-5	50	16600	mg/kg		V
SS403393	0	2	IN	SS40049AE	ALUMINUM	7429-90-5	50	23600	mg/kg		V
SS403493	0	2	IN	SS40050AE	ALUMINUM	7429-90-5	50	11500	mg/kg		V
SS403593	0	2	IN	SS40051AE	ALUMINUM	7429-90-5	50	8910	mg/kg		V
SS403693	0	2	IN	SS40052AE	ALUMINUM	7429-90-5	50	10900	mg/kg		V
SS606292	0	2	IN	SS60062WC	ALUMINUM	7429-90-5	40	4730	mg/kg		V
SS620292	0	2	IN	SS60202WC	ALUMINUM	7429-90-5	40	2750	mg/kg		V
SS810893	0	3	IN	SSG0102JE	ALUMINUM	7429-90-5	200	3690	mg/kg		V
SS811193	0	3	IN	SSG0105JE	ALUMINUM	7429-90-5	200	1450	mg/kg		V
SS811493	0	3	IN	SSG0108JE	ALUMINUM	7429-90-5	200	9210	mg/kg		V
05093	0	2	IN	SS00002AE	ANTIMONY	7440-36-0	50	10.8	mg/kg	UN	J
05193	0	2	IN	SS00003AE	ANTIMONY	7440-36-0	50	11.5	mg/kg	BN	J

176

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05393	0	2	IN	SS00005AE	ANTIMONY	7440-36-0	50	10.9	mg/kg	UN	J
40093	0	2	IN	SS40060AE	ANTIMONY	7440-36-0	16	13.7	mg/kg	UN	J
40293	0	2	IN	SS40042AE	ANTIMONY	7440-36-0	17	14.1	mg/kg	UN	J
40393	0	2	IN	SS40053AE	ANTIMONY	7440-36-0	16	13	mg/kg	UN	J
40893	0	2	IN	SS40004AE	ANTIMONY	7440-36-0	14.5	12.1	mg/kg	UN	J
41193	0	2	IN	SS40007AE	ANTIMONY	7440-36-0	22	18	mg/kg	UN	J
41593	4	6	IN	SS40073AE	ANTIMONY	7440-36-0	50	10.6	mg/kg	UN	J
41693	0	2	IN	SS40410AE	ANTIMONY	7440-36-0	16	13.4	mg/kg	UN	J
41793	0	2	IN	SS40077AE	ANTIMONY	7440-36-0	14	11.4	mg/kg	UN	J
41993	0	2	IN	SS40009AE	ANTIMONY	7440-36-0	14	11.9	mg/kg	UN	J
42093	0	2	IN	SS40480AE	ANTIMONY	7440-36-0	12	10.3	mg/kg	UN	J
42193	4	6	IN	SS40012AE	ANTIMONY	7440-36-0	50	10.4	mg/kg	UN	J
42293	0	2	IN	SS40078AE	ANTIMONY	7440-36-0	50	11.9	mg/kg	UN	J
42393	0	2	IN	SS40079AE	ANTIMONY	7440-36-0	13	10.7	mg/kg	UN	J
42593	4	6	IN	SS40082AE	ANTIMONY	7440-36-0	50	10.5	mg/kg	UN	J
42693	0	2	IN	SS40080AE	ANTIMONY	7440-36-0	19	15.5	mg/kg	UN	J
42993	0	2	IN	SS40056AE	ANTIMONY	7440-36-0	14	11.4	mg/kg	UN	J
43193	0	2	IN	SS40084AE	ANTIMONY	7440-36-0	13	11	mg/kg	UN	J
43393	4	6	IN	SS40087AE	ANTIMONY	7440-36-0	50	10.5	mg/kg	UN	J
43493	0	2	IN	SS40086AE	ANTIMONY	7440-36-0	50	11.5	mg/kg	UN	J
43693	4	6	IN	SS40089AE	ANTIMONY	7440-36-0	50	10.4	mg/kg	UN	J
43793	0	2	IN	SS40088AE	ANTIMONY	7440-36-0	14	11.7	mg/kg	UN	J
43893	0	2	IN	SS40010AE	ANTIMONY	7440-36-0	14	11.8	mg/kg	UN	J
43993	0	2	IN	SS40091AE	ANTIMONY	7440-36-0	14	11.3	mg/kg	UN	J
44093	0	2	IN	SS40090AE	ANTIMONY	7440-36-0	14	11.9	mg/kg	UN	J
44393	0	2	IN	SS40005AE	ANTIMONY	7440-36-0	14	11.5	mg/kg	UN	J
44593	0	2	IN	SS40001AE	ANTIMONY	7440-36-0	13.2	11	mg/kg	UN	J
44893	0	2	IN	SS40070AE	ANTIMONY	7440-36-0	17	14.5	mg/kg	UN	J
45693	0	2	IN	SS40094AE	ANTIMONY	7440-36-0	50	14.6	mg/kg	UN	J
45793	0	2	IN	SS40015AE	ANTIMONY	7440-36-0	50	13.9	mg/kg	UN	J
46193	0	2	IN	SS40096AE	ANTIMONY	7440-36-0	50	12.3	mg/kg	UN	J
46893	4	6	IN	SS40143AE	ANTIMONY	7440-36-0	60	6.6	mg/kg	U	J
47093	0	1	IN	SS40145AE	ANTIMONY	7440-36-0	60	4.3	mg/kg	U	J
48195	0	0	FT	AS00001PE	ANTIMONY	7440-36-0	5.1	5.1	mg/kg	UN	Z
48295	0	0	FT	AS00002PE	ANTIMONY	7440-36-0	5	5	mg/kg	UN	Z
48395	0	0	FT	AS00003PE	ANTIMONY	7440-36-0	2.6	5.9	mg/kg	UN	Z
SS400293	0	2	IN	SS40018AE	ANTIMONY	7440-36-0	17.1	14.2	mg/kg	UN	J
SS400393	0	2	IN	SS40019AE	ANTIMONY	7440-36-0	50	10.6	mg/kg	UN	J
SS400593	0	2	IN	SS40021AE	ANTIMONY	7440-36-0	50	10.2	mg/kg	UN	J
SS400693	0	2	IN	SS40022AE	ANTIMONY	7440-36-0	50	10.7	mg/kg	UN	J
SS400793	0	2	IN	SS40023AE	ANTIMONY	7440-36-0	14	11.6	mg/kg	UN	J
SS400893	0	2	IN	SS40024AE	ANTIMONY	7440-36-0	16	13.1	mg/kg	UN	J
SS401193	0	2	IN	SS40027AE	ANTIMONY	7440-36-0	17	14.1	mg/kg	UN	J
SS401293	0	2	IN	SS40028AE	ANTIMONY	7440-36-0	13.4	11.2	mg/kg	UN	J
SS401393	0	2	IN	SS40029AE	ANTIMONY	7440-36-0	17.3	14.5	mg/kg	UN	J
SS401593	0	2	IN	SS40031AE	ANTIMONY	7440-36-0	15.5	12.9	mg/kg	UN	J
SS401693	0	2	IN	SS40032AE	ANTIMONY	7440-36-0	13	10.6	mg/kg	UN	J
SS401893	0	2	IN	SS40034AE	ANTIMONY	7440-36-0	13	23.8	mg/kg	N	J
SS402393	0	2	IN	SS40039AE	ANTIMONY	7440-36-0	14	11.6	mg/kg	UN	J
SS402593	0	2	IN	SS40041AE	ANTIMONY	7440-36-0	16	13.4	mg/kg	UN	J
SS402793	0	2	IN	SS40043AE	ANTIMONY	7440-36-0	50	10.6	mg/kg	UN	J
SS402893	0	2	IN	SS40044AE	ANTIMONY	7440-36-0	50	10.4	mg/kg	UN	J
SS402993	0	2	IN	SS40045AE	ANTIMONY	7440-36-0	50	10.6	mg/kg	UN	J
SS403093	0	2	IN	SS40046AE	ANTIMONY	7440-36-0	50	24.8	mg/kg	BN	J
SS403193	0	2	IN	SS40047AE	ANTIMONY	7440-36-0	50	13.3	mg/kg	UN	J
SS403293	0	2	IN	SS40048AE	ANTIMONY	7440-36-0	50	15.5	mg/kg	UN	J
SS403393	0	2	IN	SS40049AE	ANTIMONY	7440-36-0	50	14.5	mg/kg	UN	J
SS403493	0	2	IN	SS40050AE	ANTIMONY	7440-36-0	50	12	mg/kg	UN	J
SS403593	0	2	IN	SS40051AE	ANTIMONY	7440-36-0	50	11.4	mg/kg	UN	J
SS403693	0	2	IN	SS40052AE	ANTIMONY	7440-36-0	50	12.2	mg/kg	UN	J
SS606292	0	2	IN	SS60062WC	ANTIMONY	7440-36-0	12	13.4	mg/kg	U	J
SS620292	0	2	IN	SS60202WC	ANTIMONY	7440-36-0	12	14.5	mg/kg	U	J
SS810893	0	3	IN	SSG0102JE	ANTIMONY	7440-36-0	60	3.6	mg/kg	U	J
SS811193	0	3	IN	SSG0105JE	ANTIMONY	7440-36-0	60	2.2	mg/kg	U	J
SS811493	0	3	IN	SSG0108JE	ANTIMONY	7440-36-0	60	2.4	mg/kg	U	J
05093	0	2	IN	SS00002AE	ARSENIC	7440-38-2	2	3.4	mg/kg		V
05193	0	2	IN	SS00003AE	ARSENIC	7440-38-2	3	2.8	mg/kg		V
05393	0	2	IN	SS00005AE	ARSENIC	7440-38-2	2	2.4	mg/kg		V
40093	0	2	IN	SS40060AE	ARSENIC	7440-38-2	3	5.7	mg/kg	*	V
40293	0	2	IN	SS40042AE	ARSENIC	7440-38-2	3	3.9	mg/kg		V
40393	0	2	IN	SS40053AE	ARSENIC	7440-38-2	3	3.3	mg/kg	SN	J
40693	0	2	IN	SS40057AE	ARSENIC	7440-38-2	3	2.6	mg/kg	BN	J
40793	0	2	IN	SS40058AE	ARSENIC	7440-38-2	3	3	mg/kg	BN	J
40893	0	2	IN	SS40004AE	ARSENIC	7440-38-2	2.4	3.5	mg/kg		V
40993	0	2	IN	SS40072AE	ARSENIC	7440-38-2	3	2	mg/kg	BN	J

177

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41193	0	2	IN	SS40007AE	ARSENIC	7440-38-2	4	3.8	mg/kg	SN	J
41293	0	2	IN	SS40071AE	ARSENIC	7440-38-2	3	2.9	mg/kg	BN	J
41593	4	6	IN	SS40073AE	ARSENIC	7440-38-2	3	1.7	mg/kg	B	V
41693	0	2	IN	SS40410AE	ARSENIC	7440-38-2	3	6	mg/kg		V
41793	0	2	IN	SS40077AE	ARSENIC	7440-38-2	2	4.6	mg/kg	N	J
41993	0	2	IN	SS40009AE	ARSENIC	7440-38-2	2	2	mg/kg	*	V
42093	0	2	IN	SS40480AE	ARSENIC	7440-38-2	2	3.3	mg/kg	*	V
42193	4	6	IN	SS40012AE	ARSENIC	7440-38-2	3	0.63	mg/kg	U	V
42293	0	2	IN	SS40078AE	ARSENIC	7440-38-2	3	4.6	mg/kg	S	V
42393	0	2	IN	SS40079AE	ARSENIC	7440-38-2	2	3.1	mg/kg		V
42593	4	6	IN	SS40082AE	ARSENIC	7440-38-2	3	1.2	mg/kg	B	V
42693	0	2	IN	SS40080AE	ARSENIC	7440-38-2	3	3.6	mg/kg	N	J
42993	0	2	IN	SS40056AE	ARSENIC	7440-38-2	2	4.8	mg/kg		V
43193	0	2	IN	SS40084AE	ARSENIC	7440-38-2	2	4.4	mg/kg	N	J
43393	4	6	IN	SS40087AE	ARSENIC	7440-38-2	3	1.5	mg/kg	B	V
43493	0	2	IN	SS40086AE	ARSENIC	7440-38-2	3	2.8	mg/kg		V
43693	4	6	IN	SS40089AE	ARSENIC	7440-38-2	3	0.62	mg/kg	UW	V
43793	0	2	IN	SS40088AE	ARSENIC	7440-38-2	2	2.5	mg/kg		V
43893	0	2	IN	SS40010AE	ARSENIC	7440-38-2	2	3.8	mg/kg	SN	J
43993	0	2	IN	SS40091AE	ARSENIC	7440-38-2	2	3.9	mg/kg	N	J
44093	0	2	IN	SS40090AE	ARSENIC	7440-38-2	2	2.4	mg/kg	N	J
44393	0	2	IN	SS40005AE	ARSENIC	7440-38-2	2	2.4	mg/kg		V
44593	0	2	IN	SS40001AE	ARSENIC	7440-38-2	2.2	6.5	mg/kg		V
44893	0	2	IN	SS40070AE	ARSENIC	7440-38-2	3	5.8	mg/kg	*	V
45693	0	2	IN	SS40094AE	ARSENIC	7440-38-2	3	4.1	mg/kg	N	J
45793	0	2	IN	SS40015AE	ARSENIC	7440-38-2	3	2.6	mg/kg	BN	J
46193	0	2	IN	SS40096AE	ARSENIC	7440-38-2	3	7.1	mg/kg		V
46693	4	6	IN	SS40141AE	ARSENIC	7440-38-2	2	2.2	mg/kg		V
46793	4	6	IN	SS40142AE	ARSENIC	7440-38-2	2	3.2	mg/kg		V
46893	4	6	IN	SS40143AE	ARSENIC	7440-38-2	10	4.5	mg/kg	N	J
47093	0	1	IN	SS40145AE	ARSENIC	7440-38-2	10	4.3	mg/kg	N	J
48195	0	0	FT	AS00001PE	ARSENIC	7440-38-2		1.1	mg/kg	BW	Z
48295	0	0	FT	AS00002PE	ARSENIC	7440-38-2		0.96	mg/kg	BW	Z
48395	0	0	FT	AS00003PE	ARSENIC	7440-38-2		1.2	mg/kg	BW	Z
SS400293	0	2	IN	SS40018AE	ARSENIC	7440-38-2	2.8	7.5	mg/kg		V
SS400393	0	2	IN	SS40019AE	ARSENIC	7440-38-2	2	3.8	mg/kg		V
SS400593	0	2	IN	SS40021AE	ARSENIC	7440-38-2	2	3.6	mg/kg		V
SS400693	0	2	IN	SS40022AE	ARSENIC	7440-38-2	2	2.6	mg/kg		V
SS400793	0	2	IN	SS40023AE	ARSENIC	7440-38-2	2.3	7.1	mg/kg	S	V
SS400893	0	2	IN	SS40024AE	ARSENIC	7440-38-2	3	2.3	mg/kg	B	V
SS401193	0	2	IN	SS40027AE	ARSENIC	7440-38-2	3	3.2	mg/kg		J
SS401293	0	2	IN	SS40028AE	ARSENIC	7440-38-2	2.2	2.2	mg/kg	B	V
SS401393	0	2	IN	SS40029AE	ARSENIC	7440-38-2	2.9	2.5	mg/kg	B	V
SS401593	0	2	IN	SS40031AE	ARSENIC	7440-38-2	2.6	7.5	mg/kg		V
SS401693	0	2	IN	SS40032AE	ARSENIC	7440-38-2	2	1	mg/kg	B	J
SS401893	0	2	IN	SS40034AE	ARSENIC	7440-38-2	2	0.95	mg/kg	B	V
SS402393	0	2	IN	SS40039AE	ARSENIC	7440-38-2	2	1.7	mg/kg	B	V
SS402593	0	2	IN	SS40041AE	ARSENIC	7440-38-2	3	2.2	mg/kg	B	V
SS402793	0	2	IN	SS40043AE	ARSENIC	7440-38-2	2	2	mg/kg	B	V
SS402893	0	2	IN	SS40044AE	ARSENIC	7440-38-2	2	2.8	mg/kg		V
SS402993	0	2	IN	SS40045AE	ARSENIC	7440-38-2	2	3.9	mg/kg		V
SS403093	0	2	IN	SS40046AE	ARSENIC	7440-38-2	2	6.5	mg/kg		V
SS403193	0	2	IN	SS40047AE	ARSENIC	7440-38-2	2	4.1	mg/kg		V
SS403293	0	2	IN	SS40048AE	ARSENIC	7440-38-2	2	4.7	mg/kg		V
SS403393	0	2	IN	SS40049AE	ARSENIC	7440-38-2	2	5.9	mg/kg	S	V
SS403493	0	2	IN	SS40050AE	ARSENIC	7440-38-2	2	2.3	mg/kg	B	V
SS403593	0	2	IN	SS40051AE	ARSENIC	7440-38-2	2	2.8	mg/kg	S	V
SS403693	0	2	IN	SS40052AE	ARSENIC	7440-38-2	2	2.3	mg/kg	B	V
SS606292	0	2	IN	SS60062WC	ARSENIC	7440-38-2	2	4.3	mg/kg		V
SS810893	0	3	IN	SSG0102JE	ARSENIC	7440-38-2	10	2.4	mg/kg		V
SS811193	0	3	IN	SSG0105JE	ARSENIC	7440-38-2	10	1.3	mg/kg	B	J
SS811493	0	3	IN	SSG0108JE	ARSENIC	7440-38-2	10	5.9	mg/kg		V
05093	0	2	IN	SS00002AE	BARIUM	7440-39-3	10	116	mg/kg		V
05193	0	2	IN	SS00003AE	BARIUM	7440-39-3	10	170	mg/kg		V
05393	0	2	IN	SS00005AE	BARIUM	7440-39-3	10	2.2	mg/kg	U	V
40093	0	2	IN	SS40060AE	BARIUM	7440-39-3	55	186	mg/kg		V
40293	0	2	IN	SS40042AE	BARIUM	7440-39-3	57	137	mg/kg		V
40393	0	2	IN	SS40053AE	BARIUM	7440-39-3	52	149	mg/kg		V
40693	0	2	IN	SS40057AE	BARIUM	7440-39-3	10	146	mg/kg		V
40793	0	2	IN	SS40058AE	BARIUM	7440-39-3	10	110	mg/kg		V
40893	0	2	IN	SS40004AE	BARIUM	7440-39-3	48.3	98.9	mg/kg		V
40993	0	2	IN	SS40072AE	BARIUM	7440-39-3	10	120	mg/kg		V
41193	0	2	IN	SS40007AE	BARIUM	7440-39-3	72	131	mg/kg		V
41293	0	2	IN	SS40071AE	BARIUM	7440-39-3	10	92.2	mg/kg		V
41593	4	6	IN	SS40073AE	BARIUM	7440-39-3	10	93.7	mg/kg		V

178

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41693	0	2	IN	SS40410AE	BARIUM	7440-39-3	53	393	mg/kg		V
41793	0	2	IN	SS40077AE	BARIUM	7440-39-3	46	87.5	mg/kg		V
41993	0	2	IN	SS40009AE	BARIUM	7440-39-3	48	94.8	mg/kg		V
42093	0	2	IN	SS40480AE	BARIUM	7440-39-3	41	42	mg/kg		V
42193	4	6	IN	SS40012AE	BARIUM	7440-39-3	10	52.4	mg/kg		V
42293	0	2	IN	SS40078AE	BARIUM	7440-39-3	10	120	mg/kg		V
42393	0	2	IN	SS40079AE	BARIUM	7440-39-3	43	80.7	mg/kg		V
42593	4	6	IN	SS40082AE	BARIUM	7440-39-3	10	43.2	mg/kg		V
42693	0	2	IN	SS40080AE	BARIUM	7440-39-3	62	148	mg/kg		V
42993	0	2	IN	SS40056AE	BARIUM	7440-39-3	46	69.3	mg/kg		V
43193	0	2	IN	SS40084AE	BARIUM	7440-39-3	44	88.3	mg/kg		V
43393	4	6	IN	SS40087AE	BARIUM	7440-39-3	10	90.3	mg/kg		V
43493	0	2	IN	SS40086AE	BARIUM	7440-39-3	10	91.1	mg/kg		V
43693	4	6	IN	SS40089AE	BARIUM	7440-39-3	10	58.6	mg/kg		V
43793	0	2	IN	SS40088AE	BARIUM	7440-39-3	47	92.8	mg/kg		V
43893	0	2	IN	SS40010AE	BARIUM	7440-39-3	47	123	mg/kg		V
43993	0	2	IN	SS40091AE	BARIUM	7440-39-3	45	59.9	mg/kg		V
44093	0	2	IN	SS40090AE	BARIUM	7440-39-3	48	196	mg/kg		V
44393	0	2	IN	SS40005AE	BARIUM	7440-39-3	46	71.1	mg/kg		V
44593	0	2	IN	SS40001AE	BARIUM	7440-39-3	44	108	mg/kg		V
44893	0	2	IN	SS40070AE	BARIUM	7440-39-3	58	158	mg/kg		V
45693	0	2	IN	SS40094AE	BARIUM	7440-39-3	10	260	mg/kg		V
45793	0	2	IN	SS40015AE	BARIUM	7440-39-3	10	120	mg/kg		V
46193	0	2	IN	SS40096AE	BARIUM	7440-39-3	10	140	mg/kg		J
46693	4	6	IN	SS40141AE	BARIUM	7440-39-3	40	86.4	mg/kg		V
46793	4	6	IN	SS40142AE	BARIUM	7440-39-3	40	76	mg/kg		V
46893	4	6	IN	SS40143AE	BARIUM	7440-39-3	200	88.5	mg/kg		V
47093	0	1	IN	SS40145AE	BARIUM	7440-39-3	200	72.2	mg/kg		V
48195	0	0	FT	AS00001PE	BARIUM	7440-39-3		50.4	mg/kg	B	Z
48295	0	0	FT	AS00002PE	BARIUM	7440-39-3		41.4	mg/kg	B	Z
48395	0	0	FT	AS00003PE	BARIUM	7440-39-3		56.4	mg/kg	B	Z
SS400293	0	2	IN	SS40018AE	BARIUM	7440-39-3	57	141	mg/kg		V
SS400393	0	2	IN	SS40019AE	BARIUM	7440-39-3	10	129	mg/kg		V
SS400593	0	2	IN	SS40021AE	BARIUM	7440-39-3	10	76.6	mg/kg		V
SS400693	0	2	IN	SS40022AE	BARIUM	7440-39-3	10	70.2	mg/kg		V
SS400793	0	2	IN	SS40023AE	BARIUM	7440-39-3	46.5	238	mg/kg		V
SS400893	0	2	IN	SS40024AE	BARIUM	7440-39-3	52	157	mg/kg		V
SS401193	0	2	IN	SS40027AE	BARIUM	7440-39-3	56	145	mg/kg		V
SS401293	0	2	IN	SS40028AE	BARIUM	7440-39-3	44.8	79.4	mg/kg		V
SS401393	0	2	IN	SS40029AE	BARIUM	7440-39-3	57.8	107	mg/kg		V
SS401593	0	2	IN	SS40031AE	BARIUM	7440-39-3	51.7	121	mg/kg		V
SS401693	0	2	IN	SS40032AE	BARIUM	7440-39-3	42	47.6	mg/kg		V
SS401893	0	2	IN	SS40034AE	BARIUM	7440-39-3	44	44.8	mg/kg		V
SS402393	0	2	IN	SS40039AE	BARIUM	7440-39-3	46	64.9	mg/kg		V
SS402593	0	2	IN	SS40041AE	BARIUM	7440-39-3	54	156	mg/kg		V
SS402793	0	2	IN	SS40043AE	BARIUM	7440-39-3	10	67.3	mg/kg		V
SS402893	0	2	IN	SS40044AE	BARIUM	7440-39-3	10	81.5	mg/kg		V
SS402993	0	2	IN	SS40045AE	BARIUM	7440-39-3	10	142	mg/kg		V
SS403093	0	2	IN	SS40046AE	BARIUM	7440-39-3	10	292	mg/kg		V
SS403193	0	2	IN	SS40047AE	BARIUM	7440-39-3	10	137	mg/kg		V
SS403293	0	2	IN	SS40048AE	BARIUM	7440-39-3	10	91	mg/kg		V
SS403393	0	2	IN	SS40049AE	BARIUM	7440-39-3	10	153	mg/kg		V
SS403493	0	2	IN	SS40050AE	BARIUM	7440-39-3	10	159	mg/kg		V
SS403593	0	2	IN	SS40051AE	BARIUM	7440-39-3	10	107	mg/kg		V
SS403693	0	2	IN	SS40052AE	BARIUM	7440-39-3	10	151	mg/kg		V
SS606292	0	2	IN	SS60062WC	BARIUM	7440-39-3	40	71.8	mg/kg		V
SS620292	0	2	IN	SS60202WC	BARIUM	7440-39-3	40	61.2	mg/kg		V
SS810893	0	3	IN	SSG0102JE	BARIUM	7440-39-3	200	38	mg/kg	B	V
SS811193	0	3	IN	SSG0105JE	BARIUM	7440-39-3	200	20.1	mg/kg	B	V
SS811493	0	3	IN	SSG0108JE	BARIUM	7440-39-3	200	95.1	mg/kg		V
05093	0	2	IN	SS00002AE	BERYLLIUM	7440-41-7	5	4.3	mg/kg		V
05193	0	2	IN	SS00003AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
05393	0	2	IN	SS00005AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
40093	0	2	IN	SS40060AE	BERYLLIUM	7440-41-7	1	1.4	mg/kg	U	V
40293	0	2	IN	SS40042AE	BERYLLIUM	7440-41-7	1	1.4	mg/kg	U	V
40393	0	2	IN	SS40053AE	BERYLLIUM	7440-41-7	1	1.3	mg/kg	U	V
40693	0	2	IN	SS40057AE	BERYLLIUM	7440-41-7	5	1.9	mg/kg	U	V
40793	0	2	IN	SS40058AE	BERYLLIUM	7440-41-7	5	1.7	mg/kg	U	V
40893	0	2	IN	SS40004AE	BERYLLIUM	7440-41-7	1.2	1.2	mg/kg	U	V
40993	0	2	IN	SS40072AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
41193	0	2	IN	SS40007AE	BERYLLIUM	7440-41-7	2	1.8	mg/kg	U	V
41293	0	2	IN	SS40071AE	BERYLLIUM	7440-41-7	5	1.5	mg/kg	U	V
41593	4	6	IN	SS40073AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
41693	0	2	IN	SS40410AE	BERYLLIUM	7440-41-7	1	1.5	mg/kg		V
41793	0	2	IN	SS40077AE	BERYLLIUM	7440-41-7	1	2.1	mg/kg		V

179

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41993	0	2	IN	SS40009AE	BERYLLIUM	7440-41-7	1	1.2	mg/kg	U	V
42093	0	2	IN	SS40480AE	BERYLLIUM	7440-41-7	1	1	mg/kg	U	V
42193	4	6	IN	SS40012AE	BERYLLIUM	7440-41-7	5	1	mg/kg	U	V
42293	0	2	IN	SS40078AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
42393	0	2	IN	SS40079AE	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
42593	4	6	IN	SS40082AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
42693	0	2	IN	SS40080AE	BERYLLIUM	7440-41-7	2	1.6	mg/kg	U	V
42993	0	2	IN	SS40056AE	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
43193	0	2	IN	SS40084AE	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
43393	4	6	IN	SS40087AE	BERYLLIUM	7440-41-7	5	1	mg/kg	U	V
43493	0	2	IN	SS40086AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
43693	4	6	IN	SS40089AE	BERYLLIUM	7440-41-7	5	1	mg/kg	U	V
43793	0	2	IN	SS40088AE	BERYLLIUM	7440-41-7	1	3.6	mg/kg		V
43893	0	2	IN	SS40010AE	BERYLLIUM	7440-41-7	1	2.3	mg/kg		V
43993	0	2	IN	SS40091AE	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
44093	0	2	IN	SS40090AE	BERYLLIUM	7440-41-7	1	1.2	mg/kg	U	V
44393	0	2	IN	SS40005AE	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
44593	0	2	IN	SS40001AE	BERYLLIUM	7440-41-7	1.1	1.1	mg/kg	U	V
44893	0	2	IN	SS40070AE	BERYLLIUM	7440-41-7	1	1.4	mg/kg	U	V
45693	0	2	IN	SS40094AE	BERYLLIUM	7440-41-7	5	1.5	mg/kg	U	V
45793	0	2	IN	SS40015AE	BERYLLIUM	7440-41-7	5	1.4	mg/kg	U	V
46193	0	2	IN	SS40096AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
46693	4	6	IN	SS40141AE	BERYLLIUM	7440-41-7	1	1.8	mg/kg	U	J
46793	4	6	IN	SS40142AE	BERYLLIUM	7440-41-7	1	1.6	mg/kg	U	J
46893	4	6	IN	SS40143AE	BERYLLIUM	7440-41-7	5	0.75	mg/kg	U	J
47093	0	1	IN	SS40145AE	BERYLLIUM	7440-41-7	5	0.76	mg/kg	U	J
48195	0	0	FT	AS00001PE	BERYLLIUM	7440-41-7	0.27	0.33	mg/kg	B	Z
48295	0	0	FT	AS00002PE	BERYLLIUM	7440-41-7	0.27	0.27	mg/kg	U	Z
48395	0	0	FT	AS00003PE	BERYLLIUM	7440-41-7	0.31	0.31	mg/kg	U	Z
SS400293	0	2	IN	SS40018AE	BERYLLIUM	7440-41-7	1.4	1.4	mg/kg	U	V
SS400393	0	2	IN	SS40019AE	BERYLLIUM	7440-41-7	5	3.3	mg/kg		V
SS400593	0	2	IN	SS40021AE	BERYLLIUM	7440-41-7	5	4.6	mg/kg		V
SS400693	0	2	IN	SS40022AE	BERYLLIUM	7440-41-7	5	2.2	mg/kg		V
SS400793	0	2	IN	SS40023AE	BERYLLIUM	7440-41-7	1.2	1.2	mg/kg	U	V
SS400893	0	2	IN	SS40024AE	BERYLLIUM	7440-41-7	1	1.3	mg/kg	U	V
SS401193	0	2	IN	SS40027AE	BERYLLIUM	7440-41-7	1	1.4	mg/kg	U	V
SS401293	0	2	IN	SS40028AE	BERYLLIUM	7440-41-7	1.1	1.1	mg/kg	U	V
SS401393	0	2	IN	SS40029AE	BERYLLIUM	7440-41-7	1.4	1.4	mg/kg	U	V
SS401593	0	2	IN	SS40031AE	BERYLLIUM	7440-41-7	1.3	1.3	mg/kg	U	V
SS401693	0	2	IN	SS40032AE	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
SS401893	0	2	IN	SS40034AE	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
SS402393	0	2	IN	SS40039AE	BERYLLIUM	7440-41-7	1	1.2	mg/kg	U	V
SS402593	0	2	IN	SS40041AE	BERYLLIUM	7440-41-7	1	1.3	mg/kg	U	V
SS402793	0	2	IN	SS40043AE	BERYLLIUM	7440-41-7	5	1.8	mg/kg		V
SS402893	0	2	IN	SS40044AE	BERYLLIUM	7440-41-7	5	9.6	mg/kg		V
SS402993	0	2	IN	SS40045AE	BERYLLIUM	7440-41-7	5	1.8	mg/kg		V
SS403093	0	2	IN	SS40046AE	BERYLLIUM	7440-41-7	5	2.5	mg/kg		V
SS403193	0	2	IN	SS40047AE	BERYLLIUM	7440-41-7	5	1.3	mg/kg	U	V
SS403293	0	2	IN	SS40048AE	BERYLLIUM	7440-41-7	5	1.5	mg/kg	U	V
SS403393	0	2	IN	SS40049AE	BERYLLIUM	7440-41-7	5	1.4	mg/kg	U	V
SS403493	0	2	IN	SS40050AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
SS403593	0	2	IN	SS40051AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
SS403693	0	2	IN	SS40052AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
SS606292	0	2	IN	SS60062WC	BERYLLIUM	7440-41-7	1	0.25	mg/kg	U	J
SS620292	0	2	IN	SS60202WC	BERYLLIUM	7440-41-7	1	0.58	mg/kg	U	J
SS810893	0	3	IN	SSG0102JE	BERYLLIUM	7440-41-7	5	0.26	mg/kg	U	J
SS811193	0	3	IN	SSG0105JE	BERYLLIUM	7440-41-7	5	0.17	mg/kg	U	J
SS811493	0	3	IN	SSG0108JE	BERYLLIUM	7440-41-7	5	0.83	mg/kg	B	V
05093	0	2	IN	SS00002AE	CADMIUM	7440-43-9	5	41.8	mg/kg		J
05193	0	2	IN	SS00003AE	CADMIUM	7440-43-9	5	1.7	mg/kg		V
05393	0	2	IN	SS00005AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	J
40093	0	2	IN	SS40060AE	CADMIUM	7440-43-9	1	1.4	mg/kg	UN	V
40293	0	2	IN	SS40042AE	CADMIUM	7440-43-9	1	1.4	mg/kg	U	V
40393	0	2	IN	SS40053AE	CADMIUM	7440-43-9	1	1.3	mg/kg	U	V
40693	0	2	IN	SS40057AE	CADMIUM	7440-43-9	5	1.9	mg/kg	U	V
40793	0	2	IN	SS40058AE	CADMIUM	7440-43-9	5	1.7	mg/kg	U	V
40893	0	2	IN	SS40004AE	CADMIUM	7440-43-9	1.2	3.1	mg/kg		J
40993	0	2	IN	SS40072AE	CADMIUM	7440-43-9	5	3.2	mg/kg		V
41193	0	2	IN	SS40007AE	CADMIUM	7440-43-9	2	8	mg/kg		V
41293	0	2	IN	SS40071AE	CADMIUM	7440-43-9	5	4.3	mg/kg		V
41593	4	6	IN	SS40073AE	CADMIUM	7440-43-9	5	6.8	mg/kg		V
41693	0	2	IN	SS40410AE	CADMIUM	7440-43-9	1	14.3	mg/kg	N	J
41793	0	2	IN	SS40077AE	CADMIUM	7440-43-9	1	30.1	mg/kg		V
41993	0	2	IN	SS40009AE	CADMIUM	7440-43-9	1	1.8	mg/kg	N	J
42093	0	2	IN	SS40480AE	CADMIUM	7440-43-9	1	1.5	mg/kg	N	J

180

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42193	4	6	IN	SS40012AE	CADMIUM	7440-43-9	5	3.5	mg/kg		V
42293	0	2	IN	SS40078AE	CADMIUM	7440-43-9	5	1.9	mg/kg		V
42393	0	2	IN	SS40079AE	CADMIUM	7440-43-9	1	1.1	mg/kg	U	V
42593	4	6	IN	SS40082AE	CADMIUM	7440-43-9	5	6	mg/kg		V
42693	0	2	IN	SS40080AE	CADMIUM	7440-43-9	2	1.6	mg/kg	U	V
42993	0	2	IN	SS40056AE	CADMIUM	7440-43-9	1	1.7	mg/kg		V
43193	0	2	IN	SS40084AE	CADMIUM	7440-43-9	1	5.6	mg/kg		V
43393	4	6	IN	SS40087AE	CADMIUM	7440-43-9	5	1.8	mg/kg		V
43493	0	2	IN	SS40086AE	CADMIUM	7440-43-9	5	3.7	mg/kg		V
43693	4	6	IN	SS40089AE	CADMIUM	7440-43-9	5	5.4	mg/kg		V
43793	0	2	IN	SS40088AE	CADMIUM	7440-43-9	1	42.2	mg/kg	N	J
43893	0	2	IN	SS40010AE	CADMIUM	7440-43-9	1	58.3	mg/kg		V
43993	0	2	IN	SS40091AE	CADMIUM	7440-43-9	1	1.1	mg/kg	U	V
44093	0	2	IN	SS40090AE	CADMIUM	7440-43-9	1	1.2	mg/kg	U	V
44393	0	2	IN	SS40005AE	CADMIUM	7440-43-9	1	1.9	mg/kg		V
44593	0	2	IN	SS40001AE	CADMIUM	7440-43-9	1.1	1.1	mg/kg	U	J
44893	0	2	IN	SS40070AE	CADMIUM	7440-43-9	1	1.6	mg/kg	N	J
45693	0	2	IN	SS40094AE	CADMIUM	7440-43-9	5	1.5	mg/kg	U	V
45793	0	2	IN	SS40015AE	CADMIUM	7440-43-9	5	1.9	mg/kg		V
46193	0	2	IN	SS40096AE	CADMIUM	7440-43-9	5	6.4	mg/kg		V
46693	4	6	IN	SS40141AE	CADMIUM	7440-43-9	1	23.7	mg/kg		J
46793	4	6	IN	SS40142AE	CADMIUM	7440-43-9	1	24.4	mg/kg		J
46893	4	6	IN	SS40143AE	CADMIUM	7440-43-9	5	0.66	mg/kg	U	V
47093	0	1	IN	SS40145AE	CADMIUM	7440-43-9	5	0.64	mg/kg	U	V
48195	0	0	FT	AS00001PE	CADMIUM	7440-43-9	0.81	0.81	mg/kg	U	Z
48295	0	0	FT	AS00002PE	CADMIUM	7440-43-9	0.8	0.8	mg/kg	U	Z
48395	0	0	FT	AS00003PE	CADMIUM	7440-43-9	0.93	0.93	mg/kg	U	Z
SS400293	0	2	IN	SS40018AE	CADMIUM	7440-43-9	1.4	12.5	mg/kg		V
SS400393	0	2	IN	SS40019AE	CADMIUM	7440-43-9	5	23.9	mg/kg		V
SS400593	0	2	IN	SS40021AE	CADMIUM	7440-43-9	5	133	mg/kg		V
SS400693	0	2	IN	SS40022AE	CADMIUM	7440-43-9	5	17.3	mg/kg		V
SS400793	0	2	IN	SS40023AE	CADMIUM	7440-43-9	1.2	1.2	mg/kg	U	J
SS400893	0	2	IN	SS40024AE	CADMIUM	7440-43-9	1	1.3	mg/kg	UN	V
SS401193	0	2	IN	SS40027AE	CADMIUM	7440-43-9	1	1.4	mg/kg	UN	V
SS401293	0	2	IN	SS40028AE	CADMIUM	7440-43-9	1.1	1.1	mg/kg	U	J
SS401393	0	2	IN	SS40029AE	CADMIUM	7440-43-9	1.4	2.1	mg/kg		J
SS401593	0	2	IN	SS40031AE	CADMIUM	7440-43-9	1.3	1.5	mg/kg		J
SS401693	0	2	IN	SS40032AE	CADMIUM	7440-43-9	1	1.1	mg/kg	UN	V
SS401893	0	2	IN	SS40034AE	CADMIUM	7440-43-9	1	6.1	mg/kg	N	J
SS402393	0	2	IN	SS40039AE	CADMIUM	7440-43-9	1	1.2	mg/kg	UN	V
SS402593	0	2	IN	SS40041AE	CADMIUM	7440-43-9	1	1.3	mg/kg	UN	V
SS402793	0	2	IN	SS40043AE	CADMIUM	7440-43-9	5	356	mg/kg		V
SS402893	0	2	IN	SS40044AE	CADMIUM	7440-43-9	5	194	mg/kg		V
SS402993	0	2	IN	SS40045AE	CADMIUM	7440-43-9	5	14.6	mg/kg		V
SS403093	0	2	IN	SS40046AE	CADMIUM	7440-43-9	5	382	mg/kg		V
SS403193	0	2	IN	SS40047AE	CADMIUM	7440-43-9	5	1.9	mg/kg		J
SS403293	0	2	IN	SS40048AE	CADMIUM	7440-43-9	5	2.5	mg/kg		J
SS403393	0	2	IN	SS40049AE	CADMIUM	7440-43-9	5	1.4	mg/kg	U	V
SS403493	0	2	IN	SS40050AE	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
SS403593	0	2	IN	SS40051AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
SS403693	0	2	IN	SS40052AE	CADMIUM	7440-43-9	5	1.3	mg/kg		J
SS606292	0	2	IN	SS60062WC	CADMIUM	7440-43-9	1	1.3	mg/kg		J
SS620292	0	2	IN	SS60202WC	CADMIUM	7440-43-9	1	0.7	mg/kg	U	V
SS810893	0	3	IN	SSG0102JE	CADMIUM	7440-43-9	5	0.27	mg/kg	U	V
SS811193	0	3	IN	SSG0105JE	CADMIUM	7440-43-9	5	0.27	mg/kg	U	V
SS811493	0	3	IN	SSG0108JE	CADMIUM	7440-43-9	5	0.45	mg/kg	B	V
05093	0	2	IN	SS00002AE	CALCIUM	7440-70-2	1000	28600	mg/kg		V
05193	0	2	IN	SS00003AE	CALCIUM	7440-70-2	1000	77500	mg/kg	*	J
05393	0	2	IN	SS00005AE	CALCIUM	7440-70-2	1000	218	mg/kg	U	V
40093	0	2	IN	SS40060AE	CALCIUM	7440-70-2	1372	5730	mg/kg		V
40293	0	2	IN	SS40042AE	CALCIUM	7440-70-2	2829	4530	mg/kg		V
40393	0	2	IN	SS40053AE	CALCIUM	7440-70-2	1295	9760	mg/kg		V
40693	0	2	IN	SS40057AE	CALCIUM	7440-70-2	1000	39400	mg/kg		V
40793	0	2	IN	SS40058AE	CALCIUM	7440-70-2	1000	20400	mg/kg		V
40893	0	2	IN	SS40004AE	CALCIUM	7440-70-2	2415.5	29700	mg/kg		V
40993	0	2	IN	SS40072AE	CALCIUM	7440-70-2	1000	13000	mg/kg		V
41193	0	2	IN	SS40007AE	CALCIUM	7440-70-2	1802	44100	mg/kg		V
41293	0	2	IN	SS40071AE	CALCIUM	7440-70-2	1000	22800	mg/kg		V
41593	4	6	IN	SS40073AE	CALCIUM	7440-70-2	1000	1280	mg/kg	*	J
41693	0	2	IN	SS40410AE	CALCIUM	7440-70-2	1337	11300	mg/kg	E	J
41793	0	2	IN	SS40077AE	CALCIUM	7440-70-2	1138	30000	mg/kg		V
41993	0	2	IN	SS40009AE	CALCIUM	7440-70-2	1192	6980	mg/kg		V
42093	0	2	IN	SS40480AE	CALCIUM	7440-70-2	1030	2360	mg/kg		V
42193	4	6	IN	SS40012AE	CALCIUM	7440-70-2	1000	571	mg/kg	B	V
42293	0	2	IN	SS40078AE	CALCIUM	7440-70-2	1000	56500	mg/kg	*	J

181

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42393	0	2	IN	SS40079AE	CALCIUM	7440-70-2	2141	6990	mg/kg		V
42593	4	6	IN	SS40082AE	CALCIUM	7440-70-2	1000	1330	mg/kg		V
42693	0	2	IN	SS40080AE	CALCIUM	7440-70-2	1550	4630	mg/kg		V
42993	0	2	IN	SS40056AE	CALCIUM	7440-70-2	2281	7430	mg/kg		V
43193	0	2	IN	SS40084AE	CALCIUM	7440-70-2	1101	39500	mg/kg		V
43393	4	6	IN	SS40087AE	CALCIUM	7440-70-2	1000	1170	mg/kg		V
43493	0	2	IN	SS40086AE	CALCIUM	7440-70-2	1000	79400	mg/kg	*	J
43693	4	6	IN	SS40089AE	CALCIUM	7440-70-2	1000	527	mg/kg	B	V
43793	0	2	IN	SS40088AE	CALCIUM	7440-70-2	1167	13500	mg/kg	E	J
43893	0	2	IN	SS40010AE	CALCIUM	7440-70-2	1182	69600	mg/kg		V
43993	0	2	IN	SS40091AE	CALCIUM	7440-70-2	1130	15100	mg/kg		V
44093	0	2	IN	SS40090AE	CALCIUM	7440-70-2	1192	72500	mg/kg		V
44393	0	2	IN	SS40005AE	CALCIUM	7440-70-2	2294	29800	mg/kg		V
44593	0	2	IN	SS40001AE	CALCIUM	7440-70-2	2199.5	21100	mg/kg		V
44893	0	2	IN	SS40070AE	CALCIUM	7440-70-2	1449	5560	mg/kg		V
45693	0	2	IN	SS40094AE	CALCIUM	7440-70-2	1000	40700	mg/kg		V
45793	0	2	IN	SS40015AE	CALCIUM	7440-70-2	1000	16000	mg/kg		V
46193	0	2	IN	SS40096AE	CALCIUM	7440-70-2	1000	32100	mg/kg		V
46693	4	6	IN	SS40141AE	CALCIUM	7440-70-2	1000	984	mg/kg	B	V
46793	4	6	IN	SS40142AE	CALCIUM	7440-70-2	1000	918	mg/kg	B	V
46893	4	6	IN	SS40143AE	CALCIUM	7440-70-2	5000	8320	mg/kg	*	J
47093	0	1	IN	SS40145AE	CALCIUM	7440-70-2	5000	14700	mg/kg	*	J
48195	0	0	FT	AS00001PE	CALCIUM	7440-70-2		2640	mg/kg		Z
48295	0	0	FT	AS00002PE	CALCIUM	7440-70-2		2150	mg/kg		Z
48395	0	0	FT	AS00003PE	CALCIUM	7440-70-2		2200	mg/kg		Z
SS400293	0	2	IN	SS40018AE	CALCIUM	7440-70-2	2848.6	11600	mg/kg		V
SS400393	0	2	IN	SS40019AE	CALCIUM	7440-70-2	1000	19300	mg/kg		V
SS400593	0	2	IN	SS40021AE	CALCIUM	7440-70-2	1000	3090	mg/kg		V
SS400693	0	2	IN	SS40022AE	CALCIUM	7440-70-2	1000	9250	mg/kg		V
SS400793	0	2	IN	SS40023AE	CALCIUM	7440-70-2	2325.3	68400	mg/kg		V
SS400893	0	2	IN	SS40024AE	CALCIUM	7440-70-2	1305	7860	mg/kg	*	J
SS401193	0	2	IN	SS40027AE	CALCIUM	7440-70-2	1408	5430	mg/kg	*	J
SS401293	0	2	IN	SS40028AE	CALCIUM	7440-70-2	2240.1	10800	mg/kg		V
SS401393	0	2	IN	SS40029AE	CALCIUM	7440-70-2	2890.6	24200	mg/kg		V
SS401593	0	2	IN	SS40031AE	CALCIUM	7440-70-2	2587.3	24300	mg/kg		V
SS401693	0	2	IN	SS40032AE	CALCIUM	7440-70-2	1062	2810	mg/kg	*	J
SS401893	0	2	IN	SS40034AE	CALCIUM	7440-70-2	1101	3450	mg/kg	*	J
SS402393	0	2	IN	SS40039AE	CALCIUM	7440-70-2	1157	8200	mg/kg	*	J
SS402593	0	2	IN	SS40041AE	CALCIUM	7440-70-2	1342	6100	mg/kg	*	J
SS402793	0	2	IN	SS40043AE	CALCIUM	7440-70-2	1000	7620	mg/kg		V
SS402893	0	2	IN	SS40044AE	CALCIUM	7440-70-2	1000	5650	mg/kg		V
SS402993	0	2	IN	SS40045AE	CALCIUM	7440-70-2	1000	63200	mg/kg		V
SS403093	0	2	IN	SS40046AE	CALCIUM	7440-70-2	1000	248000	mg/kg		V
SS403193	0	2	IN	SS40047AE	CALCIUM	7440-70-2	1000	18100	mg/kg		V
SS403293	0	2	IN	SS40048AE	CALCIUM	7440-70-2	1000	55500	mg/kg		V
SS403393	0	2	IN	SS40049AE	CALCIUM	7440-70-2	1000	31500	mg/kg		V
SS403493	0	2	IN	SS40050AE	CALCIUM	7440-70-2	1000	7800	mg/kg		V
SS403593	0	2	IN	SS40051AE	CALCIUM	7440-70-2	1000	7490	mg/kg		V
SS403693	0	2	IN	SS40052AE	CALCIUM	7440-70-2	1000	5900	mg/kg		V
SS606292	0	2	IN	SS60062WC	CALCIUM	7440-70-2	1000	7580	mg/kg		V
SS620292	0	2	IN	SS60202WC	CALCIUM	7440-70-2	1000	8690	mg/kg		V
SS810893	0	3	IN	SSG0102JE	CALCIUM	7440-70-2	5000	4450	mg/kg		V
SS811193	0	3	IN	SSG0105JE	CALCIUM	7440-70-2	5000	1980	mg/kg		V
SS811493	0	3	IN	SSG0108JE	CALCIUM	7440-70-2	5000	11700	mg/kg		V
05093	0	2	IN	SS00002AE	CESIUM	7440-46-2	500	108	mg/kg	U	J
05193	0	2	IN	SS00003AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
05393	0	2	IN	SS00005AE	CESIUM	7440-46-2	500	109	mg/kg	U	J
40093	0	2	IN	SS40060AE	CESIUM	7440-46-2	274	137	mg/kg	U	J
40293	0	2	IN	SS40042AE	CESIUM	7440-46-2	283	141	mg/kg	U	J
40393	0	2	IN	SS40053AE	CESIUM	7440-46-2	259	130	mg/kg	U	J
40693	0	2	IN	SS40057AE	CESIUM	7440-46-2	500	190	mg/kg	UN	J
40793	0	2	IN	SS40058AE	CESIUM	7440-46-2	500	170	mg/kg	UN	J
40893	0	2	IN	SS40004AE	CESIUM	7440-46-2	241.5	121	mg/kg	U	J
40993	0	2	IN	SS40072AE	CESIUM	7440-46-2	500	120	mg/kg	UN	J
41193	0	2	IN	SS40007AE	CESIUM	7440-46-2	360	180	mg/kg	U	J
41293	0	2	IN	SS40071AE	CESIUM	7440-46-2	500	150	mg/kg	UN	J
41593	4	6	IN	SS40073AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
41693	0	2	IN	SS40410AE	CESIUM	7440-46-2	267	134	mg/kg	U	J
41793	0	2	IN	SS40077AE	CESIUM	7440-46-2	228	114	mg/kg	U	J
41993	0	2	IN	SS40009AE	CESIUM	7440-46-2	238	119	mg/kg	U	J
42093	0	2	IN	SS40480AE	CESIUM	7440-46-2	206	103	mg/kg	U	J
42193	4	6	IN	SS40012AE	CESIUM	7440-46-2	500	100	mg/kg	UN	J
42293	0	2	IN	SS40078AE	CESIUM	7440-46-2	500	120	mg/kg	UN	J
42393	0	2	IN	SS40079AE	CESIUM	7440-46-2	214	107	mg/kg	U	J
42593	4	6	IN	SS40082AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J

182

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42693	0	2	IN	SS40080AE	CESIUM	7440-46-2	310	155	mg/kg	U	J
42993	0	2	IN	SS40056AE	CESIUM	7440-46-2	228	114	mg/kg	U	J
43193	0	2	IN	SS40084AE	CESIUM	7440-46-2	220	110	mg/kg	U	J
43393	4	6	IN	SS40087AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
43493	0	2	IN	SS40086AE	CESIUM	7440-46-2	500	120	mg/kg	UN	J
43693	4	6	IN	SS40089AE	CESIUM	7440-46-2	500	100	mg/kg	UN	J
43793	0	2	IN	SS40088AE	CESIUM	7440-46-2	233	114	mg/kg	U	J
43893	0	2	IN	SS40010AE	CESIUM	7440-46-2	236	118	mg/kg	U	J
43993	0	2	IN	SS40091AE	CESIUM	7440-46-2	226	113	mg/kg	U	J
44093	0	2	IN	SS40090AE	CESIUM	7440-46-2	238	119	mg/kg	U	J
44393	0	2	IN	SS40005AE	CESIUM	7440-46-2	229	115	mg/kg	U	J
44593	0	2	IN	SS40001AE	CESIUM	7440-46-2	219.9	110	mg/kg	U	J
44893	0	2	IN	SS40070AE	CESIUM	7440-46-2	290	145	mg/kg	U	J
45693	0	2	IN	SS40094AE	CESIUM	7440-46-2	500	150	mg/kg	UN	J
45793	0	2	IN	SS40015AE	CESIUM	7440-46-2	500	140	mg/kg	UN	J
46193	0	2	IN	SS40096AE	CESIUM	7440-46-2	500	123	mg/kg	U	J
46693	4	6	IN	SS40141AE	CESIUM	7440-46-2	200	11	mg/kg	U	J
46793	4	6	IN	SS40142AE	CESIUM	7440-46-2	200	11.1	mg/kg	U	J
46893	4	6	IN	SS40143AE	CESIUM	7440-46-2	1000	13.8	mg/kg	U	J
47093	0	1	IN	SS40145AE	CESIUM	7440-46-2	1000	13.4	mg/kg	U	J
48195	0	0	FT	AS00001PE	CESIUM	7440-46-2	13.5	13.5	mg/kg	U	Z
48295	0	0	FT	AS00002PE	CESIUM	7440-46-2	13.2	13.2	mg/kg	U	Z
48395	0	0	FT	AS00003PE	CESIUM	7440-46-2	15.4	15.4	mg/kg	U	Z
SS400293	0	2	IN	SS40018AE	CESIUM	7440-46-2	284.9	142	mg/kg	U	J
SS400393	0	2	IN	SS40019AE	CESIUM	7440-46-2	500	106	mg/kg	U	J
SS400593	0	2	IN	SS40021AE	CESIUM	7440-46-2	500	102	mg/kg	U	J
SS400693	0	2	IN	SS40022AE	CESIUM	7440-46-2	500	107	mg/kg	U	J
SS400793	0	2	IN	SS40023AE	CESIUM	7440-46-2	232.5	116	mg/kg	U	J
SS400893	0	2	IN	SS40024AE	CESIUM	7440-46-2	261	131	mg/kg	U	J
SS401193	0	2	IN	SS40027AE	CESIUM	7440-46-2	282	141	mg/kg	U	J
SS401293	0	2	IN	SS40028AE	CESIUM	7440-46-2	224	112	mg/kg	U	J
SS401393	0	2	IN	SS40029AE	CESIUM	7440-46-2	289.1	145	mg/kg	U	J
SS401593	0	2	IN	SS40031AE	CESIUM	7440-46-2	258.7	129	mg/kg	U	J
SS401693	0	2	IN	SS40032AE	CESIUM	7440-46-2	212	106	mg/kg	U	J
SS401893	0	2	IN	SS40034AE	CESIUM	7440-46-2	220	110	mg/kg	U	J
SS402393	0	2	IN	SS40039AE	CESIUM	7440-46-2	231	116	mg/kg	U	J
SS402593	0	2	IN	SS40041AE	CESIUM	7440-46-2	268	134	mg/kg	U	J
SS402793	0	2	IN	SS40043AE	CESIUM	7440-46-2	500	106	mg/kg	U	J
SS402893	0	2	IN	SS40044AE	CESIUM	7440-46-2	500	104	mg/kg	U	J
SS402993	0	2	IN	SS40045AE	CESIUM	7440-46-2	500	106	mg/kg	U	J
SS403093	0	2	IN	SS40046AE	CESIUM	7440-46-2	500	247	mg/kg	U	J
SS403193	0	2	IN	SS40047AE	CESIUM	7440-46-2	500	133	mg/kg	U	J
SS403293	0	2	IN	SS40048AE	CESIUM	7440-46-2	500	155	mg/kg	U	J
SS403393	0	2	IN	SS40049AE	CESIUM	7440-46-2	500	145	mg/kg	U	J
SS403493	0	2	IN	SS40050AE	CESIUM	7440-46-2	500	120	mg/kg	U	J
SS403593	0	2	IN	SS40051AE	CESIUM	7440-46-2	500	114	mg/kg	U	J
SS403693	0	2	IN	SS40052AE	CESIUM	7440-46-2	500	122	mg/kg	U	J
SS606292	0	2	IN	SS60062WC	CESIUM	7440-46-2	200	1.9	mg/kg	B	J
SS810893	0	3	IN	SSG0102JE	CESIUM	7440-46-2	1000	2.5	mg/kg	U	V
SS811193	0	3	IN	SSG0105JE	CESIUM	7440-46-2	1000	5.8	mg/kg	B	V
SS811493	0	3	IN	SSG0108JE	CESIUM	7440-46-2	1000	2.8	mg/kg	U	V
05093	0	2	IN	SS00002AE	CHROMIUM	7440-47-3	10	96.1	mg/kg		J
05193	0	2	IN	SS00003AE	CHROMIUM	7440-47-3	10	12.1	mg/kg	N	J
05393	0	2	IN	SS00005AE	CHROMIUM	7440-47-3	10	2.2	mg/kg	U	J
40093	0	2	IN	SS40060AE	CHROMIUM	7440-47-3	3	10.8	mg/kg		V
40293	0	2	IN	SS40042AE	CHROMIUM	7440-47-3	3	11.8	mg/kg		V
40393	0	2	IN	SS40053AE	CHROMIUM	7440-47-3	3	18.7	mg/kg	*	V
40693	0	2	IN	SS40057AE	CHROMIUM	7440-47-3	10	10.8	mg/kg		V
40793	0	2	IN	SS40058AE	CHROMIUM	7440-47-3	10	11.5	mg/kg		V
40893	0	2	IN	SS40004AE	CHROMIUM	7440-47-3	2.4	18.6	mg/kg		V
40993	0	2	IN	SS40072AE	CHROMIUM	7440-47-3	10	16.5	mg/kg		V
41193	0	2	IN	SS40007AE	CHROMIUM	7440-47-3	4	10.7	mg/kg	*	V
41293	0	2	IN	SS40071AE	CHROMIUM	7440-47-3	10	18.9	mg/kg		V
41593	4	6	IN	SS40073AE	CHROMIUM	7440-47-3	10	120	mg/kg	N	J
41693	0	2	IN	SS40410AE	CHROMIUM	7440-47-3	3	26	mg/kg	N	J
41793	0	2	IN	SS40077AE	CHROMIUM	7440-47-3	2	37.1	mg/kg	*	V
41993	0	2	IN	SS40009AE	CHROMIUM	7440-47-3	2	10.3	mg/kg		V
42093	0	2	IN	SS40480AE	CHROMIUM	7440-47-3	2	7.5	mg/kg		V
42193	4	6	IN	SS40012AE	CHROMIUM	7440-47-3	10	17.5	mg/kg		V
42293	0	2	IN	SS40078AE	CHROMIUM	7440-47-3	10	21.2	mg/kg	N	J
42393	0	2	IN	SS40079AE	CHROMIUM	7440-47-3	2	10.4	mg/kg		V
42593	4	6	IN	SS40082AE	CHROMIUM	7440-47-3	10	20.1	mg/kg		V
42693	0	2	IN	SS40080AE	CHROMIUM	7440-47-3	3	10.2	mg/kg	*	V
42993	0	2	IN	SS40056AE	CHROMIUM	7440-47-3	2	24.2	mg/kg		V
43193	0	2	IN	SS40084AE	CHROMIUM	7440-47-3	2	11.6	mg/kg	*	V

183

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43393	4	6	IN	SS40087AE	CHROMIUM	7440-47-3	10	32	mg/kg		V
43493	0	2	IN	SS40086AE	CHROMIUM	7440-47-3	10	13.2	mg/kg	N	J
43693	4	6	IN	SS40089AE	CHROMIUM	7440-47-3	10	50.2	mg/kg		V
43793	0	2	IN	SS40088AE	CHROMIUM	7440-47-3	2	26.1	mg/kg	N	J
43893	0	2	IN	SS40010AE	CHROMIUM	7440-47-3	2	21.2	mg/kg	*	V
43993	0	2	IN	SS40091AE	CHROMIUM	7440-47-3	2	4.2	mg/kg	*	V
44093	0	2	IN	SS40090AE	CHROMIUM	7440-47-3	2	9.1	mg/kg	*	V
44393	0	2	IN	SS40005AE	CHROMIUM	7440-47-3	2	14.1	mg/kg		V
44593	0	2	IN	SS40001AE	CHROMIUM	7440-47-3	2.2	16.6	mg/kg		V
44893	0	2	IN	SS40070AE	CHROMIUM	7440-47-3	3	16.1	mg/kg		V
45693	0	2	IN	SS40094AE	CHROMIUM	7440-47-3	10	12.4	mg/kg		V
45793	0	2	IN	SS40015AE	CHROMIUM	7440-47-3	10	18.7	mg/kg		V
46193	0	2	IN	SS40096AE	CHROMIUM	7440-47-3	10	14.6	mg/kg		V
46693	4	6	IN	SS40141AE	CHROMIUM	7440-47-3	2	51.3	mg/kg		V
46793	4	6	IN	SS40142AE	CHROMIUM	7440-47-3	2	28.1	mg/kg		V
46893	4	6	IN	SS40143AE	CHROMIUM	7440-47-3	10	11.5	mg/kg		V
47093	0	1	IN	SS40145AE	CHROMIUM	7440-47-3	10	11.7	mg/kg		V
48195	0	0	FT	AS00001PE	CHROMIUM	7440-47-3		15.7	mg/kg		Z
48295	0	0	FT	AS00002PE	CHROMIUM	7440-47-3		13	mg/kg		Z
48395	0	0	FT	AS00003PE	CHROMIUM	7440-47-3		20.6	mg/kg		Z
SS400293	0	2	IN	SS40018AE	CHROMIUM	7440-47-3	2.8	25.6	mg/kg		V
SS400393	0	2	IN	SS40019AE	CHROMIUM	7440-47-3	10	25.5	mg/kg		V
SS400593	0	2	IN	SS40021AE	CHROMIUM	7440-47-3	10	35.6	mg/kg		V
SS400693	0	2	IN	SS40022AE	CHROMIUM	7440-47-3	10	18.9	mg/kg		V
SS400793	0	2	IN	SS40023AE	CHROMIUM	7440-47-3	2.3	17.7	mg/kg		V
SS400893	0	2	IN	SS40024AE	CHROMIUM	7440-47-3	3	12.2	mg/kg		V
SS401193	0	2	IN	SS40027AE	CHROMIUM	7440-47-3	3	12.4	mg/kg		V
SS401293	0	2	IN	SS40028AE	CHROMIUM	7440-47-3	2.2	9.6	mg/kg		V
SS401393	0	2	IN	SS40029AE	CHROMIUM	7440-47-3	2.9	12.3	mg/kg		V
SS401593	0	2	IN	SS40031AE	CHROMIUM	7440-47-3	2.6	13.6	mg/kg		V
SS401693	0	2	IN	SS40032AE	CHROMIUM	7440-47-3	2	7.7	mg/kg		V
SS401893	0	2	IN	SS40034AE	CHROMIUM	7440-47-3	2	46.8	mg/kg		V
SS402393	0	2	IN	SS40039AE	CHROMIUM	7440-47-3	2	5.8	mg/kg		V
SS402593	0	2	IN	SS40041AE	CHROMIUM	7440-47-3	3	9.7	mg/kg		V
SS402793	0	2	IN	SS40043AE	CHROMIUM	7440-47-3	10	17.1	mg/kg		V
SS402893	0	2	IN	SS40044AE	CHROMIUM	7440-47-3	10	48.4	mg/kg		V
SS402993	0	2	IN	SS40045AE	CHROMIUM	7440-47-3	10	19.7	mg/kg		V
SS403093	0	2	IN	SS40046AE	CHROMIUM	7440-47-3	10	48.2	mg/kg		V
SS403193	0	2	IN	SS40047AE	CHROMIUM	7440-47-3	10	23.1	mg/kg		V
SS403293	0	2	IN	SS40048AE	CHROMIUM	7440-47-3	10	17.9	mg/kg		V
SS403393	0	2	IN	SS40049AE	CHROMIUM	7440-47-3	10	22.6	mg/kg		V
SS403493	0	2	IN	SS40050AE	CHROMIUM	7440-47-3	10	12.5	mg/kg		V
SS403593	0	2	IN	SS40051AE	CHROMIUM	7440-47-3	10	9.5	mg/kg		V
SS403693	0	2	IN	SS40052AE	CHROMIUM	7440-47-3	10	13.1	mg/kg		V
SS606292	0	2	IN	SS60062WC	CHROMIUM	7440-47-3	2	5	mg/kg		J
SS620292	0	2	IN	SS60202WC	CHROMIUM	7440-47-3	2	0.94	mg/kg	U	J
SS810893	0	3	IN	SSG0102JE	CHROMIUM	7440-47-3	10	5.4	mg/kg		J
SS811193	0	3	IN	SSG0105JE	CHROMIUM	7440-47-3	10	15	mg/kg		V
SS811493	0	3	IN	SSG0108JE	CHROMIUM	7440-47-3	10	10.4	mg/kg		V
05093	0	2	IN	SS00002AE	COBALT	7440-48-4	10	7.1	mg/kg	B	V
05193	0	2	IN	SS00003AE	COBALT	7440-48-4	10	6.1	mg/kg	B	V
05393	0	2	IN	SS00005AE	COBALT	7440-48-4	10	2.2	mg/kg	U	V
40093	0	2	IN	SS40060AE	COBALT	7440-48-4	14	7.7	mg/kg	B	V
40293	0	2	IN	SS40042AE	COBALT	7440-48-4	14	9	mg/kg	B	V
40393	0	2	IN	SS40053AE	COBALT	7440-48-4	13	9.4	mg/kg	B	V
40693	0	2	IN	SS40057AE	COBALT	7440-48-4	10	4.6	mg/kg	B	V
40793	0	2	IN	SS40058AE	COBALT	7440-48-4	10	5.3	mg/kg	B	V
40893	0	2	IN	SS40004AE	COBALT	7440-48-4	12.1	7.1	mg/kg	B	V
40993	0	2	IN	SS40072AE	COBALT	7440-48-4	10	6	mg/kg	B	V
41193	0	2	IN	SS40007AE	COBALT	7440-48-4	18	8.6	mg/kg	B	V
41293	0	2	IN	SS40071AE	COBALT	7440-48-4	10	5.8	mg/kg	B	V
41593	4	6	IN	SS40073AE	COBALT	7440-48-4	10	5.8	mg/kg	B	V
41693	0	2	IN	SS40410AE	COBALT	7440-48-4	13	10.6	mg/kg	B	V
41793	0	2	IN	SS40077AE	COBALT	7440-48-4	11	5.9	mg/kg	B	V
41993	0	2	IN	SS40009AE	COBALT	7440-48-4	12	4.3	mg/kg	B	V
42093	0	2	IN	SS40480AE	COBALT	7440-48-4	10	2.1	mg/kg	U	V
42193	4	6	IN	SS40012AE	COBALT	7440-48-4	10	4.2	mg/kg	B	V
42293	0	2	IN	SS40078AE	COBALT	7440-48-4	10	8.8	mg/kg	B	V
42393	0	2	IN	SS40079AE	COBALT	7440-48-4	11	5.9	mg/kg	B	V
42593	4	6	IN	SS40082AE	COBALT	7440-48-4	10	4.7	mg/kg	B	V
42693	0	2	IN	SS40080AE	COBALT	7440-48-4	16	7	mg/kg	B	V
42993	0	2	IN	SS40056AE	COBALT	7440-48-4	11	2.3	mg/kg	U	V
43193	0	2	IN	SS40084AE	COBALT	7440-48-4	11	5.2	mg/kg	B	V
43393	4	6	IN	SS40087AE	COBALT	7440-48-4	10	5.1	mg/kg	B	V
43493	0	2	IN	SS40086AE	COBALT	7440-48-4	10	4.4	mg/kg	B	V

184

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43693	4	6	IN	SS40089AE	COBALT	7440-48-4	10	4.7	mg/kg	B	V
43793	0	2	IN	SS40088AE	COBALT	7440-48-4	12	3.7	mg/kg	B	V
43893	0	2	IN	SS40010AE	COBALT	7440-48-4	12	9.1	mg/kg	B	V
43993	0	2	IN	SS40091AE	COBALT	7440-48-4	11	2.7	mg/kg	B	V
44093	0	2	IN	SS40090AE	COBALT	7440-48-4	12	7.9	mg/kg	B	V
44393	0	2	IN	SS40005AE	COBALT	7440-48-4	11	3.5	mg/kg	B	V
44593	0	2	IN	SS40001AE	COBALT	7440-48-4	11	9.4	mg/kg	B	V
44893	0	2	IN	SS40070AE	COBALT	7440-48-4	14	6.9	mg/kg	B	V
45693	0	2	IN	SS40094AE	COBALT	7440-48-4	10	6	mg/kg	B	V
45793	0	2	IN	SS40015AE	COBALT	7440-48-4	10	8.5	mg/kg	B	V
46193	0	2	IN	SS40096AE	COBALT	7440-48-4	10	7.7	mg/kg	B	V
46693	4	6	IN	SS40141AE	COBALT	7440-48-4	10	3.4	mg/kg	B	V
46793	4	6	IN	SS40142AE	COBALT	7440-48-4	10	4.7	mg/kg	B	V
46893	4	6	IN	SS40143AE	COBALT	7440-48-4	50	6.4	mg/kg	B	V
47093	0	1	IN	SS40145AE	COBALT	7440-48-4	50	8.8	mg/kg	B	V
48195	0	0	FT	AS00001PE	COBALT	7440-48-4		4.3	mg/kg	B	Z
48295	0	0	FT	AS00002PE	COBALT	7440-48-4		4	mg/kg	B	Z
48395	0	0	FT	AS00003PE	COBALT	7440-48-4		4.1	mg/kg	B	Z
SS400293	0	2	IN	SS40018AE	COBALT	7440-48-4	14.2	10.5	mg/kg	B	V
SS400393	0	2	IN	SS40019AE	COBALT	7440-48-4	10	6.2	mg/kg	B	V
SS400593	0	2	IN	SS40021AE	COBALT	7440-48-4	10	4.1	mg/kg	B	V
SS400693	0	2	IN	SS40022AE	COBALT	7440-48-4	10	4.6	mg/kg	B	V
SS400793	0	2	IN	SS40023AE	COBALT	7440-48-4	11.6	6.2	mg/kg	B	V
SS400893	0	2	IN	SS40024AE	COBALT	7440-48-4	13	5.7	mg/kg	B	V
SS401193	0	2	IN	SS40027AE	COBALT	7440-48-4	14	8.2	mg/kg	B	V
SS401293	0	2	IN	SS40028AE	COBALT	7440-48-4	11.2	5.3	mg/kg	B	V
SS401393	0	2	IN	SS40029AE	COBALT	7440-48-4	14.5	6.4	mg/kg	B	V
SS401593	0	2	IN	SS40031AE	COBALT	7440-48-4	12.9	5.9	mg/kg	B	V
SS401693	0	2	IN	SS40032AE	COBALT	7440-48-4	11	2.1	mg/kg	U	V
SS401893	0	2	IN	SS40034AE	COBALT	7440-48-4	11	7.2	mg/kg	B	V
SS402393	0	2	IN	SS40039AE	COBALT	7440-48-4	12	2.7	mg/kg	B	V
SS402593	0	2	IN	SS40041AE	COBALT	7440-48-4	13	7.6	mg/kg	B	V
SS402793	0	2	IN	SS40043AE	COBALT	7440-48-4	10	5.4	mg/kg	B	V
SS402893	0	2	IN	SS40044AE	COBALT	7440-48-4	10	5.6	mg/kg	B	V
SS402993	0	2	IN	SS40045AE	COBALT	7440-48-4	10	6.6	mg/kg	B	V
SS403093	0	2	IN	SS40046AE	COBALT	7440-48-4	10	31	mg/kg		V
SS403193	0	2	IN	SS40047AE	COBALT	7440-48-4	10	8.7	mg/kg	B	V
SS403293	0	2	IN	SS40048AE	COBALT	7440-48-4	10	6.4	mg/kg	B	V
SS403393	0	2	IN	SS40049AE	COBALT	7440-48-4	10	9.3	mg/kg	B	V
SS403493	0	2	IN	SS40050AE	COBALT	7440-48-4	10	7.9	mg/kg	B	J
SS403593	0	2	IN	SS40051AE	COBALT	7440-48-4	10	7.5	mg/kg	B	J
SS403693	0	2	IN	SS40052AE	COBALT	7440-48-4	10	9.7	mg/kg	B	J
SS606292	0	2	IN	SS60062WC	COBALT	7440-48-4	10	6.5	mg/kg	B	V
SS620292	0	2	IN	SS60202WC	COBALT	7440-48-4	10	5.6	mg/kg	B	V
SS810893	0	3	IN	SSG0102JE	COBALT	7440-48-4	50	3.2	mg/kg	B	V
SS811193	0	3	IN	SSG0105JE	COBALT	7440-48-4	50	1.5	mg/kg	B	V
SS811493	0	3	IN	SSG0108JE	COBALT	7440-48-4	50	5.7	mg/kg	B	V
05093	0	2	IN	SS00002AE	COPPER	7440-50-8	10	27.5	mg/kg		V
05193	0	2	IN	SS00003AE	COPPER	7440-50-8	10	10.5	mg/kg		V
05393	0	2	IN	SS00005AE	COPPER	7440-50-8	10	2.2	mg/kg	U	V
40093	0	2	IN	SS40060AE	COPPER	7440-50-8	7	16.1	mg/kg		V
40293	0	2	IN	SS40042AE	COPPER	7440-50-8	7	11.1	mg/kg		V
40393	0	2	IN	SS40053AE	COPPER	7440-50-8	6	12.4	mg/kg		V
40693	0	2	IN	SS40057AE	COPPER	7440-50-8	10	6.5	mg/kg	B	J
40793	0	2	IN	SS40058AE	COPPER	7440-50-8	10	7.4	mg/kg	B	J
40893	0	2	IN	SS40004AE	COPPER	7440-50-8	6	13.2	mg/kg		V
40993	0	2	IN	SS40072AE	COPPER	7440-50-8	10	8.8	mg/kg		J
41193	0	2	IN	SS40007AE	COPPER	7440-50-8	9	11.7	mg/kg		V
41293	0	2	IN	SS40071AE	COPPER	7440-50-8	10	5.9	mg/kg	B	J
41593	4	6	IN	SS40073AE	COPPER	7440-50-8	10	79.7	mg/kg		V
41693	0	2	IN	SS40410AE	COPPER	7440-50-8	7	17.4	mg/kg		V
41793	0	2	IN	SS40077AE	COPPER	7440-50-8	6	16.2	mg/kg		V
41993	0	2	IN	SS40009AE	COPPER	7440-50-8	6	18.7	mg/kg		V
42093	0	2	IN	SS40480AE	COPPER	7440-50-8	5	11.4	mg/kg		V
42193	4	6	IN	SS40012AE	COPPER	7440-50-8	10	14.7	mg/kg		V
42293	0	2	IN	SS40078AE	COPPER	7440-50-8	10	18.3	mg/kg		V
42393	0	2	IN	SS40079AE	COPPER	7440-50-8	5	42.7	mg/kg		V
42593	4	6	IN	SS40082AE	COPPER	7440-50-8	10	13.6	mg/kg		V
42693	0	2	IN	SS40080AE	COPPER	7440-50-8	8	11.5	mg/kg		V
42993	0	2	IN	SS40056AE	COPPER	7440-50-8	6	20.5	mg/kg		V
43193	0	2	IN	SS40084AE	COPPER	7440-50-8	6	7.5	mg/kg		V
43393	4	6	IN	SS40087AE	COPPER	7440-50-8	10	13.8	mg/kg		V
43493	0	2	IN	SS40086AE	COPPER	7440-50-8	10	8.6	mg/kg		V
43693	4	6	IN	SS40089AE	COPPER	7440-50-8	10	50	mg/kg		V
43793	0	2	IN	SS40088AE	COPPER	7440-50-8	6	21.2	mg/kg		V

185

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43893	0	2	IN	SS40010AE	COPPER	7440-50-8	6	9.6	mg/kg		V
43993	0	2	IN	SS40091AE	COPPER	7440-50-8	6	7	mg/kg		V
44093	0	2	IN	SS40090AE	COPPER	7440-50-8	6	10.2	mg/kg		V
44393	0	2	IN	SS40005AE	COPPER	7440-50-8	6	12.2	mg/kg		V
44593	0	2	IN	SS40001AE	COPPER	7440-50-8	5.5	14	mg/kg		V
44893	0	2	IN	SS40070AE	COPPER	7440-50-8	7	16	mg/kg		V
45693	0	2	IN	SS40094AE	COPPER	7440-50-8	10	15.9	mg/kg	*	V
45793	0	2	IN	SS40015AE	COPPER	7440-50-8	10	26.9	mg/kg	*	V
46193	0	2	IN	SS40096AE	COPPER	7440-50-8	10	15.8	mg/kg		V
46693	4	6	IN	SS40141AE	COPPER	7440-50-8	5	83.6	mg/kg		J
46793	4	6	IN	SS40142AE	COPPER	7440-50-8	5	88.6	mg/kg		J
46893	4	6	IN	SS40143AE	COPPER	7440-50-8	25	15.7	mg/kg		V
47093	0	1	IN	SS40145AE	COPPER	7440-50-8	25	14.6	mg/kg		V
48195	0	0	FT	AS00001PE	COPPER	7440-50-8		9.6	mg/kg		Z
48295	0	0	FT	AS00002PE	COPPER	7440-50-8		9.7	mg/kg		Z
48395	0	0	FT	AS00003PE	COPPER	7440-50-8		11.7	mg/kg		Z
SS400293	0	2	IN	SS40018AE	COPPER	7440-50-8	7.1	14.6	mg/kg		V
SS400393	0	2	IN	SS40019AE	COPPER	7440-50-8	10	20.6	mg/kg		V
SS400593	0	2	IN	SS40021AE	COPPER	7440-50-8	10	38.6	mg/kg		V
SS400693	0	2	IN	SS40022AE	COPPER	7440-50-8	10	23	mg/kg		V
SS400793	0	2	IN	SS40023AE	COPPER	7440-50-8	5.8	7.8	mg/kg		V
SS400893	0	2	IN	SS40024AE	COPPER	7440-50-8	7	11.9	mg/kg		V
SS401193	0	2	IN	SS40027AE	COPPER	7440-50-8	7	18.5	mg/kg		V
SS401293	0	2	IN	SS40028AE	COPPER	7440-50-8	5.6	9.3	mg/kg		V
SS401393	0	2	IN	SS40029AE	COPPER	7440-50-8	7.2	10.1	mg/kg		V
SS401593	0	2	IN	SS40031AE	COPPER	7440-50-8	6.5	11.8	mg/kg		V
SS401693	0	2	IN	SS40032AE	COPPER	7440-50-8	5	10.7	mg/kg		V
SS401893	0	2	IN	SS40034AE	COPPER	7440-50-8	6	14.8	mg/kg		V
SS402393	0	2	IN	SS40039AE	COPPER	7440-50-8	6	7.9	mg/kg		V
SS402593	0	2	IN	SS40041AE	COPPER	7440-50-8	7	14.3	mg/kg		V
SS402793	0	2	IN	SS40043AE	COPPER	7440-50-8	10	71.9	mg/kg		V
SS402893	0	2	IN	SS40044AE	COPPER	7440-50-8	10	25.1	mg/kg		V
SS402993	0	2	IN	SS40045AE	COPPER	7440-50-8	10	13.4	mg/kg		V
SS403093	0	2	IN	SS40046AE	COPPER	7440-50-8	10	77.5	mg/kg		V
SS403193	0	2	IN	SS40047AE	COPPER	7440-50-8	10	15.8	mg/kg		V
SS403293	0	2	IN	SS40048AE	COPPER	7440-50-8	10	15.3	mg/kg		V
SS403393	0	2	IN	SS40049AE	COPPER	7440-50-8	10	18.8	mg/kg		V
SS403493	0	2	IN	SS40050AE	COPPER	7440-50-8	10	18.6	mg/kg		V
SS403593	0	2	IN	SS40051AE	COPPER	7440-50-8	10	14.3	mg/kg		V
SS403693	0	2	IN	SS40052AE	COPPER	7440-50-8	10	21.8	mg/kg		V
SS606292	0	2	IN	SS60062WC	COPPER	7440-50-8	5	11.1	mg/kg		V
SS620292	0	2	IN	SS60202WC	COPPER	7440-50-8	5	9.8	mg/kg		V
SS810893	0	3	IN	SSG0102JE	COPPER	7440-50-8	25	15.4	mg/kg		V
SS811193	0	3	IN	SSG0105JE	COPPER	7440-50-8	25	8	mg/kg		V
SS811493	0	3	IN	SSG0108JE	COPPER	7440-50-8	25	16.5	mg/kg		V
05093	0	2	IN	SS00002AE	IRON	7439-89-6	20	13800	mg/kg		V
05193	0	2	IN	SS00003AE	IRON	7439-89-6	20	11600	mg/kg		V
05393	0	2	IN	SS00005AE	IRON	7439-89-6	20	4.4	mg/kg	U	V
40093	0	2	IN	SS40060AE	IRON	7439-89-6	27	15500	mg/kg	*	V
40293	0	2	IN	SS40042AE	IRON	7439-89-6	28	14200	mg/kg		V
40393	0	2	IN	SS40053AE	IRON	7439-89-6	26	18500	mg/kg		V
40693	0	2	IN	SS40057AE	IRON	7439-89-6	20	11800	mg/kg		V
40793	0	2	IN	SS40058AE	IRON	7439-89-6	20	11300	mg/kg		V
40893	0	2	IN	SS40004AE	IRON	7439-89-6	24.2	14000	mg/kg		V
40993	0	2	IN	SS40072AE	IRON	7439-89-6	20	11900	mg/kg		V
41193	0	2	IN	SS40007AE	IRON	7439-89-6	36	13900	mg/kg		V
41293	0	2	IN	SS40071AE	IRON	7439-89-6	20	10200	mg/kg		V
41593	4	6	IN	SS40073AE	IRON	7439-89-6	20	13500	mg/kg		V
41693	0	2	IN	SS40410AE	IRON	7439-89-6	27	14000	mg/kg	E	J
41793	0	2	IN	SS40077AE	IRON	7439-89-6	23	10700	mg/kg		V
41993	0	2	IN	SS40009AE	IRON	7439-89-6	24	11600	mg/kg	*	V
42093	0	2	IN	SS40480AE	IRON	7439-89-6	21	4130	mg/kg	*	V
42193	4	6	IN	SS40012AE	IRON	7439-89-6	20	9480	mg/kg		V
42293	0	2	IN	SS40078AE	IRON	7439-89-6	20	19200	mg/kg		V
42393	0	2	IN	SS40079AE	IRON	7439-89-6	21	12900	mg/kg		V
42593	4	6	IN	SS40082AE	IRON	7439-89-6	20	10100	mg/kg		V
42693	0	2	IN	SS40080AE	IRON	7439-89-6	31	15600	mg/kg		V
42993	0	2	IN	SS40056AE	IRON	7439-89-6	23	6390	mg/kg		V
43193	0	2	IN	SS40084AE	IRON	7439-89-6	22	8180	mg/kg		V
43393	4	6	IN	SS40087AE	IRON	7439-89-6	20	11800	mg/kg		V
43493	0	2	IN	SS40086AE	IRON	7439-89-6	20	8580	mg/kg		V
43693	4	6	IN	SS40089AE	IRON	7439-89-6	20	10500	mg/kg		V
43793	0	2	IN	SS40088AE	IRON	7439-89-6	23	10400	mg/kg	E	J
43893	0	2	IN	SS40010AE	IRON	7439-89-6	24	19100	mg/kg		V
43993	0	2	IN	SS40091AE	IRON	7439-89-6	23	4950	mg/kg		V

186

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
44093	0	2	IN	SS40090AE	IRON	7439-89-6	24	10500	mg/kg		V
44393	0	2	IN	SS40005AE	IRON	7439-89-6	23	10500	mg/kg		V
44593	0	2	IN	SS40001AE	IRON	7439-89-6	22	15200	mg/kg		V
44893	0	2	IN	SS40070AE	IRON	7439-89-6	29	17600	mg/kg	*	V
45693	0	2	IN	SS40094AE	IRON	7439-89-6	20	12000	mg/kg		V
45793	0	2	IN	SS40015AE	IRON	7439-89-6	20	17300	mg/kg		V
46193	0	2	IN	SS40096AE	IRON	7439-89-6	20	15700	mg/kg		V
46693	4	6	IN	SS40141AE	IRON	7439-89-6	20	12500	mg/kg		V
46793	4	6	IN	SS40142AE	IRON	7439-89-6	20	12400	mg/kg		V
46893	4	6	IN	SS40143AE	IRON	7439-89-6	100	12700	mg/kg		V
47093	0	1	IN	SS40145AE	IRON	7439-89-6	100	13400	mg/kg		V
48195	0	0	FT	AS00001PE	IRON	7439-89-6		11100	mg/kg		Z
48295	0	0	FT	AS00002PE	IRON	7439-89-6		8710	mg/kg		Z
48395	0	0	FT	AS00003PE	IRON	7439-89-6		12200	mg/kg		Z
SS400293	0	2	IN	SS40018AE	IRON	7439-89-6	28.5	18300	mg/kg		V
SS400393	0	2	IN	SS40019AE	IRON	7439-89-6	20	14100	mg/kg		V
SS400593	0	2	IN	SS40021AE	IRON	7439-89-6	20	11300	mg/kg		V
SS400693	0	2	IN	SS40022AE	IRON	7439-89-6	20	10600	mg/kg		V
SS400793	0	2	IN	SS40023AE	IRON	7439-89-6	23.3	14000	mg/kg		V
SS400893	0	2	IN	SS40024AE	IRON	7439-89-6	26	11000	mg/kg		V
SS401193	0	2	IN	SS40027AE	IRON	7439-89-6	28	16200	mg/kg		V
SS401293	0	2	IN	SS40028AE	IRON	7439-89-6	22.4	10400	mg/kg		V
SS401393	0	2	IN	SS40029AE	IRON	7439-89-6	28.9	14700	mg/kg		V
SS401593	0	2	IN	SS40031AE	IRON	7439-89-6	25.9	13300	mg/kg		V
SS401693	0	2	IN	SS40032AE	IRON	7439-89-6	21	4010	mg/kg		V
SS401893	0	2	IN	SS40034AE	IRON	7439-89-6	22	8450	mg/kg		V
SS402393	0	2	IN	SS40039AE	IRON	7439-89-6	23	5280	mg/kg		V
SS402593	0	2	IN	SS40041AE	IRON	7439-89-6	27	13300	mg/kg		V
SS402793	0	2	IN	SS40043AE	IRON	7439-89-6	20	11400	mg/kg		V
SS402893	0	2	IN	SS40044AE	IRON	7439-89-6	20	12100	mg/kg		V
SS402993	0	2	IN	SS40045AE	IRON	7439-89-6	20	13900	mg/kg		V
SS403093	0	2	IN	SS40046AE	IRON	7439-89-6	20	20000	mg/kg		V
SS403193	0	2	IN	SS40047AE	IRON	7439-89-6	20	19000	mg/kg		V
SS403293	0	2	IN	SS40048AE	IRON	7439-89-6	20	15100	mg/kg		V
SS403393	0	2	IN	SS40049AE	IRON	7439-89-6	20	19500	mg/kg		V
SS403493	0	2	IN	SS40050AE	IRON	7439-89-6	20	16900	mg/kg		V
SS403593	0	2	IN	SS40051AE	IRON	7439-89-6	20	12300	mg/kg		V
SS403693	0	2	IN	SS40052AE	IRON	7439-89-6	20	27900	mg/kg		V
SS606292	0	2	IN	SS60062WC	IRON	7439-89-6	20	11500	mg/kg		V
SS620292	0	2	IN	SS60202WC	IRON	7439-89-6	20	9090	mg/kg		V
SS810893	0	3	IN	SSG0102JE	IRON	7439-89-6	100	7910	mg/kg		V
SS811193	0	3	IN	SSG0105JE	IRON	7439-89-6	100	4790	mg/kg		V
SS811493	0	3	IN	SSG0108JE	IRON	7439-89-6	100	13700	mg/kg		V
05093	0	2	IN	SS00002AE	LEAD	7439-92-1	2	29	mg/kg	N*	J
05193	0	2	IN	SS00003AE	LEAD	7439-92-1	2	9	mg/kg	N	J
05393	0	2	IN	SS00005AE	LEAD	7439-92-1	2	22.6	mg/kg	SN*	J
40093	0	2	IN	SS40060AE	LEAD	7439-92-1	1	14.6	mg/kg	N	J
40293	0	2	IN	SS40042AE	LEAD	7439-92-1	1	11.3	mg/kg	SN	J
40393	0	2	IN	SS40053AE	LEAD	7439-92-1	1	20.4	mg/kg	*	J
40693	0	2	IN	SS40057AE	LEAD	7439-92-1	2	32.9	mg/kg		V
40793	0	2	IN	SS40058AE	LEAD	7439-92-1	2	25.5	mg/kg		V
40893	0	2	IN	SS40004AE	LEAD	7439-92-1	1.2	15.2	mg/kg		V
40993	0	2	IN	SS40072AE	LEAD	7439-92-1	2	12.9	mg/kg	S	V
41193	0	2	IN	SS40007AE	LEAD	7439-92-1	1	24.9	mg/kg	*	J
41293	0	2	IN	SS40071AE	LEAD	7439-92-1	2	27	mg/kg	S	V
41593	4	6	IN	SS40073AE	LEAD	7439-92-1	2	15.4	mg/kg	N	J
41693	0	2	IN	SS40410AE	LEAD	7439-92-1	1	16.4	mg/kg		V
41793	0	2	IN	SS40077AE	LEAD	7439-92-1	1	19.7	mg/kg	*	J
41993	0	2	IN	SS40009AE	LEAD	7439-92-1	1	5.9	mg/kg	N	J
42093	0	2	IN	SS40480AE	LEAD	7439-92-1	1	3.8	mg/kg	N	J
42193	4	6	IN	SS40012AE	LEAD	7439-92-1	2	7.5	mg/kg	S	V
42293	0	2	IN	SS40078AE	LEAD	7439-92-1	2	7.7	mg/kg	N	J
42393	0	2	IN	SS40079AE	LEAD	7439-92-1	1	14	mg/kg	SN	J
42593	4	6	IN	SS40082AE	LEAD	7439-92-1	2	6.3	mg/kg		V
42693	0	2	IN	SS40080AE	LEAD	7439-92-1	1	15.2	mg/kg	*	J
42993	0	2	IN	SS40056AE	LEAD	7439-92-1	1	7.5	mg/kg	N	J
43193	0	2	IN	SS40084AE	LEAD	7439-92-1	1	11.4	mg/kg	*	J
43393	4	6	IN	SS40087AE	LEAD	7439-92-1	2	8.4	mg/kg	S	V
43493	0	2	IN	SS40086AE	LEAD	7439-92-1	2	4.3	mg/kg	N	J
43693	4	6	IN	SS40089AE	LEAD	7439-92-1	2	9.4	mg/kg	S	V
43793	0	2	IN	SS40088AE	LEAD	7439-92-1	0.5	10.7	mg/kg		V
43893	0	2	IN	SS40010AE	LEAD	7439-92-1	1	14.2	mg/kg	*	J
43993	0	2	IN	SS40091AE	LEAD	7439-92-1	1	7.7	mg/kg	*	J
44093	0	2	IN	SS40090AE	LEAD	7439-92-1	1	7.9	mg/kg	*	J
44393	0	2	IN	SS40005AE	LEAD	7439-92-1	1	72.4	mg/kg	SN	J

187

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
44593	0	2	IN	SS40001AE	LEAD	7439-92-1	1.1	12.5	mg/kg		V
44893	0	2	IN	SS40070AE	LEAD	7439-92-1	1	15.1	mg/kg	N	J
45693	0	2	IN	SS40094AE	LEAD	7439-92-1	2	24.2	mg/kg		V
45793	0	2	IN	SS40015AE	LEAD	7439-92-1	2	34.2	mg/kg		V
46193	0	2	IN	SS40096AE	LEAD	7439-92-1	2	30.1	mg/kg	N	J
46693	4	6	IN	SS40141AE	LEAD	7439-92-1	1	9	mg/kg		J
46793	4	6	IN	SS40142AE	LEAD	7439-92-1	1	13.6	mg/kg		J
46893	4	6	IN	SS40143AE	LEAD	7439-92-1	3	6.4	mg/kg		V
47093	0	1	IN	SS40145AE	LEAD	7439-92-1	3	4.4	mg/kg		V
48195	0	0	FT	AS00001PE	LEAD	7439-92-1	0.81	5.7	mg/kg		Z
48295	0	0	FT	AS00002PE	LEAD	7439-92-1	0.81	4.6	mg/kg		Z
48395	0	0	FT	AS00003PE	LEAD	7439-92-1	0.81	7.9	mg/kg		Z
SS400293	0	2	IN	SS40018AE	LEAD	7439-92-1	1.4	25.5	mg/kg		V
SS400393	0	2	IN	SS40019AE	LEAD	7439-92-1	2	20.1	mg/kg		V
SS400593	0	2	IN	SS40021AE	LEAD	7439-92-1	2	19.8	mg/kg		V
SS400693	0	2	IN	SS40022AE	LEAD	7439-92-1	2	28.9	mg/kg		V
SS400793	0	2	IN	SS40023AE	LEAD	7439-92-1	1.2	13.4	mg/kg		V
SS400893	0	2	IN	SS40024AE	LEAD	7439-92-1	1	15.9	mg/kg	N*	J
SS401193	0	2	IN	SS40027AE	LEAD	7439-92-1	1	21.5	mg/kg	N*	J
SS401293	0	2	IN	SS40028AE	LEAD	7439-92-1	1.1	3.6	mg/kg		V
SS401393	0	2	IN	SS40029AE	LEAD	7439-92-1	1.4	12.9	mg/kg		V
SS401593	0	2	IN	SS40031AE	LEAD	7439-92-1	1.3	18.1	mg/kg		V
SS401693	0	2	IN	SS40032AE	LEAD	7439-92-1	1	2.8	mg/kg	N*	J
SS401893	0	2	IN	SS40034AE	LEAD	7439-92-1	1	121	mg/kg	N*	J
SS402393	0	2	IN	SS40039AE	LEAD	7439-92-1	1	6.2	mg/kg	N*	J
SS402593	0	2	IN	SS40041AE	LEAD	7439-92-1	1	10.4	mg/kg	N*	J
SS402793	0	2	IN	SS40043AE	LEAD	7439-92-1	2	14.8	mg/kg		V
SS402893	0	2	IN	SS40044AE	LEAD	7439-92-1	2	48.9	mg/kg		V
SS402993	0	2	IN	SS40045AE	LEAD	7439-92-1	2	19.4	mg/kg		V
SS403093	0	2	IN	SS40046AE	LEAD	7439-92-1	2	36	mg/kg		V
SS403193	0	2	IN	SS40047AE	LEAD	7439-92-1	2	21.7	mg/kg		V
SS403293	0	2	IN	SS40048AE	LEAD	7439-92-1	2	18.2	mg/kg		V
SS403393	0	2	IN	SS40049AE	LEAD	7439-92-1	2	22.3	mg/kg		V
SS403493	0	2	IN	SS40050AE	LEAD	7439-92-1	2	20	mg/kg	S	V
SS403593	0	2	IN	SS40051AE	LEAD	7439-92-1	2	22.5	mg/kg	S	V
SS403693	0	2	IN	SS40052AE	LEAD	7439-92-1	2	19.4	mg/kg		V
SS606292	0	2	IN	SS60062WC	LEAD	7439-92-1	1	15	mg/kg		V
SS810893	0	3	IN	SSG0102JE	LEAD	7439-92-1	3	8.1	mg/kg		V
SS811193	0	3	IN	SSG0105JE	LEAD	7439-92-1	3	52.1	mg/kg		V
SS811493	0	3	IN	SSG0108JE	LEAD	7439-92-1	3	20	mg/kg		V
05093	0	2	IN	SS00002AE	LITHIUM	7439-93-2	10	26.6	mg/kg		J
05193	0	2	IN	SS00003AE	LITHIUM	7439-93-2	10	13.4	mg/kg	B	J
05393	0	2	IN	SS00005AE	LITHIUM	7439-93-2	10	2.2	mg/kg	U	J
40093	0	2	IN	SS40060AE	LITHIUM	7439-93-2	27	5.9	mg/kg	B	J
40293	0	2	IN	SS40042AE	LITHIUM	7439-93-2	28	4.8	mg/kg	B	J
40393	0	2	IN	SS40053AE	LITHIUM	7439-93-2	26	11.3	mg/kg	B	J
40693	0	2	IN	SS40057AE	LITHIUM	7439-93-2	10	10.8	mg/kg	B	J
40793	0	2	IN	SS40058AE	LITHIUM	7439-93-2	10	6.4	mg/kg	B	J
40893	0	2	IN	SS40004AE	LITHIUM	7439-93-2	24.2	10.8	mg/kg	B	V
40993	0	2	IN	SS40072AE	LITHIUM	7439-93-2	10	10	mg/kg	B	J
41193	0	2	IN	SS40007AE	LITHIUM	7439-93-2	36	7.8	mg/kg	B	J
41293	0	2	IN	SS40071AE	LITHIUM	7439-93-2	10	6.8	mg/kg	B	J
41593	4	6	IN	SS40073AE	LITHIUM	7439-93-2	10	24.8	mg/kg		J
41693	0	2	IN	SS40410AE	LITHIUM	7439-93-2	27	14.7	mg/kg	B	J
41793	0	2	IN	SS40077AE	LITHIUM	7439-93-2	23	12.7	mg/kg	B	J
41993	0	2	IN	SS40009AE	LITHIUM	7439-93-2	24	5.9	mg/kg	B	J
42093	0	2	IN	SS40480AE	LITHIUM	7439-93-2	21	2.1	mg/kg	U	J
42193	4	6	IN	SS40012AE	LITHIUM	7439-93-2	10	12.1	mg/kg	B	J
42293	0	2	IN	SS40078AE	LITHIUM	7439-93-2	10	17.5	mg/kg	B	J
42393	0	2	IN	SS40079AE	LITHIUM	7439-93-2	21	6	mg/kg	B	J
42593	4	6	IN	SS40082AE	LITHIUM	7439-93-2	10	10.6	mg/kg	B	J
42693	0	2	IN	SS40080AE	LITHIUM	7439-93-2	31	4.6	mg/kg	B	J
42993	0	2	IN	SS40056AE	LITHIUM	7439-93-2	23	4.6	mg/kg	B	J
43193	0	2	IN	SS40084AE	LITHIUM	7439-93-2	22	7.5	mg/kg	B	J
43393	4	6	IN	SS40087AE	LITHIUM	7439-93-2	10	19.3	mg/kg	B	J
43493	0	2	IN	SS40086AE	LITHIUM	7439-93-2	10	9.5	mg/kg	B	J
43693	4	6	IN	SS40089AE	LITHIUM	7439-93-2	10	22.2	mg/kg		V
43793	0	2	IN	SS40088AE	LITHIUM	7439-93-2	23	13.6	mg/kg	B	J
43893	0	2	IN	SS40010AE	LITHIUM	7439-93-2	24	10	mg/kg	B	J
43993	0	2	IN	SS40091AE	LITHIUM	7439-93-2	23	2.9	mg/kg	B	J
44093	0	2	IN	SS40090AE	LITHIUM	7439-93-2	24	8.1	mg/kg	B	J
44393	0	2	IN	SS40005AE	LITHIUM	7439-93-2	23	6.2	mg/kg	B	J
44593	0	2	IN	SS40001AE	LITHIUM	7439-93-2	22	10.4	mg/kg	B	V
44893	0	2	IN	SS40070AE	LITHIUM	7439-93-2	29	8.6	mg/kg	B	J
45693	0	2	IN	SS40094AE	LITHIUM	7439-93-2	10	12.2	mg/kg	B	J

188

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
45793	0	2	IN	SS40015AE	LITHIUM	7439-93-2	10	14.3	mg/kg	B	J
46193	0	2	IN	SS40096AE	LITHIUM	7439-93-2	10	17.6	mg/kg	B	J
46693	4	6	IN	SS40141AE	LITHIUM	7439-93-2	20	46.3	mg/kg		J
46793	4	6	IN	SS40142AE	LITHIUM	7439-93-2	20	36	mg/kg		J
46893	4	6	IN	SS40143AE	LITHIUM	7439-93-2	100	10.9	mg/kg	B	J
47093	0	1	IN	SS40145AE	LITHIUM	7439-93-2	100	11.2	mg/kg	B	J
48195	0	0	FT	AS00001PE	LITHIUM	7439-93-2		12.1	mg/kg		Z
48295	0	0	FT	AS00002PE	LITHIUM	7439-93-2		8.5	mg/kg	B	Z
48395	0	0	FT	AS00003PE	LITHIUM	7439-93-2		13.1	mg/kg	B	Z
SS400293	0	2	IN	SS40018AE	LITHIUM	7439-93-2	28.5	14.7	mg/kg	B	V
SS400393	0	2	IN	SS40019AE	LITHIUM	7439-93-2	10	12.7	mg/kg	B	J
SS400593	0	2	IN	SS40021AE	LITHIUM	7439-93-2	10	15.6	mg/kg	B	J
SS400693	0	2	IN	SS40022AE	LITHIUM	7439-93-2	10	5.6	mg/kg	B	J
SS400793	0	2	IN	SS40023AE	LITHIUM	7439-93-2	23.3	16.3	mg/kg	B	V
SS400893	0	2	IN	SS40024AE	LITHIUM	7439-93-2	26	6.7	mg/kg	B	J
SS401193	0	2	IN	SS40027AE	LITHIUM	7439-93-2	28	8.6	mg/kg	B	J
SS401293	0	2	IN	SS40028AE	LITHIUM	7439-93-2	22.4	9.6	mg/kg	B	V
SS401393	0	2	IN	SS40029AE	LITHIUM	7439-93-2	28.9	14.8	mg/kg	B	V
SS401593	0	2	IN	SS40031AE	LITHIUM	7439-93-2	25.9	10.4	mg/kg	B	V
SS401693	0	2	IN	SS40032AE	LITHIUM	7439-93-2	21	3.6	mg/kg	B	J
SS401893	0	2	IN	SS40034AE	LITHIUM	7439-93-2	22	6	mg/kg	B	J
SS402393	0	2	IN	SS40039AE	LITHIUM	7439-93-2	23	2.8	mg/kg	B	J
SS402593	0	2	IN	SS40041AE	LITHIUM	7439-93-2	27	6.1	mg/kg	B	J
SS402793	0	2	IN	SS40043AE	LITHIUM	7439-93-2	10	8.8	mg/kg	B	J
SS402893	0	2	IN	SS40044AE	LITHIUM	7439-93-2	10	16.2	mg/kg	B	J
SS402993	0	2	IN	SS40045AE	LITHIUM	7439-93-2	10	14.3	mg/kg	B	J
SS403093	0	2	IN	SS40046AE	LITHIUM	7439-93-2	10	34.9	mg/kg	B	J
SS403193	0	2	IN	SS40047AE	LITHIUM	7439-93-2	10	21.3	mg/kg	B	J
SS403293	0	2	IN	SS40048AE	LITHIUM	7439-93-2	10	11.5	mg/kg	B	J
SS403393	0	2	IN	SS40049AE	LITHIUM	7439-93-2	10	14	mg/kg	B	J
SS403493	0	2	IN	SS40050AE	LITHIUM	7439-93-2	10	9.3	mg/kg	B	J
SS403593	0	2	IN	SS40051AE	LITHIUM	7439-93-2	10	7	mg/kg	B	J
SS403693	0	2	IN	SS40052AE	LITHIUM	7439-93-2	10	10.3	mg/kg	B	J
SS606292	0	2	IN	SS60062WC	LITHIUM	7439-93-2	20	2.7	mg/kg	U	J
SS620292	0	2	IN	SS60202WC	LITHIUM	7439-93-2	20	4.3	mg/kg	U	J
SS810893	0	3	IN	SSG0102JE	LITHIUM	7439-93-2	100	3.2	mg/kg	B	V
SS811193	0	3	IN	SSG0105JE	LITHIUM	7439-93-2	100	1.7	mg/kg	U	J
SS811493	0	3	IN	SSG0108JE	LITHIUM	7439-93-2	100	7.4	mg/kg	B	V
05093	0	2	IN	SS00002AE	MAGNESIUM	7439-95-4	1000	3470	mg/kg		V
05193	0	2	IN	SS00003AE	MAGNESIUM	7439-95-4	1000	3960	mg/kg		V
05393	0	2	IN	SS00005AE	MAGNESIUM	7439-95-4	1000	218	mg/kg	U	V
40093	0	2	IN	SS40060AE	MAGNESIUM	7439-95-4	1372	2750	mg/kg		V
40293	0	2	IN	SS40042AE	MAGNESIUM	7439-95-4	2829	2160	mg/kg		V
40393	0	2	IN	SS40053AE	MAGNESIUM	7439-95-4	1295	3270	mg/kg		V
40693	0	2	IN	SS40057AE	MAGNESIUM	7439-95-4	1000	3020	mg/kg		V
40793	0	2	IN	SS40058AE	MAGNESIUM	7439-95-4	1000	2260	mg/kg		V
40893	0	2	IN	SS40004AE	MAGNESIUM	7439-95-4	2415.5	2940	mg/kg		V
40993	0	2	IN	SS40072AE	MAGNESIUM	7439-95-4	1000	2230	mg/kg		V
41193	0	2	IN	SS40007AE	MAGNESIUM	7439-95-4	1802	2410	mg/kg		V
41293	0	2	IN	SS40071AE	MAGNESIUM	7439-95-4	1000	1880	mg/kg		V
41593	4	6	IN	SS40073AE	MAGNESIUM	7439-95-4	1000	3080	mg/kg		V
41693	0	2	IN	SS40410AE	MAGNESIUM	7439-95-4	1337	3640	mg/kg		J
41793	0	2	IN	SS40077AE	MAGNESIUM	7439-95-4	1138	2120	mg/kg		V
41993	0	2	IN	SS40009AE	MAGNESIUM	7439-95-4	1192	2400	mg/kg		V
42093	0	2	IN	SS40480AE	MAGNESIUM	7439-95-4	1030	690	mg/kg	B	V
42193	4	6	IN	SS40012AE	MAGNESIUM	7439-95-4	1000	2090	mg/kg		V
42293	0	2	IN	SS40078AE	MAGNESIUM	7439-95-4	1000	4220	mg/kg		V
42393	0	2	IN	SS40079AE	MAGNESIUM	7439-95-4	2141	3590	mg/kg		V
42593	4	6	IN	SS40082AE	MAGNESIUM	7439-95-4	1000	2000	mg/kg		V
42693	0	2	IN	SS40080AE	MAGNESIUM	7439-95-4	1550	1740	mg/kg		V
42993	0	2	IN	SS40056AE	MAGNESIUM	7439-95-4	2281	1310	mg/kg		V
43193	0	2	IN	SS40084AE	MAGNESIUM	7439-95-4	1101	1760	mg/kg		V
43393	4	6	IN	SS40087AE	MAGNESIUM	7439-95-4	1000	2560	mg/kg		V
43493	0	2	IN	SS40086AE	MAGNESIUM	7439-95-4	1000	3860	mg/kg		V
43693	4	6	IN	SS40089AE	MAGNESIUM	7439-95-4	1000	2150	mg/kg		V
43793	0	2	IN	SS40088AE	MAGNESIUM	7439-95-4	1167	2220	mg/kg		J
43893	0	2	IN	SS40010AE	MAGNESIUM	7439-95-4	1182	2890	mg/kg		V
43993	0	2	IN	SS40091AE	MAGNESIUM	7439-95-4	1130	996	mg/kg	B	V
44093	0	2	IN	SS40090AE	MAGNESIUM	7439-95-4	1192	3070	mg/kg		V
44393	0	2	IN	SS40005AE	MAGNESIUM	7439-95-4	2294	2040	mg/kg		V
44593	0	2	IN	SS40001AE	MAGNESIUM	7439-95-4	2199.5	2570	mg/kg		V
44893	0	2	IN	SS40070AE	MAGNESIUM	7439-95-4	1449	3050	mg/kg		V
45693	0	2	IN	SS40094AE	MAGNESIUM	7439-95-4	1000	3000	mg/kg		V
45793	0	2	IN	SS40015AE	MAGNESIUM	7439-95-4	1000	3040	mg/kg		V
46193	0	2	IN	SS40096AE	MAGNESIUM	7439-95-4	1000	3540	mg/kg		V

189

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46693	4	6	IN	SS40141AE	MAGNESIUM	7439-95-4	1000	2290	mg/kg		V
46793	4	6	IN	SS40142AE	MAGNESIUM	7439-95-4	1000	2180	mg/kg		V
46893	4	6	IN	SS40143AE	MAGNESIUM	7439-95-4	5000	2530	mg/kg		V
47093	0	1	IN	SS40145AE	MAGNESIUM	7439-95-4	5000	2580	mg/kg		V
48195	0	0	FT	AS00001PE	MAGNESIUM	7439-95-4		2410	mg/kg		Z
48295	0	0	FT	AS00002PE	MAGNESIUM	7439-95-4		2180	mg/kg		Z
48395	0	0	FT	AS00003PE	MAGNESIUM	7439-95-4		2750	mg/kg		Z
SS400293	0	2	IN	SS40018AE	MAGNESIUM	7439-95-4	2848.6	2690	mg/kg		V
SS400393	0	2	IN	SS40019AE	MAGNESIUM	7439-95-4	1000	3050	mg/kg		V
SS400593	0	2	IN	SS40021AE	MAGNESIUM	7439-95-4	1000	2140	mg/kg		V
SS400693	0	2	IN	SS40022AE	MAGNESIUM	7439-95-4	1000	2600	mg/kg		V
SS400793	0	2	IN	SS40023AE	MAGNESIUM	7439-95-4	2325.3	5110	mg/kg		V
SS400893	0	2	IN	SS40024AE	MAGNESIUM	7439-95-4	1305	2090	mg/kg		V
SS401193	0	2	IN	SS40027AE	MAGNESIUM	7439-95-4	1408	3250	mg/kg		V
SS401293	0	2	IN	SS40028AE	MAGNESIUM	7439-95-4	2240.1	2400	mg/kg		V
SS401393	0	2	IN	SS40029AE	MAGNESIUM	7439-95-4	2890.6	2930	mg/kg		V
SS401593	0	2	IN	SS40031AE	MAGNESIUM	7439-95-4	2587.3	2490	mg/kg		V
SS401693	0	2	IN	SS40032AE	MAGNESIUM	7439-95-4	1062	827	mg/kg	B	V
SS401893	0	2	IN	SS40034AE	MAGNESIUM	7439-95-4	1101	1560	mg/kg		V
SS402393	0	2	IN	SS40039AE	MAGNESIUM	7439-95-4	1157	1010	mg/kg	B	V
SS402593	0	2	IN	SS40041AE	MAGNESIUM	7439-95-4	1342	2300	mg/kg		V
SS402793	0	2	IN	SS40043AE	MAGNESIUM	7439-95-4	1000	2390	mg/kg		V
SS402893	0	2	IN	SS40044AE	MAGNESIUM	7439-95-4	1000	2750	mg/kg		V
SS402993	0	2	IN	SS40045AE	MAGNESIUM	7439-95-4	1000	3910	mg/kg		V
SS403093	0	2	IN	SS40046AE	MAGNESIUM	7439-95-4	1000	6500	mg/kg		V
SS403193	0	2	IN	SS40047AE	MAGNESIUM	7439-95-4	1000	3970	mg/kg		V
SS403293	0	2	IN	SS40048AE	MAGNESIUM	7439-95-4	1000	3310	mg/kg		V
SS403393	0	2	IN	SS40049AE	MAGNESIUM	7439-95-4	1000	3940	mg/kg		V
SS403493	0	2	IN	SS40050AE	MAGNESIUM	7439-95-4	1000	2580	mg/kg		V
SS403593	0	2	IN	SS40051AE	MAGNESIUM	7439-95-4	1000	2290	mg/kg		V
SS403693	0	2	IN	SS40052AE	MAGNESIUM	7439-95-4	1000	3010	mg/kg		V
SS606292	0	2	IN	SS60062WC	MAGNESIUM	7439-95-4	1000	1660	mg/kg		V
SS620292	0	2	IN	SS60202WC	MAGNESIUM	7439-95-4	1000	1180	mg/kg	B	V
SS810893	0	3	IN	SSG0102JE	MAGNESIUM	7439-95-4	5000	1630	mg/kg		V
SS811193	0	3	IN	SSG0105JE	MAGNESIUM	7439-95-4	5000	628	mg/kg	B	V
SS811493	0	3	IN	SSG0108JE	MAGNESIUM	7439-95-4	5000	2190	mg/kg		V
05093	0	2	IN	SS00002AE	MANGANESE	7439-96-5	10	208	mg/kg	N	J
05193	0	2	IN	SS00003AE	MANGANESE	7439-96-5	10	150	mg/kg		V
05393	0	2	IN	SS00005AE	MANGANESE	7439-96-5	10	2.2	mg/kg	UN	V
40093	0	2	IN	SS40060AE	MANGANESE	7439-96-5	4	251	mg/kg	*	J
40293	0	2	IN	SS40042AE	MANGANESE	7439-96-5	4	308	mg/kg	N	J
40393	0	2	IN	SS40053AE	MANGANESE	7439-96-5	4	329	mg/kg	EN*	J
40693	0	2	IN	SS40057AE	MANGANESE	7439-96-5	10	293	mg/kg		V
40793	0	2	IN	SS40058AE	MANGANESE	7439-96-5	10	245	mg/kg		V
40893	0	2	IN	SS40004AE	MANGANESE	7439-96-5	3.6	221	mg/kg	*	J
40993	0	2	IN	SS40072AE	MANGANESE	7439-96-5	10	185	mg/kg		V
41193	0	2	IN	SS40007AE	MANGANESE	7439-96-5	5	272	mg/kg	EN*	J
41293	0	2	IN	SS40071AE	MANGANESE	7439-96-5	10	226	mg/kg		V
41593	4	6	IN	SS40073AE	MANGANESE	7439-96-5	10	110	mg/kg		V
41693	0	2	IN	SS40410AE	MANGANESE	7439-96-5	4	150	mg/kg	E	J
41793	0	2	IN	SS40077AE	MANGANESE	7439-96-5	3	156	mg/kg	EN*	J
41993	0	2	IN	SS40009AE	MANGANESE	7439-96-5	4	185	mg/kg	*	J
42093	0	2	IN	SS40480AE	MANGANESE	7439-96-5	3	58.1	mg/kg	*	J
42193	4	6	IN	SS40012AE	MANGANESE	7439-96-5	10	108	mg/kg		V
42293	0	2	IN	SS40078AE	MANGANESE	7439-96-5	10	240	mg/kg		V
42393	0	2	IN	SS40079AE	MANGANESE	7439-96-5	3	295	mg/kg	N	J
42593	4	6	IN	SS40082AE	MANGANESE	7439-96-5	10	154	mg/kg		V
42693	0	2	IN	SS40080AE	MANGANESE	7439-96-5	5	227	mg/kg	EN*	J
42993	0	2	IN	SS40056AE	MANGANESE	7439-96-5	3	109	mg/kg	N	J
43193	0	2	IN	SS40084AE	MANGANESE	7439-96-5	3	158	mg/kg	EN*	J
43393	4	6	IN	SS40087AE	MANGANESE	7439-96-5	10	126	mg/kg		V
43493	0	2	IN	SS40086AE	MANGANESE	7439-96-5	10	110	mg/kg		V
43693	4	6	IN	SS40089AE	MANGANESE	7439-96-5	10	98.4	mg/kg		V
43793	0	2	IN	SS40088AE	MANGANESE	7439-96-5	4	130	mg/kg	E	J
43893	0	2	IN	SS40010AE	MANGANESE	7439-96-5	4	238	mg/kg	EN*	J
43993	0	2	IN	SS40091AE	MANGANESE	7439-96-5	3	116	mg/kg	EN*	J
44093	0	2	IN	SS40090AE	MANGANESE	7439-96-5	4	161	mg/kg	EN*	J
44393	0	2	IN	SS40005AE	MANGANESE	7439-96-5	3	125	mg/kg	N	J
44593	0	2	IN	SS40001AE	MANGANESE	7439-96-5	3.3	155	mg/kg	*	J
44893	0	2	IN	SS40070AE	MANGANESE	7439-96-5	4	261	mg/kg	*	J
45693	0	2	IN	SS40094AE	MANGANESE	7439-96-5	10	120	mg/kg		V
45793	0	2	IN	SS40015AE	MANGANESE	7439-96-5	10	290	mg/kg		V
46193	0	2	IN	SS40096AE	MANGANESE	7439-96-5	10	285	mg/kg	N*	J
46693	4	6	IN	SS40141AE	MANGANESE	7439-96-5	3	94.6	mg/kg		V
46793	4	6	IN	SS40142AE	MANGANESE	7439-96-5	3	97.9	mg/kg		V

190

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46893	4	6	IN	SS40143AE	MANGANESE	7439-96-5	15	185	mg/kg		V
47093	0	1	IN	SS40145AE	MANGANESE	7439-96-5	15	212	mg/kg		V
48195	0	0	FT	AS00001PE	MANGANESE	7439-96-5		149	mg/kg		Z
48295	0	0	FT	AS00002PE	MANGANESE	7439-96-5		127	mg/kg	N	Z
48395	0	0	FT	AS00003PE	MANGANESE	7439-96-5		162	mg/kg	N	Z
SS400293	0	2	IN	SS40018AE	MANGANESE	7439-96-5	4.3	510	mg/kg	*	J
SS400393	0	2	IN	SS40019AE	MANGANESE	7439-96-5	10	240	mg/kg		V
SS400593	0	2	IN	SS40021AE	MANGANESE	7439-96-5	10	117	mg/kg		V
SS400693	0	2	IN	SS40022AE	MANGANESE	7439-96-5	10	197	mg/kg		V
SS400793	0	2	IN	SS40023AE	MANGANESE	7439-96-5	3.5	174	mg/kg	*	J
SS400893	0	2	IN	SS40024AE	MANGANESE	7439-96-5	4	223	mg/kg	N	J
SS401193	0	2	IN	SS40027AE	MANGANESE	7439-96-5	4	252	mg/kg	N	J
SS401293	0	2	IN	SS40028AE	MANGANESE	7439-96-5	3.4	182	mg/kg	*	J
SS401393	0	2	IN	SS40029AE	MANGANESE	7439-96-5	4.3	216	mg/kg	*	J
SS401593	0	2	IN	SS40031AE	MANGANESE	7439-96-5	3.9	212	mg/kg	*	J
SS401693	0	2	IN	SS40032AE	MANGANESE	7439-96-5	3	67.6	mg/kg	N	J
SS401893	0	2	IN	SS40034AE	MANGANESE	7439-96-5	3	113	mg/kg	N	J
SS402393	0	2	IN	SS40039AE	MANGANESE	7439-96-5	3	76.5	mg/kg	N	J
SS402593	0	2	IN	SS40041AE	MANGANESE	7439-96-5	4	268	mg/kg	N	J
SS402793	0	2	IN	SS40043AE	MANGANESE	7439-96-5	10	248	mg/kg		V
SS402893	0	2	IN	SS40044AE	MANGANESE	7439-96-5	10	248	mg/kg		V
SS402993	0	2	IN	SS40045AE	MANGANESE	7439-96-5	10	199	mg/kg		V
SS403093	0	2	IN	SS40046AE	MANGANESE	7439-96-5	10	7650	mg/kg		V
SS403193	0	2	IN	SS40047AE	MANGANESE	7439-96-5	10	200	mg/kg		V
SS403293	0	2	IN	SS40048AE	MANGANESE	7439-96-5	10	177	mg/kg		V
SS403393	0	2	IN	SS40049AE	MANGANESE	7439-96-5	10	230	mg/kg		V
SS403493	0	2	IN	SS40050AE	MANGANESE	7439-96-5	10	222	mg/kg		V
SS403593	0	2	IN	SS40051AE	MANGANESE	7439-96-5	10	221	mg/kg		V
SS403693	0	2	IN	SS40052AE	MANGANESE	7439-96-5	10	678	mg/kg		V
SS606292	0	2	IN	SS60062WC	MANGANESE	7439-96-5	3	203	mg/kg		V
SS620292	0	2	IN	SS60202WC	MANGANESE	7439-96-5	3	186	mg/kg		J
SS810893	0	3	IN	SSG0102JE	MANGANESE	7439-96-5	15	140	mg/kg		V
SS811193	0	3	IN	SSG0105JE	MANGANESE	7439-96-5	15	68.4	mg/kg		V
SS811493	0	3	IN	SSG0108JE	MANGANESE	7439-96-5	15	230	mg/kg		V
05093	0	2	IN	SS00002AE	MERCURY	7439-97-6	0.2	0.2	mg/kg		V
05193	0	2	IN	SS00003AE	MERCURY	7439-97-6	0.2	0.17	mg/kg	U	V
05393	0	2	IN	SS00005AE	MERCURY	7439-97-6	0.2	0.13	mg/kg		V
40093	0	2	IN	SS40060AE	MERCURY	7439-97-6	0.1	0.21	mg/kg		V
40293	0	2	IN	SS40042AE	MERCURY	7439-97-6	0.3	0.21	mg/kg		J
40393	0	2	IN	SS40053AE	MERCURY	7439-97-6	0.05	0.13	mg/kg	U	V
40693	0	2	IN	SS40057AE	MERCURY	7439-97-6	0.2	0.19	mg/kg	U	J
40793	0	2	IN	SS40058AE	MERCURY	7439-97-6	0.2	0.17	mg/kg	U	J
40993	0	2	IN	SS40072AE	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	J
41193	0	2	IN	SS40007AE	MERCURY	7439-97-6	0.07	0.18	mg/kg	U	V
41293	0	2	IN	SS40071AE	MERCURY	7439-97-6	0.2	0.15	mg/kg	U	J
41593	4	6	IN	SS40073AE	MERCURY	7439-97-6	0.2	0.32	mg/kg		V
41693	0	2	IN	SS40410AE	MERCURY	7439-97-6	0.05	0.13	mg/kg	U	V
41793	0	2	IN	SS40077AE	MERCURY	7439-97-6	0.05	0.11	mg/kg	U	V
41993	0	2	IN	SS40009AE	MERCURY	7439-97-6	0.05	0.18	mg/kg		V
42093	0	2	IN	SS40480AE	MERCURY	7439-97-6	0.04	0.12	mg/kg		V
42193	4	6	IN	SS40012AE	MERCURY	7439-97-6	0.2	0.1	mg/kg	U	V
42293	0	2	IN	SS40078AE	MERCURY	7439-97-6	0.2	0.18	mg/kg	U	V
42393	0	2	IN	SS40079AE	MERCURY	7439-97-6	0.2	0.13	mg/kg		J
42593	4	6	IN	SS40082AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	V
42693	0	2	IN	SS40080AE	MERCURY	7439-97-6	0.06	0.16	mg/kg	U	V
42993	0	2	IN	SS40056AE	MERCURY	7439-97-6	0.2	0.14	mg/kg		J
43193	0	2	IN	SS40084AE	MERCURY	7439-97-6	0.04	0.33	mg/kg		V
43393	4	6	IN	SS40087AE	MERCURY	7439-97-6	0.2	0.1	mg/kg	U	V
43493	0	2	IN	SS40086AE	MERCURY	7439-97-6	0.2	0.17	mg/kg	U	V
43693	4	6	IN	SS40089AE	MERCURY	7439-97-6	0.2	0.27	mg/kg		V
43793	0	2	IN	SS40088AE	MERCURY	7439-97-6	0.05	0.48	mg/kg		V
43893	0	2	IN	SS40010AE	MERCURY	7439-97-6	0.05	0.12	mg/kg	U	V
43993	0	2	IN	SS40091AE	MERCURY	7439-97-6	0	0.11	mg/kg	U	V
44093	0	2	IN	SS40090AE	MERCURY	7439-97-6	0.05	0.12	mg/kg	U	V
44393	0	2	IN	SS40005AE	MERCURY	7439-97-6	0.2	0.4	mg/kg		V
44893	0	2	IN	SS40070AE	MERCURY	7439-97-6	0.1	0.17	mg/kg		V
45693	0	2	IN	SS40094AE	MERCURY	7439-97-6	0.2	0.15	mg/kg	UN	J
45793	0	2	IN	SS40015AE	MERCURY	7439-97-6	0.2	0.14	mg/kg	UN	J
46193	0	2	IN	SS40096AE	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
46693	4	6	IN	SS40141AE	MERCURY	7439-97-6	0.1	0.57	mg/kg		V
46793	4	6	IN	SS40142AE	MERCURY	7439-97-6	0.1	0.34	mg/kg		V
46893	4	6	IN	SS40143AE	MERCURY	7439-97-6	0.2	0.09	mg/kg	U	V
47093	0	1	IN	SS40145AE	MERCURY	7439-97-6	0.2	0.09	mg/kg	U	V
48195	0	0	FT	AS00001PE	MERCURY	7439-97-6	0.1	0.1	mg/kg	U	Z
48295	0	0	FT	AS00002PE	MERCURY	7439-97-6	0.1	0.1	mg/kg	U	Z

191

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48395	0	0	FT	AS00003PE	MERCURY	7439-97-6	0.1	0.12	mg/kg	U	Z
SS400293	0	2	IN	SS40018AE	MERCURY	7439-97-6	0.3	0.14	mg/kg	BN	J
SS400393	0	2	IN	SS40019AE	MERCURY	7439-97-6	0.2	0.2	mg/kg	N	J
SS400593	0	2	IN	SS40021AE	MERCURY	7439-97-6	0.2	0.78	mg/kg	N	J
SS400693	0	2	IN	SS40022AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	UN	V
SS400893	0	2	IN	SS40024AE	MERCURY	7439-97-6	0.05	0.06	mg/kg	U	V
SS401193	0	2	IN	SS40027AE	MERCURY	7439-97-6	0.06	0.07	mg/kg	U	V
SS401293	0	2	IN	SS40028AE	MERCURY	7439-97-6	0.2	0.05	mg/kg	UN	J
SS401593	0	2	IN	SS40031AE	MERCURY	7439-97-6	0.3	0.08	mg/kg	BN	J
SS401693	0	2	IN	SS40032AE	MERCURY	7439-97-6	0.04	0.05	mg/kg	U	V
SS401893	0	2	IN	SS40034AE	MERCURY	7439-97-6	0.04	0.05	mg/kg	U	V
SS402393	0	2	IN	SS40039AE	MERCURY	7439-97-6	0.05	0.05	mg/kg	U	V
SS402593	0	2	IN	SS40041AE	MERCURY	7439-97-6	0.05	0.06	mg/kg	U	V
SS402793	0	2	IN	SS40043AE	MERCURY	7439-97-6	0.2	1.8	mg/kg	N	J
SS402893	0	2	IN	SS40044AE	MERCURY	7439-97-6	0.2	0.34	mg/kg	N	J
SS402993	0	2	IN	SS40045AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	UN	J
SS403093	0	2	IN	SS40046AE	MERCURY	7439-97-6	0.2	1.7	mg/kg	N	J
SS403193	0	2	IN	SS40047AE	MERCURY	7439-97-6	0.2	0.13	mg/kg	UN	V
SS403293	0	2	IN	SS40048AE	MERCURY	7439-97-6	0.2	0.15	mg/kg	UN	V
SS403393	0	2	IN	SS40049AE	MERCURY	7439-97-6	0.2	0.14	mg/kg	UN	J
SS403493	0	2	IN	SS40050AE	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
SS403593	0	2	IN	SS40051AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	V
SS403693	0	2	IN	SS40052AE	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
SS606292	0	2	IN	SS60062WC	MERCURY	7439-97-6	0.1	0.06	mg/kg	U	V
SS620292	0	2	IN	SS60202WC	MERCURY	7439-97-6	0.1	0.07	mg/kg	U	V
SS810893	0	3	IN	SSG0102JE	MERCURY	7439-97-6	0.2	0.052	mg/kg	U	V
SS811193	0	3	IN	SSG0105JE	MERCURY	7439-97-6	0.2	0.052	mg/kg	U	V
SS811493	0	3	IN	SSG0108JE	MERCURY	7439-97-6	0.2	0.052	mg/kg	U	V
05093	0	2	IN	SS00002AE	MOLYBDENUM	7439-98-7	20	4.3	mg/kg	U	J
05193	0	2	IN	SS00003AE	MOLYBDENUM	7439-98-7	20	4.5	mg/kg	U	J
05393	0	2	IN	SS00005AE	MOLYBDENUM	7439-98-7	20	4.4	mg/kg	U	J
40093	0	2	IN	SS40060AE	MOLYBDENUM	7439-98-7	55	5.5	mg/kg	U	J
40293	0	2	IN	SS40042AE	MOLYBDENUM	7439-98-7	57	5.7	mg/kg	U	J
40393	0	2	IN	SS40053AE	MOLYBDENUM	7439-98-7	52	5.2	mg/kg	U	J
40693	0	2	IN	SS40057AE	MOLYBDENUM	7439-98-7	20	7.5	mg/kg	U	J
40793	0	2	IN	SS40058AE	MOLYBDENUM	7439-98-7	20	6.7	mg/kg	U	J
40893	0	2	IN	SS40004AE	MOLYBDENUM	7439-98-7	48.3	4.8	mg/kg	U	V
40993	0	2	IN	SS40072AE	MOLYBDENUM	7439-98-7	20	4.7	mg/kg	U	J
41193	0	2	IN	SS40007AE	MOLYBDENUM	7439-98-7	72	7.2	mg/kg	U	J
41293	0	2	IN	SS40071AE	MOLYBDENUM	7439-98-7	20	6	mg/kg	U	J
41593	4	6	IN	SS40073AE	MOLYBDENUM	7439-98-7	20	4.2	mg/kg	U	J
41693	0	2	IN	SS40410AE	MOLYBDENUM	7439-98-7	53	5.3	mg/kg	U	J
41793	0	2	IN	SS40077AE	MOLYBDENUM	7439-98-7	46	4.6	mg/kg	U	J
41993	0	2	IN	SS40009AE	MOLYBDENUM	7439-98-7	48	4.8	mg/kg	U	J
42093	0	2	IN	SS40480AE	MOLYBDENUM	7439-98-7	41	4.1	mg/kg	U	J
42193	4	6	IN	SS40012AE	MOLYBDENUM	7439-98-7	20	4.2	mg/kg	U	V
42293	0	2	IN	SS40078AE	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	J
42393	0	2	IN	SS40079AE	MOLYBDENUM	7439-98-7	43	4.3	mg/kg	U	J
42593	4	6	IN	SS40082AE	MOLYBDENUM	7439-98-7	20	4.2	mg/kg	U	V
42693	0	2	IN	SS40080AE	MOLYBDENUM	7439-98-7	62	6.2	mg/kg	U	J
42993	0	2	IN	SS40056AE	MOLYBDENUM	7439-98-7	46	4.6	mg/kg	U	J
43193	0	2	IN	SS40084AE	MOLYBDENUM	7439-98-7	44	4.4	mg/kg	U	J
43393	4	6	IN	SS40087AE	MOLYBDENUM	7439-98-7	20	4.2	mg/kg	U	V
43493	0	2	IN	SS40086AE	MOLYBDENUM	7439-98-7	20	4.6	mg/kg	U	J
43693	4	6	IN	SS40089AE	MOLYBDENUM	7439-98-7	20	4.1	mg/kg	U	V
43793	0	2	IN	SS40088AE	MOLYBDENUM	7439-98-7	47	4.7	mg/kg	U	J
43893	0	2	IN	SS40010AE	MOLYBDENUM	7439-98-7	47	4.7	mg/kg	U	J
43993	0	2	IN	SS40091AE	MOLYBDENUM	7439-98-7	45	4.5	mg/kg	U	J
44093	0	2	IN	SS40090AE	MOLYBDENUM	7439-98-7	48	4.8	mg/kg	U	J
44393	0	2	IN	SS40005AE	MOLYBDENUM	7439-98-7	46	4.6	mg/kg	U	J
44593	0	2	IN	SS40001AE	MOLYBDENUM	7439-98-7	44	4.4	mg/kg	U	V
44893	0	2	IN	SS40070AE	MOLYBDENUM	7439-98-7	58	5.8	mg/kg	U	J
45693	0	2	IN	SS40094AE	MOLYBDENUM	7439-98-7	20	5.8	mg/kg	U	J
45793	0	2	IN	SS40015AE	MOLYBDENUM	7439-98-7	20	5.6	mg/kg	U	J
46193	0	2	IN	SS40096AE	MOLYBDENUM	7439-98-7	20	4.9	mg/kg	U	J
46693	4	6	IN	SS40141AE	MOLYBDENUM	7439-98-7	40	1	mg/kg	U	V
46793	4	6	IN	SS40142AE	MOLYBDENUM	7439-98-7	40	1.1	mg/kg	U	V
46893	4	6	IN	SS40143AE	MOLYBDENUM	7439-98-7	200	1.5	mg/kg	U	J
47093	0	1	IN	SS40145AE	MOLYBDENUM	7439-98-7	200	1.6	mg/kg	U	J
48195	0	0	FT	AS00001PE	MOLYBDENUM	7439-98-7	2.4	2.4	mg/kg	U	Z
48295	0	0	FT	AS00002PE	MOLYBDENUM	7439-98-7	2.4	2.4	mg/kg	U	Z
48395	0	0	FT	AS00003PE	MOLYBDENUM	7439-98-7	2.8	2.8	mg/kg	U	Z
SS400293	0	2	IN	SS40018AE	MOLYBDENUM	7439-98-7	57	5.7	mg/kg	U	V
SS400393	0	2	IN	SS40019AE	MOLYBDENUM	7439-98-7	20	4.3	mg/kg	U	J
SS400593	0	2	IN	SS40021AE	MOLYBDENUM	7439-98-7	20	4.1	mg/kg	U	J

192

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS400693	0	2	IN	SS40022AE	MOLYBDENUM	7439-98-7	20	4.3	mg/kg	U	J
SS400793	0	2	IN	SS40023AE	MOLYBDENUM	7439-98-7	46.5	4.7	mg/kg	U	V
SS400893	0	2	IN	SS40024AE	MOLYBDENUM	7439-98-7	52	5.2	mg/kg	U	J
SS401193	0	2	IN	SS40027AE	MOLYBDENUM	7439-98-7	56	5.6	mg/kg	U	J
SS401293	0	2	IN	SS40028AE	MOLYBDENUM	7439-98-7	44.8	4.5	mg/kg	U	V
SS401393	0	2	IN	SS40029AE	MOLYBDENUM	7439-98-7	57.8	5.8	mg/kg	U	V
SS401593	0	2	IN	SS40031AE	MOLYBDENUM	7439-98-7	51.7	5.2	mg/kg	U	V
SS401693	0	2	IN	SS40032AE	MOLYBDENUM	7439-98-7	42	4.2	mg/kg	U	J
SS401893	0	2	IN	SS40034AE	MOLYBDENUM	7439-98-7	44	4.4	mg/kg	U	J
SS402393	0	2	IN	SS40039AE	MOLYBDENUM	7439-98-7	46	4.6	mg/kg	U	J
SS402593	0	2	IN	SS40041AE	MOLYBDENUM	7439-98-7	54	5.4	mg/kg	U	J
SS402793	0	2	IN	SS40043AE	MOLYBDENUM	7439-98-7	20	4.2	mg/kg	U	J
SS402893	0	2	IN	SS40044AE	MOLYBDENUM	7439-98-7	20	4.2	mg/kg	U	J
SS402993	0	2	IN	SS40045AE	MOLYBDENUM	7439-98-7	20	4.2	mg/kg	U	J
SS403093	0	2	IN	SS40046AE	MOLYBDENUM	7439-98-7	20	9.9	mg/kg	U	J
SS403193	0	2	IN	SS40047AE	MOLYBDENUM	7439-98-7	20	5.3	mg/kg	U	J
SS403293	0	2	IN	SS40048AE	MOLYBDENUM	7439-98-7	20	6.2	mg/kg	U	J
SS403393	0	2	IN	SS40049AE	MOLYBDENUM	7439-98-7	20	5.8	mg/kg	U	J
SS403493	0	2	IN	SS40050AE	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	J
SS403593	0	2	IN	SS40051AE	MOLYBDENUM	7439-98-7	20	4.5	mg/kg	U	J
SS403693	0	2	IN	SS40052AE	MOLYBDENUM	7439-98-7	20	4.9	mg/kg	U	J
SS606292	0	2	IN	SS60062WC	MOLYBDENUM	7439-98-7	40	4.3	mg/kg	U	V
SS620292	0	2	IN	SS60202WC	MOLYBDENUM	7439-98-7	40	3	mg/kg	U	V
SS810893	0	3	IN	SSG0102JE	MOLYBDENUM	7439-98-7	200	0.85	mg/kg	U	J
SS811193	0	3	IN	SSG0105JE	MOLYBDENUM	7439-98-7	200	0.58	mg/kg	U	J
SS811493	0	3	IN	SSG0108JE	MOLYBDENUM	7439-98-7	200	0.91	mg/kg	U	J
05093	0	2	IN	SS00002AE	NICKEL	7440-02-0	20	20.5	mg/kg		V
05193	0	2	IN	SS00003AE	NICKEL	7440-02-0	20	9.8	mg/kg		J
05393	0	2	IN	SS00005AE	NICKEL	7440-02-0	20	4.4	mg/kg	U	V
40093	0	2	IN	SS40060AE	NICKEL	7440-02-0	11	12.8	mg/kg		V
40293	0	2	IN	SS40042AE	NICKEL	7440-02-0	11	16.5	mg/kg		V
40393	0	2	IN	SS40053AE	NICKEL	7440-02-0	10	14	mg/kg		V
40693	0	2	IN	SS40057AE	NICKEL	7440-02-0	20	11.1	mg/kg	B	J
40793	0	2	IN	SS40058AE	NICKEL	7440-02-0	20	11.6	mg/kg	B	J
40893	0	2	IN	SS40004AE	NICKEL	7440-02-0	9.7	14.7	mg/kg		V
40993	0	2	IN	SS40072AE	NICKEL	7440-02-0	20	13	mg/kg		J
41193	0	2	IN	SS40007AE	NICKEL	7440-02-0	14	15	mg/kg		V
41293	0	2	IN	SS40071AE	NICKEL	7440-02-0	20	13.8	mg/kg		J
41593	4	6	IN	SS40073AE	NICKEL	7440-02-0	20	8.7	mg/kg		J
41693	0	2	IN	SS40410AE	NICKEL	7440-02-0	11	21	mg/kg		V
41793	0	2	IN	SS40077AE	NICKEL	7440-02-0	9	14.5	mg/kg		V
41993	0	2	IN	SS40009AE	NICKEL	7440-02-0	10	7.4	mg/kg	B	V
42093	0	2	IN	SS40480AE	NICKEL	7440-02-0	8	4.1	mg/kg	U	V
42193	4	6	IN	SS40012AE	NICKEL	7440-02-0	20	10	mg/kg		V
42293	0	2	IN	SS40078AE	NICKEL	7440-02-0	20	17	mg/kg		J
42393	0	2	IN	SS40079AE	NICKEL	7440-02-0	9	6.3	mg/kg	B	V
42593	4	6	IN	SS40082AE	NICKEL	7440-02-0	20	8.5	mg/kg		V
42693	0	2	IN	SS40080AE	NICKEL	7440-02-0	12	16.9	mg/kg		V
42993	0	2	IN	SS40056AE	NICKEL	7440-02-0	9	11.5	mg/kg		V
43193	0	2	IN	SS40084AE	NICKEL	7440-02-0	9	10	mg/kg		V
43393	4	6	IN	SS40087AE	NICKEL	7440-02-0	20	10.1	mg/kg		V
43493	0	2	IN	SS40086AE	NICKEL	7440-02-0	20	6.1	mg/kg	B	J
43693	4	6	IN	SS40089AE	NICKEL	7440-02-0	20	9.6	mg/kg		V
43793	0	2	IN	SS40088AE	NICKEL	7440-02-0	9	16.8	mg/kg		V
43893	0	2	IN	SS40010AE	NICKEL	7440-02-0	9	18.1	mg/kg		V
43993	0	2	IN	SS40091AE	NICKEL	7440-02-0	9	4.9	mg/kg	B	V
44093	0	2	IN	SS40090AE	NICKEL	7440-02-0	10	9.3	mg/kg	B	V
44393	0	2	IN	SS40005AE	NICKEL	7440-02-0	9	8.1	mg/kg	B	V
44593	0	2	IN	SS40001AE	NICKEL	7440-02-0	8.8	13.1	mg/kg		V
44893	0	2	IN	SS40070AE	NICKEL	7440-02-0	12	13.7	mg/kg		V
45693	0	2	IN	SS40094AE	NICKEL	7440-02-0	20	10.7	mg/kg	B	V
45793	0	2	IN	SS40015AE	NICKEL	7440-02-0	20	19.2	mg/kg		V
46193	0	2	IN	SS40096AE	NICKEL	7440-02-0	20	18.2	mg/kg		V
46693	4	6	IN	SS40141AE	NICKEL	7440-02-0	8	26.8	mg/kg		V
46793	4	6	IN	SS40142AE	NICKEL	7440-02-0	8	21.4	mg/kg		V
46893	4	6	IN	SS40143AE	NICKEL	7440-02-0	40	12.3	mg/kg		V
47093	0	1	IN	SS40145AE	NICKEL	7440-02-0	40	13.5	mg/kg		V
48195	0	0	FT	AS00001PE	NICKEL	7440-02-0		10.4	mg/kg	B	Z
48295	0	0	FT	AS00002PE	NICKEL	7440-02-0		8.6	mg/kg	B	Z
48395	0	0	FT	AS00003PE	NICKEL	7440-02-0		7.8	mg/kg	B	Z
SS400293	0	2	IN	SS40018AE	NICKEL	7440-02-0	11.4	20.4	mg/kg		V
SS400393	0	2	IN	SS40019AE	NICKEL	7440-02-0	20	18.1	mg/kg		V
SS400593	0	2	IN	SS40021AE	NICKEL	7440-02-0	20	16.5	mg/kg		V
SS400693	0	2	IN	SS40022AE	NICKEL	7440-02-0	20	5.3	mg/kg	B	V
SS400793	0	2	IN	SS40023AE	NICKEL	7440-02-0	9.3	12.8	mg/kg		V

193

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS400893	0	2	IN	SS40024AE	NICKEL	7440-02-0	10	11.5	mg/kg		V
SS401193	0	2	IN	SS40027AE	NICKEL	7440-02-0	11	15.1	mg/kg		V
SS401293	0	2	IN	SS40028AE	NICKEL	7440-02-0	9	11.2	mg/kg		V
SS401393	0	2	IN	SS40029AE	NICKEL	7440-02-0	11.6	11.5	mg/kg	B	V
SS401593	0	2	IN	SS40031AE	NICKEL	7440-02-0	10.3	14.4	mg/kg		V
SS401693	0	2	IN	SS40032AE	NICKEL	7440-02-0	8	4.2	mg/kg	U	V
SS401893	0	2	IN	SS40034AE	NICKEL	7440-02-0	9	7.2	mg/kg	B	V
SS402393	0	2	IN	SS40039AE	NICKEL	7440-02-0	9	4.6	mg/kg	U	V
SS402593	0	2	IN	SS40041AE	NICKEL	7440-02-0	11	11.3	mg/kg		V
SS402793	0	2	IN	SS40043AE	NICKEL	7440-02-0	20	13.7	mg/kg		V
SS402893	0	2	IN	SS40044AE	NICKEL	7440-02-0	20	14.7	mg/kg		V
SS402993	0	2	IN	SS40045AE	NICKEL	7440-02-0	20	12.6	mg/kg		V
SS403093	0	2	IN	SS40046AE	NICKEL	7440-02-0	20	176	mg/kg		V
SS403193	0	2	IN	SS40047AE	NICKEL	7440-02-0	20	13.2	mg/kg		V
SS403293	0	2	IN	SS40048AE	NICKEL	7440-02-0	20	13	mg/kg		V
SS403393	0	2	IN	SS40049AE	NICKEL	7440-02-0	20	18.3	mg/kg		V
SS403493	0	2	IN	SS40050AE	NICKEL	7440-02-0	20	15.7	mg/kg		V
SS403593	0	2	IN	SS40051AE	NICKEL	7440-02-0	20	11.4	mg/kg		V
SS403693	0	2	IN	SS40052AE	NICKEL	7440-02-0	20	18.9	mg/kg		V
SS606292	0	2	IN	SS60062WC	NICKEL	7440-02-0	8	12.3	mg/kg		V
SS620292	0	2	IN	SS60202WC	NICKEL	7440-02-0	8	18.2	mg/kg		J
SS810893	0	3	IN	SSG0102JE	NICKEL	7440-02-0	40	4.6	mg/kg	B	V
SS811193	0	3	IN	SSG0105JE	NICKEL	7440-02-0	40	3	mg/kg	B	V
SS811493	0	3	IN	SSG0108JE	NICKEL	7440-02-0	40	11.3	mg/kg		V
05093	0	2	IN	SS00002AE	POTASSIUM	7440-09-7	1000	8310	mg/kg		V
05193	0	2	IN	SS00003AE	POTASSIUM	7440-09-7	1000	1760	mg/kg		J
05393	0	2	IN	SS00005AE	POTASSIUM	7440-09-7	1000	218	mg/kg	U	V
40093	0	2	IN	SS40060AE	POTASSIUM	7440-09-7	1372	1430	mg/kg		V
40293	0	2	IN	SS40042AE	POTASSIUM	7440-09-7	2829	1320	mg/kg	B	J
40393	0	2	IN	SS40053AE	POTASSIUM	7440-09-7	1295	2600	mg/kg		V
40693	0	2	IN	SS40057AE	POTASSIUM	7440-09-7	1000	1750	mg/kg	B	V
40793	0	2	IN	SS40058AE	POTASSIUM	7440-09-7	1000	2800	mg/kg		V
40893	0	2	IN	SS40004AE	POTASSIUM	7440-09-7	2415.5	2630	mg/kg		V
40993	0	2	IN	SS40072AE	POTASSIUM	7440-09-7	1000	2940	mg/kg		V
41193	0	2	IN	SS40007AE	POTASSIUM	7440-09-7	1802	2290	mg/kg		V
41293	0	2	IN	SS40071AE	POTASSIUM	7440-09-7	1000	2420	mg/kg		V
41593	4	6	IN	SS40073AE	POTASSIUM	7440-09-7	1000	6230	mg/kg		J
41693	0	2	IN	SS40410AE	POTASSIUM	7440-09-7	1337	3850	mg/kg		V
41793	0	2	IN	SS40077AE	POTASSIUM	7440-09-7	1138	2380	mg/kg		V
41993	0	2	IN	SS40009AE	POTASSIUM	7440-09-7	1192	2030	mg/kg		V
42093	0	2	IN	SS40480AE	POTASSIUM	7440-09-7	1030	749	mg/kg	B	V
42193	4	6	IN	SS40012AE	POTASSIUM	7440-09-7	1000	2950	mg/kg		V
42293	0	2	IN	SS40078AE	POTASSIUM	7440-09-7	1000	2940	mg/kg		J
42393	0	2	IN	SS40079AE	POTASSIUM	7440-09-7	2141	1750	mg/kg		J
42593	4	6	IN	SS40082AE	POTASSIUM	7440-09-7	1000	2520	mg/kg		V
42693	0	2	IN	SS40080AE	POTASSIUM	7440-09-7	1550	2610	mg/kg		V
42993	0	2	IN	SS40056AE	POTASSIUM	7440-09-7	2281	1180	mg/kg		J
43193	0	2	IN	SS40084AE	POTASSIUM	7440-09-7	1101	1540	mg/kg		V
43393	4	6	IN	SS40087AE	POTASSIUM	7440-09-7	1000	4270	mg/kg		V
43493	0	2	IN	SS40086AE	POTASSIUM	7440-09-7	1000	1240	mg/kg		J
43693	4	6	IN	SS40089AE	POTASSIUM	7440-09-7	1000	3370	mg/kg		V
43793	0	2	IN	SS40088AE	POTASSIUM	7440-09-7	1167	2350	mg/kg		V
43893	0	2	IN	SS40010AE	POTASSIUM	7440-09-7	1182	1930	mg/kg		V
43993	0	2	IN	SS40091AE	POTASSIUM	7440-09-7	1130	574	mg/kg	B	V
44093	0	2	IN	SS40090AE	POTASSIUM	7440-09-7	1192	1280	mg/kg		V
44393	0	2	IN	SS40005AE	POTASSIUM	7440-09-7	2294	1210	mg/kg		J
44593	0	2	IN	SS40001AE	POTASSIUM	7440-09-7	2199.5	2100	mg/kg		V
44893	0	2	IN	SS40070AE	POTASSIUM	7440-09-7	1449	2600	mg/kg		V
45693	0	2	IN	SS40094AE	POTASSIUM	7440-09-7	1000	1540	mg/kg		V
45793	0	2	IN	SS40015AE	POTASSIUM	7440-09-7	1000	3080	mg/kg		V
46193	0	2	IN	SS40096AE	POTASSIUM	7440-09-7	1000	4680	mg/kg		J
46693	4	6	IN	SS40141AE	POTASSIUM	7440-09-7	1000	7290	mg/kg		V
46793	4	6	IN	SS40142AE	POTASSIUM	7440-09-7	1000	6130	mg/kg		V
46893	4	6	IN	SS40143AE	POTASSIUM	7440-09-7	5000	1880	mg/kg		V
47093	0	1	IN	SS40145AE	POTASSIUM	7440-09-7	5000	1720	mg/kg		V
48195	0	0	FT	AS00001PE	POTASSIUM	7440-09-7		2800	mg/kg		Z
48295	0	0	FT	AS00002PE	POTASSIUM	7440-09-7		2300	mg/kg		Z
48395	0	0	FT	AS00003PE	POTASSIUM	7440-09-7		3110	mg/kg		Z
SS400293	0	2	IN	SS40018AE	POTASSIUM	7440-09-7	2848.6	3720	mg/kg		V
SS400393	0	2	IN	SS40019AE	POTASSIUM	7440-09-7	1000	2990	mg/kg		V
SS400593	0	2	IN	SS40021AE	POTASSIUM	7440-09-7	1000	2830	mg/kg		V
SS400693	0	2	IN	SS40022AE	POTASSIUM	7440-09-7	1000	1560	mg/kg		V
SS400793	0	2	IN	SS40023AE	POTASSIUM	7440-09-7	2325.3	1660	mg/kg		V
SS400893	0	2	IN	SS40024AE	POTASSIUM	7440-09-7	1305	2210	mg/kg		V
SS401193	0	2	IN	SS40027AE	POTASSIUM	7440-09-7	1408	1960	mg/kg		V

194

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS401293	0	2	IN	SS40028AE	POTASSIUM	7440-09-7	2240.1	1320	mg/kg		V
SS401393	0	2	IN	SS40029AE	POTASSIUM	7440-09-7	2890.6	5060	mg/kg		V
SS401593	0	2	IN	SS40031AE	POTASSIUM	7440-09-7	2587.3	3160	mg/kg		V
SS401693	0	2	IN	SS40032AE	POTASSIUM	7440-09-7	1062	874	mg/kg	B	V
SS401893	0	2	IN	SS40034AE	POTASSIUM	7440-09-7	1101	1540	mg/kg		V
SS402393	0	2	IN	SS40039AE	POTASSIUM	7440-09-7	1157	942	mg/kg	B	V
SS402593	0	2	IN	SS40041AE	POTASSIUM	7440-09-7	1342	1480	mg/kg		V
SS402793	0	2	IN	SS40043AE	POTASSIUM	7440-09-7	1000	1930	mg/kg		V
SS402893	0	2	IN	SS40044AE	POTASSIUM	7440-09-7	1000	3400	mg/kg		V
SS402993	0	2	IN	SS40045AE	POTASSIUM	7440-09-7	1000	2710	mg/kg		V
SS403093	0	2	IN	SS40046AE	POTASSIUM	7440-09-7	1000	6620	mg/kg		V
SS403193	0	2	IN	SS40047AE	POTASSIUM	7440-09-7	1000	5650	mg/kg		V
SS403293	0	2	IN	SS40048AE	POTASSIUM	7440-09-7	1000	2770	mg/kg		V
SS403393	0	2	IN	SS40049AE	POTASSIUM	7440-09-7	1000	2770	mg/kg		V
SS403493	0	2	IN	SS40050AE	POTASSIUM	7440-09-7	1000	1950	mg/kg		V
SS403593	0	2	IN	SS40051AE	POTASSIUM	7440-09-7	1000	1530	mg/kg		V
SS403693	0	2	IN	SS40052AE	POTASSIUM	7440-09-7	1000	2280	mg/kg		V
SS606292	0	2	IN	SS60062WC	POTASSIUM	7440-09-7	1000	1420	mg/kg		V
SS620292	0	2	IN	SS60202WC	POTASSIUM	7440-09-7	1000	1210	mg/kg	B	V
SS810893	0	3	IN	SSG0102JE	POTASSIUM	7440-09-7	5000	1060	mg/kg		V
SS811193	0	3	IN	SSG0105JE	POTASSIUM	7440-09-7	5000	481	mg/kg	B	V
SS811493	0	3	IN	SSG0108JE	POTASSIUM	7440-09-7	5000	2110	mg/kg		V
05093	0	2	IN	SS00002AE	SELENIUM	7782-49-2	2	0.43	mg/kg	U	V
05193	0	2	IN	SS00003AE	SELENIUM	7782-49-2	2	0.45	mg/kg	UWN	J
05393	0	2	IN	SS00005AE	SELENIUM	7782-49-2	2	0.44	mg/kg	UW	J
40093	0	2	IN	SS40060AE	SELENIUM	7782-49-2	1	0.55	mg/kg	U	V
40293	0	2	IN	SS40042AE	SELENIUM	7782-49-2	1	0.57	mg/kg	U	J
40393	0	2	IN	SS40053AE	SELENIUM	7782-49-2	1	0.52	mg/kg	UN	J
40693	0	2	IN	SS40057AE	SELENIUM	7782-49-2	2	0.75	mg/kg	UN	J
40793	0	2	IN	SS40058AE	SELENIUM	7782-49-2	2	0.67	mg/kg	UN	J
40893	0	2	IN	SS40004AE	SELENIUM	7782-49-2	1.2	0.48	mg/kg	U	V
40993	0	2	IN	SS40072AE	SELENIUM	7782-49-2	2	0.47	mg/kg	UN	J
41193	0	2	IN	SS40007AE	SELENIUM	7782-49-2	2	0.72	mg/kg	UN	J
41293	0	2	IN	SS40071AE	SELENIUM	7782-49-2	2	0.6	mg/kg	UN	J
41593	4	6	IN	SS40073AE	SELENIUM	7782-49-2	2	0.42	mg/kg	UN	J
41693	0	2	IN	SS40410AE	SELENIUM	7782-49-2	1	0.53	mg/kg	U	V
41793	0	2	IN	SS40077AE	SELENIUM	7782-49-2	1	0.46	mg/kg	UN	J
41993	0	2	IN	SS40009AE	SELENIUM	7782-49-2	1	0.48	mg/kg	U	V
42093	0	2	IN	SS40480AE	SELENIUM	7782-49-2	1	0.41	mg/kg	U	V
42193	4	6	IN	SS40012AE	SELENIUM	7782-49-2	2	0.42	mg/kg	U	V
42293	0	2	IN	SS40078AE	SELENIUM	7782-49-2	2	0.48	mg/kg	UN	J
42393	0	2	IN	SS40079AE	SELENIUM	7782-49-2	1	0.43	mg/kg	UW	J
42593	4	6	IN	SS40082AE	SELENIUM	7782-49-2	2	0.42	mg/kg	U	V
42693	0	2	IN	SS40080AE	SELENIUM	7782-49-2	2	0.62	mg/kg	UN	J
42993	0	2	IN	SS40056AE	SELENIUM	7782-49-2	1	0.46	mg/kg	UW	J
43193	0	2	IN	SS40084AE	SELENIUM	7782-49-2	1	0.44	mg/kg	UN	J
43393	4	6	IN	SS40087AE	SELENIUM	7782-49-2	2	0.42	mg/kg	UW	J
43493	0	2	IN	SS40086AE	SELENIUM	7782-49-2	2	0.46	mg/kg	UN	J
43693	4	6	IN	SS40089AE	SELENIUM	7782-49-2	2	0.41	mg/kg	U	V
43793	0	2	IN	SS40088AE	SELENIUM	7782-49-2	1	0.47	mg/kg	U	V
43893	0	2	IN	SS40010AE	SELENIUM	7782-49-2	1	0.47	mg/kg	UN	J
43993	0	2	IN	SS40091AE	SELENIUM	7782-49-2	1	0.45	mg/kg	UN	J
44093	0	2	IN	SS40090AE	SELENIUM	7782-49-2	1	0.48	mg/kg	UWN	J
44393	0	2	IN	SS40005AE	SELENIUM	7782-49-2	1	0.46	mg/kg	U	V
44593	0	2	IN	SS40001AE	SELENIUM	7782-49-2	1.1	0.44	mg/kg	U	V
44893	0	2	IN	SS40070AE	SELENIUM	7782-49-2	1	0.58	mg/kg	U	V
45693	0	2	IN	SS40094AE	SELENIUM	7782-49-2	2	0.58	mg/kg	U	V
45793	0	2	IN	SS40015AE	SELENIUM	7782-49-2	2	0.56	mg/kg	U	V
46193	0	2	IN	SS40096AE	SELENIUM	7782-49-2	2	0.49	mg/kg	U	V
46693	4	6	IN	SS40141AE	SELENIUM	7782-49-2	1	0.18	mg/kg	U	J
46793	4	6	IN	SS40142AE	SELENIUM	7782-49-2	1	0.18	mg/kg	U	J
46893	4	6	IN	SS40143AE	SELENIUM	7782-49-2	5	0.22	mg/kg	U	V
47093	0	1	IN	SS40145AE	SELENIUM	7782-49-2	5	0.22	mg/kg	U	V
48195	0	0	FT	AS00001PE	SELENIUM	7782-49-2		0.48	mg/kg	BWN	Z
48295	0	0	FT	AS00002PE	SELENIUM	7782-49-2	0.64	0.33	mg/kg	BWN	Z
48395	0	0	FT	AS00003PE	SELENIUM	7782-49-2	0.49	0.47	mg/kg	BWN	Z
SS400293	0	2	IN	SS40018AE	SELENIUM	7782-49-2	1.4	0.57	mg/kg	U	V
SS400393	0	2	IN	SS40019AE	SELENIUM	7782-49-2	2	0.43	mg/kg	UW	V
SS400593	0	2	IN	SS40021AE	SELENIUM	7782-49-2	2	0.41	mg/kg	UW	V
SS400693	0	2	IN	SS40022AE	SELENIUM	7782-49-2	2	0.43	mg/kg	UW	V
SS400793	0	2	IN	SS40023AE	SELENIUM	7782-49-2	1.2	0.47	mg/kg	UW	J
SS400893	0	2	IN	SS40024AE	SELENIUM	7782-49-2	1	0.52	mg/kg	UN	J
SS401193	0	2	IN	SS40027AE	SELENIUM	7782-49-2	1	0.56	mg/kg	UWN	J
SS401293	0	2	IN	SS40028AE	SELENIUM	7782-49-2	1.1	0.45	mg/kg	U	V
SS401393	0	2	IN	SS40029AE	SELENIUM	7782-49-2	1.4	0.58	mg/kg	U	V

195

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS401593	0	2	IN	SS40031AE	SELENIUM	7782-49-2	1.3	0.52	mg/kg	U	V
SS401693	0	2	IN	SS40032AE	SELENIUM	7782-49-2	1	0.42	mg/kg	UWN	J
SS401893	0	2	IN	SS40034AE	SELENIUM	7782-49-2	1	0.44	mg/kg	UN	J
SS402393	0	2	IN	SS40039AE	SELENIUM	7782-49-2	1	0.46	mg/kg	UN	J
SS402593	0	2	IN	SS40041AE	SELENIUM	7782-49-2	1	0.54	mg/kg	UN	J
SS402793	0	2	IN	SS40043AE	SELENIUM	7782-49-2	2	0.42	mg/kg	U	V
SS402893	0	2	IN	SS40044AE	SELENIUM	7782-49-2	2	0.42	mg/kg	UW	V
SS402993	0	2	IN	SS40045AE	SELENIUM	7782-49-2	2	0.42	mg/kg	U	V
SS403093	0	2	IN	SS40046AE	SELENIUM	7782-49-2	2	0.99	mg/kg	U	V
SS403193	0	2	IN	SS40047AE	SELENIUM	7782-49-2	2	0.56	mg/kg	B	V
SS403293	0	2	IN	SS40048AE	SELENIUM	7782-49-2	2	0.62	mg/kg	U	V
SS403393	0	2	IN	SS40049AE	SELENIUM	7782-49-2	2	0.58	mg/kg	UW	V
SS403493	0	2	IN	SS40050AE	SELENIUM	7782-49-2	2	0.48	mg/kg	UN	J
SS403593	0	2	IN	SS40051AE	SELENIUM	7782-49-2	2	0.45	mg/kg	UN	J
SS403693	0	2	IN	SS40052AE	SELENIUM	7782-49-2	2	0.49	mg/kg	UN	J
SS606292	0	2	IN	SS60062WC	SELENIUM	7782-49-2	1	0.45	mg/kg	U	J
SS620292	0	2	IN	SS60202WC	SELENIUM	7782-49-2	1	1	mg/kg	U	V
SS810893	0	3	IN	SSG0102JE	SELENIUM	7782-49-2	5	0.49	mg/kg	U	J
SS811193	0	3	IN	SSG0105JE	SELENIUM	7782-49-2	5	0.48	mg/kg	U	J
SS811493	0	3	IN	SSG0108JE	SELENIUM	7782-49-2	5	0.54	mg/kg	U	J
05093	0	2	IN	SS00002AE	SILICON	7440-21-3	100	6260	mg/kg		V
05193	0	2	IN	SS00003AE	SILICON	7440-21-3	100	9150	mg/kg		J
05393	0	2	IN	SS00005AE	SILICON	7440-21-3	100	21.8	mg/kg	U	V
40093	0	2	IN	SS40060AE	SILICON	7440-21-3	27	2340	mg/kg		J
40293	0	2	IN	SS40042AE	SILICON	7440-21-3	28	1190	mg/kg	N	J
40393	0	2	IN	SS40053AE	SILICON	7440-21-3	26	3550	mg/kg		J
40693	0	2	IN	SS40057AE	SILICON	7440-21-3	100	3880	mg/kg		J
40793	0	2	IN	SS40058AE	SILICON	7440-21-3	100	3430	mg/kg		J
40893	0	2	IN	SS40004AE	SILICON	7440-21-3	24.2	1860	mg/kg		J
40993	0	2	IN	SS40072AE	SILICON	7440-21-3	100	2890	mg/kg		J
41193	0	2	IN	SS40007AE	SILICON	7440-21-3	36	4530	mg/kg		J
41293	0	2	IN	SS40071AE	SILICON	7440-21-3	100	3320	mg/kg		J
41593	4	6	IN	SS40073AE	SILICON	7440-21-3	100	5370	mg/kg		J
41693	0	2	IN	SS40410AE	SILICON	7440-21-3	27	2020	mg/kg	E	J
41793	0	2	IN	SS40077AE	SILICON	7440-21-3	23	4300	mg/kg		J
41993	0	2	IN	SS40009AE	SILICON	7440-21-3	24	1550	mg/kg		J
42093	0	2	IN	SS40480AE	SILICON	7440-21-3	21	573	mg/kg		J
42193	4	6	IN	SS40012AE	SILICON	7440-21-3	100	1120	mg/kg	N	J
42293	0	2	IN	SS40078AE	SILICON	7440-21-3	100	10400	mg/kg		J
42393	0	2	IN	SS40079AE	SILICON	7440-21-3	21	808	mg/kg	N	J
42593	4	6	IN	SS40082AE	SILICON	7440-21-3	100	1140	mg/kg	N	J
42693	0	2	IN	SS40080AE	SILICON	7440-21-3	31	3920	mg/kg		J
42993	0	2	IN	SS40056AE	SILICON	7440-21-3	23	595	mg/kg	N	J
43193	0	2	IN	SS40084AE	SILICON	7440-21-3	22	3160	mg/kg		J
43393	4	6	IN	SS40087AE	SILICON	7440-21-3	100	997	mg/kg	N	J
43493	0	2	IN	SS40086AE	SILICON	7440-21-3	100	8430	mg/kg		J
43693	4	6	IN	SS40089AE	SILICON	7440-21-3	100	1110	mg/kg	N	J
43793	0	2	IN	SS40088AE	SILICON	7440-21-3	23	1280	mg/kg	E	J
43893	0	2	IN	SS40010AE	SILICON	7440-21-3	24	2610	mg/kg		J
43993	0	2	IN	SS40091AE	SILICON	7440-21-3	23	1970	mg/kg		J
44093	0	2	IN	SS40090AE	SILICON	7440-21-3	24	4400	mg/kg		J
44393	0	2	IN	SS40005AE	SILICON	7440-21-3	23	738	mg/kg	N	J
44593	0	2	IN	SS40001AE	SILICON	7440-21-3	22	1460	mg/kg		J
44893	0	2	IN	SS40070AE	SILICON	7440-21-3	29	1690	mg/kg		J
45693	0	2	IN	SS40094AE	SILICON	7440-21-3	100	9430	mg/kg		J
45793	0	2	IN	SS40015AE	SILICON	7440-21-3	100	1280	mg/kg		J
46193	0	2	IN	SS40096AE	SILICON	7440-21-3	100	4230	mg/kg		J
SS400293	0	2	IN	SS40018AE	SILICON	7440-21-3	28.5	2540	mg/kg		J
SS400393	0	2	IN	SS40019AE	SILICON	7440-21-3	100	6420	mg/kg		J
SS400593	0	2	IN	SS40021AE	SILICON	7440-21-3	100	3610	mg/kg		J
SS400693	0	2	IN	SS40022AE	SILICON	7440-21-3	100	4200	mg/kg		J
SS400793	0	2	IN	SS40023AE	SILICON	7440-21-3	23.3	1770	mg/kg		J
SS400893	0	2	IN	SS40024AE	SILICON	7440-21-3	26	3660	mg/kg		J
SS401193	0	2	IN	SS40027AE	SILICON	7440-21-3	28	3500	mg/kg		J
SS401293	0	2	IN	SS40028AE	SILICON	7440-21-3	22.4	1210	mg/kg		J
SS401393	0	2	IN	SS40029AE	SILICON	7440-21-3	28.9	2040	mg/kg		J
SS401593	0	2	IN	SS40031AE	SILICON	7440-21-3	25.9	1680	mg/kg		J
SS401693	0	2	IN	SS40032AE	SILICON	7440-21-3	21	1260	mg/kg		J
SS401893	0	2	IN	SS40034AE	SILICON	7440-21-3	22	1600	mg/kg		J
SS402393	0	2	IN	SS40039AE	SILICON	7440-21-3	23	2060	mg/kg		J
SS402593	0	2	IN	SS40041AE	SILICON	7440-21-3	27	3730	mg/kg		J
SS402793	0	2	IN	SS40043AE	SILICON	7440-21-3	100	4030	mg/kg		J
SS402893	0	2	IN	SS40044AE	SILICON	7440-21-3	100	4100	mg/kg		J
SS402993	0	2	IN	SS40045AE	SILICON	7440-21-3	100	4910	mg/kg		J
SS403093	0	2	IN	SS40046AE	SILICON	7440-21-3	100	11300	mg/kg		J

196

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS403193	0	2	IN	SS40047AE	SILICON	7440-21-3	100	11300	mg/kg		J
SS403293	0	2	IN	SS40048AE	SILICON	7440-21-3	100	10100	mg/kg		J
SS403393	0	2	IN	SS40049AE	SILICON	7440-21-3	100	6120	mg/kg		J
SS403493	0	2	IN	SS40050AE	SILICON	7440-21-3	100	2530	mg/kg	E	J
SS403593	0	2	IN	SS40051AE	SILICON	7440-21-3	100	2210	mg/kg	E	J
SS403693	0	2	IN	SS40052AE	SILICON	7440-21-3	100	2370	mg/kg	E	J
05093	0	2	IN	SS00002AE	SILVER	7440-22-4	10	2.9	mg/kg		V
05193	0	2	IN	SS00003AE	SILVER	7440-22-4	10	2.2	mg/kg	UN	J
05393	0	2	IN	SS00005AE	SILVER	7440-22-4	10	2.2	mg/kg	U	V
40093	0	2	IN	SS40060AE	SILVER	7440-22-4	3	2.7	mg/kg	UN	J
40293	0	2	IN	SS40042AE	SILVER	7440-22-4	3	2.8	mg/kg	UN	J
40393	0	2	IN	SS40053AE	SILVER	7440-22-4	3	2.6	mg/kg	UN	J
40693	0	2	IN	SS40057AE	SILVER	7440-22-4	10	3.7	mg/kg	UN	V
40793	0	2	IN	SS40058AE	SILVER	7440-22-4	10	3.4	mg/kg	UN	V
40893	0	2	IN	SS40004AE	SILVER	7440-22-4	2.4	2.4	mg/kg	UN	J
40993	0	2	IN	SS40072AE	SILVER	7440-22-4	10	3.6	mg/kg	N	V
41193	0	2	IN	SS40007AE	SILVER	7440-22-4	4	3.6	mg/kg	UN	J
41293	0	2	IN	SS40071AE	SILVER	7440-22-4	10	3	mg/kg	UN	V
41593	4	6	IN	SS40073AE	SILVER	7440-22-4	10	2.1	mg/kg	UN	J
41693	0	2	IN	SS40410AE	SILVER	7440-22-4	3	2.7	mg/kg	UN	J
41793	0	2	IN	SS40077AE	SILVER	7440-22-4	2	2.3	mg/kg	UN	J
41993	0	2	IN	SS40009AE	SILVER	7440-22-4	2	2.4	mg/kg	UN	J
42093	0	2	IN	SS40480AE	SILVER	7440-22-4	2	2.1	mg/kg	UN	J
42193	4	6	IN	SS40012AE	SILVER	7440-22-4	10	2.1	mg/kg	UN	V
42293	0	2	IN	SS40078AE	SILVER	7440-22-4	10	2.4	mg/kg	UN	J
42393	0	2	IN	SS40079AE	SILVER	7440-22-4	2	2.1	mg/kg	UN	J
42593	4	6	IN	SS40082AE	SILVER	7440-22-4	10	2.1	mg/kg	UN	V
42693	0	2	IN	SS40080AE	SILVER	7440-22-4	3	3.1	mg/kg	UN	J
42993	0	2	IN	SS40056AE	SILVER	7440-22-4	2	2.3	mg/kg	UN	J
43193	0	2	IN	SS40084AE	SILVER	7440-22-4	2	2.2	mg/kg	UN	J
43393	4	6	IN	SS40087AE	SILVER	7440-22-4	10	2.1	mg/kg	UN	V
43493	0	2	IN	SS40086AE	SILVER	7440-22-4	10	2.3	mg/kg	UN	J
43693	4	6	IN	SS40089AE	SILVER	7440-22-4	10	2.1	mg/kg	UN	V
43793	0	2	IN	SS40088AE	SILVER	7440-22-4	2	2.3	mg/kg	UN	J
43893	0	2	IN	SS40010AE	SILVER	7440-22-4	2	2.4	mg/kg	UN	J
43993	0	2	IN	SS40091AE	SILVER	7440-22-4	2	2.3	mg/kg	UN	J
44093	0	2	IN	SS40090AE	SILVER	7440-22-4	2	2.4	mg/kg	UN	J
44393	0	2	IN	SS40005AE	SILVER	7440-22-4	2	2.3	mg/kg	UN	J
44593	0	2	IN	SS40001AE	SILVER	7440-22-4	2.2	2.2	mg/kg	N	J
44893	0	2	IN	SS40070AE	SILVER	7440-22-4	3	2.9	mg/kg	UN	J
45693	0	2	IN	SS40094AE	SILVER	7440-22-4	10	2.9	mg/kg	UN	J
45793	0	2	IN	SS40015AE	SILVER	7440-22-4	10	2.8	mg/kg	UN	J
46193	0	2	IN	SS40096AE	SILVER	7440-22-4	10	2.5	mg/kg	UN	V
46693	4	6	IN	SS40141AE	SILVER	7440-22-4	2	0.9	mg/kg	U	V
46793	4	6	IN	SS40142AE	SILVER	7440-22-4	2	0.92	mg/kg	U	V
46893	4	6	IN	SS40143AE	SILVER	7440-22-4	10	0.66	mg/kg	U	V
47093	0	1	IN	SS40145AE	SILVER	7440-22-4	10	0.64	mg/kg	U	V
48195	0	0	FT	AS00001PE	SILVER	7440-22-4	0.81	0.81	mg/kg	U	Z
48295	0	0	FT	AS00002PE	SILVER	7440-22-4	0.8	0.8	mg/kg	U	Z
48395	0	0	FT	AS00003PE	SILVER	7440-22-4	0.93	0.93	mg/kg	U	Z
SS400293	0	2	IN	SS40018AE	SILVER	7440-22-4	2.8	2.8	mg/kg	UN	J
SS400393	0	2	IN	SS40019AE	SILVER	7440-22-4	5	1.1	mg/kg	UN	V
SS400593	0	2	IN	SS40021AE	SILVER	7440-22-4	5	1.6	mg/kg	BN	J
SS400693	0	2	IN	SS40022AE	SILVER	7440-22-4	5	1.1	mg/kg	UN	V
SS400793	0	2	IN	SS40023AE	SILVER	7440-22-4	2.3	2.3	mg/kg	UN	J
SS400893	0	2	IN	SS40024AE	SILVER	7440-22-4	3	2.6	mg/kg	UN	J
SS401193	0	2	IN	SS40027AE	SILVER	7440-22-4	3	2.8	mg/kg	UN	J
SS401293	0	2	IN	SS40028AE	SILVER	7440-22-4	2.2	2.2	mg/kg	UN	J
SS401393	0	2	IN	SS40029AE	SILVER	7440-22-4	2.9	2.9	mg/kg	UN	J
SS401593	0	2	IN	SS40031AE	SILVER	7440-22-4	2.6	2.6	mg/kg	UN	J
SS401693	0	2	IN	SS40032AE	SILVER	7440-22-4	2	2.1	mg/kg	UN	J
SS401893	0	2	IN	SS40034AE	SILVER	7440-22-4	2	2.2	mg/kg	UN	J
SS402393	0	2	IN	SS40039AE	SILVER	7440-22-4	2	2.3	mg/kg	UN	J
SS402593	0	2	IN	SS40041AE	SILVER	7440-22-4	3	2.7	mg/kg	UN	J
SS402793	0	2	IN	SS40043AE	SILVER	7440-22-4	5	1.3	mg/kg	BN	J
SS402893	0	2	IN	SS40044AE	SILVER	7440-22-4	5	2.6	mg/kg	N	J
SS402993	0	2	IN	SS40045AE	SILVER	7440-22-4	5	1.1	mg/kg	UN	V
SS403093	0	2	IN	SS40046AE	SILVER	7440-22-4	5	2.5	mg/kg	UN	V
SS403193	0	2	IN	SS40047AE	SILVER	7440-22-4	5	1.3	mg/kg	UN	V
SS403293	0	2	IN	SS40048AE	SILVER	7440-22-4	5	1.5	mg/kg	UN	V
SS403393	0	2	IN	SS40049AE	SILVER	7440-22-4	5	1.4	mg/kg	UN	V
SS403493	0	2	IN	SS40050AE	SILVER	7440-22-4	10	2.4	mg/kg	U	V
SS403593	0	2	IN	SS40051AE	SILVER	7440-22-4	10	2.3	mg/kg	U	V
SS403693	0	2	IN	SS40052AE	SILVER	7440-22-4	10	2.4	mg/kg	U	V
SS606292	0	2	IN	SS60062WC	SILVER	7440-22-4	2	1.4	mg/kg	U	V

197

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS620292	0	2	IN	SS60202WC	SILVER	7440-22-4	2	0.91	mg/kg	U	V
SS810893	0	3	IN	SSG0102JE	SILVER	7440-22-4	10	1.1	mg/kg	B	J
SS811193	0	3	IN	SSG0105JE	SILVER	7440-22-4	10	1.1	mg/kg	B	J
SS811493	0	3	IN	SSG0108JE	SILVER	7440-22-4	10	1.3	mg/kg	B	J
05093	0	2	IN	SS00002AE	SODIUM	7440-23-5	1000	1120	mg/kg		V
05193	0	2	IN	SS00003AE	SODIUM	7440-23-5	1000	230	mg/kg	U	J
05393	0	2	IN	SS00005AE	SODIUM	7440-23-5	1000	218	mg/kg	U	V
40093	0	2	IN	SS40060AE	SODIUM	7440-23-5	1372	274	mg/kg	U	V
40293	0	2	IN	SS40042AE	SODIUM	7440-23-5	2829	283	mg/kg	U	V
40393	0	2	IN	SS40053AE	SODIUM	7440-23-5	1295	259	mg/kg	U	V
40693	0	2	IN	SS40057AE	SODIUM	7440-23-5	1000	1150	mg/kg	B	V
40793	0	2	IN	SS40058AE	SODIUM	7440-23-5	1000	340	mg/kg	U	V
40893	0	2	IN	SS40004AE	SODIUM	7440-23-5	2415.5	242	mg/kg	U	V
40993	0	2	IN	SS40072AE	SODIUM	7440-23-5	1000	230	mg/kg	U	V
41193	0	2	IN	SS40007AE	SODIUM	7440-23-5	1802	360	mg/kg	U	V
41293	0	2	IN	SS40071AE	SODIUM	7440-23-5	1000	300	mg/kg	U	V
41593	4	6	IN	SS40073AE	SODIUM	7440-23-5	1000	3160	mg/kg		J
41693	0	2	IN	SS40410AE	SODIUM	7440-23-5	1337	841	mg/kg	B	V
41793	0	2	IN	SS40077AE	SODIUM	7440-23-5	1136	228	mg/kg	U	V
41993	0	2	IN	SS40009AE	SODIUM	7440-23-5	1192	238	mg/kg	U	V
42093	0	2	IN	SS40480AE	SODIUM	7440-23-5	1030	378	mg/kg	B	V
42193	4	6	IN	SS40012AE	SODIUM	7440-23-5	1000	1460	mg/kg		V
42293	0	2	IN	SS40078AE	SODIUM	7440-23-5	1000	240	mg/kg	U	J
42393	0	2	IN	SS40079AE	SODIUM	7440-23-5	2141	214	mg/kg	U	V
42593	4	6	IN	SS40082AE	SODIUM	7440-23-5	1000	988	mg/kg	B	V
42693	0	2	IN	SS40080AE	SODIUM	7440-23-5	1550	310	mg/kg	U	V
42993	0	2	IN	SS40056AE	SODIUM	7440-23-5	2281	381	mg/kg	B	V
43193	0	2	IN	SS40084AE	SODIUM	7440-23-5	1101	220	mg/kg	U	V
43393	4	6	IN	SS40087AE	SODIUM	7440-23-5	1000	1930	mg/kg		V
43493	0	2	IN	SS40086AE	SODIUM	7440-23-5	1000	230	mg/kg	U	J
43693	4	6	IN	SS40089AE	SODIUM	7440-23-5	1000	1070	mg/kg		V
43793	0	2	IN	SS40088AE	SODIUM	7440-23-5	1167	233	mg/kg	U	V
43893	0	2	IN	SS40010AE	SODIUM	7440-23-5	1182	236	mg/kg	U	V
43993	0	2	IN	SS40091AE	SODIUM	7440-23-5	1130	226	mg/kg	U	V
44093	0	2	IN	SS40090AE	SODIUM	7440-23-5	1192	238	mg/kg	U	V
44393	0	2	IN	SS40005AE	SODIUM	7440-23-5	2294	229	mg/kg	U	V
44593	0	2	IN	SS40001AE	SODIUM	7440-23-5	2199.5	220	mg/kg	U	V
44893	0	2	IN	SS40070AE	SODIUM	7440-23-5	1449	290	mg/kg	U	V
45693	0	2	IN	SS40094AE	SODIUM	7440-23-5	1000	1490	mg/kg		V
45793	0	2	IN	SS40015AE	SODIUM	7440-23-5	1000	280	mg/kg	U	V
46193	0	2	IN	SS40096AE	SODIUM	7440-23-5	1000	1300	mg/kg		J
46693	4	6	IN	SS40141AE	SODIUM	7440-23-5	1000	3660	mg/kg		V
46793	4	6	IN	SS40142AE	SODIUM	7440-23-5	1000	2460	mg/kg		V
46893	4	6	IN	SS40143AE	SODIUM	7440-23-5	5000	268	mg/kg	B	V
47093	0	1	IN	SS40145AE	SODIUM	7440-23-5	5000	92.6	mg/kg	B	V
48195	0	0	FT	AS00001PE	SODIUM	7440-23-5		1540	mg/kg		Z
48295	0	0	FT	AS00002PE	SODIUM	7440-23-5		1240	mg/kg		Z
48395	0	0	FT	AS00003PE	SODIUM	7440-23-5		1230	mg/kg	B	Z
SS400293	0	2	IN	SS40018AE	SODIUM	7440-23-5	2848.6	285	mg/kg	U	V
SS400393	0	2	IN	SS40019AE	SODIUM	7440-23-5	1000	213	mg/kg	U	V
SS400593	0	2	IN	SS40021AE	SODIUM	7440-23-5	1000	204	mg/kg	U	V
SS400693	0	2	IN	SS40022AE	SODIUM	7440-23-5	1000	214	mg/kg	U	V
SS400793	0	2	IN	SS40023AE	SODIUM	7440-23-5	2325.3	233	mg/kg	U	V
SS400893	0	2	IN	SS40024AE	SODIUM	7440-23-5	1305	261	mg/kg	U	V
SS401193	0	2	IN	SS40027AE	SODIUM	7440-23-5	1408	282	mg/kg	U	V
SS401293	0	2	IN	SS40028AE	SODIUM	7440-23-5	2240.1	224	mg/kg	U	V
SS401393	0	2	IN	SS40029AE	SODIUM	7440-23-5	2890.6	901	mg/kg	B	V
SS401593	0	2	IN	SS40031AE	SODIUM	7440-23-5	2587.3	259	mg/kg	U	V
SS401693	0	2	IN	SS40032AE	SODIUM	7440-23-5	1062	212	mg/kg	U	V
SS401893	0	2	IN	SS40034AE	SODIUM	7440-23-5	1101	220	mg/kg	U	V
SS402393	0	2	IN	SS40039AE	SODIUM	7440-23-5	1157	231	mg/kg	U	V
SS402593	0	2	IN	SS40041AE	SODIUM	7440-23-5	1342	268	mg/kg	U	V
SS402793	0	2	IN	SS40043AE	SODIUM	7440-23-5	1000	212	mg/kg	U	V
SS402893	0	2	IN	SS40044AE	SODIUM	7440-23-5	1000	390	mg/kg	B	V
SS402993	0	2	IN	SS40045AE	SODIUM	7440-23-5	1000	212	mg/kg	U	V
SS403093	0	2	IN	SS40046AE	SODIUM	7440-23-5	1000	1620	mg/kg	B	V
SS403193	0	2	IN	SS40047AE	SODIUM	7440-23-5	1000	2440	mg/kg		V
SS403293	0	2	IN	SS40048AE	SODIUM	7440-23-5	1000	310	mg/kg	U	V
SS403393	0	2	IN	SS40049AE	SODIUM	7440-23-5	1000	1270	mg/kg	B	V
SS403493	0	2	IN	SS40050AE	SODIUM	7440-23-5	1000	240	mg/kg	U	V
SS403593	0	2	IN	SS40051AE	SODIUM	7440-23-5	1000	227	mg/kg	U	V
SS403693	0	2	IN	SS40052AE	SODIUM	7440-23-5	1000	245	mg/kg	U	V
SS606292	0	2	IN	SS60062WC	SODIUM	7440-23-5	1000	83.3	mg/kg	B	V
SS620292	0	2	IN	SS60202WC	SODIUM	7440-23-5	1000	48.3	mg/kg	B	V
SS810893	0	3	IN	SSG0102JE	SODIUM	7440-23-5	5000	255	mg/kg	B	V

198

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS811193	0	3	IN	SSG0105JE	SODIUM	7440-23-5	5000	93.3	mg/kg	U	J
SS811493	0	3	IN	SSG0108JE	SODIUM	7440-23-5	5000	133	mg/kg	U	J
05093	0	2	IN	SS00002AE	STRONTIUM	7440-24-6	5	63.2	mg/kg		J
05193	0	2	IN	SS00003AE	STRONTIUM	7440-24-6	5	150	mg/kg	*	J
05393	0	2	IN	SS00005AE	STRONTIUM	7440-24-6	5	1.1	mg/kg	U	J
40093	0	2	IN	SS40060AE	STRONTIUM	7440-24-6	55	52.1	mg/kg	B	J
40293	0	2	IN	SS40042AE	STRONTIUM	7440-24-6	57	38.9	mg/kg	B	J
40393	0	2	IN	SS40053AE	STRONTIUM	7440-24-6	52	56.5	mg/kg		J
40693	0	2	IN	SS40057AE	STRONTIUM	7440-24-6	5	96.7	mg/kg		J
40793	0	2	IN	SS40058AE	STRONTIUM	7440-24-6	5	40.5	mg/kg	B	J
40893	0	2	IN	SS40004AE	STRONTIUM	7440-24-6	48.3	52.9	mg/kg		J
40993	0	2	IN	SS40072AE	STRONTIUM	7440-24-6	5	35.9	mg/kg	B	J
41193	0	2	IN	SS40007AE	STRONTIUM	7440-24-6	72	65.3	mg/kg	B	J
41293	0	2	IN	SS40071AE	STRONTIUM	7440-24-6	5	44.1	mg/kg	B	J
41593	4	6	IN	SS40073AE	STRONTIUM	7440-24-6	5	12.4	mg/kg	B*	J
41693	0	2	IN	SS40410AE	STRONTIUM	7440-24-6	53	90.9	mg/kg		J
41793	0	2	IN	SS40077AE	STRONTIUM	7440-24-6	46	50.1	mg/kg		J
41993	0	2	IN	SS40009AE	STRONTIUM	7440-24-6	48	30	mg/kg	B	J
42093	0	2	IN	SS40480AE	STRONTIUM	7440-24-6	41	19.3	mg/kg	B	J
42193	4	6	IN	SS40012AE	STRONTIUM	7440-24-6	5	6.3	mg/kg	B	J
42293	0	2	IN	SS40078AE	STRONTIUM	7440-24-6	5	110	mg/kg	*	J
42393	0	2	IN	SS40079AE	STRONTIUM	7440-24-6	43	33.3	mg/kg	B	J
42593	4	6	IN	SS40082AE	STRONTIUM	7440-24-6	5	11.7	mg/kg	B	J
42693	0	2	IN	SS40080AE	STRONTIUM	7440-24-6	62	28	mg/kg	B	J
42993	0	2	IN	SS40056AE	STRONTIUM	7440-24-6	46	48.4	mg/kg		J
43193	0	2	IN	SS40084AE	STRONTIUM	7440-24-6	44	68.1	mg/kg		J
43393	4	6	IN	SS40087AE	STRONTIUM	7440-24-6	5	9.3	mg/kg	B	J
43493	0	2	IN	SS40086AE	STRONTIUM	7440-24-6	5	170	mg/kg	*	J
43693	4	6	IN	SS40089AE	STRONTIUM	7440-24-6	5	6.1	mg/kg	B	J
43793	0	2	IN	SS40088AE	STRONTIUM	7440-24-6	47	50.1	mg/kg		J
43893	0	2	IN	SS40010AE	STRONTIUM	7440-24-6	47	147	mg/kg		J
43993	0	2	IN	SS40091AE	STRONTIUM	7440-24-6	45	37.1	mg/kg	B	J
44093	0	2	IN	SS40090AE	STRONTIUM	7440-24-6	48	145	mg/kg		J
44393	0	2	IN	SS40005AE	STRONTIUM	7440-24-6	46	64.8	mg/kg		J
44593	0	2	IN	SS40001AE	STRONTIUM	7440-24-6	44	43.3	mg/kg	B	J
44893	0	2	IN	SS40070AE	STRONTIUM	7440-24-6	58	54.3	mg/kg	B	J
45693	0	2	IN	SS40094AE	STRONTIUM	7440-24-6	5	92.9	mg/kg		J
45793	0	2	IN	SS40015AE	STRONTIUM	7440-24-6	5	46.4	mg/kg	B	J
46193	0	2	IN	SS40096AE	STRONTIUM	7440-24-6	5	106	mg/kg		J
46693	4	6	IN	SS40141AE	STRONTIUM	7440-24-6	40	7	mg/kg	B	J
46793	4	6	IN	SS40142AE	STRONTIUM	7440-24-6	40	5.7	mg/kg	B	J
46893	4	6	IN	SS40143AE	STRONTIUM	7440-24-6	200	23	mg/kg	B	J
47093	0	1	IN	SS40145AE	STRONTIUM	7440-24-6	200	27.6	mg/kg	B	J
48195	0	0	FT	AS00001PE	STRONTIUM	7440-24-6		17.6	mg/kg	B	Z
48295	0	0	FT	AS00002PE	STRONTIUM	7440-24-6		15.4	mg/kg	B	Z
48395	0	0	FT	AS00003PE	STRONTIUM	7440-24-6		17.5	mg/kg	B	Z
SS400293	0	2	IN	SS40018AE	STRONTIUM	7440-24-6	57	31.4	mg/kg	B	J
SS400393	0	2	IN	SS40019AE	STRONTIUM	7440-24-6	5	39.8	mg/kg	B	J
SS400593	0	2	IN	SS40021AE	STRONTIUM	7440-24-6	5	22	mg/kg	B	J
SS400693	0	2	IN	SS40022AE	STRONTIUM	7440-24-6	5	38.4	mg/kg	B	J
SS400793	0	2	IN	SS40023AE	STRONTIUM	7440-24-6	46.5	149	mg/kg		J
SS400893	0	2	IN	SS40024AE	STRONTIUM	7440-24-6	52	39.3	mg/kg	B	J
SS401193	0	2	IN	SS40027AE	STRONTIUM	7440-24-6	56	48.2	mg/kg	B	J
SS401293	0	2	IN	SS40028AE	STRONTIUM	7440-24-6	44.8	21.5	mg/kg	B	J
SS401393	0	2	IN	SS40029AE	STRONTIUM	7440-24-6	57.8	71	mg/kg		J
SS401593	0	2	IN	SS40031AE	STRONTIUM	7440-24-6	51.7	53.5	mg/kg		J
SS401693	0	2	IN	SS40032AE	STRONTIUM	7440-24-6	42	14.1	mg/kg	B	J
SS401893	0	2	IN	SS40034AE	STRONTIUM	7440-24-6	44	10.4	mg/kg	B	J
SS402393	0	2	IN	SS40039AE	STRONTIUM	7440-24-6	46	26	mg/kg	B	J
SS402593	0	2	IN	SS40041AE	STRONTIUM	7440-24-6	54	46.1	mg/kg	B	J
SS402793	0	2	IN	SS40043AE	STRONTIUM	7440-24-6	5	23.6	mg/kg	B	J
SS402893	0	2	IN	SS40044AE	STRONTIUM	7440-24-6	5	27.4	mg/kg	B	J
SS402993	0	2	IN	SS40045AE	STRONTIUM	7440-24-6	5	123	mg/kg		J
SS403093	0	2	IN	SS40046AE	STRONTIUM	7440-24-6	5	510	mg/kg		J
SS403193	0	2	IN	SS40047AE	STRONTIUM	7440-24-6	5	60.8	mg/kg		J
SS403293	0	2	IN	SS40048AE	STRONTIUM	7440-24-6	5	80	mg/kg		J
SS403393	0	2	IN	SS40049AE	STRONTIUM	7440-24-6	5	86.5	mg/kg		J
SS403493	0	2	IN	SS40050AE	STRONTIUM	7440-24-6	5	51	mg/kg		J
SS403593	0	2	IN	SS40051AE	STRONTIUM	7440-24-6	5	31.2	mg/kg	B	J
SS403693	0	2	IN	SS40052AE	STRONTIUM	7440-24-6	5	53	mg/kg		J
SS606292	0	2	IN	SS60062WC	STRONTIUM	7440-24-6	40	23.7	mg/kg	B	J
SS620292	0	2	IN	SS60202WC	STRONTIUM	7440-24-6	40	19.1	mg/kg	B	J
SS810893	0	3	IN	SSG0102JE	STRONTIUM	7440-24-6	200	15.9	mg/kg	B	V
SS811193	0	3	IN	SSG0105JE	STRONTIUM	7440-24-6	200	6.7	mg/kg	B	V
SS811493	0	3	IN	SSG0108JE	STRONTIUM	7440-24-6	200	25.9	mg/kg	B	V

199

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05093	0	2	IN	SS00002AE	THALLIUM	7440-28-0	2	0.43	mg/kg	U	V
05193	0	2	IN	SS00003AE	THALLIUM	7440-28-0	2	0.45	mg/kg	UW	J
05393	0	2	IN	SS00005AE	THALLIUM	7440-28-0	2	0.44	mg/kg	U	V
40293	0	2	IN	SS40042AE	THALLIUM	7440-28-0	3	0.28	mg/kg	U	V
40393	0	2	IN	SS40053AE	THALLIUM	7440-28-0	3	0.52	mg/kg	UN	J
40693	0	2	IN	SS40057AE	THALLIUM	7440-28-0	2	0.75	mg/kg	U	V
40793	0	2	IN	SS40058AE	THALLIUM	7440-28-0	2	0.67	mg/kg	U	V
40893	0	2	IN	SS40004AE	THALLIUM	7440-28-0	2.4	0.24	mg/kg	U	V
40993	0	2	IN	SS40072AE	THALLIUM	7440-28-0	2	0.47	mg/kg	U	V
41193	0	2	IN	SS40007AE	THALLIUM	7440-28-0	4	0.72	mg/kg	UN	J
41293	0	2	IN	SS40071AE	THALLIUM	7440-28-0	2	0.6	mg/kg	U	V
41593	4	6	IN	SS40073AE	THALLIUM	7440-28-0	2	0.42	mg/kg	UW	J
41693	0	2	IN	SS40410AE	THALLIUM	7440-28-0	3	0.53	mg/kg	U	V
41793	0	2	IN	SS40077AE	THALLIUM	7440-28-0	2	0.46	mg/kg	UN	J
41993	0	2	IN	SS40009AE	THALLIUM	7440-28-0	2	0.24	mg/kg	U	V
42093	0	2	IN	SS40480AE	THALLIUM	7440-28-0	2	0.21	mg/kg	U	V
42193	4	6	IN	SS40012AE	THALLIUM	7440-28-0	2	0.42	mg/kg	U	V
42293	0	2	IN	SS40078AE	THALLIUM	7440-28-0	2	0.48	mg/kg	UW	J
42393	0	2	IN	SS40079AE	THALLIUM	7440-28-0	2	0.21	mg/kg	U	V
42593	4	6	IN	SS40082AE	THALLIUM	7440-28-0	2	0.42	mg/kg	U	V
42693	0	2	IN	SS40080AE	THALLIUM	7440-28-0	3	0.62	mg/kg	UN	J
42993	0	2	IN	SS40056AE	THALLIUM	7440-28-0	2	0.23	mg/kg	U	V
43193	0	2	IN	SS40084AE	THALLIUM	7440-28-0	2	0.44	mg/kg	UN	J
43393	4	6	IN	SS40087AE	THALLIUM	7440-28-0	2	0.42	mg/kg	U	V
43493	0	2	IN	SS40086AE	THALLIUM	7440-28-0	2	0.46	mg/kg	UW	J
43693	4	6	IN	SS40089AE	THALLIUM	7440-28-0	2	0.41	mg/kg	U	V
43793	0	2	IN	SS40088AE	THALLIUM	7440-28-0	2	0.47	mg/kg	U	V
43893	0	2	IN	SS40010AE	THALLIUM	7440-28-0	2	0.47	mg/kg	UN	J
43993	0	2	IN	SS40091AE	THALLIUM	7440-28-0	2	0.45	mg/kg	UN	J
44093	0	2	IN	SS40090AE	THALLIUM	7440-28-0	2	0.48	mg/kg	UN	J
44393	0	2	IN	SS40005AE	THALLIUM	7440-28-0	2	0.23	mg/kg	U	V
44593	0	2	IN	SS40001AE	THALLIUM	7440-28-0	2.2	0.22	mg/kg	U	V
44893	0	2	IN	SS40070AE	THALLIUM	7440-28-0	3	0.29	mg/kg	U	J
45693	0	2	IN	SS40094AE	THALLIUM	7440-28-0	2	0.58	mg/kg	UN*	J
45793	0	2	IN	SS40015AE	THALLIUM	7440-28-0	2	0.56	mg/kg	UN*	J
46193	0	2	IN	SS40096AE	THALLIUM	7440-28-0	2	0.49	mg/kg	U	V
46693	4	6	IN	SS40141AE	THALLIUM	7440-28-0	2	0.15	mg/kg	U	V
46793	4	6	IN	SS40142AE	THALLIUM	7440-28-0	2	0.19	mg/kg	U	J
46893	4	6	IN	SS40143AE	THALLIUM	7440-28-0	10	0.43	mg/kg	U	V
47093	0	1	IN	SS40145AE	THALLIUM	7440-28-0	10	0.44	mg/kg	U	V
48195	0	0	FT	AS00001PE	THALLIUM	7440-28-0	0.74	0.74	mg/kg	UN	Z
48295	0	0	FT	AS00002PE	THALLIUM	7440-28-0	0.78	0.78	mg/kg	UN	Z
48395	0	0	FT	AS00003PE	THALLIUM	7440-28-0	0.89	0.89	mg/kg	UN	Z
SS400293	0	2	IN	SS40018AE	THALLIUM	7440-28-0	2.8	0.28	mg/kg	UW	J
SS400393	0	2	IN	SS40019AE	THALLIUM	7440-28-0	2	0.43	mg/kg	U	J
SS400593	0	2	IN	SS40021AE	THALLIUM	7440-28-0	2	0.41	mg/kg	UW	J
SS400693	0	2	IN	SS40022AE	THALLIUM	7440-28-0	2	0.43	mg/kg	U	J
SS400793	0	2	IN	SS40023AE	THALLIUM	7440-28-0	2.3	0.23	mg/kg	UW	J
SS400893	0	2	IN	SS40024AE	THALLIUM	7440-28-0	3	0.26	mg/kg	U	V
SS401193	0	2	IN	SS40027AE	THALLIUM	7440-28-0	3	0.28	mg/kg	U	V
SS401293	0	2	IN	SS40028AE	THALLIUM	7440-28-0	2.2	0.22	mg/kg	U	V
SS401393	0	2	IN	SS40029AE	THALLIUM	7440-28-0	2.9	0.29	mg/kg	UW	J
SS401593	0	2	IN	SS40031AE	THALLIUM	7440-28-0	2.6	0.26	mg/kg	U	V
SS401693	0	2	IN	SS40032AE	THALLIUM	7440-28-0	2	0.21	mg/kg	U	V
SS401893	0	2	IN	SS40034AE	THALLIUM	7440-28-0	2	0.22	mg/kg	B	V
SS402393	0	2	IN	SS40039AE	THALLIUM	7440-28-0	2	0.23	mg/kg	U	V
SS402593	0	2	IN	SS40041AE	THALLIUM	7440-28-0	3	0.27	mg/kg	U	V
SS402793	0	2	IN	SS40043AE	THALLIUM	7440-28-0	2	0.42	mg/kg	UW	J
SS402893	0	2	IN	SS40044AE	THALLIUM	7440-28-0	2	0.42	mg/kg	UW	J
SS402993	0	2	IN	SS40045AE	THALLIUM	7440-28-0	2	0.42	mg/kg	UW	J
SS403093	0	2	IN	SS40046AE	THALLIUM	7440-28-0	2	0.99	mg/kg	U	J
SS403393	0	2	IN	SS40049AE	THALLIUM	7440-28-0	2	0.81	mg/kg	B	J
SS403493	0	2	IN	SS40050AE	THALLIUM	7440-28-0	2	0.55	mg/kg	B	V
SS403593	0	2	IN	SS40051AE	THALLIUM	7440-28-0	2	0.57	mg/kg	B	V
SS403693	0	2	IN	SS40052AE	THALLIUM	7440-28-0	2	0.63	mg/kg	B	V
SS606292	0	2	IN	SS60062WC	THALLIUM	7440-28-0	2	0.23	mg/kg	U	J
SS620292	0	2	IN	SS60202WC	THALLIUM	7440-28-0	2	0.4	mg/kg	B	J
SS810893	0	3	IN	SSG0102JE	THALLIUM	7440-28-0	10	0.33	mg/kg	U	V
SS811193	0	3	IN	SSG0105JE	THALLIUM	7440-28-0	10	0.33	mg/kg	U	V
SS811493	0	3	IN	SSG0108JE	THALLIUM	7440-28-0	10	0.37	mg/kg	U	V
05093	0	2	IN	SS00002AE	TIN	7440-31-5	100	25.8	mg/kg	U	J
05193	0	2	IN	SS00003AE	TIN	7440-31-5	100	22.5	mg/kg	U	J
05393	0	2	IN	SS00005AE	TIN	7440-31-5	100	30.6	mg/kg	U	J
40093	0	2	IN	SS40060AE	TIN	7440-31-5	55	29.7	mg/kg	B	J
40293	0	2	IN	SS40042AE	TIN	7440-31-5	57	33.8	mg/kg	B	J

200

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40393	0	2	IN	SS40053AE	TIN	7440-31-5	52	45.1	mg/kg	B	J
40693	0	2	IN	SS40057AE	TIN	7440-31-5	100	37.5	mg/kg	U	J
40793	0	2	IN	SS40058AE	TIN	7440-31-5	100	33.6	mg/kg	U	J
40893	0	2	IN	SS40004AE	TIN	7440-31-5	48.3	24.2	mg/kg	U	J
40993	0	2	IN	SS40072AE	TIN	7440-31-5	100	23.4	mg/kg	U	J
41193	0	2	IN	SS40007AE	TIN	7440-31-5	72	40.3	mg/kg	B	J
41293	0	2	IN	SS40071AE	TIN	7440-31-5	100	30.1	mg/kg	U	J
41593	4	6	IN	SS40073AE	TIN	7440-31-5	100	21.2	mg/kg	U	J
41693	0	2	IN	SS40410AE	TIN	7440-31-5	53	26.7	mg/kg	U	J
41793	0	2	IN	SS40077AE	TIN	7440-31-5	46	37.6	mg/kg	B	J
41993	0	2	IN	SS40009AE	TIN	7440-31-5	48	23.8	mg/kg	U	J
42093	0	2	IN	SS40480AE	TIN	7440-31-5	41	20.6	mg/kg	U	J
42193	4	6	IN	SS40012AE	TIN	7440-31-5	100	20.8	mg/kg	U	J
42293	0	2	IN	SS40078AE	TIN	7440-31-5	100	23.8	mg/kg	U	J
42393	0	2	IN	SS40079AE	TIN	7440-31-5	43	28.4	mg/kg	B	J
42593	4	6	IN	SS40082AE	TIN	7440-31-5	100	21	mg/kg	U	J
42693	0	2	IN	SS40080AE	TIN	7440-31-5	62	46.2	mg/kg	B	J
42993	0	2	IN	SS40056AE	TIN	7440-31-5	46	22.8	mg/kg	U	J
43193	0	2	IN	SS40084AE	TIN	7440-31-5	44	22	mg/kg	U	J
43393	4	6	IN	SS40087AE	TIN	7440-31-5	100	20.9	mg/kg	U	J
43493	0	2	IN	SS40086AE	TIN	7440-31-5	100	22.9	mg/kg	U	J
43693	4	6	IN	SS40089AE	TIN	7440-31-5	100	20.7	mg/kg	U	J
43793	0	2	IN	SS40088AE	TIN	7440-31-5	47	23.3	mg/kg	U	J
43893	0	2	IN	SS40010AE	TIN	7440-31-5	47	37	mg/kg	B	J
43993	0	2	IN	SS40091AE	TIN	7440-31-5	45	22.6	mg/kg	U	J
44093	0	2	IN	SS40090AE	TIN	7440-31-5	48	23.8	mg/kg	U	J
44393	0	2	IN	SS40005AE	TIN	7440-31-5	46	22.9	mg/kg	U	J
44593	0	2	IN	SS40001AE	TIN	7440-31-5	44	22	mg/kg	U	J
44893	0	2	IN	SS40070AE	TIN	7440-31-5	58	29.5	mg/kg	B	J
45693	0	2	IN	SS40094AE	TIN	7440-31-5	100	29.2	mg/kg	U	J
45793	0	2	IN	SS40015AE	TIN	7440-31-5	100	27.8	mg/kg	U	J
46193	0	2	IN	SS40096AE	TIN	7440-31-5	100	24.7	mg/kg	U	J
46693	4	6	IN	SS40141AE	TIN	7440-31-5	40	6.5	mg/kg	U	J
46793	4	6	IN	SS40142AE	TIN	7440-31-5	40	6.6	mg/kg	U	J
46893	4	6	IN	SS40143AE	TIN	7440-31-5	200	4.6	mg/kg	U	J
47093	0	1	IN	SS40145AE	TIN	7440-31-5	200	4.5	mg/kg	U	J
48195	0	0	FT	AS00001PE	TIN	7440-31-5	4.3	4.3	mg/kg	U	Z
48295	0	0	FT	AS00002PE	TIN	7440-31-5	4.3	4.3	mg/kg	U	Z
48395	0	0	FT	AS00003PE	TIN	7440-31-5	4.9	4.9	mg/kg	U	Z
SS400293	0	2	IN	SS40018AE	TIN	7440-31-5	57	28.5	mg/kg	U	J
SS400393	0	2	IN	SS40019AE	TIN	7440-31-5	100	26.8	mg/kg	B	J
SS400593	0	2	IN	SS40021AE	TIN	7440-31-5	100	25	mg/kg	B	J
SS400693	0	2	IN	SS40022AE	TIN	7440-31-5	100	21.4	mg/kg	U	J
SS400793	0	2	IN	SS40023AE	TIN	7440-31-5	46.5	23.3	mg/kg	U	J
SS400893	0	2	IN	SS40024AE	TIN	7440-31-5	52	26.1	mg/kg	U	J
SS401193	0	2	IN	SS40027AE	TIN	7440-31-5	56	28.2	mg/kg	U	J
SS401293	0	2	IN	SS40028AE	TIN	7440-31-5	44.8	22.4	mg/kg	U	J
SS401393	0	2	IN	SS40029AE	TIN	7440-31-5	57.8	28.9	mg/kg	U	J
SS401593	0	2	IN	SS40031AE	TIN	7440-31-5	51.7	25.9	mg/kg	U	J
SS401693	0	2	IN	SS40032AE	TIN	7440-31-5	42	21.2	mg/kg	U	J
SS401893	0	2	IN	SS40034AE	TIN	7440-31-5	44	22	mg/kg	U	J
SS402393	0	2	IN	SS40039AE	TIN	7440-31-5	46	23.1	mg/kg	U	J
SS402593	0	2	IN	SS40041AE	TIN	7440-31-5	54	26.8	mg/kg	U	J
SS402793	0	2	IN	SS40043AE	TIN	7440-31-5	100	26	mg/kg	B	J
SS402893	0	2	IN	SS40044AE	TIN	7440-31-5	100	25.5	mg/kg	B	J
SS402993	0	2	IN	SS40045AE	TIN	7440-31-5	100	32.4	mg/kg	B	J
SS403093	0	2	IN	SS40046AE	TIN	7440-31-5	100	61.5	mg/kg	B	J
SS403193	0	2	IN	SS40047AE	TIN	7440-31-5	100	41.5	mg/kg	B	J
SS403293	0	2	IN	SS40048AE	TIN	7440-31-5	100	31	mg/kg	U	J
SS403393	0	2	IN	SS40049AE	TIN	7440-31-5	100	28.9	mg/kg	U	J
SS403493	0	2	IN	SS40050AE	TIN	7440-31-5	100	24	mg/kg	U	J
SS403593	0	2	IN	SS40051AE	TIN	7440-31-5	100	22.7	mg/kg	U	J
SS403693	0	2	IN	SS40052AE	TIN	7440-31-5	100	59.2	mg/kg		J
S6606292	0	2	IN	SS60062WC	TIN	7440-31-5	40	20.7	mg/kg	U	J
SS620292	0	2	IN	SS60202WC	TIN	7440-31-5	40	12.8	mg/kg	U	J
SS810893	0	3	IN	SSG0102JE	TIN	7440-31-5	200	1.9	mg/kg	U	V
SS811193	0	3	IN	SSG0105JE	TIN	7440-31-5	200	1.9	mg/kg	U	V
SS811493	0	3	IN	SSG0108JE	TIN	7440-31-5	200	2.1	mg/kg	U	V
48195	0	0	FT	AS00001PE	TITANIUM	7440-32-6		431	mg/kg		Z
48295	0	0	FT	AS00002PE	TITANIUM	7440-32-6		322	mg/kg		Z
48395	0	0	FT	AS00003PE	TITANIUM	7440-32-6		468	mg/kg		Z
48195	0	0	FT	AS00001PE	URANIUM, TOTAL	11-09-6	26.2	26.2	mg/kg	U	Z
48295	0	0	FT	AS00002PE	URANIUM, TOTAL	11-09-6	25.8	25.8	mg/kg	U	Z
48395	0	0	FT	AS00003PE	URANIUM, TOTAL	11-09-6	30	30	mg/kg	U	Z
05093	0	2	IN	SS00002AE	VANADIUM	7440-62-2	10	40.9	mg/kg		V

201

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05193	0	2	IN	SS00003AE	VANADIUM	7440-62-2	10	32.4	mg/kg		V
05393	0	2	IN	SS00005AE	VANADIUM	7440-62-2	10	2.2	mg/kg	U	V
40093	0	2	IN	SS40060AE	VANADIUM	7440-62-2	14	24.1	mg/kg		V
40293	0	2	IN	SS40042AE	VANADIUM	7440-62-2	14	28.8	mg/kg		V
40393	0	2	IN	SS40053AE	VANADIUM	7440-62-2	13	42.7	mg/kg		V
40693	0	2	IN	SS40057AE	VANADIUM	7440-62-2	10	25.4	mg/kg		V
40793	0	2	IN	SS40058AE	VANADIUM	7440-62-2	10	29.2	mg/kg		V
40893	0	2	IN	SS40004AE	VANADIUM	7440-62-2	12.1	33.5	mg/kg		V
40993	0	2	IN	SS40072AE	VANADIUM	7440-62-2	10	26.8	mg/kg		V
41193	0	2	IN	SS40007AE	VANADIUM	7440-62-2	18	36.4	mg/kg		V
41293	0	2	IN	SS40071AE	VANADIUM	7440-62-2	10	23.6	mg/kg		V
41593	4	6	IN	SS40073AE	VANADIUM	7440-62-2	10	26.6	mg/kg		V
41693	0	2	IN	SS40410AE	VANADIUM	7440-62-2	13	61	mg/kg		V
41793	0	2	IN	SS40077AE	VANADIUM	7440-62-2	11	27.8	mg/kg		V
41993	0	2	IN	SS40009AE	VANADIUM	7440-62-2	12	23.6	mg/kg		V
42093	0	2	IN	SS40480AE	VANADIUM	7440-62-2	10	10.2	mg/kg	B	V
42193	4	6	IN	SS40012AE	VANADIUM	7440-62-2	10	14.6	mg/kg		V
42293	0	2	IN	SS40078AE	VANADIUM	7440-62-2	10	52.2	mg/kg		V
42393	0	2	IN	SS40079AE	VANADIUM	7440-62-2	11	26	mg/kg		V
42593	4	6	IN	SS40082AE	VANADIUM	7440-62-2	10	16.5	mg/kg		V
42693	0	2	IN	SS40080AE	VANADIUM	7440-62-2	16	26.3	mg/kg		V
42993	0	2	IN	SS40056AE	VANADIUM	7440-62-2	11	18.5	mg/kg		V
43193	0	2	IN	SS40084AE	VANADIUM	7440-62-2	11	22.2	mg/kg		V
43393	4	6	IN	SS40087AE	VANADIUM	7440-62-2	10	20.5	mg/kg		V
43493	0	2	IN	SS40086AE	VANADIUM	7440-62-2	10	23.3	mg/kg		V
43693	4	6	IN	SS40089AE	VANADIUM	7440-62-2	10	15.6	mg/kg		V
43793	0	2	IN	SS40088AE	VANADIUM	7440-62-2	12	26.1	mg/kg		V
43893	0	2	IN	SS40010AE	VANADIUM	7440-62-2	12	41.2	mg/kg		V
43993	0	2	IN	SS40091AE	VANADIUM	7440-62-2	11	13.3	mg/kg		V
44093	0	2	IN	SS40090AE	VANADIUM	7440-62-2	12	28.4	mg/kg		V
44393	0	2	IN	SS40005AE	VANADIUM	7440-62-2	11	16.9	mg/kg		V
44593	0	2	IN	SS40001AE	VANADIUM	7440-62-2	11	36.5	mg/kg		V
44893	0	2	IN	SS40070AE	VANADIUM	7440-62-2	14	36.5	mg/kg		V
45693	0	2	IN	SS40094AE	VANADIUM	7440-62-2	10	33.9	mg/kg		V
45793	0	2	IN	SS40015AE	VANADIUM	7440-62-2	10	38.5	mg/kg		V
46193	0	2	IN	SS40096AE	VANADIUM	7440-62-2	10	38.2	mg/kg		V
46693	4	6	IN	SS40141AE	VANADIUM	7440-62-2	10	25.1	mg/kg		V
46793	4	6	IN	SS40142AE	VANADIUM	7440-62-2	10	25.4	mg/kg		V
46893	4	6	IN	SS40143AE	VANADIUM	7440-62-2	50	30.7	mg/kg		J
47093	0	1	IN	SS40145AE	VANADIUM	7440-62-2	50	27.9	mg/kg		J
48195	0	0	FT	AS00001PE	VANADIUM	7440-62-2		36.8	mg/kg		Z
48295	0	0	FT	AS00002PE	VANADIUM	7440-62-2		34.2	mg/kg		Z
48395	0	0	FT	AS00003PE	VANADIUM	7440-62-2		35.5	mg/kg		Z
SS400293	0	2	IN	SS40018AE	VANADIUM	7440-62-2	14.2	44.2	mg/kg		V
SS400393	0	2	IN	SS40019AE	VANADIUM	7440-62-2	10	34.9	mg/kg		V
SS400593	0	2	IN	SS40021AE	VANADIUM	7440-62-2	10	27.3	mg/kg		V
SS400693	0	2	IN	SS40022AE	VANADIUM	7440-62-2	10	24.2	mg/kg		V
SS400793	0	2	IN	SS40023AE	VANADIUM	7440-62-2	11.6	39.7	mg/kg		V
SS400893	0	2	IN	SS40024AE	VANADIUM	7440-62-2	13	28.4	mg/kg		V
SS401193	0	2	IN	SS40027AE	VANADIUM	7440-62-2	14	31.3	mg/kg		V
SS401293	0	2	IN	SS40028AE	VANADIUM	7440-62-2	11.2	20.8	mg/kg		V
SS401393	0	2	IN	SS40029AE	VANADIUM	7440-62-2	14.5	38.7	mg/kg		V
SS401593	0	2	IN	SS40031AE	VANADIUM	7440-62-2	12.9	35.8	mg/kg		V
SS401693	0	2	IN	SS40032AE	VANADIUM	7440-62-2	11	10.6	mg/kg	B	V
SS401893	0	2	IN	SS40034AE	VANADIUM	7440-62-2	11	14.9	mg/kg		V
SS402393	0	2	IN	SS40039AE	VANADIUM	7440-62-2	12	14.4	mg/kg		V
SS402593	0	2	IN	SS40041AE	VANADIUM	7440-62-2	13	27.2	mg/kg		V
SS402793	0	2	IN	SS40043AE	VANADIUM	7440-62-2	10	26.5	mg/kg		V
SS402893	0	2	IN	SS40044AE	VANADIUM	7440-62-2	10	26.9	mg/kg		V
SS402993	0	2	IN	SS40045AE	VANADIUM	7440-62-2	10	40.7	mg/kg		V
SS403093	0	2	IN	SS40046AE	VANADIUM	7440-62-2	10	67.6	mg/kg		V
SS403193	0	2	IN	SS40047AE	VANADIUM	7440-62-2	10	58	mg/kg		V
SS403293	0	2	IN	SS40048AE	VANADIUM	7440-62-2	10	47	mg/kg		V
SS403393	0	2	IN	SS40049AE	VANADIUM	7440-62-2	10	57.7	mg/kg		V
SS403493	0	2	IN	SS40050AE	VANADIUM	7440-62-2	10	34.3	mg/kg		V
SS403593	0	2	IN	SS40051AE	VANADIUM	7440-62-2	10	26.6	mg/kg		V
SS403693	0	2	IN	SS40052AE	VANADIUM	7440-62-2	10	44.6	mg/kg		V
SS606292	0	2	IN	SS60062WC	VANADIUM	7440-62-2	10	20.8	mg/kg		V
SS620292	0	2	IN	SS60202WC	VANADIUM	7440-62-2	10	13.9	mg/kg		V
SS810893	0	3	IN	SSG0102JE	VANADIUM	7440-62-2	50	14.7	mg/kg		V
SS811193	0	3	IN	SSG0105JE	VANADIUM	7440-62-2	50	6.7	mg/kg	B	V
SS811493	0	3	IN	SSG0108JE	VANADIUM	7440-62-2	50	28	mg/kg		V
05093	0	2	IN	SS00002AE	ZINC	7440-66-6	10	79	mg/kg		V
05193	0	2	IN	SS00003AE	ZINC	7440-66-6	10	35	mg/kg		J
05393	0	2	IN	SS00005AE	ZINC	7440-66-6	10	2.2	mg/kg	U	V

202

Table A.1 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNITS	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40093	0	2	IN	SS40060AE	ZINC	7440-66-6	5	60.6	mg/kg		V
40293	0	2	IN	SS40042AE	ZINC	7440-66-6	6	53.9	mg/kg		V
40393	0	2	IN	SS40053AE	ZINC	7440-66-6	5	70.4	mg/kg	E	J
40693	0	2	IN	SS40057AE	ZINC	7440-66-6	10	67.4	mg/kg		V
40793	0	2	IN	SS40058AE	ZINC	7440-66-6	10	55.3	mg/kg		V
40893	0	2	IN	SS40004AE	ZINC	7440-66-6	4.8	47.2	mg/kg		V
40993	0	2	IN	SS40072AE	ZINC	7440-66-6	10	50.4	mg/kg		V
41193	0	2	IN	SS40007AE	ZINC	7440-66-6	7	55.7	mg/kg	E	J
41293	0	2	IN	SS40071AE	ZINC	7440-66-6	10	54.5	mg/kg		V
41593	4	6	IN	SS40073AE	ZINC	7440-66-6	10	66	mg/kg		V
41693	0	2	IN	SS40410AE	ZINC	7440-66-6	5	60.7	mg/kg		V
41793	0	2	IN	SS40077AE	ZINC	7440-66-6	5	39	mg/kg	E	J
41993	0	2	IN	SS40009AE	ZINC	7440-66-6	5	47.8	mg/kg		V
42093	0	2	IN	SS40480AE	ZINC	7440-66-6	4	35.9	mg/kg		V
42193	4	6	IN	SS40012AE	ZINC	7440-66-6	10	29.2	mg/kg		V
42293	0	2	IN	SS40078AE	ZINC	7440-66-6	10	40.1	mg/kg		V
42393	0	2	IN	SS40079AE	ZINC	7440-66-6	4	67.4	mg/kg		V
42593	4	6	IN	SS40082AE	ZINC	7440-66-6	10	27.6	mg/kg		V
42693	0	2	IN	SS40080AE	ZINC	7440-66-6	6	56.5	mg/kg	E	J
42993	0	2	IN	SS40056AE	ZINC	7440-66-6	5	34.7	mg/kg		V
43193	0	2	IN	SS40084AE	ZINC	7440-66-6	4	24.2	mg/kg	E	J
43393	4	6	IN	SS40087AE	ZINC	7440-66-6	10	35	mg/kg		V
43493	0	2	IN	SS40086AE	ZINC	7440-66-6	10	19	mg/kg		J
43693	4	6	IN	SS40089AE	ZINC	7440-66-6	10	31.4	mg/kg		V
43793	0	2	IN	SS40088AE	ZINC	7440-66-6	5	69.3	mg/kg		V
43893	0	2	IN	SS40010AE	ZINC	7440-66-6	5	76.3	mg/kg	E	J
43993	0	2	IN	SS40091AE	ZINC	7440-66-6	5	15.2	mg/kg	E	J
44093	0	2	IN	SS40090AE	ZINC	7440-66-6	5	31.8	mg/kg	E	J
44393	0	2	IN	SS40005AE	ZINC	7440-66-6	5	287	mg/kg		V
44593	0	2	IN	SS40001AE	ZINC	7440-66-6	4.4	82.7	mg/kg		V
44893	0	2	IN	SS40070AE	ZINC	7440-66-6	6	67.7	mg/kg		V
45693	0	2	IN	SS40094AE	ZINC	7440-66-6	10	57.3	mg/kg	N*	J
45793	0	2	IN	SS40015AE	ZINC	7440-66-6	10	460	mg/kg	N*	J
46193	0	2	IN	SS40096AE	ZINC	7440-66-6	10	58.4	mg/kg		V
46693	4	6	IN	SS40141AE	ZINC	7440-66-6	4	37.1	mg/kg		V
46793	4	6	IN	SS40142AE	ZINC	7440-66-6	4	31.8	mg/kg		V
46893	4	6	IN	SS40143AE	ZINC	7440-66-6	20	26.1	mg/kg		V
47093	0	1	IN	SS40145AE	ZINC	7440-66-6	20	24.2	mg/kg		V
48195	0	0	FT	AS00001PE	ZINC	7440-66-6		28.3	mg/kg		Z
48295	0	0	FT	AS00002PE	ZINC	7440-66-6		24.2	mg/kg		Z
48395	0	0	FT	AS00003PE	ZINC	7440-66-6		32.6	mg/kg	E	Z
SS400293	0	2	IN	SS40018AE	ZINC	7440-66-6	5.7	63.2	mg/kg		V
SS400393	0	2	IN	SS40019AE	ZINC	7440-66-6	10	89.4	mg/kg		V
SS400593	0	2	IN	SS40021AE	ZINC	7440-66-6	10	57.4	mg/kg		V
SS400693	0	2	IN	SS40022AE	ZINC	7440-66-6	10	75.2	mg/kg		V
SS400793	0	2	IN	SS40023AE	ZINC	7440-66-6	4.7	36.3	mg/kg		V
SS400893	0	2	IN	SS40024AE	ZINC	7440-66-6	5	51.3	mg/kg	EN	J
SS401193	0	2	IN	SS40027AE	ZINC	7440-66-6	6	65.2	mg/kg	EN	J
SS401293	0	2	IN	SS40028AE	ZINC	7440-66-6	4.5	22.5	mg/kg		V
SS401393	0	2	IN	SS40029AE	ZINC	7440-66-6	5.8	41.3	mg/kg		V
SS401593	0	2	IN	SS40031AE	ZINC	7440-66-6	5.2	51.7	mg/kg		V
SS401693	0	2	IN	SS40032AE	ZINC	7440-66-6	4	18.4	mg/kg	EN	J
SS401893	0	2	IN	SS40034AE	ZINC	7440-66-6	4	295	mg/kg	EN	J
SS402393	0	2	IN	SS40039AE	ZINC	7440-66-6	5	21	mg/kg	EN	J
SS402593	0	2	IN	SS40041AE	ZINC	7440-66-6	5	54	mg/kg	EN	J
SS402793	0	2	IN	SS40043AE	ZINC	7440-66-6	10	64.2	mg/kg		V
SS402893	0	2	IN	SS40044AE	ZINC	7440-66-6	10	81.2	mg/kg		V
SS402993	0	2	IN	SS40045AE	ZINC	7440-66-6	10	66.1	mg/kg		V
SS403093	0	2	IN	SS40046AE	ZINC	7440-66-6	10	110	mg/kg		V
SS403193	0	2	IN	SS40047AE	ZINC	7440-66-6	10	68.4	mg/kg		V
SS403293	0	2	IN	SS40048AE	ZINC	7440-66-6	10	79.8	mg/kg		V
SS403393	0	2	IN	SS40049AE	ZINC	7440-66-6	10	84.9	mg/kg		V
SS403493	0	2	IN	SS40050AE	ZINC	7440-66-6	10	58.8	mg/kg		V
SS403593	0	2	IN	SS40051AE	ZINC	7440-66-6	10	120	mg/kg		V
SS403693	0	2	IN	SS40052AE	ZINC	7440-66-6	10	78	mg/kg		J
SS606292	0	2	IN	SS60062WC	ZINC	7440-66-6	4	86.3	mg/kg		V
SS620292	0	2	IN	SS60202WC	ZINC	7440-66-6	4	38.9	mg/kg		V
SS810893	0	3	IN	SSG0102JE	ZINC	7440-66-6	20	39.1	mg/kg		V
SS811193	0	3	IN	SSG0105JE	ZINC	7440-66-6	20	40.5	mg/kg		V
SS811493	0	3	IN	SSG0108JE	ZINC	7440-66-6	20	51.5	mg/kg		V

203

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS403093	0	2	IN	SS40046AE	9-OCTADECENOIC ACID (Z)-	112-80-1		840	ug/Kg	J	Z
SS403593	0	2	IN	SS40051AE	9-OCTADECENOIC ACID (Z)-	112-80-1		640	ug/Kg	J	Z
P208989	0	0	FT	SEP1789BR0002	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	1,1,2,2-TETRACHLOROETHANE	79-34-5		190	ug/Kg	J	Z
P208989	0	0	FT	SEP1789BR0002	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
05093	0	2	IN	SS00002AE	1,2,4-TRICHLOROBENZENE	120-82-1	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	1,2,4-TRICHLOROBENZENE	120-82-1	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	1,2,4-TRICHLOROBENZENE	120-82-1	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	1,2,4-TRICHLOROBENZENE	120-82-1	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	1,2,4-TRICHLOROBENZENE	120-82-1	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	1,2,4-TRICHLOROBENZENE	120-82-1	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	1,2,4-TRICHLOROBENZENE	120-82-1	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	1,2,4-TRICHLOROBENZENE	120-82-1	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	1,2,4-TRICHLOROBENZENE	120-82-1	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	1,2,4-TRICHLOROBENZENE	120-82-1	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	1,2,4-TRICHLOROBENZENE	120-82-1	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	1,2,4-TRICHLOROBENZENE	120-82-1	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	1,2,4-TRICHLOROBENZENE	120-82-1	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	1,2,4-TRICHLOROBENZENE	120-82-1	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	1,2,4-TRICHLOROBENZENE	120-82-1	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	1,2,4-TRICHLOROBENZENE	120-82-1	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	1,2,4-TRICHLOROBENZENE	120-82-1	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	1,2,4-TRICHLOROBENZENE	120-82-1	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	1,2,4-TRICHLOROBENZENE	120-82-1	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	1,2,4-TRICHLOROBENZENE	120-82-1	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	1,2,4-TRICHLOROBENZENE	120-82-1	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	1,2,4-TRICHLOROBENZENE	120-82-1	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	1,2,4-TRICHLOROBENZENE	120-82-1	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	1,2,4-TRICHLOROBENZENE	120-82-1	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	1,2,4-TRICHLOROBENZENE	120-82-1	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	1,2,4-TRICHLOROBENZENE	120-82-1	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	1,2,4-TRICHLOROBENZENE	120-82-1	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	1,2,4-TRICHLOROBENZENE	120-82-1	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	1,2,4-TRICHLOROBENZENE	120-82-1	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	1,2,4-TRICHLOROBENZENE	120-82-1	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	1,2,4-TRICHLOROBENZENE	120-82-1	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	1,2,4-TRICHLOROBENZENE	120-82-1	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	1,2,4-TRICHLOROBENZENE	120-82-1	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	1,2,4-TRICHLOROBENZENE	120-82-1	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	1,2,4-TRICHLOROBENZENE	120-82-1	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	1,2,4-TRICHLOROBENZENE	120-82-1	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	1,2,4-TRICHLOROBENZENE	120-82-1	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	1,2,4-TRICHLOROBENZENE	120-82-1	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	1,2,4-TRICHLOROBENZENE	120-82-1	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	1,2,4-TRICHLOROBENZENE	120-82-1	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	1,2,4-TRICHLOROBENZENE	120-82-1	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	1,2,4-TRICHLOROBENZENE	120-82-1	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	1,2,4-TRICHLOROBENZENE	120-82-1	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	1,2,4-TRICHLOROBENZENE	120-82-1	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	1,2,4-TRICHLOROBENZENE	120-82-1	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	1,2,4-TRICHLOROBENZENE	120-82-1	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	1,2,4-TRICHLOROBENZENE	120-82-1	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	1,2,4-TRICHLOROBENZENE	120-82-1	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	1,2,4-TRICHLOROBENZENE	120-82-1	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	1,2,4-TRICHLOROBENZENE	120-82-1	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	1,2,4-TRICHLOROBENZENE	120-82-1	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	1,2,4-TRICHLOROBENZENE	120-82-1	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	1,2,4-TRICHLOROBENZENE	120-82-1	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	1,2,4-TRICHLOROBENZENE	120-82-1	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	1,2,4-TRICHLOROBENZENE	120-82-1	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	1,2,4-TRICHLOROBENZENE	120-82-1	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	1,2,4-TRICHLOROBENZENE	120-82-1	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	1,2,4-TRICHLOROBENZENE	120-82-1	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	1,2,4-TRICHLOROBENZENE	120-82-1	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	1,2,4-TRICHLOROBENZENE	120-82-1	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	1,2,4-TRICHLOROBENZENE	120-82-1	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	1,2,4-TRICHLOROBENZENE	120-82-1	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	1,2,4-TRICHLOROBENZENE	120-82-1	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	1,2,4-TRICHLOROBENZENE	120-82-1	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	1,2,4-TRICHLOROBENZENE	120-82-1	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	1,2,4-TRICHLOROBENZENE	120-82-1	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	1,2,4-TRICHLOROBENZENE	120-82-1	330	380	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
05093	0	2	IN	SS00002AE	1,2-DCB	95-50-1	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	1,2-DCB	95-50-1	380	380	ug/Kg	U	V

204

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05393	0	2	IN	SS00005AE	1,2-DCB	95-50-1	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	1,2-DCB	95-50-1	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	1,2-DCB	95-50-1	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	1,2-DCB	95-50-1	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	1,2-DCB	95-50-1	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	1,2-DCB	95-50-1	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	1,2-DCB	95-50-1	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	1,2-DCB	95-50-1	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	1,2-DCB	95-50-1	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	1,2-DCB	95-50-1	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	1,2-DCB	95-50-1	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	1,2-DCB	95-50-1	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	1,2-DCB	95-50-1	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	1,2-DCB	95-50-1	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	1,2-DCB	95-50-1	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	1,2-DCB	95-50-1	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	1,2-DCB	95-50-1	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	1,2-DCB	95-50-1	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	1,2-DCB	95-50-1	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	1,2-DCB	95-50-1	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	1,2-DCB	95-50-1	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	1,2-DCB	95-50-1	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	1,2-DCB	95-50-1	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	1,2-DCB	95-50-1	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	1,2-DCB	95-50-1	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	1,2-DCB	95-50-1	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	1,2-DCB	95-50-1	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	1,2-DCB	95-50-1	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	1,2-DCB	95-50-1	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	1,2-DCB	95-50-1	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	1,2-DCB	95-50-1	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	1,2-DCB	95-50-1	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	1,2-DCB	95-50-1	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	1,2-DCB	95-50-1	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	1,2-DCB	95-50-1	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	1,2-DCB	95-50-1	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	1,2-DCB	95-50-1	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	1,2-DCB	95-50-1	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	1,2-DCB	95-50-1	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	1,2-DCB	95-50-1	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	1,2-DCB	95-50-1	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	1,2-DCB	95-50-1	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	1,2-DCB	95-50-1	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	1,2-DCB	95-50-1	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	1,2-DCB	95-50-1	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	1,2-DCB	95-50-1	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	1,2-DCB	95-50-1	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	1,2-DCB	95-50-1	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	1,2-DCB	95-50-1	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	1,2-DCB	95-50-1	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	1,2-DCB	95-50-1	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	1,2-DCB	95-50-1	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	1,2-DCB	95-50-1	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	1,2-DCB	95-50-1	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	1,2-DCB	95-50-1	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	1,2-DCB	95-50-1	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	1,2-DCB	95-50-1	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	1,2-DCB	95-50-1	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	1,2-DCB	95-50-1	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	1,2-DCB	95-50-1	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	1,2-DCB	95-50-1	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	1,2-DCB	95-50-1	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	1,2-DCB	95-50-1	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	1,2-DCB	95-50-1	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	1,2-DCB	95-50-1	330	380	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
05093	0	2	IN	SS00002AE	1,3-DICHLOROBENZENE	541-73-1	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	1,3-DICHLOROBENZENE	541-73-1	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	1,3-DICHLOROBENZENE	541-73-1	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	1,3-DICHLOROBENZENE	541-73-1	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	1,3-DICHLOROBENZENE	541-73-1	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	1,3-DICHLOROBENZENE	541-73-1	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	1,3-DICHLOROBENZENE	541-73-1	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	1,3-DICHLOROBENZENE	541-73-1	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	1,3-DICHLOROBENZENE	541-73-1	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	1,3-DICHLOROBENZENE	541-73-1	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	1,3-DICHLOROBENZENE	541-73-1	500	500	ug/Kg	U	V

20.5

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41293	0	2	IN	SS40071AE	1,3-DICHLOROBENZENE	541-73-1	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	1,3-DICHLOROBENZENE	541-73-1	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	1,3-DICHLOROBENZENE	541-73-1	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	1,3-DICHLOROBENZENE	541-73-1	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	1,3-DICHLOROBENZENE	541-73-1	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	1,3-DICHLOROBENZENE	541-73-1	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	1,3-DICHLOROBENZENE	541-73-1	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	1,3-DICHLOROBENZENE	541-73-1	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	1,3-DICHLOROBENZENE	541-73-1	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	1,3-DICHLOROBENZENE	541-73-1	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	1,3-DICHLOROBENZENE	541-73-1	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	1,3-DICHLOROBENZENE	541-73-1	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	1,3-DICHLOROBENZENE	541-73-1	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	1,3-DICHLOROBENZENE	541-73-1	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	1,3-DICHLOROBENZENE	541-73-1	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	1,3-DICHLOROBENZENE	541-73-1	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	1,3-DICHLOROBENZENE	541-73-1	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	1,3-DICHLOROBENZENE	541-73-1	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	1,3-DICHLOROBENZENE	541-73-1	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	1,3-DICHLOROBENZENE	541-73-1	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	1,3-DICHLOROBENZENE	541-73-1	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	1,3-DICHLOROBENZENE	541-73-1	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	1,3-DICHLOROBENZENE	541-73-1	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	1,3-DICHLOROBENZENE	541-73-1	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	1,3-DICHLOROBENZENE	541-73-1	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	1,3-DICHLOROBENZENE	541-73-1	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	1,3-DICHLOROBENZENE	541-73-1	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	1,3-DICHLOROBENZENE	541-73-1	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	1,3-DICHLOROBENZENE	541-73-1	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	1,3-DICHLOROBENZENE	541-73-1	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	1,3-DICHLOROBENZENE	541-73-1	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	1,3-DICHLOROBENZENE	541-73-1	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	1,3-DICHLOROBENZENE	541-73-1	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	1,3-DICHLOROBENZENE	541-73-1	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	1,3-DICHLOROBENZENE	541-73-1	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	1,3-DICHLOROBENZENE	541-73-1	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	1,3-DICHLOROBENZENE	541-73-1	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	1,3-DICHLOROBENZENE	541-73-1	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	1,3-DICHLOROBENZENE	541-73-1	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	1,3-DICHLOROBENZENE	541-73-1	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	1,3-DICHLOROBENZENE	541-73-1	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	1,3-DICHLOROBENZENE	541-73-1	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	1,3-DICHLOROBENZENE	541-73-1	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	1,3-DICHLOROBENZENE	541-73-1	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	1,3-DICHLOROBENZENE	541-73-1	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	1,3-DICHLOROBENZENE	541-73-1	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	1,3-DICHLOROBENZENE	541-73-1	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	1,3-DICHLOROBENZENE	541-73-1	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	1,3-DICHLOROBENZENE	541-73-1	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	1,3-DICHLOROBENZENE	541-73-1	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	1,3-DICHLOROBENZENE	541-73-1	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	1,3-DICHLOROBENZENE	541-73-1	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	1,3-DICHLOROBENZENE	541-73-1	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	1,3-DICHLOROBENZENE	541-73-1	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	1,3-DICHLOROBENZENE	541-73-1	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	1,3-DICHLOROBENZENE	541-73-1	330	380	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	1,3-DIOXOLANE, 2,2-DIMETHYL-	2916-31-6		320	ug/Kg	J	Z
05093	0	2	IN	SS00002AE	1,4-DCB	106-46-7	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	1,4-DCB	106-46-7	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	1,4-DCB	106-46-7	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	1,4-DCB	106-46-7	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	1,4-DCB	106-46-7	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	1,4-DCB	106-46-7	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	1,4-DCB	106-46-7	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	1,4-DCB	106-46-7	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	1,4-DCB	106-46-7	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	1,4-DCB	106-46-7	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	1,4-DCB	106-46-7	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	1,4-DCB	106-46-7	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	1,4-DCB	106-46-7	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	1,4-DCB	106-46-7	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	1,4-DCB	106-46-7	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	1,4-DCB	106-46-7	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	1,4-DCB	106-46-7	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	1,4-DCB	106-46-7	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	1,4-DCB	106-46-7	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	1,4-DCB	106-46-7	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	1,4-DCB	106-46-7	350	350	ug/Kg	U	V

206

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42693	0	2	IN	SS40080AE	1,4-DCB	106-46-7	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	1,4-DCB	106-46-7	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	1,4-DCB	106-46-7	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	1,4-DCB	106-46-7	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	1,4-DCB	106-46-7	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	1,4-DCB	106-46-7	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	1,4-DCB	106-46-7	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	1,4-DCB	106-46-7	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	1,4-DCB	106-46-7	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	1,4-DCB	106-46-7	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	1,4-DCB	106-46-7	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	1,4-DCB	106-46-7	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	1,4-DCB	106-46-7	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	1,4-DCB	106-46-7	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	1,4-DCB	106-46-7	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	1,4-DCB	106-46-7	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	1,4-DCB	106-46-7	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	1,4-DCB	106-46-7	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	1,4-DCB	106-46-7	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	1,4-DCB	106-46-7	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	1,4-DCB	106-46-7	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	1,4-DCB	106-46-7	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	1,4-DCB	106-46-7	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	1,4-DCB	106-46-7	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	1,4-DCB	106-46-7	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	1,4-DCB	106-46-7	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	1,4-DCB	106-46-7	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	1,4-DCB	106-46-7	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	1,4-DCB	106-46-7	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	1,4-DCB	106-46-7	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	1,4-DCB	106-46-7	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	1,4-DCB	106-46-7	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	1,4-DCB	106-46-7	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	1,4-DCB	106-46-7	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	1,4-DCB	106-46-7	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	1,4-DCB	106-46-7	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	1,4-DCB	106-46-7	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	1,4-DCB	106-46-7	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	1,4-DCB	106-46-7	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	1,4-DCB	106-46-7	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	1,4-DCB	106-46-7	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	1,4-DCB	106-46-7	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	1,4-DCB	106-46-7	390	390	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	1,4-DCB	106-46-7	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	1-METHYL NAPHTHALENE	90-12-0		80	ug/Kg	J	Z
05093	0	2	IN	SS00002AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	V
05393	0	2	IN	SS00005AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	2,4,5-TRICHLOROPHENOL	95-95-4	2400	2400	ug/Kg	U	V
40293	0	2	IN	SS40042AE	2,4,5-TRICHLOROPHENOL	95-95-4	2200	2200	ug/Kg	U	V
40393	0	2	IN	SS40053AE	2,4,5-TRICHLOROPHENOL	95-95-4	2200	2200	ug/Kg	U	V
40693	0	2	IN	SS40057AE	2,4,5-TRICHLOROPHENOL	95-95-4	3000	3000	ug/Kg	U	V
40793	0	2	IN	SS40058AE	2,4,5-TRICHLOROPHENOL	95-95-4	2900	2900	ug/Kg	U	V
40893	0	2	IN	SS40004AE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1900	ug/Kg	U	V
40993	0	2	IN	SS40072AE	2,4,5-TRICHLOROPHENOL	95-95-4	2000	2000	ug/Kg	U	V
41193	0	2	IN	SS40007AE	2,4,5-TRICHLOROPHENOL	95-95-4	2500	2500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	2,4,5-TRICHLOROPHENOL	95-95-4	3700	3700	ug/Kg	U	V
41593	4	6	IN	SS40073AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
41693	0	2	IN	SS40410AE	2,4,5-TRICHLOROPHENOL	95-95-4	2200	2200	ug/Kg	U	V
41793	0	2	IN	SS40077AE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	
41993	0	2	IN	SS40009AE	2,4,5-TRICHLOROPHENOL	95-95-4	2000	2000	ug/Kg	U	
42093	0	2	IN	SS40480AE	2,4,5-TRICHLOROPHENOL	95-95-4	1700	1700	ug/Kg	U	V
42193	4	6	IN	SS40012AE	2,4,5-TRICHLOROPHENOL	95-95-4	1700	1700	ug/Kg	U	V
42293	0	2	IN	SS40078AE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	J
42393	0	2	IN	SS40079AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
42593	4	6	IN	SS40082AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
42693	0	2	IN	SS40080AE	2,4,5-TRICHLOROPHENOL	95-95-4	2600	2600	ug/Kg	U	J
42993	0	2	IN	SS40056AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
43193	0	2	IN	SS40084AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	
43393	4	6	IN	SS40087AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
43495	0	2	IN	SS40086AE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	J
43693	4	6	IN	SS40089AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
43793	0	2	IN	SS40088AE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	V
43893	0	2	IN	SS40010AE	2,4,5-TRICHLOROPHENOL	95-95-4	2000	2000	ug/Kg	U	V
43993	0	2	IN	SS40091AE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	V
44093	0	2	IN	SS40090AE	2,4,5-TRICHLOROPHENOL	95-95-4	2000	2000	ug/Kg	U	
44393	0	2	IN	SS40005AE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	V
44893	0	2	IN	SS40070AE	2,4,5-TRICHLOROPHENOL	95-95-4	2200	2200	ug/Kg	U	V

207

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
45693	0	2	IN	SS40094AE	2,4,5-TRICHLOROPHENOL	95-95-4	2400	2400	ug/Kg	U	V
45793	0	2	IN	SS40015AE	2,4,5-TRICHLOROPHENOL	95-95-4	2500	2500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	2,4,5-TRICHLOROPHENOL	95-95-4	2100	2100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1800	ug/Kg	U	V
46793	4	6	IN	SS40142AE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1800	ug/Kg	U	V
46893	4	6	IN	SS40143AE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1800	ug/Kg	U	V
47093	0	1	IN	SS40145AE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1800	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	2,4,5-TRICHLOROPHENOL	95-95-4	2300	2300	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	2,4,5-TRICHLOROPHENOL	95-95-4	1700	1700	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	2,4,5-TRICHLOROPHENOL	95-95-4	1700	1700	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	2,4,5-TRICHLOROPHENOL	95-95-4	2300	2300	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	2,4,5-TRICHLOROPHENOL	95-95-4	2400	2400	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	2,4,5-TRICHLOROPHENOL	95-95-4	2400	2400	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	2,4,5-TRICHLOROPHENOL	95-95-4	2200	2200	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	2,4,5-TRICHLOROPHENOL	95-95-4	2200	2200	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	2,4,5-TRICHLOROPHENOL	95-95-4	1700	1700	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	2,4,5-TRICHLOROPHENOL	95-95-4	3500	3500	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	2,4,5-TRICHLOROPHENOL	95-95-4	2300	2300	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	2,4,5-TRICHLOROPHENOL	95-95-4	2200	2200	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	2,4,5-TRICHLOROPHENOL	95-95-4	3100	3100	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	2,4,5-TRICHLOROPHENOL	95-95-4	2100	2100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	2,4,5-TRICHLOROPHENOL	95-95-4	2000	2000	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1700	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1700	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1800	ug/Kg	U	V
05093	0	2	IN	SS00002AE	2,4,6-TRICHLOROPHENOL	88-06-2	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	2,4,6-TRICHLOROPHENOL	88-06-2	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	2,4,6-TRICHLOROPHENOL	88-06-2	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	2,4,6-TRICHLOROPHENOL	88-06-2	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	2,4,6-TRICHLOROPHENOL	88-06-2	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	2,4,6-TRICHLOROPHENOL	88-06-2	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	2,4,6-TRICHLOROPHENOL	88-06-2	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	2,4,6-TRICHLOROPHENOL	88-06-2	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	2,4,6-TRICHLOROPHENOL	88-06-2	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	2,4,6-TRICHLOROPHENOL	88-06-2	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	2,4,6-TRICHLOROPHENOL	88-06-2	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	2,4,6-TRICHLOROPHENOL	88-06-2	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	2,4,6-TRICHLOROPHENOL	88-06-2	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	2,4,6-TRICHLOROPHENOL	88-06-2	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	2,4,6-TRICHLOROPHENOL	88-06-2	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	2,4,6-TRICHLOROPHENOL	88-06-2	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	2,4,6-TRICHLOROPHENOL	88-06-2	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	2,4,6-TRICHLOROPHENOL	88-06-2	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	2,4,6-TRICHLOROPHENOL	88-06-2	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	2,4,6-TRICHLOROPHENOL	88-06-2	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	2,4,6-TRICHLOROPHENOL	88-06-2	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	2,4,6-TRICHLOROPHENOL	88-06-2	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	2,4,6-TRICHLOROPHENOL	88-06-2	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	2,4,6-TRICHLOROPHENOL	88-06-2	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	2,4,6-TRICHLOROPHENOL	88-06-2	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	2,4,6-TRICHLOROPHENOL	88-06-2	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	2,4,6-TRICHLOROPHENOL	88-06-2	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	2,4,6-TRICHLOROPHENOL	88-06-2	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	2,4,6-TRICHLOROPHENOL	88-06-2	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	2,4,6-TRICHLOROPHENOL	88-06-2	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	2,4,6-TRICHLOROPHENOL	88-06-2	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	2,4,6-TRICHLOROPHENOL	88-06-2	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	2,4,6-TRICHLOROPHENOL	88-06-2	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	2,4,6-TRICHLOROPHENOL	88-06-2	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	2,4,6-TRICHLOROPHENOL	88-06-2	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	2,4,6-TRICHLOROPHENOL	88-06-2	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	2,4,6-TRICHLOROPHENOL	88-06-2	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	2,4,6-TRICHLOROPHENOL	88-06-2	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	2,4,6-TRICHLOROPHENOL	88-06-2	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	2,4,6-TRICHLOROPHENOL	88-06-2	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	2,4,6-TRICHLOROPHENOL	88-06-2	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	2,4,6-TRICHLOROPHENOL	88-06-2	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	2,4,6-TRICHLOROPHENOL	88-06-2	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	2,4,6-TRICHLOROPHENOL	88-06-2	360	360	ug/Kg	U	V

208

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS400793	0	2	IN	SS40023AE	2,4,6-TRICHLOROPHENOL	88-06-2	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	2,4,6-TRICHLOROPHENOL	88-06-2	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	2,4,6-TRICHLOROPHENOL	88-06-2	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	2,4,6-TRICHLOROPHENOL	88-06-2	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	2,4,6-TRICHLOROPHENOL	88-06-2	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	2,4,6-TRICHLOROPHENOL	88-06-2	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	2,4,6-TRICHLOROPHENOL	88-06-2	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	2,4,6-TRICHLOROPHENOL	88-06-2	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	2,4,6-TRICHLOROPHENOL	88-06-2	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	2,4,6-TRICHLOROPHENOL	88-06-2	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	2,4,6-TRICHLOROPHENOL	88-06-2	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	2,4,6-TRICHLOROPHENOL	88-06-2	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	2,4,6-TRICHLOROPHENOL	88-06-2	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	2,4,6-TRICHLOROPHENOL	88-06-2	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	2,4,6-TRICHLOROPHENOL	88-06-2	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	2,4,6-TRICHLOROPHENOL	88-06-2	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	2,4,6-TRICHLOROPHENOL	88-06-2	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	2,4,6-TRICHLOROPHENOL	88-06-2	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	2,4,6-TRICHLOROPHENOL	88-06-2	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	2,4,6-TRICHLOROPHENOL	88-06-2	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	2,4,6-TRICHLOROPHENOL	88-06-2	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	2,4,6-TRICHLOROPHENOL	88-06-2	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	2,4,6-TRICHLOROPHENOL	88-06-2	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	2,4-DICHLOROPHENOL	120-83-2	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	2,4-DICHLOROPHENOL	120-83-2	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	2,4-DICHLOROPHENOL	120-83-2	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	2,4-DICHLOROPHENOL	120-83-2	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	2,4-DICHLOROPHENOL	120-83-2	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	2,4-DICHLOROPHENOL	120-83-2	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	2,4-DICHLOROPHENOL	120-83-2	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	2,4-DICHLOROPHENOL	120-83-2	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	2,4-DICHLOROPHENOL	120-83-2	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	2,4-DICHLOROPHENOL	120-83-2	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	2,4-DICHLOROPHENOL	120-83-2	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	2,4-DICHLOROPHENOL	120-83-2	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	2,4-DICHLOROPHENOL	120-83-2	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	2,4-DICHLOROPHENOL	120-83-2	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	2,4-DICHLOROPHENOL	120-83-2	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	2,4-DICHLOROPHENOL	120-83-2	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	2,4-DICHLOROPHENOL	120-83-2	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	2,4-DICHLOROPHENOL	120-83-2	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	2,4-DICHLOROPHENOL	120-83-2	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	2,4-DICHLOROPHENOL	120-83-2	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	2,4-DICHLOROPHENOL	120-83-2	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	2,4-DICHLOROPHENOL	120-83-2	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	2,4-DICHLOROPHENOL	120-83-2	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	2,4-DICHLOROPHENOL	120-83-2	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	2,4-DICHLOROPHENOL	120-83-2	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	2,4-DICHLOROPHENOL	120-83-2	380	380	ug/Kg	U	J
43893	4	6	IN	SS40089AE	2,4-DICHLOROPHENOL	120-83-2	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	2,4-DICHLOROPHENOL	120-83-2	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	2,4-DICHLOROPHENOL	120-83-2	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	2,4-DICHLOROPHENOL	120-83-2	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	2,4-DICHLOROPHENOL	120-83-2	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	2,4-DICHLOROPHENOL	120-83-2	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	2,4-DICHLOROPHENOL	120-83-2	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	2,4-DICHLOROPHENOL	120-83-2	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	2,4-DICHLOROPHENOL	120-83-2	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	2,4-DICHLOROPHENOL	120-83-2	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	2,4-DICHLOROPHENOL	120-83-2	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	2,4-DICHLOROPHENOL	120-83-2	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	2,4-DICHLOROPHENOL	120-83-2	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	2,4-DICHLOROPHENOL	120-83-2	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	2,4-DICHLOROPHENOL	120-83-2	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	2,4-DICHLOROPHENOL	120-83-2	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	2,4-DICHLOROPHENOL	120-83-2	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	2,4-DICHLOROPHENOL	120-83-2	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	2,4-DICHLOROPHENOL	120-83-2	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	2,4-DICHLOROPHENOL	120-83-2	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	2,4-DICHLOROPHENOL	120-83-2	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	2,4-DICHLOROPHENOL	120-83-2	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	2,4-DICHLOROPHENOL	120-83-2	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	2,4-DICHLOROPHENOL	120-83-2	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	2,4-DICHLOROPHENOL	120-83-2	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	2,4-DICHLOROPHENOL	120-83-2	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	2,4-DICHLOROPHENOL	120-83-2	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	2,4-DICHLOROPHENOL	120-83-2	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	2,4-DICHLOROPHENOL	120-83-2	370	370	ug/Kg	U	V

209

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS402893	0	2	IN	SS40044AE	2,4-DICHLOROPHENOL	120-83-2	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	2,4-DICHLOROPHENOL	120-83-2	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	2,4-DICHLOROPHENOL	120-83-2	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	2,4-DICHLOROPHENOL	120-83-2	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	2,4-DICHLOROPHENOL	120-83-2	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	2,4-DICHLOROPHENOL	120-83-2	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	2,4-DICHLOROPHENOL	120-83-2	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	2,4-DICHLOROPHENOL	120-83-2	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	2,4-DICHLOROPHENOL	120-83-2	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	2,4-DICHLOROPHENOL	120-83-2	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	2,4-DICHLOROPHENOL	120-83-2	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	2,4-DICHLOROPHENOL	120-83-2	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	2,4-DIMETHYLPHENOL	105-67-9	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	2,4-DIMETHYLPHENOL	105-67-9	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	2,4-DIMETHYLPHENOL	105-67-9	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	2,4-DIMETHYLPHENOL	105-67-9	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	2,4-DIMETHYLPHENOL	105-67-9	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	2,4-DIMETHYLPHENOL	105-67-9	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	2,4-DIMETHYLPHENOL	105-67-9	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	2,4-DIMETHYLPHENOL	105-67-9	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	2,4-DIMETHYLPHENOL	105-67-9	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	2,4-DIMETHYLPHENOL	105-67-9	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	2,4-DIMETHYLPHENOL	105-67-9	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	2,4-DIMETHYLPHENOL	105-67-9	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	2,4-DIMETHYLPHENOL	105-67-9	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	2,4-DIMETHYLPHENOL	105-67-9	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	2,4-DIMETHYLPHENOL	105-67-9	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	2,4-DIMETHYLPHENOL	105-67-9	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	2,4-DIMETHYLPHENOL	105-67-9	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	2,4-DIMETHYLPHENOL	105-67-9	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	2,4-DIMETHYLPHENOL	105-67-9	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	2,4-DIMETHYLPHENOL	105-67-9	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	2,4-DIMETHYLPHENOL	105-67-9	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	2,4-DIMETHYLPHENOL	105-67-9	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	2,4-DIMETHYLPHENOL	105-67-9	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	2,4-DIMETHYLPHENOL	105-67-9	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	2,4-DIMETHYLPHENOL	105-67-9	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	2,4-DIMETHYLPHENOL	105-67-9	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	2,4-DIMETHYLPHENOL	105-67-9	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	2,4-DIMETHYLPHENOL	105-67-9	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	2,4-DIMETHYLPHENOL	105-67-9	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	2,4-DIMETHYLPHENOL	105-67-9	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	2,4-DIMETHYLPHENOL	105-67-9	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	2,4-DIMETHYLPHENOL	105-67-9	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	2,4-DIMETHYLPHENOL	105-67-9	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	2,4-DIMETHYLPHENOL	105-67-9	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	2,4-DIMETHYLPHENOL	105-67-9	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	2,4-DIMETHYLPHENOL	105-67-9	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	2,4-DIMETHYLPHENOL	105-67-9	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	2,4-DIMETHYLPHENOL	105-67-9	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	2,4-DIMETHYLPHENOL	105-67-9	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	2,4-DIMETHYLPHENOL	105-67-9	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	2,4-DIMETHYLPHENOL	105-67-9	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	2,4-DIMETHYLPHENOL	105-67-9	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	2,4-DIMETHYLPHENOL	105-67-9	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	2,4-DIMETHYLPHENOL	105-67-9	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	2,4-DIMETHYLPHENOL	105-67-9	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	2,4-DIMETHYLPHENOL	105-67-9	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	2,4-DIMETHYLPHENOL	105-67-9	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	2,4-DIMETHYLPHENOL	105-67-9	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	2,4-DIMETHYLPHENOL	105-67-9	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	2,4-DIMETHYLPHENOL	105-67-9	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	2,4-DIMETHYLPHENOL	105-67-9	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	2,4-DIMETHYLPHENOL	105-67-9	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	2,4-DIMETHYLPHENOL	105-67-9	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	2,4-DIMETHYLPHENOL	105-67-9	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	2,4-DIMETHYLPHENOL	105-67-9	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	2,4-DIMETHYLPHENOL	105-67-9	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	2,4-DIMETHYLPHENOL	105-67-9	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	2,4-DIMETHYLPHENOL	105-67-9	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	2,4-DIMETHYLPHENOL	105-67-9	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	2,4-DIMETHYLPHENOL	105-67-9	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	2,4-DIMETHYLPHENOL	105-67-9	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	2,4-DIMETHYLPHENOL	105-67-9	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	2,4-DIMETHYLPHENOL	105-67-9	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	2,4-DIMETHYLPHENOL	105-67-9	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	2,4-DIMETHYLPHENOL	105-67-9	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	2,4-DIMETHYLPHENOL	105-67-9	330	350	ug/Kg	U	V

210

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS811493	0	3	IN	SSG0108JE	2,4-DIMETHYLPHENOL	105-67-9	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	V
05393	0	2	IN	SS00005AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	2,4-DINITROPHENOL	51-28-5	2400	2400	ug/Kg	U	V
40293	0	2	IN	SS40042AE	2,4-DINITROPHENOL	51-28-5	2200	2200	ug/Kg	U	V
40393	0	2	IN	SS40053AE	2,4-DINITROPHENOL	51-28-5	2200	2200	ug/Kg	U	V
40693	0	2	IN	SS40057AE	2,4-DINITROPHENOL	51-28-5	3000	3000	ug/Kg	U	V
40793	0	2	IN	SS40058AE	2,4-DINITROPHENOL	51-28-5	2900	2900	ug/Kg	U	V
40893	0	2	IN	SS40004AE	2,4-DINITROPHENOL	51-28-5	1600	1900	ug/Kg	U	V
40993	0	2	IN	SS40072AE	2,4-DINITROPHENOL	51-28-5	2000	2000	ug/Kg	U	V
41193	0	2	IN	SS40007AE	2,4-DINITROPHENOL	51-28-5	2500	2500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	2,4-DINITROPHENOL	51-28-5	3700	3700	ug/Kg	U	V
41593	4	6	IN	SS40073AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
41693	0	2	IN	SS40410AE	2,4-DINITROPHENOL	51-28-5	2200	2200	ug/Kg	U	V
41793	0	2	IN	SS40077AE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	
41993	0	2	IN	SS40009AE	2,4-DINITROPHENOL	51-28-5	2000	2000	ug/Kg	U	
42093	0	2	IN	SS40480AE	2,4-DINITROPHENOL	51-28-5	1700	1700	ug/Kg	U	V
42193	4	6	IN	SS40012AE	2,4-DINITROPHENOL	51-28-5	1700	1700	ug/Kg	U	V
42293	0	2	IN	SS40078AE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	J
42393	0	2	IN	SS40079AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
42593	4	6	IN	SS40082AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
42693	0	2	IN	SS40080AE	2,4-DINITROPHENOL	51-28-5	2600	2600	ug/Kg	U	J
42993	0	2	IN	SS40056AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
43193	0	2	IN	SS40084AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	
43393	4	6	IN	SS40087AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
43493	0	2	IN	SS40086AE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	J
43693	4	6	IN	SS40089AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
43793	0	2	IN	SS40088AE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	V
43893	0	2	IN	SS40010AE	2,4-DINITROPHENOL	51-28-5	2000	2000	ug/Kg	U	V
43993	0	2	IN	SS40091AE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	V
44093	0	2	IN	SS40090AE	2,4-DINITROPHENOL	51-28-5	2000	2000	ug/Kg	U	
44393	0	2	IN	SS40005AE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	V
44893	0	2	IN	SS40070AE	2,4-DINITROPHENOL	51-28-5	2200	2200	ug/Kg	U	V
45693	0	2	IN	SS40094AE	2,4-DINITROPHENOL	51-28-5	2400	2400	ug/Kg	U	V
45793	0	2	IN	SS40015AE	2,4-DINITROPHENOL	51-28-5	2500	2500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	2,4-DINITROPHENOL	51-28-5	2100	2100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	2,4-DINITROPHENOL	51-28-5	1600	1800	ug/Kg	U	V
46793	4	6	IN	SS40142AE	2,4-DINITROPHENOL	51-28-5	1600	1800	ug/Kg	U	V
46893	4	6	IN	SS40143AE	2,4-DINITROPHENOL	51-28-5	1600	1800	ug/Kg	U	V
47093	0	1	IN	SS40145AE	2,4-DINITROPHENOL	51-28-5	1600	1800	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	2,4-DINITROPHENOL	51-28-5	2300	2300	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	2,4-DINITROPHENOL	51-28-5	1700	1700	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	2,4-DINITROPHENOL	51-28-5	1700	1700	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	2,4-DINITROPHENOL	51-28-5	2300	2300	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	2,4-DINITROPHENOL	51-28-5	2400	2400	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	2,4-DINITROPHENOL	51-28-5	2400	2400	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	2,4-DINITROPHENOL	51-28-5	2200	2200	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	2,4-DINITROPHENOL	51-28-5	2200	2200	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	2,4-DINITROPHENOL	51-28-5	1700	1700	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	2,4-DINITROPHENOL	51-28-5	3500	3500	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	2,4-DINITROPHENOL	51-28-5	2300	2300	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	2,4-DINITROPHENOL	51-28-5	2200	2200	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	2,4-DINITROPHENOL	51-28-5	3100	3100	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	2,4-DINITROPHENOL	51-28-5	2100	2100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	2,4-DINITROPHENOL	51-28-5	2000	2000	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	2,4-DINITROPHENOL	51-28-5	1600	1700	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	2,4-DINITROPHENOL	51-28-5	1600	1700	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	2,4-DINITROPHENOL	51-28-5	1600	1800	ug/Kg	U	V
05093	0	2	IN	SS00002AE	2,4-DNT	121-14-2	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	2,4-DNT	121-14-2	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	2,4-DNT	121-14-2	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	2,4-DNT	121-14-2	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	2,4-DNT	121-14-2	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	2,4-DNT	121-14-2	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	2,4-DNT	121-14-2	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	2,4-DNT	121-14-2	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	2,4-DNT	121-14-2	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	2,4-DNT	121-14-2	390	390	ug/Kg	U	V

211

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41193	0	2	IN	SS40007AE	2,4-DNT	121-14-2	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	2,4-DNT	121-14-2	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	2,4-DNT	121-14-2	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	2,4-DNT	121-14-2	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	2,4-DNT	121-14-2	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	2,4-DNT	121-14-2	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	2,4-DNT	121-14-2	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	2,4-DNT	121-14-2	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	2,4-DNT	121-14-2	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	2,4-DNT	121-14-2	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	2,4-DNT	121-14-2	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	2,4-DNT	121-14-2	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	2,4-DNT	121-14-2	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	2,4-DNT	121-14-2	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	2,4-DNT	121-14-2	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	2,4-DNT	121-14-2	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	2,4-DNT	121-14-2	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	2,4-DNT	121-14-2	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	2,4-DNT	121-14-2	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	2,4-DNT	121-14-2	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	2,4-DNT	121-14-2	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	2,4-DNT	121-14-2	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	2,4-DNT	121-14-2	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	2,4-DNT	121-14-2	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	2,4-DNT	121-14-2	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	2,4-DNT	121-14-2	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	2,4-DNT	121-14-2	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	2,4-DNT	121-14-2	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	2,4-DNT	121-14-2	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	2,4-DNT	121-14-2	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	2,4-DNT	121-14-2	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	2,4-DNT	121-14-2	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	2,4-DNT	121-14-2	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	2,4-DNT	121-14-2	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	2,4-DNT	121-14-2	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	2,4-DNT	121-14-2	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	2,4-DNT	121-14-2	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	2,4-DNT	121-14-2	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	2,4-DNT	121-14-2	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	2,4-DNT	121-14-2	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	2,4-DNT	121-14-2	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	2,4-DNT	121-14-2	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	2,4-DNT	121-14-2	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	2,4-DNT	121-14-2	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	2,4-DNT	121-14-2	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	2,4-DNT	121-14-2	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	2,4-DNT	121-14-2	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	2,4-DNT	121-14-2	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	2,4-DNT	121-14-2	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	2,4-DNT	121-14-2	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	2,4-DNT	121-14-2	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	2,4-DNT	121-14-2	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	2,4-DNT	121-14-2	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	2,4-DNT	121-14-2	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	2,4-DNT	121-14-2	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	2,4-DNT	121-14-2	330	350	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	2,6-DI-TERT-BUTYL-4-METHYL	128-37-0		190	ug/Kg	JB	Z
SS403193	0	2	IN	SS40047AE	2,6-DI-TERT-BUTYL-4-METHYL	128-37-0		220	ug/Kg	J	Z
05093	0	2	IN	SS00002AE	2,6-DNT	606-20-2	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	2,6-DNT	606-20-2	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	2,6-DNT	606-20-2	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	2,6-DNT	606-20-2	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	2,6-DNT	606-20-2	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	2,6-DNT	606-20-2	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	2,6-DNT	606-20-2	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	2,6-DNT	606-20-2	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	2,6-DNT	606-20-2	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	2,6-DNT	606-20-2	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	2,6-DNT	606-20-2	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	2,6-DNT	606-20-2	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	2,6-DNT	606-20-2	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	2,6-DNT	606-20-2	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	2,6-DNT	606-20-2	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	2,6-DNT	606-20-2	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	2,6-DNT	606-20-2	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	2,6-DNT	606-20-2	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	2,6-DNT	606-20-2	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	2,6-DNT	606-20-2	360	360	ug/Kg	U	V

212

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42593	4	6	IN	SS40082AE	2,6-DNT	606-20-2	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	2,6-DNT	606-20-2	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	2,6-DNT	606-20-2	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	2,6-DNT	606-20-2	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	2,6-DNT	606-20-2	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	2,6-DNT	606-20-2	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	2,6-DNT	606-20-2	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	2,6-DNT	606-20-2	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	2,6-DNT	606-20-2	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	2,6-DNT	606-20-2	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	2,6-DNT	606-20-2	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	2,6-DNT	606-20-2	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	2,6-DNT	606-20-2	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	2,6-DNT	606-20-2	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	2,6-DNT	606-20-2	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	2,6-DNT	606-20-2	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	2,6-DNT	606-20-2	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	2,6-DNT	606-20-2	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	2,6-DNT	606-20-2	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	2,6-DNT	606-20-2	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	2,6-DNT	606-20-2	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	2,6-DNT	606-20-2	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	2,6-DNT	606-20-2	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	2,6-DNT	606-20-2	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	2,6-DNT	606-20-2	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	2,6-DNT	606-20-2	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	2,6-DNT	606-20-2	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	2,6-DNT	606-20-2	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	2,6-DNT	606-20-2	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	2,6-DNT	606-20-2	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	2,6-DNT	606-20-2	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	2,6-DNT	606-20-2	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	2,6-DNT	606-20-2	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	2,6-DNT	606-20-2	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	2,6-DNT	606-20-2	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	2,6-DNT	606-20-2	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	2,6-DNT	606-20-2	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	2,6-DNT	606-20-2	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	2,6-DNT	606-20-2	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	2,6-DNT	606-20-2	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	2,6-DNT	606-20-2	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	2,6-DNT	606-20-2	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	2,6-DNT	606-20-2	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	2,6-DNT	606-20-2	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	2,6-DNT	606-20-2	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	2,6-DNT	606-20-2	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	2,6-DNT	606-20-2	330	380	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
05093	0	2	IN	SS00002AE	2-CHLORONAPHTHALENE	91-58-7	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	2-CHLORONAPHTHALENE	91-58-7	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	2-CHLORONAPHTHALENE	91-58-7	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	2-CHLORONAPHTHALENE	91-58-7	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	2-CHLORONAPHTHALENE	91-58-7	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	2-CHLORONAPHTHALENE	91-58-7	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	2-CHLORONAPHTHALENE	91-58-7	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	2-CHLORONAPHTHALENE	91-58-7	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	2-CHLORONAPHTHALENE	91-58-7	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	2-CHLORONAPHTHALENE	91-58-7	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	2-CHLORONAPHTHALENE	91-58-7	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	2-CHLORONAPHTHALENE	91-58-7	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	2-CHLORONAPHTHALENE	91-58-7	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	2-CHLORONAPHTHALENE	91-58-7	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	2-CHLORONAPHTHALENE	91-58-7	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	2-CHLORONAPHTHALENE	91-58-7	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	2-CHLORONAPHTHALENE	91-58-7	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	2-CHLORONAPHTHALENE	91-58-7	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	2-CHLORONAPHTHALENE	91-58-7	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	2-CHLORONAPHTHALENE	91-58-7	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	2-CHLORONAPHTHALENE	91-58-7	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	2-CHLORONAPHTHALENE	91-58-7	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	2-CHLORONAPHTHALENE	91-58-7	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	2-CHLORONAPHTHALENE	91-58-7	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	2-CHLORONAPHTHALENE	91-58-7	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	2-CHLORONAPHTHALENE	91-58-7	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	2-CHLORONAPHTHALENE	91-58-7	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	2-CHLORONAPHTHALENE	91-58-7	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	2-CHLORONAPHTHALENE	91-58-7	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	2-CHLORONAPHTHALENE	91-58-7	380	380	ug/Kg	U	V

213

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
44093	0	2	IN	SS40090AE	2-CHLORONAPHTHALENE	91-58-7	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	2-CHLORONAPHTHALENE	91-58-7	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	2-CHLORONAPHTHALENE	91-58-7	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	2-CHLORONAPHTHALENE	91-58-7	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	2-CHLORONAPHTHALENE	91-58-7	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	2-CHLORONAPHTHALENE	91-58-7	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	2-CHLORONAPHTHALENE	91-58-7	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	2-CHLORONAPHTHALENE	91-58-7	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	2-CHLORONAPHTHALENE	91-58-7	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	2-CHLORONAPHTHALENE	91-58-7	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	2-CHLORONAPHTHALENE	91-58-7	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	2-CHLORONAPHTHALENE	91-58-7	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	2-CHLORONAPHTHALENE	91-58-7	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	2-CHLORONAPHTHALENE	91-58-7	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	2-CHLORONAPHTHALENE	91-58-7	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	2-CHLORONAPHTHALENE	91-58-7	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	2-CHLORONAPHTHALENE	91-58-7	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	2-CHLORONAPHTHALENE	91-58-7	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	2-CHLORONAPHTHALENE	91-58-7	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	2-CHLORONAPHTHALENE	91-58-7	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	2-CHLORONAPHTHALENE	91-58-7	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	2-CHLORONAPHTHALENE	91-58-7	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	2-CHLORONAPHTHALENE	91-58-7	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	2-CHLORONAPHTHALENE	91-58-7	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	2-CHLORONAPHTHALENE	91-58-7	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	2-CHLORONAPHTHALENE	91-58-7	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	2-CHLORONAPHTHALENE	91-58-7	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	2-CHLORONAPHTHALENE	91-58-7	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	2-CHLORONAPHTHALENE	91-58-7	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	2-CHLORONAPHTHALENE	91-58-7	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	2-CHLORONAPHTHALENE	91-58-7	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	2-CHLORONAPHTHALENE	91-58-7	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	2-CHLORONAPHTHALENE	91-58-7	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	2-CHLORONAPHTHALENE	91-58-7	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	2-CHLORONAPHTHALENE	91-58-7	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	2-CHLORONAPHTHALENE	91-58-7	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	2-CHLORONAPHTHALENE	91-58-7	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	2-CHLOROPHENOL	95-57-8	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	2-CHLOROPHENOL	95-57-8	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	2-CHLOROPHENOL	95-57-8	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	2-CHLOROPHENOL	95-57-8	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	2-CHLOROPHENOL	95-57-8	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	2-CHLOROPHENOL	95-57-8	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	2-CHLOROPHENOL	95-57-8	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	2-CHLOROPHENOL	95-57-8	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	2-CHLOROPHENOL	95-57-8	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	2-CHLOROPHENOL	95-57-8	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	2-CHLOROPHENOL	95-57-8	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	2-CHLOROPHENOL	95-57-8	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	2-CHLOROPHENOL	95-57-8	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	2-CHLOROPHENOL	95-57-8	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	2-CHLOROPHENOL	95-57-8	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	2-CHLOROPHENOL	95-57-8	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	2-CHLOROPHENOL	95-57-8	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	2-CHLOROPHENOL	95-57-8	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	2-CHLOROPHENOL	95-57-8	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	2-CHLOROPHENOL	95-57-8	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	2-CHLOROPHENOL	95-57-8	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	2-CHLOROPHENOL	95-57-8	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	2-CHLOROPHENOL	95-57-8	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	2-CHLOROPHENOL	95-57-8	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	2-CHLOROPHENOL	95-57-8	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	2-CHLOROPHENOL	95-57-8	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	2-CHLOROPHENOL	95-57-8	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	2-CHLOROPHENOL	95-57-8	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	2-CHLOROPHENOL	95-57-8	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	2-CHLOROPHENOL	95-57-8	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	2-CHLOROPHENOL	95-57-8	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	2-CHLOROPHENOL	95-57-8	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	2-CHLOROPHENOL	95-57-8	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	2-CHLOROPHENOL	95-57-8	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	2-CHLOROPHENOL	95-57-8	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	2-CHLOROPHENOL	95-57-8	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	2-CHLOROPHENOL	95-57-8	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	2-CHLOROPHENOL	95-57-8	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	2-CHLOROPHENOL	95-57-8	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	2-CHLOROPHENOL	95-57-8	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	2-CHLOROPHENOL	95-57-8	460	460	ug/Kg	U	V

214

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS400393	0	2	IN	SS40019AE	2-CHLOROPHENOL	95-57-8	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	2-CHLOROPHENOL	95-57-8	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	2-CHLOROPHENOL	95-57-8	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	2-CHLOROPHENOL	95-57-8	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	2-CHLOROPHENOL	95-57-8	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	2-CHLOROPHENOL	95-57-8	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	2-CHLOROPHENOL	95-57-8	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	2-CHLOROPHENOL	95-57-8	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	2-CHLOROPHENOL	95-57-8	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	2-CHLOROPHENOL	95-57-8	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	2-CHLOROPHENOL	95-57-8	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	2-CHLOROPHENOL	95-57-8	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	2-CHLOROPHENOL	95-57-8	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	2-CHLOROPHENOL	95-57-8	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	2-CHLOROPHENOL	95-57-8	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	2-CHLOROPHENOL	95-57-8	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	2-CHLOROPHENOL	95-57-8	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	2-CHLOROPHENOL	95-57-8	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	2-CHLOROPHENOL	95-57-8	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	2-CHLOROPHENOL	95-57-8	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	2-CHLOROPHENOL	95-57-8	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	2-CHLOROPHENOL	95-57-8	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	2-CHLOROPHENOL	95-57-8	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	2-CHLOROPHENOL	95-57-8	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	2-CHLOROPHENOL	95-57-8	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	2-CHLOROPHENOL	95-57-8	330	380	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
05093	0	2	IN	SS00002AE	2-METHYLNAPHTHALENE	91-57-6	360	360	ug/Kg	U	Z
05393	0	2	IN	SS00005AE	2-METHYLNAPHTHALENE	91-57-6	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	2-METHYLNAPHTHALENE	91-57-6	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	2-METHYLNAPHTHALENE	91-57-6	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	2-METHYLNAPHTHALENE	91-57-6	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	2-METHYLNAPHTHALENE	91-57-6	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	2-METHYLNAPHTHALENE	91-57-6	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	2-METHYLNAPHTHALENE	91-57-6	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	2-METHYLNAPHTHALENE	91-57-6	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	2-METHYLNAPHTHALENE	91-57-6	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	2-METHYLNAPHTHALENE	91-57-6	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	2-METHYLNAPHTHALENE	91-57-6	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	2-METHYLNAPHTHALENE	91-57-6	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	2-METHYLNAPHTHALENE	91-57-6	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	2-METHYLNAPHTHALENE	91-57-6	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	2-METHYLNAPHTHALENE	91-57-6	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	2-METHYLNAPHTHALENE	91-57-6	350	150	ug/Kg	J	A
42293	0	2	IN	SS40078AE	2-METHYLNAPHTHALENE	91-57-6	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	2-METHYLNAPHTHALENE	91-57-6	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	2-METHYLNAPHTHALENE	91-57-6	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	2-METHYLNAPHTHALENE	91-57-6	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	2-METHYLNAPHTHALENE	91-57-6	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	2-METHYLNAPHTHALENE	91-57-6	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	2-METHYLNAPHTHALENE	91-57-6	350	350	ug/Kg	U	V
43693	4	6	IN	SS40089AE	2-METHYLNAPHTHALENE	91-57-6	350	120	ug/Kg	J	A
43793	0	2	IN	SS40088AE	2-METHYLNAPHTHALENE	91-57-6	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	2-METHYLNAPHTHALENE	91-57-6	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	2-METHYLNAPHTHALENE	91-57-6	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	2-METHYLNAPHTHALENE	91-57-6	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	2-METHYLNAPHTHALENE	91-57-6	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	2-METHYLNAPHTHALENE	91-57-6	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	2-METHYLNAPHTHALENE	91-57-6	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	2-METHYLNAPHTHALENE	91-57-6	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	2-METHYLNAPHTHALENE	91-57-6	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	2-METHYLNAPHTHALENE	91-57-6	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	2-METHYLNAPHTHALENE	91-57-6	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	2-METHYLNAPHTHALENE	91-57-6	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	2-METHYLNAPHTHALENE	91-57-6	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	2-METHYLNAPHTHALENE	91-57-6	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	2-METHYLNAPHTHALENE	91-57-6	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	2-METHYLNAPHTHALENE	91-57-6	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	2-METHYLNAPHTHALENE	91-57-6	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	2-METHYLNAPHTHALENE	91-57-6	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	2-METHYLNAPHTHALENE	91-57-6	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	2-METHYLNAPHTHALENE	91-57-6	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	2-METHYLNAPHTHALENE	91-57-6	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	2-METHYLNAPHTHALENE	91-57-6	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	2-METHYLNAPHTHALENE	91-57-6	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	2-METHYLNAPHTHALENE	91-57-6	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	2-METHYLNAPHTHALENE	91-57-6	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	2-METHYLNAPHTHALENE	91-57-6	380	380	ug/Kg	U	V

215

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS402593	0	2	IN	SS40041AE	2-METHYLNAPHTHALENE	91-57-6	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	2-METHYLNAPHTHALENE	91-57-6	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	2-METHYLNAPHTHALENE	91-57-6	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	2-METHYLNAPHTHALENE	91-57-6	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	2-METHYLNAPHTHALENE	91-57-6	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	2-METHYLNAPHTHALENE	91-57-6	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	2-METHYLNAPHTHALENE	91-57-6	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	2-METHYLNAPHTHALENE	91-57-6	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	2-METHYLNAPHTHALENE	91-57-6	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	2-METHYLNAPHTHALENE	91-57-6	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	2-METHYLNAPHTHALENE	91-57-6	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	2-METHYLNAPHTHALENE	91-57-6	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	2-METHYLNAPHTHALENE	91-57-6	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	2-METHYLNAPHTHALENE	91-57-6	330	78	ug/Kg	J	A
05093	0	2	IN	SS00002AE	2-METHYLPHENOL	95-48-7	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	2-METHYLPHENOL	95-48-7	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	2-METHYLPHENOL	95-48-7	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	2-METHYLPHENOL	95-48-7	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	2-METHYLPHENOL	95-48-7	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	2-METHYLPHENOL	95-48-7	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	2-METHYLPHENOL	95-48-7	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	2-METHYLPHENOL	95-48-7	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	2-METHYLPHENOL	95-48-7	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	2-METHYLPHENOL	95-48-7	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	2-METHYLPHENOL	95-48-7	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	2-METHYLPHENOL	95-48-7	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	2-METHYLPHENOL	95-48-7	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	2-METHYLPHENOL	95-48-7	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	2-METHYLPHENOL	95-48-7	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	2-METHYLPHENOL	95-48-7	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	2-METHYLPHENOL	95-48-7	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	2-METHYLPHENOL	95-48-7	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	2-METHYLPHENOL	95-48-7	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	2-METHYLPHENOL	95-48-7	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	2-METHYLPHENOL	95-48-7	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	2-METHYLPHENOL	95-48-7	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	2-METHYLPHENOL	95-48-7	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	2-METHYLPHENOL	95-48-7	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	2-METHYLPHENOL	95-48-7	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	2-METHYLPHENOL	95-48-7	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	2-METHYLPHENOL	95-48-7	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	2-METHYLPHENOL	95-48-7	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	2-METHYLPHENOL	95-48-7	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	2-METHYLPHENOL	95-48-7	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	2-METHYLPHENOL	95-48-7	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	2-METHYLPHENOL	95-48-7	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	2-METHYLPHENOL	95-48-7	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	2-METHYLPHENOL	95-48-7	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	2-METHYLPHENOL	95-48-7	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	2-METHYLPHENOL	95-48-7	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	2-METHYLPHENOL	95-48-7	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	2-METHYLPHENOL	95-48-7	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	2-METHYLPHENOL	95-48-7	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	2-METHYLPHENOL	95-48-7	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	2-METHYLPHENOL	95-48-7	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	2-METHYLPHENOL	95-48-7	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	2-METHYLPHENOL	95-48-7	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	2-METHYLPHENOL	95-48-7	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	2-METHYLPHENOL	95-48-7	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	2-METHYLPHENOL	95-48-7	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	2-METHYLPHENOL	95-48-7	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	2-METHYLPHENOL	95-48-7	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	2-METHYLPHENOL	95-48-7	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	2-METHYLPHENOL	95-48-7	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	2-METHYLPHENOL	95-48-7	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	2-METHYLPHENOL	95-48-7	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	2-METHYLPHENOL	95-48-7	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	2-METHYLPHENOL	95-48-7	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	2-METHYLPHENOL	95-48-7	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	2-METHYLPHENOL	95-48-7	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	2-METHYLPHENOL	95-48-7	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	2-METHYLPHENOL	95-48-7	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	2-METHYLPHENOL	95-48-7	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	2-METHYLPHENOL	95-48-7	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	2-METHYLPHENOL	95-48-7	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	2-METHYLPHENOL	95-48-7	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	2-METHYLPHENOL	95-48-7	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	2-METHYLPHENOL	95-48-7	390	390	ug/Kg	U	V

216

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS810893	0	3	IN	SSG0102JE	2-METHYLPHENOL	95-48-7	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	2-METHYLPHENOL	95-48-7	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	2-METHYLPHENOL	95-48-7	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	V
05393	0	2	IN	SS00005AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	2-NITROANILINE	88-74-4	2400	2400	ug/Kg	U	V
40293	0	2	IN	SS40042AE	2-NITROANILINE	88-74-4	2200	2200	ug/Kg	U	V
40393	0	2	IN	SS40053AE	2-NITROANILINE	88-74-4	2200	2200	ug/Kg	U	V
40693	0	2	IN	SS40057AE	2-NITROANILINE	88-74-4	3000	3000	ug/Kg	U	V
40793	0	2	IN	SS40058AE	2-NITROANILINE	88-74-4	2900	2900	ug/Kg	U	V
40893	0	2	IN	SS40004AE	2-NITROANILINE	88-74-4	1600	1900	ug/Kg	U	V
40993	0	2	IN	SS40072AE	2-NITROANILINE	88-74-4	2000	2000	ug/Kg	U	V
41193	0	2	IN	SS40007AE	2-NITROANILINE	88-74-4	2500	2500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	2-NITROANILINE	88-74-4	3700	3700	ug/Kg	U	V
41593	4	6	IN	SS40073AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
41693	0	2	IN	SS40410AE	2-NITROANILINE	88-74-4	2200	2200	ug/Kg	U	V
41793	0	2	IN	SS40077AE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	
41993	0	2	IN	SS40009AE	2-NITROANILINE	88-74-4	2000	2000	ug/Kg	U	
42093	0	2	IN	SS40480AE	2-NITROANILINE	88-74-4	1700	1700	ug/Kg	U	V
42193	4	6	IN	SS40012AE	2-NITROANILINE	88-74-4	1700	1700	ug/Kg	U	V
42293	0	2	IN	SS40078AE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	J
42393	0	2	IN	SS40079AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
42593	4	6	IN	SS40082AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
42693	0	2	IN	SS40080AE	2-NITROANILINE	88-74-4	2600	2600	ug/Kg	U	J
42993	0	2	IN	SS40056AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
43193	0	2	IN	SS40084AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	
43393	4	6	IN	SS40087AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
43493	0	2	IN	SS40086AE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	J
43693	4	6	IN	SS40089AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
43793	0	2	IN	SS40088AE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	V
43893	0	2	IN	SS40010AE	2-NITROANILINE	88-74-4	2000	2000	ug/Kg	U	V
43993	0	2	IN	SS40091AE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	V
44093	0	2	IN	SS40090AE	2-NITROANILINE	88-74-4	2000	2000	ug/Kg	U	
44393	0	2	IN	SS40005AE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	V
44893	0	2	IN	SS40070AE	2-NITROANILINE	88-74-4	2200	2200	ug/Kg	U	V
45693	0	2	IN	SS40094AE	2-NITROANILINE	88-74-4	2400	2400	ug/Kg	U	V
45793	0	2	IN	SS40015AE	2-NITROANILINE	88-74-4	2500	2500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	2-NITROANILINE	88-74-4	2100	2100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	2-NITROANILINE	88-74-4	1600	1800	ug/Kg	U	V
46793	4	6	IN	SS40142AE	2-NITROANILINE	88-74-4	1600	1800	ug/Kg	U	V
46893	4	6	IN	SS40143AE	2-NITROANILINE	88-74-4	1600	1800	ug/Kg	U	V
47093	0	1	IN	SS40145AE	2-NITROANILINE	88-74-4	1600	1800	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	2-NITROANILINE	88-74-4	2300	2300	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	2-NITROANILINE	88-74-4	1700	1700	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	2-NITROANILINE	88-74-4	1700	1700	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	2-NITROANILINE	88-74-4	2300	2300	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	2-NITROANILINE	88-74-4	2400	2400	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	2-NITROANILINE	88-74-4	2400	2400	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	2-NITROANILINE	88-74-4	2200	2200	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	2-NITROANILINE	88-74-4	2200	2200	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	2-NITROANILINE	88-74-4	1700	1700	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	2-NITROANILINE	88-74-4	3500	3500	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	2-NITROANILINE	88-74-4	2300	2300	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	2-NITROANILINE	88-74-4	2200	2200	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	2-NITROANILINE	88-74-4	3100	3100	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	2-NITROANILINE	88-74-4	2100	2100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	2-NITROANILINE	88-74-4	2000	2000	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	2-NITROANILINE	88-74-4	1600	1700	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	2-NITROANILINE	88-74-4	1600	1700	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	2-NITROANILINE	88-74-4	1600	1800	ug/Kg	U	V
05093	0	2	IN	SS00002AE	2-NITROPHENOL	88-75-5	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	2-NITROPHENOL	88-75-5	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	2-NITROPHENOL	88-75-5	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	2-NITROPHENOL	88-75-5	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	2-NITROPHENOL	88-75-5	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	2-NITROPHENOL	88-75-5	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	2-NITROPHENOL	88-75-5	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	2-NITROPHENOL	88-75-5	590	590	ug/Kg	U	V

217

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40893	0	2	IN	SS40004AE	2-NITROPHENOL	88-75-5	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	2-NITROPHENOL	88-75-5	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	2-NITROPHENOL	88-75-5	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	2-NITROPHENOL	88-75-5	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	2-NITROPHENOL	88-75-5	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	2-NITROPHENOL	88-75-5	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	2-NITROPHENOL	88-75-5	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	2-NITROPHENOL	88-75-5	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	2-NITROPHENOL	88-75-5	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	2-NITROPHENOL	88-75-5	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	2-NITROPHENOL	88-75-5	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	2-NITROPHENOL	88-75-5	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	2-NITROPHENOL	88-75-5	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	2-NITROPHENOL	88-75-5	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	2-NITROPHENOL	88-75-5	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	2-NITROPHENOL	88-75-5	360	360	ug/Kg	U	
43293	4	6	IN	SS40087AE	2-NITROPHENOL	88-75-5	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	2-NITROPHENOL	88-75-5	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	2-NITROPHENOL	88-75-5	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	2-NITROPHENOL	88-75-5	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	2-NITROPHENOL	88-75-5	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	2-NITROPHENOL	88-75-5	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	2-NITROPHENOL	88-75-5	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	2-NITROPHENOL	88-75-5	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	2-NITROPHENOL	88-75-5	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	2-NITROPHENOL	88-75-5	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	2-NITROPHENOL	88-75-5	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	2-NITROPHENOL	88-75-5	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	2-NITROPHENOL	88-75-5	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	2-NITROPHENOL	88-75-5	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	2-NITROPHENOL	88-75-5	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	2-NITROPHENOL	88-75-5	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	2-NITROPHENOL	88-75-5	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	2-NITROPHENOL	88-75-5	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	2-NITROPHENOL	88-75-5	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	2-NITROPHENOL	88-75-5	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	2-NITROPHENOL	88-75-5	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	2-NITROPHENOL	88-75-5	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	2-NITROPHENOL	88-75-5	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	2-NITROPHENOL	88-75-5	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	2-NITROPHENOL	88-75-5	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	2-NITROPHENOL	88-75-5	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	2-NITROPHENOL	88-75-5	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	2-NITROPHENOL	88-75-5	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	2-NITROPHENOL	88-75-5	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	2-NITROPHENOL	88-75-5	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	2-NITROPHENOL	88-75-5	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	2-NITROPHENOL	88-75-5	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	2-NITROPHENOL	88-75-5	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	2-NITROPHENOL	88-75-5	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	2-NITROPHENOL	88-75-5	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	2-NITROPHENOL	88-75-5	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	2-NITROPHENOL	88-75-5	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	2-NITROPHENOL	88-75-5	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	2-NITROPHENOL	88-75-5	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	2-NITROPHENOL	88-75-5	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	2-NITROPHENOL	88-75-5	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	2-NITROPHENOL	88-75-5	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	2-NITROPHENOL	88-75-5	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	3,3'-DICHLOROBENZIDINE	91-94-1	720	720	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	3,3'-DICHLOROBENZIDINE	91-94-1	750	750	ug/Kg	U	V
05393	0	2	IN	SS00005AE	3,3'-DICHLOROBENZIDINE	91-94-1	730	730	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	3,3'-DICHLOROBENZIDINE	91-94-1	950	950	ug/Kg	U	V
40293	0	2	IN	SS40042AE	3,3'-DICHLOROBENZIDINE	91-94-1	890	890	ug/Kg	U	V
40393	0	2	IN	SS40053AE	3,3'-DICHLOROBENZIDINE	91-94-1	890	890	ug/Kg	U	V
40693	0	2	IN	SS40057AE	3,3'-DICHLOROBENZIDINE	91-94-1	1200	1200	ug/Kg	U	V
40793	0	2	IN	SS40058AE	3,3'-DICHLOROBENZIDINE	91-94-1	1200	1200	ug/Kg	U	V
40893	0	2	IN	SS40004AE	3,3'-DICHLOROBENZIDINE	91-94-1	660	790	ug/Kg	U	V
40993	0	2	IN	SS40072AE	3,3'-DICHLOROBENZIDINE	91-94-1	790	790	ug/Kg	U	V
41193	0	2	IN	SS40007AE	3,3'-DICHLOROBENZIDINE	91-94-1	1000	1000	ug/Kg	U	V
41293	0	2	IN	SS40071AE	3,3'-DICHLOROBENZIDINE	91-94-1	1500	1500	ug/Kg	U	V
41593	4	6	IN	SS40073AE	3,3'-DICHLOROBENZIDINE	91-94-1	700	700	ug/Kg	U	V
41693	0	2	IN	SS40410AE	3,3'-DICHLOROBENZIDINE	91-94-1	890	890	ug/Kg	U	V
41793	0	2	IN	SS40077AE	3,3'-DICHLOROBENZIDINE	91-94-1	780	780	ug/Kg	U	
41993	0	2	IN	SS40009AE	3,3'-DICHLOROBENZIDINE	91-94-1	800	800	ug/Kg	U	
42093	0	2	IN	SS40480AE	3,3'-DICHLOROBENZIDINE	91-94-1	690	690	ug/Kg	U	V
42193	4	6	IN	SS40012AE	3,3'-DICHLOROBENZIDINE	91-94-1	690	690	ug/Kg	U	V
42293	0	2	IN	SS40078AE	3,3'-DICHLOROBENZIDINE	91-94-1	760	760	ug/Kg	U	J

218

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42393	0	2	IN	SS40079AE	3,3'-DICHLOROBENZIDINE	91-94-1	720	720	ug/Kg	U	J
42593	4	6	IN	SS40082AE	3,3'-DICHLOROBENZIDINE	91-94-1	700	700	ug/Kg	U	V
42693	0	2	IN	SS40080AE	3,3'-DICHLOROBENZIDINE	91-94-1	1000	1000	ug/Kg	U	J
42993	0	2	IN	SS40056AE	3,3'-DICHLOROBENZIDINE	91-94-1	740	740	ug/Kg	U	V
43193	0	2	IN	SS40084AE	3,3'-DICHLOROBENZIDINE	91-94-1	720	720	ug/Kg	U	
43393	4	6	IN	SS40087AE	3,3'-DICHLOROBENZIDINE	91-94-1	700	700	ug/Kg	U	V
43493	0	2	IN	SS40086AE	3,3'-DICHLOROBENZIDINE	91-94-1	750	750	ug/Kg	U	J
43693	4	6	IN	SS40089AE	3,3'-DICHLOROBENZIDINE	91-94-1	700	700	ug/Kg	U	V
43793	0	2	IN	SS40088AE	3,3'-DICHLOROBENZIDINE	91-94-1	760	760	ug/Kg	U	V
43893	0	2	IN	SS40010AE	3,3'-DICHLOROBENZIDINE	91-94-1	800	800	ug/Kg	U	V
43993	0	2	IN	SS40091AE	3,3'-DICHLOROBENZIDINE	91-94-1	770	770	ug/Kg	U	V
44093	0	2	IN	SS40090AE	3,3'-DICHLOROBENZIDINE	91-94-1	800	800	ug/Kg	U	
44393	0	2	IN	SS40005AE	3,3'-DICHLOROBENZIDINE	91-94-1	750	750	ug/Kg	U	V
44893	0	2	IN	SS40070AE	3,3'-DICHLOROBENZIDINE	91-94-1	870	870	ug/Kg	U	V
45693	0	2	IN	SS40094AE	3,3'-DICHLOROBENZIDINE	91-94-1	950	950	ug/Kg	U	V
45793	0	2	IN	SS40015AE	3,3'-DICHLOROBENZIDINE	91-94-1	990	990	ug/Kg	U	V
46193	0	2	IN	SS40096AE	3,3'-DICHLOROBENZIDINE	91-94-1	820	820	ug/Kg	U	V
46693	4	6	IN	SS40141AE	3,3'-DICHLOROBENZIDINE	91-94-1	660	720	ug/Kg	U	V
46793	4	6	IN	SS40142AE	3,3'-DICHLOROBENZIDINE	91-94-1	660	730	ug/Kg	U	V
46893	4	6	IN	SS40143AE	3,3'-DICHLOROBENZIDINE	91-94-1	660	730	ug/Kg	U	V
47093	0	1	IN	SS40145AE	3,3'-DICHLOROBENZIDINE	91-94-1	660	750	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	3,3'-DICHLOROBENZIDINE	91-94-1	690	690	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	3,3'-DICHLOROBENZIDINE	91-94-1	680	680	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	3,3'-DICHLOROBENZIDINE	91-94-1	730	730	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	3,3'-DICHLOROBENZIDINE	91-94-1	910	910	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	3,3'-DICHLOROBENZIDINE	91-94-1	970	970	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	3,3'-DICHLOROBENZIDINE	91-94-1	710	710	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	3,3'-DICHLOROBENZIDINE	91-94-1	750	750	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	3,3'-DICHLOROBENZIDINE	91-94-1	760	760	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	3,3'-DICHLOROBENZIDINE	91-94-1	890	890	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	3,3'-DICHLOROBENZIDINE	91-94-1	730	730	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	3,3'-DICHLOROBENZIDINE	91-94-1	700	700	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	3,3'-DICHLOROBENZIDINE	91-94-1	680	680	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	3,3'-DICHLOROBENZIDINE	91-94-1	1400	1400	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	3,3'-DICHLOROBENZIDINE	91-94-1	920	920	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	3,3'-DICHLOROBENZIDINE	91-94-1	890	890	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	3,3'-DICHLOROBENZIDINE	91-94-1	1300	1300	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	3,3'-DICHLOROBENZIDINE	91-94-1	830	830	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	3,3'-DICHLOROBENZIDINE	91-94-1	780	780	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	3,3'-DICHLOROBENZIDINE	91-94-1	780	780	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	3,3'-DICHLOROBENZIDINE	91-94-1	660	690	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	3,3'-DICHLOROBENZIDINE	91-94-1	660	700	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	3,3'-DICHLOROBENZIDINE	91-94-1	660	760	ug/Kg	U	V
05093	0	2	IN	SS00002AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	V
05393	0	2	IN	SS00005AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	3-NITROANILINE	99-09-2	2400	2400	ug/Kg	U	V
40293	0	2	IN	SS40042AE	3-NITROANILINE	99-09-2	2200	2200	ug/Kg	U	V
40393	0	2	IN	SS40053AE	3-NITROANILINE	99-09-2	2200	2200	ug/Kg	U	V
40693	0	2	IN	SS40057AE	3-NITROANILINE	99-09-2	3000	3000	ug/Kg	U	V
40793	0	2	IN	SS40058AE	3-NITROANILINE	99-09-2	2900	2900	ug/Kg	U	V
40893	0	2	IN	SS40004AE	3-NITROANILINE	99-09-2	1600	1900	ug/Kg	U	V
40993	0	2	IN	SS40072AE	3-NITROANILINE	99-09-2	2000	2000	ug/Kg	U	V
41193	0	2	IN	SS40007AE	3-NITROANILINE	99-09-2	2500	2500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	3-NITROANILINE	99-09-2	3700	3700	ug/Kg	U	V
41593	4	6	IN	SS40073AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
41693	0	2	IN	SS40410AE	3-NITROANILINE	99-09-2	2200	2200	ug/Kg	U	V
41793	0	2	IN	SS40077AE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	
41993	0	2	IN	SS40009AE	3-NITROANILINE	99-09-2	2000	2000	ug/Kg	U	
42093	0	2	IN	SS40480AE	3-NITROANILINE	99-09-2	1700	1700	ug/Kg	U	V
42193	4	6	IN	SS40012AE	3-NITROANILINE	99-09-2	1700	1700	ug/Kg	U	V
42293	0	2	IN	SS40078AE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	J
42393	0	2	IN	SS40079AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
42593	4	6	IN	SS40082AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
42693	0	2	IN	SS40080AE	3-NITROANILINE	99-09-2	2600	2600	ug/Kg	U	J
42993	0	2	IN	SS40056AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
43193	0	2	IN	SS40084AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	
43393	4	6	IN	SS40087AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
43493	0	2	IN	SS40086AE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	J
43693	4	6	IN	SS40089AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
43793	0	2	IN	SS40088AE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	V
43893	0	2	IN	SS40010AE	3-NITROANILINE	99-09-2	2000	2000	ug/Kg	U	V
43993	0	2	IN	SS40091AE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	V
44093	0	2	IN	SS40090AE	3-NITROANILINE	99-09-2	2000	2000	ug/Kg	U	
44393	0	2	IN	SS40005AE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	V
44893	0	2	IN	SS40070AE	3-NITROANILINE	99-09-2	2200	2200	ug/Kg	U	V
45693	0	2	IN	SS40094AE	3-NITROANILINE	99-09-2	2400	2400	ug/Kg	U	V
45793	0	2	IN	SS40015AE	3-NITROANILINE	99-09-2	2500	2500	ug/Kg	U	V

219

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46193	0	2	IN	SS40096AE	3-NITROANILINE	99-09-2	2100	2100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	3-NITROANILINE	99-09-2	1600	1800	ug/Kg	U	V
46793	4	6	IN	SS40142AE	3-NITROANILINE	99-09-2	1600	1800	ug/Kg	U	V
46893	4	6	IN	SS40143AE	3-NITROANILINE	99-09-2	1600	1800	ug/Kg	U	V
47093	0	1	IN	SS40145AE	3-NITROANILINE	99-09-2	1600	1800	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	3-NITROANILINE	99-09-2	2300	2300	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	3-NITROANILINE	99-09-2	1700	1700	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	3-NITROANILINE	99-09-2	1700	1700	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	3-NITROANILINE	99-09-2	2300	2300	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	3-NITROANILINE	99-09-2	2400	2400	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	3-NITROANILINE	99-09-2	2400	2400	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	3-NITROANILINE	99-09-2	2200	2200	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	3-NITROANILINE	99-09-2	2200	2200	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	3-NITROANILINE	99-09-2	1700	1700	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	3-NITROANILINE	99-09-2	3500	3500	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	3-NITROANILINE	99-09-2	2300	2300	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	3-NITROANILINE	99-09-2	2200	2200	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	3-NITROANILINE	99-09-2	3100	3100	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	3-NITROANILINE	99-09-2	2100	2100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	3-NITROANILINE	99-09-2	2000	2000	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	3-NITROANILINE	99-09-2	1600	1700	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	3-NITROANILINE	99-09-2	1600	1700	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	3-NITROANILINE	99-09-2	1600	1800	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	3-PENTEN-2-ONE	625-33-2		6100	ug/Kg	J	Z
05193	0	2	IN	SS00003AE	4,4'-DDD	72-54-8	18	18	ug/Kg	U	V
05393	0	2	IN	SS00005AE	4,4'-DDD	72-54-8	17	17	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	4,4'-DDD	72-54-8	23	23	ug/Kg	U	V
40293	0	2	IN	SS40042AE	4,4'-DDD	72-54-8	21	21	ug/Kg	U	V
40393	0	2	IN	SS40053AE	4,4'-DDD	72-54-8	21	21	ug/Kg	U	V
40693	0	2	IN	SS40057AE	4,4'-DDD	72-54-8	29	29	ug/Kg	U	V
40793	0	2	IN	SS40058AE	4,4'-DDD	72-54-8	28	28	ug/Kg	U	V
40893	0	2	IN	SS40004AE	4,4'-DDD	72-54-8	16	19	ug/Kg	U	V
40993	0	2	IN	SS40072AE	4,4'-DDD	72-54-8	19	19	ug/Kg	U	V
41193	0	2	IN	SS40007AE	4,4'-DDD	72-54-8	24	24	ug/Kg	U	V
41293	0	2	IN	SS40071AE	4,4'-DDD	72-54-8	36	36	ug/Kg	U	V
41593	4	6	IN	SS40073AE	4,4'-DDD	72-54-8	17	17	ug/Kg	U	V
41693	0	2	IN	SS40410AE	4,4'-DDD	72-54-8	21	21	ug/Kg	U	V
41793	0	2	IN	SS40077AE	4,4'-DDD	72-54-8	19	19	ug/Kg	U	V
41993	0	2	IN	SS40009AE	4,4'-DDD	72-54-8	19	19	ug/Kg	U	V
42093	0	2	IN	SS40480AE	4,4'-DDD	72-54-8	17	17	ug/Kg	U	V
42193	4	6	IN	SS40012AE	4,4'-DDD	72-54-8	17	17	ug/Kg	U	J
42393	0	2	IN	SS40079AE	4,4'-DDD	72-54-8	17	17	ug/Kg	U	V
42693	0	2	IN	SS40080AE	4,4'-DDD	72-54-8	25	25	ug/Kg	U	V
42993	0	2	IN	SS40056AE	4,4'-DDD	72-54-8	18	18	ug/Kg	U	V
43393	4	6	IN	SS40087AE	4,4'-DDD	72-54-8	17	17	ug/Kg	U	V
43693	4	6	IN	SS40089AE	4,4'-DDD	72-54-8	17	17	ug/Kg	U	V
43793	0	2	IN	SS40088AE	4,4'-DDD	72-54-8	18	18	ug/Kg	U	V
43893	0	2	IN	SS40010AE	4,4'-DDD	72-54-8	19	19	ug/Kg	U	V
43993	0	2	IN	SS40091AE	4,4'-DDD	72-54-8	18	18	ug/Kg	U	V
44093	0	2	IN	SS40090AE	4,4'-DDD	72-54-8	19	19	ug/Kg	U	V
44393	0	2	IN	SS40005AE	4,4'-DDD	72-54-8	18	18	ug/Kg	U	V
44893	0	2	IN	SS40070AE	4,4'-DDD	72-54-8	21	21	ug/Kg	U	V
45693	0	2	IN	SS40094AE	4,4'-DDD	72-54-8	23	23	ug/Kg	U	V
45793	0	2	IN	SS40015AE	4,4'-DDD	72-54-8	24	24	ug/Kg	U	V
46193	0	2	IN	SS40096AE	4,4'-DDD	72-54-8	20	20	ug/Kg	U	V
46693	4	6	IN	SS40141AE	4,4'-DDD	72-54-8	16	17	ug/Kg	U	V
46793	4	6	IN	SS40142AE	4,4'-DDD	72-54-8	16	18	ug/Kg	U	V
46893	4	6	IN	SS40143AE	4,4'-DDD	72-54-8	16	18	ug/Kg	U	V
47093	0	1	IN	SS40145AE	4,4'-DDD	72-54-8	16	18	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	4,4'-DDD	72-54-8	22	22	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	4,4'-DDD	72-54-8	17	17	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	4,4'-DDD	72-54-8	16	16	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	4,4'-DDD	72-54-8	17	17	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	4,4'-DDD	72-54-8	18	18	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	4,4'-DDD	72-54-8	22	22	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	4,4'-DDD	72-54-8	23	23	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	4,4'-DDD	72-54-8	17	17	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	4,4'-DDD	72-54-8	23	23	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	4,4'-DDD	72-54-8	21	21	ug/Kg	U	V

220

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS401693	0	2	IN	SS40032AE	4,4'-DDD	72-54-8	17	17	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	4,4'-DDD	72-54-8	18	18	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	4,4'-DDD	72-54-8	18	18	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	4,4'-DDD	72-54-8	21	21	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	4,4'-DDD	72-54-8	18	18	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	4,4'-DDD	72-54-8	17	17	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	4,4'-DDD	72-54-8	16	16	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	4,4'-DDD	72-54-8	34	34	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	4,4'-DDD	72-54-8	22	22	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	4,4'-DDD	72-54-8	21	21	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	4,4'-DDD	72-54-8	30	30	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	4,4'-DDD	72-54-8	20	20	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	4,4'-DDD	72-54-8	19	19	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	4,4'-DDD	72-54-8	19	19	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	4,4'-DDD	72-54-8	16	18	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	4,4'-DDD	72-54-8	16	20	ug/Kg	U	V
05193	0	2	IN	SS00003AE	4,4'-DDE	72-55-9	18	18	ug/Kg	U	V
05393	0	2	IN	SS00005AE	4,4'-DDE	72-55-9	17	17	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	4,4'-DDE	72-55-9	23	23	ug/Kg	U	V
40293	0	2	IN	SS40042AE	4,4'-DDE	72-55-9	21	21	ug/Kg	U	V
40393	0	2	IN	SS40053AE	4,4'-DDE	72-55-9	21	21	ug/Kg	U	V
40693	0	2	IN	SS40057AE	4,4'-DDE	72-55-9	29	29	ug/Kg	U	V
40793	0	2	IN	SS40058AE	4,4'-DDE	72-55-9	28	28	ug/Kg	U	V
40893	0	2	IN	SS40004AE	4,4'-DDE	72-55-9	16	19	ug/Kg	U	V
40993	0	2	IN	SS40072AE	4,4'-DDE	72-55-9	19	19	ug/Kg	U	V
41193	0	2	IN	SS40007AE	4,4'-DDE	72-55-9	24	24	ug/Kg	U	V
41293	0	2	IN	SS40071AE	4,4'-DDE	72-55-9	36	36	ug/Kg	U	V
41593	4	6	IN	SS40073AE	4,4'-DDE	72-55-9	17	17	ug/Kg	U	V
41693	0	2	IN	SS40410AE	4,4'-DDE	72-55-9	21	21	ug/Kg	U	V
41793	0	2	IN	SS40077AE	4,4'-DDE	72-55-9	19	19	ug/Kg	U	V
41993	0	2	IN	SS40009AE	4,4'-DDE	72-55-9	19	19	ug/Kg	U	V
42093	0	2	IN	SS40480AE	4,4'-DDE	72-55-9	17	17	ug/Kg	U	V
42193	4	6	IN	SS40012AE	4,4'-DDE	72-55-9	17	17	ug/Kg	U	J
42393	0	2	IN	SS40079AE	4,4'-DDE	72-55-9	17	17	ug/Kg	U	V
42693	0	2	IN	SS40080AE	4,4'-DDE	72-55-9	25	25	ug/Kg	U	V
42993	0	2	IN	SS40056AE	4,4'-DDE	72-55-9	18	18	ug/Kg	U	V
43393	4	6	IN	SS40087AE	4,4'-DDE	72-55-9	17	17	ug/Kg	U	V
43693	4	6	IN	SS40089AE	4,4'-DDE	72-55-9	17	17	ug/Kg	U	V
43793	0	2	IN	SS40088AE	4,4'-DDE	72-55-9	18	18	ug/Kg	U	V
43893	0	2	IN	SS40010AE	4,4'-DDE	72-55-9	19	19	ug/Kg	U	V
43993	0	2	IN	SS40091AE	4,4'-DDE	72-55-9	18	18	ug/Kg	U	V
44093	0	2	IN	SS40090AE	4,4'-DDE	72-55-9	19	19	ug/Kg	U	V
44393	0	2	IN	SS40005AE	4,4'-DDE	72-55-9	18	18	ug/Kg	U	V
44893	0	2	IN	SS40070AE	4,4'-DDE	72-55-9	21	21	ug/Kg	U	V
45693	0	2	IN	SS40094AE	4,4'-DDE	72-55-9	23	23	ug/Kg	U	V
45793	0	2	IN	SS40015AE	4,4'-DDE	72-55-9	24	24	ug/Kg	U	V
46193	0	2	IN	SS40096AE	4,4'-DDE	72-55-9	20	20	ug/Kg	U	V
46693	4	6	IN	SS40141AE	4,4'-DDE	72-55-9	16	17	ug/Kg	U	V
46793	4	6	IN	SS40142AE	4,4'-DDE	72-55-9	16	18	ug/Kg	U	V
46893	4	6	IN	SS40143AE	4,4'-DDE	72-55-9	16	18	ug/Kg	U	V
47093	0	1	IN	SS40145AE	4,4'-DDE	72-55-9	16	18	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	4,4'-DDE	72-55-9	22	22	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	4,4'-DDE	72-55-9	17	17	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	4,4'-DDE	72-55-9	16	16	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	4,4'-DDE	72-55-9	17	17	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	4,4'-DDE	72-55-9	18	18	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	4,4'-DDE	72-55-9	22	22	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	4,4'-DDE	72-55-9	23	23	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	4,4'-DDE	72-55-9	17	17	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	4,4'-DDE	72-55-9	23	23	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	4,4'-DDE	72-55-9	21	21	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	4,4'-DDE	72-55-9	17	17	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	4,4'-DDE	72-55-9	18	18	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	4,4'-DDE	72-55-9	18	18	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	4,4'-DDE	72-55-9	21	21	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	4,4'-DDE	72-55-9	18	18	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	4,4'-DDE	72-55-9	17	17	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	4,4'-DDE	72-55-9	16	16	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	4,4'-DDE	72-55-9	34	34	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	4,4'-DDE	72-55-9	22	22	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	4,4'-DDE	72-55-9	21	21	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	4,4'-DDE	72-55-9	30	30	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	4,4'-DDE	72-55-9	20	20	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	4,4'-DDE	72-55-9	19	19	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	4,4'-DDE	72-55-9	19	19	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	4,4'-DDE	72-55-9	16	18	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	4,4'-DDE	72-55-9	16	20	ug/Kg	U	V
05193	0	2	IN	SS00003AE	4,4'-DDT	50-29-3	18	18	ug/Kg	U	V

221

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05393	0	2	IN	SS00005AE	4,4'-DDT	50-29-3	17	17	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	4,4'-DDT	50-29-3	23	23	ug/Kg	U	V
40293	0	2	IN	SS40042AE	4,4'-DDT	50-29-3	21	21	ug/Kg	U	V
40393	0	2	IN	SS40053AE	4,4'-DDT	50-29-3	21	21	ug/Kg	U	V
40693	0	2	IN	SS40057AE	4,4'-DDT	50-29-3	29	29	ug/Kg	U	V
40793	0	2	IN	SS40058AE	4,4'-DDT	50-29-3	28	28	ug/Kg	U	V
40893	0	2	IN	SS40004AE	4,4'-DDT	50-29-3	16	19	ug/Kg	U	V
40993	0	2	IN	SS40072AE	4,4'-DDT	50-29-3	19	19	ug/Kg	U	V
41193	0	2	IN	SS40007AE	4,4'-DDT	50-29-3	24	24	ug/Kg	U	V
41293	0	2	IN	SS40071AE	4,4'-DDT	50-29-3	36	36	ug/Kg	U	V
41593	4	6	IN	SS40073AE	4,4'-DDT	50-29-3	17	17	ug/Kg	U	V
41693	0	2	IN	SS40410AE	4,4'-DDT	50-29-3	21	21	ug/Kg	U	V
41793	0	2	IN	SS40077AE	4,4'-DDT	50-29-3	19	19	ug/Kg	U	V
41993	0	2	IN	SS40009AE	4,4'-DDT	50-29-3	19	19	ug/Kg	U	V
42093	0	2	IN	SS40480AE	4,4'-DDT	50-29-3	17	17	ug/Kg	U	V
42193	4	6	IN	SS40012AE	4,4'-DDT	50-29-3	17	17	ug/Kg	U	J
42393	0	2	IN	SS40079AE	4,4'-DDT	50-29-3	17	17	ug/Kg	U	V
42693	0	2	IN	SS40080AE	4,4'-DDT	50-29-3	25	25	ug/Kg	U	V
42993	0	2	IN	SS40056AE	4,4'-DDT	50-29-3	18	18	ug/Kg	U	V
43393	4	6	IN	SS40087AE	4,4'-DDT	50-29-3	17	17	ug/Kg	U	V
43693	4	6	IN	SS40089AE	4,4'-DDT	50-29-3	17	17	ug/Kg	U	V
43793	0	2	IN	SS40088AE	4,4'-DDT	50-29-3	18	18	ug/Kg	U	V
43893	0	2	IN	SS40010AE	4,4'-DDT	50-29-3	19	19	ug/Kg	U	V
43993	0	2	IN	SS40091AE	4,4'-DDT	50-29-3	18	18	ug/Kg	U	V
44093	0	2	IN	SS40090AE	4,4'-DDT	50-29-3	19	19	ug/Kg	U	V
44393	0	2	IN	SS40005AE	4,4'-DDT	50-29-3	18	18	ug/Kg	U	V
44893	0	2	IN	SS40070AE	4,4'-DDT	50-29-3	21	21	ug/Kg	U	V
45693	0	2	IN	SS40094AE	4,4'-DDT	50-29-3	23	23	ug/Kg	U	V
45793	0	2	IN	SS40015AE	4,4'-DDT	50-29-3	24	24	ug/Kg	U	V
46193	0	2	IN	SS40096AE	4,4'-DDT	50-29-3	20	20	ug/Kg	U	V
46693	4	6	IN	SS40141AE	4,4'-DDT	50-29-3	16	17	ug/Kg	U	V
46793	4	6	IN	SS40142AE	4,4'-DDT	50-29-3	16	18	ug/Kg	U	V
46893	4	6	IN	SS40143AE	4,4'-DDT	50-29-3	16	18	ug/Kg	U	V
47093	0	1	IN	SS40145AE	4,4'-DDT	50-29-3	16	18	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	4,4'-DDT	50-29-3	22	22	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	4,4'-DDT	50-29-3	17	17	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	4,4'-DDT	50-29-3	16	16	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	4,4'-DDT	50-29-3	17	17	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	4,4'-DDT	50-29-3	18	18	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	4,4'-DDT	50-29-3	22	22	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	4,4'-DDT	50-29-3	23	23	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	4,4'-DDT	50-29-3	17	17	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	4,4'-DDT	50-29-3	23	23	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	4,4'-DDT	50-29-3	21	21	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	4,4'-DDT	50-29-3	17	17	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	4,4'-DDT	50-29-3	18	18	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	4,4'-DDT	50-29-3	18	18	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	4,4'-DDT	50-29-3	21	21	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	4,4'-DDT	50-29-3	18	18	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	4,4'-DDT	50-29-3	17	17	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	4,4'-DDT	50-29-3	16	16	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	4,4'-DDT	50-29-3	34	34	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	4,4'-DDT	50-29-3	22	22	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	4,4'-DDT	50-29-3	21	21	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	4,4'-DDT	50-29-3	30	30	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	4,4'-DDT	50-29-3	20	20	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	4,4'-DDT	50-29-3	19	19	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	4,4'-DDT	50-29-3	19	19	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	4,4'-DDT	50-29-3	16	18	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	4,4'-DDT	50-29-3	16	20	ug/Kg	U	V
05093	0	2	IN	SS00002AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	V
05393	0	2	IN	SS00005AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2400	2400	ug/Kg	U	V
40293	0	2	IN	SS40042AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2200	2200	ug/Kg	U	V
40393	0	2	IN	SS40053AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2200	2200	ug/Kg	U	V
40693	0	2	IN	SS40057AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	3000	3000	ug/Kg	U	V
40793	0	2	IN	SS40058AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2900	2900	ug/Kg	U	V
40893	0	2	IN	SS40004AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1900	ug/Kg	U	V
40993	0	2	IN	SS40072AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2000	2000	ug/Kg	U	V
41193	0	2	IN	SS40007AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2500	2500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	3700	3700	ug/Kg	U	V
41593	4	6	IN	SS40073AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
41693	0	2	IN	SS40410AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2200	2200	ug/Kg	U	V
41793	0	2	IN	SS40077AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	
41993	0	2	IN	SS40009AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2000	2000	ug/Kg	U	
42093	0	2	IN	SS40480AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1700	1700	ug/Kg	U	V
42193	4	6	IN	SS40012AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1700	1700	ug/Kg	U	V

222

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42293	0	2	IN	SS40078AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	J
42393	0	2	IN	SS40079AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
42593	4	6	IN	SS40082AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
42693	0	2	IN	SS40080AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2600	2600	ug/Kg	U	J
42993	0	2	IN	SS40056AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
43193	0	2	IN	SS40084AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	
43393	4	6	IN	SS40087AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
43493	0	2	IN	SS40086AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	J
43693	4	6	IN	SS40089AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
43793	0	2	IN	SS40088AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	V
43893	0	2	IN	SS40010AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2000	2000	ug/Kg	U	V
43993	0	2	IN	SS40091AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	V
44093	0	2	IN	SS40090AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2000	2000	ug/Kg	U	
44393	0	2	IN	SS40005AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	V
44893	0	2	IN	SS40070AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2200	2200	ug/Kg	U	V
45693	0	2	IN	SS40094AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2400	2400	ug/Kg	U	V
45793	0	2	IN	SS40015AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2500	2500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2100	2100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1800	ug/Kg	U	V
46793	4	6	IN	SS40142AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1800	ug/Kg	U	V
46893	4	6	IN	SS40143AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1800	ug/Kg	U	V
47093	0	1	IN	SS40145AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1800	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2300	2300	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1700	1700	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1700	1700	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2300	2300	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2400	2400	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2400	2400	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2200	2200	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2200	2200	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1700	1700	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	3500	3500	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2300	2300	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2200	2200	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	3100	3100	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2100	2100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2000	2000	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1700	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1700	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1800	ug/Kg	U	V
05093	0	2	IN	SS00002AE	4-CHLORO-3-METHYLPHENOL	59-50-7	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	4-CHLORO-3-METHYLPHENOL	59-50-7	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	4-CHLORO-3-METHYLPHENOL	59-50-7	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	4-CHLORO-3-METHYLPHENOL	59-50-7	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	4-CHLORO-3-METHYLPHENOL	59-50-7	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	4-CHLORO-3-METHYLPHENOL	59-50-7	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	4-CHLORO-3-METHYLPHENOL	59-50-7	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	4-CHLORO-3-METHYLPHENOL	59-50-7	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	4-CHLORO-3-METHYLPHENOL	59-50-7	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	4-CHLORO-3-METHYLPHENOL	59-50-7	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	4-CHLORO-3-METHYLPHENOL	59-50-7	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	4-CHLORO-3-METHYLPHENOL	59-50-7	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	4-CHLORO-3-METHYLPHENOL	59-50-7	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	4-CHLORO-3-METHYLPHENOL	59-50-7	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	4-CHLORO-3-METHYLPHENOL	59-50-7	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	4-CHLORO-3-METHYLPHENOL	59-50-7	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	4-CHLORO-3-METHYLPHENOL	59-50-7	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	4-CHLORO-3-METHYLPHENOL	59-50-7	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	4-CHLORO-3-METHYLPHENOL	59-50-7	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	4-CHLORO-3-METHYLPHENOL	59-50-7	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	4-CHLORO-3-METHYLPHENOL	59-50-7	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	4-CHLORO-3-METHYLPHENOL	59-50-7	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	4-CHLORO-3-METHYLPHENOL	59-50-7	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	4-CHLORO-3-METHYLPHENOL	59-50-7	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	4-CHLORO-3-METHYLPHENOL	59-50-7	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	4-CHLORO-3-METHYLPHENOL	59-50-7	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	4-CHLORO-3-METHYLPHENOL	59-50-7	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	4-CHLORO-3-METHYLPHENOL	59-50-7	400	400	ug/Kg	U	V

223

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43993	0	2	IN	SS40091AE	4-CHLORO-3-METHYLPHENOL	59-50-7	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	4-CHLORO-3-METHYLPHENOL	59-50-7	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	4-CHLORO-3-METHYLPHENOL	59-50-7	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	4-CHLORO-3-METHYLPHENOL	59-50-7	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	4-CHLORO-3-METHYLPHENOL	59-50-7	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	4-CHLORO-3-METHYLPHENOL	59-50-7	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	4-CHLORO-3-METHYLPHENOL	59-50-7	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	4-CHLORO-3-METHYLPHENOL	59-50-7	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	4-CHLORO-3-METHYLPHENOL	59-50-7	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	4-CHLORO-3-METHYLPHENOL	59-50-7	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	4-CHLORO-3-METHYLPHENOL	59-50-7	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	4-CHLORO-3-METHYLPHENOL	59-50-7	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	4-CHLORO-3-METHYLPHENOL	59-50-7	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	4-CHLORO-3-METHYLPHENOL	59-50-7	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	4-CHLORO-3-METHYLPHENOL	59-50-7	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	4-CHLORO-3-METHYLPHENOL	59-50-7	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	4-CHLORO-3-METHYLPHENOL	59-50-7	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	4-CHLORO-3-METHYLPHENOL	59-50-7	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	4-CHLORO-3-METHYLPHENOL	59-50-7	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	4-CHLORO-3-METHYLPHENOL	59-50-7	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	4-CHLORO-3-METHYLPHENOL	59-50-7	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	4-CHLORO-3-METHYLPHENOL	59-50-7	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	4-CHLORO-3-METHYLPHENOL	59-50-7	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	4-CHLORO-3-METHYLPHENOL	59-50-7	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	4-CHLORO-3-METHYLPHENOL	59-50-7	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	4-CHLORO-3-METHYLPHENOL	59-50-7	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	4-CHLORO-3-METHYLPHENOL	59-50-7	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	4-CHLORO-3-METHYLPHENOL	59-50-7	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	4-CHLORO-3-METHYLPHENOL	59-50-7	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	4-CHLORO-3-METHYLPHENOL	59-50-7	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	4-CHLORO-3-METHYLPHENOL	59-50-7	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	4-CHLOROANILINE	106-47-8	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	4-CHLOROANILINE	106-47-8	380	380	ug/Kg	U	V
05893	0	2	IN	SS00005AE	4-CHLOROANILINE	106-47-8	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	4-CHLOROANILINE	106-47-8	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	4-CHLOROANILINE	106-47-8	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	4-CHLOROANILINE	106-47-8	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	4-CHLOROANILINE	106-47-8	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	4-CHLOROANILINE	106-47-8	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	4-CHLOROANILINE	106-47-8	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	4-CHLOROANILINE	106-47-8	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	4-CHLOROANILINE	106-47-8	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	4-CHLOROANILINE	106-47-8	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	4-CHLOROANILINE	106-47-8	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	4-CHLOROANILINE	106-47-8	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	4-CHLOROANILINE	106-47-8	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	4-CHLOROANILINE	106-47-8	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	4-CHLOROANILINE	106-47-8	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	4-CHLOROANILINE	106-47-8	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	4-CHLOROANILINE	106-47-8	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	4-CHLOROANILINE	106-47-8	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	4-CHLOROANILINE	106-47-8	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	4-CHLOROANILINE	106-47-8	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	4-CHLOROANILINE	106-47-8	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	4-CHLOROANILINE	106-47-8	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	4-CHLOROANILINE	106-47-8	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	4-CHLOROANILINE	106-47-8	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	4-CHLOROANILINE	106-47-8	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	4-CHLOROANILINE	106-47-8	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	4-CHLOROANILINE	106-47-8	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	4-CHLOROANILINE	106-47-8	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	4-CHLOROANILINE	106-47-8	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	4-CHLOROANILINE	106-47-8	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	4-CHLOROANILINE	106-47-8	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	4-CHLOROANILINE	106-47-8	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	4-CHLOROANILINE	106-47-8	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	4-CHLOROANILINE	106-47-8	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	4-CHLOROANILINE	106-47-8	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	4-CHLOROANILINE	106-47-8	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	4-CHLOROANILINE	106-47-8	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	4-CHLOROANILINE	106-47-8	330	370	ug/Kg	U	V

224

Table A-2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS400293	0	2	IN	SS40018AE	4-CHLOROANILINE	106-47-8	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	4-CHLOROANILINE	106-47-8	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	4-CHLOROANILINE	106-47-8	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	4-CHLOROANILINE	106-47-8	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	4-CHLOROANILINE	106-47-8	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	4-CHLOROANILINE	106-47-8	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	4-CHLOROANILINE	106-47-8	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	4-CHLOROANILINE	106-47-8	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	4-CHLOROANILINE	106-47-8	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	4-CHLOROANILINE	106-47-8	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	4-CHLOROANILINE	106-47-8	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	4-CHLOROANILINE	106-47-8	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	4-CHLOROANILINE	106-47-8	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	4-CHLOROANILINE	106-47-8	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	4-CHLOROANILINE	106-47-8	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	4-CHLOROANILINE	106-47-8	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	4-CHLOROANILINE	106-47-8	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	4-CHLOROANILINE	106-47-8	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	4-CHLOROANILINE	106-47-8	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	4-CHLOROANILINE	106-47-8	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	4-CHLOROANILINE	106-47-8	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	4-CHLOROANILINE	106-47-8	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	4-CHLOROANILINE	106-47-8	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	4-CHLOROANILINE	106-47-8	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	4-CHLOROANILINE	106-47-8	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	4-CHLOROANILINE	106-47-8	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	4-CHLOROANILINE	106-47-8	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	360	360	ug/Kg	U	V

225

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS401893	0	2	IN	SS40034AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	380	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
05093	0	2	IN	SS00002AE	4-METHYLPHENOL	106-44-5	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	4-METHYLPHENOL	106-44-5	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	4-METHYLPHENOL	106-44-5	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	4-METHYLPHENOL	106-44-5	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	4-METHYLPHENOL	106-44-5	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	4-METHYLPHENOL	106-44-5	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	4-METHYLPHENOL	106-44-5	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	4-METHYLPHENOL	106-44-5	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	4-METHYLPHENOL	106-44-5	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	4-METHYLPHENOL	106-44-5	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	4-METHYLPHENOL	106-44-5	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	4-METHYLPHENOL	106-44-5	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	4-METHYLPHENOL	106-44-5	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	4-METHYLPHENOL	106-44-5	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	4-METHYLPHENOL	106-44-5	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	4-METHYLPHENOL	106-44-5	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	4-METHYLPHENOL	106-44-5	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	4-METHYLPHENOL	106-44-5	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	4-METHYLPHENOL	106-44-5	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	4-METHYLPHENOL	106-44-5	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	4-METHYLPHENOL	106-44-5	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	4-METHYLPHENOL	106-44-5	520	270	ug/Kg	J	A
42993	0	2	IN	SS40056AE	4-METHYLPHENOL	106-44-5	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	4-METHYLPHENOL	106-44-5	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	4-METHYLPHENOL	106-44-5	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	4-METHYLPHENOL	106-44-5	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	4-METHYLPHENOL	106-44-5	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	4-METHYLPHENOL	106-44-5	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	4-METHYLPHENOL	106-44-5	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	4-METHYLPHENOL	106-44-5	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	4-METHYLPHENOL	106-44-5	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	4-METHYLPHENOL	106-44-5	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	4-METHYLPHENOL	106-44-5	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	4-METHYLPHENOL	106-44-5	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	4-METHYLPHENOL	106-44-5	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	4-METHYLPHENOL	106-44-5	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	4-METHYLPHENOL	106-44-5	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	4-METHYLPHENOL	106-44-5	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	4-METHYLPHENOL	106-44-5	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	4-METHYLPHENOL	106-44-5	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	4-METHYLPHENOL	106-44-5	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	4-METHYLPHENOL	106-44-5	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	4-METHYLPHENOL	106-44-5	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	4-METHYLPHENOL	106-44-5	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	4-METHYLPHENOL	106-44-5	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	4-METHYLPHENOL	106-44-5	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	4-METHYLPHENOL	106-44-5	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	4-METHYLPHENOL	106-44-5	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	4-METHYLPHENOL	106-44-5	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	4-METHYLPHENOL	106-44-5	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	4-METHYLPHENOL	106-44-5	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	4-METHYLPHENOL	106-44-5	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	4-METHYLPHENOL	106-44-5	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	4-METHYLPHENOL	106-44-5	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	4-METHYLPHENOL	106-44-5	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	4-METHYLPHENOL	106-44-5	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	4-METHYLPHENOL	106-44-5	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	4-METHYLPHENOL	106-44-5	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	4-METHYLPHENOL	106-44-5	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	4-METHYLPHENOL	106-44-5	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	4-METHYLPHENOL	106-44-5	630	630	ug/Kg	U	V

226

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS403493	0	2	IN	SS40050AE	4-METHYLPHENOL	106-44-5	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	4-METHYLPHENOL	106-44-5	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	4-METHYLPHENOL	106-44-5	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	4-METHYLPHENOL	106-44-5	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	4-METHYLPHENOL	106-44-5	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	4-METHYLPHENOL	106-44-5	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	V
05393	0	2	IN	SS00005AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	4-NITROANILINE	100-01-6	2400	2400	ug/Kg	U	V
40293	0	2	IN	SS40042AE	4-NITROANILINE	100-01-6	2200	2200	ug/Kg	U	V
40393	0	2	IN	SS40053AE	4-NITROANILINE	100-01-6	2200	2200	ug/Kg	U	V
40693	0	2	IN	SS40057AE	4-NITROANILINE	100-01-6	3000	3000	ug/Kg	U	V
40793	0	2	IN	SS40058AE	4-NITROANILINE	100-01-6	2900	2900	ug/Kg	U	V
40893	0	2	IN	SS40004AE	4-NITROANILINE	100-01-6	1600	1900	ug/Kg	U	V
40993	0	2	IN	SS40072AE	4-NITROANILINE	100-01-6	2000	2000	ug/Kg	U	V
41193	0	2	IN	SS40007AE	4-NITROANILINE	100-01-6	2500	2500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	4-NITROANILINE	100-01-6	3700	3700	ug/Kg	U	V
41593	4	6	IN	SS40073AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
41693	0	2	IN	SS40410AE	4-NITROANILINE	100-01-6	2200	2200	ug/Kg	U	V
41793	0	2	IN	SS40077AE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	
41993	0	2	IN	SS40009AE	4-NITROANILINE	100-01-6	2000	2000	ug/Kg	U	
42093	0	2	IN	SS40480AE	4-NITROANILINE	100-01-6	1700	1700	ug/Kg	U	V
42193	4	6	IN	SS40012AE	4-NITROANILINE	100-01-6	1700	1700	ug/Kg	U	V
42293	0	2	IN	SS40078AE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	J
42393	0	2	IN	SS40079AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
42593	4	6	IN	SS40082AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
42693	0	2	IN	SS40080AE	4-NITROANILINE	100-01-6	2600	2600	ug/Kg	U	J
42993	0	2	IN	SS40056AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
43193	0	2	IN	SS40084AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	
43393	4	6	IN	SS40087AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
43493	0	2	IN	SS40086AE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	J
43693	4	6	IN	SS40089AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
43793	0	2	IN	SS40088AE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	V
43893	0	2	IN	SS40010AE	4-NITROANILINE	100-01-6	2000	2000	ug/Kg	U	V
43993	0	2	IN	SS40091AE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	V
44093	0	2	IN	SS40090AE	4-NITROANILINE	100-01-6	2000	2000	ug/Kg	U	
44393	0	2	IN	SS40005AE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	V
44893	0	2	IN	SS40070AE	4-NITROANILINE	100-01-6	2200	2200	ug/Kg	U	V
45693	0	2	IN	SS40094AE	4-NITROANILINE	100-01-6	2400	2400	ug/Kg	U	V
45793	0	2	IN	SS40015AE	4-NITROANILINE	100-01-6	2500	2500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	4-NITROANILINE	100-01-6	2100	2100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	4-NITROANILINE	100-01-6	1600	1800	ug/Kg	U	V
46793	4	6	IN	SS40142AE	4-NITROANILINE	100-01-6	1600	1800	ug/Kg	U	V
46893	4	6	IN	SS40143AE	4-NITROANILINE	100-01-6	1600	1800	ug/Kg	U	V
47093	0	1	IN	SS40145AE	4-NITROANILINE	100-01-6	1600	1800	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	4-NITROANILINE	100-01-6	2300	2300	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	4-NITROANILINE	100-01-6	1700	1700	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	4-NITROANILINE	100-01-6	1700	1700	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	4-NITROANILINE	100-01-6	2300	2300	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	4-NITROANILINE	100-01-6	2400	2400	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	4-NITROANILINE	100-01-6	2400	2400	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	4-NITROANILINE	100-01-6	2200	2200	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	4-NITROANILINE	100-01-6	2200	2200	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	4-NITROANILINE	100-01-6	1700	1700	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	4-NITROANILINE	100-01-6	3500	3500	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	4-NITROANILINE	100-01-6	2300	2300	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	4-NITROANILINE	100-01-6	2200	2200	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	4-NITROANILINE	100-01-6	3100	3100	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	4-NITROANILINE	100-01-6	2100	2100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	4-NITROANILINE	100-01-6	2000	2000	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	4-NITROANILINE	100-01-6	1600	1700	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	4-NITROANILINE	100-01-6	1600	1700	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	4-NITROANILINE	100-01-6	1600	1800	ug/Kg	U	V
05093	0	2	IN	SS00002AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	V
05393	0	2	IN	SS00005AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	4-NITROPHENOL	100-02-7	2400	2400	ug/Kg	U	V
40293	0	2	IN	SS40042AE	4-NITROPHENOL	100-02-7	2200	2200	ug/Kg	U	V

227

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40393	0	2	IN	SS40053AE	4-NITROPHENOL	100-02-7	2200	2200	ug/Kg	U	V
40693	0	2	IN	SS40057AE	4-NITROPHENOL	100-02-7	3000	3000	ug/Kg	U	V
40793	0	2	IN	SS40058AE	4-NITROPHENOL	100-02-7	2900	2900	ug/Kg	U	V
40893	0	2	IN	SS40004AE	4-NITROPHENOL	100-02-7	1600	1900	ug/Kg	U	V
40993	0	2	IN	SS40072AE	4-NITROPHENOL	100-02-7	2000	2000	ug/Kg	U	V
41193	0	2	IN	SS40007AE	4-NITROPHENOL	100-02-7	2500	2500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	4-NITROPHENOL	100-02-7	3700	3700	ug/Kg	U	V
41593	4	6	IN	SS40073AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
41693	0	2	IN	SS40410AE	4-NITROPHENOL	100-02-7	2200	2200	ug/Kg	U	V
41793	0	2	IN	SS40077AE	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	
41993	0	2	IN	SS40009AE	4-NITROPHENOL	100-02-7	2000	2000	ug/Kg	U	
42093	0	2	IN	SS40480AE	4-NITROPHENOL	100-02-7	1700	1700	ug/Kg	U	V
42193	4	6	IN	SS40012AE	4-NITROPHENOL	100-02-7	1700	1700	ug/Kg	U	V
42293	0	2	IN	SS40078AE	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	J
42393	0	2	IN	SS40079AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
42593	4	6	IN	SS40082AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
42693	0	2	IN	SS40080AE	4-NITROPHENOL	100-02-7	2600	2600	ug/Kg	U	J
42993	0	2	IN	SS40056AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
43193	0	2	IN	SS40084AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	
43393	4	6	IN	SS40087AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
43493	0	2	IN	SS40086AE	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	J
43693	4	6	IN	SS40089AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
43793	0	2	IN	SS40088AE	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	V
44093	0	2	IN	SS40090AE	4-NITROPHENOL	100-02-7	2000	2000	ug/Kg	U	
44393	0	2	IN	SS40005AE	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	V
44893	0	2	IN	SS40070AE	4-NITROPHENOL	100-02-7	2200	2200	ug/Kg	U	V
45693	0	2	IN	SS40094AE	4-NITROPHENOL	100-02-7	2400	2400	ug/Kg	U	V
45793	0	2	IN	SS40015AE	4-NITROPHENOL	100-02-7	2500	53	ug/Kg	J	A
46193	0	2	IN	SS40096AE	4-NITROPHENOL	100-02-7	2100	2100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	4-NITROPHENOL	100-02-7	1600	1800	ug/Kg	U	V
46793	4	6	IN	SS40142AE	4-NITROPHENOL	100-02-7	1600	1800	ug/Kg	U	V
46893	4	6	IN	SS40143AE	4-NITROPHENOL	100-02-7	1600	1800	ug/Kg	U	V
47093-	0	1	IN	SS40145AE	4-NITROPHENOL	100-02-7	1600	1800	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	4-NITROPHENOL	100-02-7	2300	2300	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	4-NITROPHENOL	100-02-7	1700	1700	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	4-NITROPHENOL	100-02-7	1700	1700	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	4-NITROPHENOL	100-02-7	2300	2300	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	4-NITROPHENOL	100-02-7	2400	2400	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	4-NITROPHENOL	100-02-7	2400	2400	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	4-NITROPHENOL	100-02-7	2200	2200	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	4-NITROPHENOL	100-02-7	2200	2200	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	4-NITROPHENOL	100-02-7	1700	1700	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	4-NITROPHENOL	100-02-7	3500	3500	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	4-NITROPHENOL	100-02-7	2300	2300	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	4-NITROPHENOL	100-02-7	2200	2200	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	4-NITROPHENOL	100-02-7	3100	3100	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	4-NITROPHENOL	100-02-7	2100	2100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	4-NITROPHENOL	100-02-7	2000	2000	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	4-NITROPHENOL	100-02-7	1600	1700	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	4-NITROPHENOL	100-02-7	1600	1800	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	9,10-ANTHRAQUINONE	84-65-1		210	ug/Kg	J	Z
SS403093	0	2	IN	SS40046AE	9-HEXADECENOIC ACID	2091-29-4		2000	ug/Kg	J	Z
05093	0	2	IN	SS00002AE	ACENAPHTHYLENE	208-96-8	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	ACENAPHTHYLENE	208-96-8	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	ACENAPHTHYLENE	208-96-8	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	ACENAPHTHYLENE	208-96-8	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	ACENAPHTHYLENE	208-96-8	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	ACENAPHTHYLENE	208-96-8	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	ACENAPHTHYLENE	208-96-8	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	ACENAPHTHYLENE	208-96-8	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	ACENAPHTHYLENE	208-96-8	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	ACENAPHTHYLENE	208-96-8	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	ACENAPHTHYLENE	208-96-8	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	ACENAPHTHYLENE	208-96-8	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	ACENAPHTHYLENE	208-96-8	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	ACENAPHTHYLENE	208-96-8	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	ACENAPHTHYLENE	208-96-8	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	ACENAPHTHYLENE	208-96-8	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	ACENAPHTHYLENE	208-96-8	350	350	ug/Kg	U	V

228

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42193	4	6	IN	SS40012AE	ACENAPHTHYLENE	208-96-8	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	ACENAPHTHYLENE	208-96-8	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	ACENAPHTHYLENE	208-96-8	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	ACENAPHTHYLENE	208-96-8	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	ACENAPHTHYLENE	208-96-8	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	ACENAPHTHYLENE	208-96-8	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	ACENAPHTHYLENE	208-96-8	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	ACENAPHTHYLENE	208-96-8	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	ACENAPHTHYLENE	208-96-8	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	ACENAPHTHYLENE	208-96-8	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	ACENAPHTHYLENE	208-96-8	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	ACENAPHTHYLENE	208-96-8	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	ACENAPHTHYLENE	208-96-8	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	ACENAPHTHYLENE	208-96-8	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	ACENAPHTHYLENE	208-96-8	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	ACENAPHTHYLENE	208-96-8	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	ACENAPHTHYLENE	208-96-8	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	ACENAPHTHYLENE	208-96-8	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	ACENAPHTHYLENE	208-96-8	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	ACENAPHTHYLENE	208-96-8	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	ACENAPHTHYLENE	208-96-8	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	ACENAPHTHYLENE	208-96-8	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	ACENAPHTHYLENE	208-96-8	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	ACENAPHTHYLENE	208-96-8	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	ACENAPHTHYLENE	208-96-8	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	ACENAPHTHYLENE	208-96-8	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	ACENAPHTHYLENE	208-96-8	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	ACENAPHTHYLENE	208-96-8	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	ACENAPHTHYLENE	208-96-8	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	ACENAPHTHYLENE	208-96-8	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	ACENAPHTHYLENE	208-96-8	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	ACENAPHTHYLENE	208-96-8	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	ACENAPHTHYLENE	208-96-8	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	ACENAPHTHYLENE	208-96-8	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	ACENAPHTHYLENE	208-96-8	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	ACENAPHTHYLENE	208-96-8	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	ACENAPHTHYLENE	208-96-8	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	ACENAPHTHYLENE	208-96-8	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	ACENAPHTHYLENE	208-96-8	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	ACENAPHTHYLENE	208-96-8	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	ACENAPHTHYLENE	208-96-8	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	ACENAPHTHYLENE	208-96-8	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	ACENAPHTHYLENE	208-96-8	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	ACENAPHTHYLENE	208-96-8	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	ACENAPHTHYLENE	208-96-8	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	ACENAPHTHYLENE	208-96-8	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	ACENAPHTHYLENE	208-96-8	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	ACENAPHTHYLENE	208-96-8	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	ACENAPHTHYLENE	208-96-8	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	ACENAPHTHYLENE	208-96-8	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	ACENAPTHENE	83-32-9	360	65	ug/Kg	J	Z
05193	0	2	IN	SS00003AE	ACENAPTHENE	83-32-9	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	ACENAPTHENE	83-32-9	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	ACENAPTHENE	83-32-9	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	ACENAPTHENE	83-32-9	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	ACENAPTHENE	83-32-9	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	ACENAPTHENE	83-32-9	600	140	ug/Kg	J	A
40793	0	2	IN	SS40058AE	ACENAPTHENE	83-32-9	590	170	ug/Kg	J	A
40893	0	2	IN	SS40004AE	ACENAPTHENE	83-32-9	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	ACENAPTHENE	83-32-9	390	79	ug/Kg	J	A
41193	0	2	IN	SS40007AE	ACENAPTHENE	83-32-9	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	ACENAPTHENE	83-32-9	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	ACENAPTHENE	83-32-9	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	ACENAPTHENE	83-32-9	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	ACENAPTHENE	83-32-9	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	ACENAPTHENE	83-32-9	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	ACENAPTHENE	83-32-9	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	ACENAPTHENE	83-32-9	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	ACENAPTHENE	83-32-9	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	ACENAPTHENE	83-32-9	360	41	ug/Kg	J	A
42593	4	6	IN	SS40082AE	ACENAPTHENE	83-32-9	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	ACENAPTHENE	83-32-9	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	ACENAPTHENE	83-32-9	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	ACENAPTHENE	83-32-9	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	ACENAPTHENE	83-32-9	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	ACENAPTHENE	83-32-9	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	ACENAPTHENE	83-32-9	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	ACENAPTHENE	83-32-9	380	380	ug/Kg	U	V

229

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS400693	0	2	IN	SS40022AE	ALDRIN	309-00-2	8.7	8.7	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	ALDRIN	309-00-2	9.1	9.1	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	ALDRIN	309-00-2	11	11	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	ALDRIN	309-00-2	12	12	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	ALDRIN	309-00-2	8.7	8.7	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	ALDRIN	309-00-2	11	11	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	ALDRIN	309-00-2	10	10	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	ALDRIN	309-00-2	8.5	8.5	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	ALDRIN	309-00-2	9	9	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	ALDRIN	309-00-2	9.2	9.2	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	ALDRIN	309-00-2	11	11	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	ALDRIN	309-00-2	8.8	8.8	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	ALDRIN	309-00-2	8.5	8.5	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	ALDRIN	309-00-2	8.2	8.2	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	ALDRIN	309-00-2	17	17	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	ALDRIN	309-00-2	11	11	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	ALDRIN	309-00-2	11	11	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	ALDRIN	309-00-2	15	15	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	ALDRIN	309-00-2	10	10	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	ALDRIN	309-00-2	9.4	9.4	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	ALDRIN	309-00-2	9.4	9.4	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	ALDRIN	309-00-2	8	9	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	ALDRIN	309-00-2	8	10	ug/Kg	U	V
05193	0	2	IN	SS00003AE	ALPHA-BHC	319-84-6	9	9	ug/Kg	U	V
05393	0	2	IN	SS00005AE	ALPHA-BHC	319-84-6	8.7	8.7	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	ALPHA-BHC	319-84-6	11	11	ug/Kg	U	V
40293	0	2	IN	SS40042AE	ALPHA-BHC	319-84-6	11	11	ug/Kg	U	V
40393	0	2	IN	SS40053AE	ALPHA-BHC	319-84-6	11	11	ug/Kg	U	V
40693	0	2	IN	SS40057AE	ALPHA-BHC	319-84-6	14	14	ug/Kg	U	V
40793	0	2	IN	SS40058AE	ALPHA-BHC	319-84-6	14	14	ug/Kg	U	V
40893	0	2	IN	SS40004AE	ALPHA-BHC	319-84-6	8	9.6	ug/Kg	U	V
40993	0	2	IN	SS40072AE	ALPHA-BHC	319-84-6	9.4	9.4	ug/Kg	U	V
41193	0	2	IN	SS40007AE	ALPHA-BHC	319-84-6	12	12	ug/Kg	U	V
41293	0	2	IN	SS40071AE	ALPHA-BHC	319-84-6	18	18	ug/Kg	U	V
41593	4	6	IN	SS40073AE	ALPHA-BHC	319-84-6	8.4	8.4	ug/Kg	U	V
41693	0	2	IN	SS40410AE	ALPHA-BHC	319-84-6	11	11	ug/Kg	U	V
41793	0	2	IN	SS40077AE	ALPHA-BHC	319-84-6	9.3	9.3	ug/Kg	U	V
41993	0	2	IN	SS40009AE	ALPHA-BHC	319-84-6	9.5	9.5	ug/Kg	U	V
42093	0	2	IN	SS40480AE	ALPHA-BHC	319-84-6	8.3	8.3	ug/Kg	U	V
42193	4	6	IN	SS40012AE	ALPHA-BHC	319-84-6	8.3	8.3	ug/Kg	U	J
42393	0	2	IN	SS40079AE	ALPHA-BHC	319-84-6	8.6	8.6	ug/Kg	U	V
42693	0	2	IN	SS40080AE	ALPHA-BHC	319-84-6	13	13	ug/Kg	U	V
42993	0	2	IN	SS40056AE	ALPHA-BHC	319-84-6	8.9	8.9	ug/Kg	U	V
43393	4	6	IN	SS40087AE	ALPHA-BHC	319-84-6	8.4	8.4	ug/Kg	U	V
43693	4	6	IN	SS40089AE	ALPHA-BHC	319-84-6	8.4	8.4	ug/Kg	U	V
43793	0	2	IN	SS40088AE	ALPHA-BHC	319-84-6	9.1	9.1	ug/Kg	U	V
43893	0	2	IN	SS40010AE	ALPHA-BHC	319-84-6	9.6	9.6	ug/Kg	U	V
43993	0	2	IN	SS40091AE	ALPHA-BHC	319-84-6	9.2	9.2	ug/Kg	U	V
44093	0	2	IN	SS40090AE	ALPHA-BHC	319-84-6	9.6	9.6	ug/Kg	U	V
44393	0	2	IN	SS40005AE	ALPHA-BHC	319-84-6	9	9	ug/Kg	U	V
44893	0	2	IN	SS40070AE	ALPHA-BHC	319-84-6	10	10	ug/Kg	U	V
45693	0	2	IN	SS40094AE	ALPHA-BHC	319-84-6	11	11	ug/Kg	U	V
45793	0	2	IN	SS40015AE	ALPHA-BHC	319-84-6	12	12	ug/Kg	U	V
46193	0	2	IN	SS40096AE	ALPHA-BHC	319-84-6	10	10	ug/Kg	U	V
46693	4	6	IN	SS40141AE	ALPHA-BHC	319-84-6	8	8.7	ug/Kg	U	V
46793	4	6	IN	SS40142AE	ALPHA-BHC	319-84-6	8	8.9	ug/Kg	U	V
46893	4	6	IN	SS40143AE	ALPHA-BHC	319-84-6	8	8.9	ug/Kg	U	V
47093	0	1	IN	SS40145AE	ALPHA-BHC	319-84-6	8	9.1	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	ALPHA-BHC	319-84-6	11	11	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	ALPHA-BHC	319-84-6	8.3	8.3	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	ALPHA-BHC	319-84-6	8.2	8.2	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	ALPHA-BHC	319-84-6	8.7	8.7	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	ALPHA-BHC	319-84-6	9.1	9.1	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	ALPHA-BHC	319-84-6	11	11	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	ALPHA-BHC	319-84-6	12	12	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	ALPHA-BHC	319-84-6	8.7	8.7	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	ALPHA-BHC	319-84-6	11	11	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	ALPHA-BHC	319-84-6	10	10	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	ALPHA-BHC	319-84-6	8.5	8.5	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	ALPHA-BHC	319-84-6	9	9	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	ALPHA-BHC	319-84-6	9.2	9.2	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	ALPHA-BHC	319-84-6	11	11	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	ALPHA-BHC	319-84-6	8.8	8.8	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	ALPHA-BHC	319-84-6	8.5	8.5	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	ALPHA-BHC	319-84-6	8.2	8.2	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	ALPHA-BHC	319-84-6	17	17	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	ALPHA-BHC	319-84-6	11	11	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	ALPHA-BHC	319-84-6	11	11	ug/Kg	U	V

230

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS403393	0	2	IN	SS40049AE	ALPHA-BHC	319-84-6	15	15	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	ALPHA-BHC	319-84-6	10	10	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	ALPHA-BHC	319-84-6	9.4	9.4	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	ALPHA-BHC	319-84-6	9.4	9.4	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	ALPHA-BHC	319-84-6	8	9	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	ALPHA-BHC	319-84-6	8	10	ug/Kg	U	V
05193	0	2	IN	SS00003AE	ALPHA-CHLORDANE	5103-71-9	90	90	ug/Kg	U	V
05393	0	2	IN	SS00005AE	ALPHA-CHLORDANE	5103-71-9	87	87	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	ALPHA-CHLORDANE	5103-71-9	110	110	ug/Kg	U	V
40293	0	2	IN	SS40042AE	ALPHA-CHLORDANE	5103-71-9	110	110	ug/Kg	U	V
40393	0	2	IN	SS40053AE	ALPHA-CHLORDANE	5103-71-9	110	110	ug/Kg	U	V
40693	0	2	IN	SS40057AE	ALPHA-CHLORDANE	5103-71-9	140	140	ug/Kg	U	V
40793	0	2	IN	SS40058AE	ALPHA-CHLORDANE	5103-71-9	140	140	ug/Kg	U	V
40893	0	2	IN	SS40004AE	ALPHA-CHLORDANE	5103-71-9	80	96	ug/Kg	U	V
40993	0	2	IN	SS40072AE	ALPHA-CHLORDANE	5103-71-9	94	94	ug/Kg	U	V
41193	0	2	IN	SS40007AE	ALPHA-CHLORDANE	5103-71-9	120	120	ug/Kg	U	V
41293	0	2	IN	SS40071AE	ALPHA-CHLORDANE	5103-71-9	180	180	ug/Kg	U	V
41593	4	6	IN	SS40073AE	ALPHA-CHLORDANE	5103-71-9	84	84	ug/Kg	U	V
41693	0	2	IN	SS40410AE	ALPHA-CHLORDANE	5103-71-9	110	110	ug/Kg	U	V
41793	0	2	IN	SS40077AE	ALPHA-CHLORDANE	5103-71-9	93	93	ug/Kg	U	V
41993	0	2	IN	SS40009AE	ALPHA-CHLORDANE	5103-71-9	95	95	ug/Kg	U	V
42093	0	2	IN	SS40480AE	ALPHA-CHLORDANE	5103-71-9	83	83	ug/Kg	U	V
42193	4	6	IN	SS40012AE	ALPHA-CHLORDANE	5103-71-9	83	83	ug/Kg	U	J
42393	0	2	IN	SS40079AE	ALPHA-CHLORDANE	5103-71-9	86	86	ug/Kg	U	V
42693	0	2	IN	SS40080AE	ALPHA-CHLORDANE	5103-71-9	130	130	ug/Kg	U	V
42993	0	2	IN	SS40056AE	ALPHA-CHLORDANE	5103-71-9	89	89	ug/Kg	U	V
43393	4	6	IN	SS40087AE	ALPHA-CHLORDANE	5103-71-9	84	84	ug/Kg	U	V
43693	4	6	IN	SS40089AE	ALPHA-CHLORDANE	5103-71-9	84	84	ug/Kg	U	V
43793	0	2	IN	SS40088AE	ALPHA-CHLORDANE	5103-71-9	91	91	ug/Kg	U	V
43893	0	2	IN	SS40010AE	ALPHA-CHLORDANE	5103-71-9	96	96	ug/Kg	U	V
43993	0	2	IN	SS40091AE	ALPHA-CHLORDANE	5103-71-9	92	92	ug/Kg	U	V
44093	0	2	IN	SS40090AE	ALPHA-CHLORDANE	5103-71-9	96	96	ug/Kg	U	V
44393	0	2	IN	SS40005AE	ALPHA-CHLORDANE	5103-71-9	90	90	ug/Kg	U	V
44893	0	2	IN	SS40070AE	ALPHA-CHLORDANE	5103-71-9	100	100	ug/Kg	U	V
45693	0	2	IN	SS40094AE	ALPHA-CHLORDANE	5103-71-9	110	110	ug/Kg	U	V
45793	0	2	IN	SS40015AE	ALPHA-CHLORDANE	5103-71-9	120	120	ug/Kg	U	V
46193	0	2	IN	SS40096AE	ALPHA-CHLORDANE	5103-71-9	100	100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	ALPHA-CHLORDANE	5103-71-9	80	87	ug/Kg	U	V
46793	4	6	IN	SS40142AE	ALPHA-CHLORDANE	5103-71-9	80	89	ug/Kg	U	V
46893	4	6	IN	SS40143AE	ALPHA-CHLORDANE	5103-71-9	80	89	ug/Kg	U	V
47093	0	1	IN	SS40145AE	ALPHA-CHLORDANE	5103-71-9	80	91	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	ALPHA-CHLORDANE	5103-71-9	110	110	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	ALPHA-CHLORDANE	5103-71-9	83	83	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	ALPHA-CHLORDANE	5103-71-9	82	82	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	ALPHA-CHLORDANE	5103-71-9	87	87	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	ALPHA-CHLORDANE	5103-71-9	91	91	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	ALPHA-CHLORDANE	5103-71-9	110	110	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	ALPHA-CHLORDANE	5103-71-9	120	120	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	ALPHA-CHLORDANE	5103-71-9	87	87	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	ALPHA-CHLORDANE	5103-71-9	110	110	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	ALPHA-CHLORDANE	5103-71-9	100	100	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	ALPHA-CHLORDANE	5103-71-9	85	85	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	ALPHA-CHLORDANE	5103-71-9	90	90	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	ALPHA-CHLORDANE	5103-71-9	92	92	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	ALPHA-CHLORDANE	5103-71-9	110	110	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	ALPHA-CHLORDANE	5103-71-9	88	88	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	ALPHA-CHLORDANE	5103-71-9	85	85	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	ALPHA-CHLORDANE	5103-71-9	82	82	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	ALPHA-CHLORDANE	5103-71-9	170	170	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	ALPHA-CHLORDANE	5103-71-9	110	110	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	ALPHA-CHLORDANE	5103-71-9	110	110	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	ALPHA-CHLORDANE	5103-71-9	150	150	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	ALPHA-CHLORDANE	5103-71-9	100	100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	ALPHA-CHLORDANE	5103-71-9	94	94	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	ALPHA-CHLORDANE	5103-71-9	94	94	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	ALPHA-CHLORDANE	5103-71-9	80	90	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	ALPHA-CHLORDANE	5103-71-9	80	100	ug/Kg	U	V
05093	0	2	IN	SS00002AE	ANTHRACENE	120-12-7	360	71	ug/Kg	J	Z
05193	0	2	IN	SS00003AE	ANTHRACENE	120-12-7	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	ANTHRACENE	120-12-7	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	ANTHRACENE	120-12-7	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	ANTHRACENE	120-12-7	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	ANTHRACENE	120-12-7	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	ANTHRACENE	120-12-7	600	190	ug/Kg	J	A
40793	0	2	IN	SS40058AE	ANTHRACENE	120-12-7	590	230	ug/Kg	J	A
40893	0	2	IN	SS40004AE	ANTHRACENE	120-12-7	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	ANTHRACENE	120-12-7	390	120	ug/Kg	J	A
41193	0	2	IN	SS40007AE	ANTHRACENE	120-12-7	500	500	ug/Kg	U	V

231

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41293	0	2	IN	SS40071AE	ANTHRACENE	120-12-7	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	ANTHRACENE	120-12-7	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	ANTHRACENE	120-12-7	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	ANTHRACENE	120-12-7	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	ANTHRACENE	120-12-7	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	ANTHRACENE	120-12-7	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	ANTHRACENE	120-12-7	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	ANTHRACENE	120-12-7	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	ANTHRACENE	120-12-7	360	68	ug/Kg	J	A
42593	4	6	IN	SS40082AE	ANTHRACENE	120-12-7	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	ANTHRACENE	120-12-7	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	ANTHRACENE	120-12-7	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	ANTHRACENE	120-12-7	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	ANTHRACENE	120-12-7	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	ANTHRACENE	120-12-7	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	ANTHRACENE	120-12-7	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	ANTHRACENE	120-12-7	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	ANTHRACENE	120-12-7	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	ANTHRACENE	120-12-7	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	ANTHRACENE	120-12-7	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	ANTHRACENE	120-12-7	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	ANTHRACENE	120-12-7	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	ANTHRACENE	120-12-7	480	91	ug/Kg	J	A
45793	0	2	IN	SS40015AE	ANTHRACENE	120-12-7	500	200	ug/Kg	J	A
46193	0	2	IN	SS40096AE	ANTHRACENE	120-12-7	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	ANTHRACENE	120-12-7	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	ANTHRACENE	120-12-7	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	ANTHRACENE	120-12-7	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	ANTHRACENE	120-12-7	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	ANTHRACENE	120-12-7	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	ANTHRACENE	120-12-7	350	51	ug/Kg	J	A
SS400593	0	2	IN	SS40021AE	ANTHRACENE	120-12-7	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	ANTHRACENE	120-12-7	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	ANTHRACENE	120-12-7	380	52	ug/Kg	J	A
SS400893	0	2	IN	SS40024AE	ANTHRACENE	120-12-7	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	ANTHRACENE	120-12-7	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	ANTHRACENE	120-12-7	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	ANTHRACENE	120-12-7	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	ANTHRACENE	120-12-7	430	140	ug/Kg	J	A
SS401693	0	2	IN	SS40032AE	ANTHRACENE	120-12-7	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	ANTHRACENE	120-12-7	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	ANTHRACENE	120-12-7	380	44	ug/Kg	J	A
SS402593	0	2	IN	SS40041AE	ANTHRACENE	120-12-7	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	ANTHRACENE	120-12-7	370	140	ug/Kg	J	A
SS402893	0	2	IN	SS40044AE	ANTHRACENE	120-12-7	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	ANTHRACENE	120-12-7	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	ANTHRACENE	120-12-7	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	ANTHRACENE	120-12-7	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	ANTHRACENE	120-12-7	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	ANTHRACENE	120-12-7	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	ANTHRACENE	120-12-7	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	ANTHRACENE	120-12-7	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	ANTHRACENE	120-12-7	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	ANTHRACENE	120-12-7	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	ANTHRACENE	120-12-7	330	100	ug/Kg	J	A
SS811493	0	3	IN	SSG0108JE	ANTHRACENE	120-12-7	330	570	ug/Kg		V
05193	0	2	IN	SS00003AE	AROCLOR-1016	12674-11-2	90	90	ug/Kg	U	V
05393	0	2	IN	SS00005AE	AROCLOR-1016	12674-11-2	87	87	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	AROCLOR-1016	12674-11-2	110	110	ug/Kg	U	V
40293	0	2	IN	SS40042AE	AROCLOR-1016	12674-11-2	110	110	ug/Kg	U	V
40393	0	2	IN	SS40053AE	AROCLOR-1016	12674-11-2	110	110	ug/Kg	U	V
40693	0	2	IN	SS40057AE	AROCLOR-1016	12674-11-2	140	140	ug/Kg	U	V
40793	0	2	IN	SS40058AE	AROCLOR-1016	12674-11-2	140	140	ug/Kg	U	V
40893	0	2	IN	SS40004AE	AROCLOR-1016	12674-11-2	80	96	ug/Kg	U	V
40993	0	2	IN	SS40072AE	AROCLOR-1016	12674-11-2	94	94	ug/Kg	U	V
41193	0	2	IN	SS40007AE	AROCLOR-1016	12674-11-2	120	120	ug/Kg	U	V
41293	0	2	IN	SS40071AE	AROCLOR-1016	12674-11-2	180	180	ug/Kg	U	V
41593	4	6	IN	SS40073AE	AROCLOR-1016	12674-11-2	84	84	ug/Kg	U	V
41693	0	2	IN	SS40410AE	AROCLOR-1016	12674-11-2	110	110	ug/Kg	U	V
41793	0	2	IN	SS40077AE	AROCLOR-1016	12674-11-2	93	93	ug/Kg	U	V
41993	0	2	IN	SS40009AE	AROCLOR-1016	12674-11-2	95	95	ug/Kg	U	V
42093	0	2	IN	SS40480AE	AROCLOR-1016	12674-11-2	83	83	ug/Kg	U	V
42193	4	6	IN	SS40012AE	AROCLOR-1016	12674-11-2	83	83	ug/Kg	U	J
42393	0	2	IN	SS40079AE	AROCLOR-1016	12674-11-2	86	86	ug/Kg	U	V
42693	0	2	IN	SS40080AE	AROCLOR-1016	12674-11-2	130	130	ug/Kg	U	V
42993	0	2	IN	SS40056AE	AROCLOR-1016	12674-11-2	89	89	ug/Kg	U	V
43393	4	6	IN	SS40087AE	AROCLOR-1016	12674-11-2	84	84	ug/Kg	U	V
43693	4	6	IN	SS40089AE	AROCLOR-1016	12674-11-2	84	84	ug/Kg	U	V

232

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43793	0	2	IN	SS40088AE	AROCLOR-1016	12674-11-2	91	91	ug/Kg	U	V
43893	0	2	IN	SS40010AE	AROCLOR-1016	12674-11-2	96	96	ug/Kg	U	V
43993	0	2	IN	SS40091AE	AROCLOR-1016	12674-11-2	92	92	ug/Kg	U	V
44093	0	2	IN	SS40090AE	AROCLOR-1016	12674-11-2	96	96	ug/Kg	U	V
44393	0	2	IN	SS40005AE	AROCLOR-1016	12674-11-2	90	90	ug/Kg	U	V
44893	0	2	IN	SS40070AE	AROCLOR-1016	12674-11-2	100	100	ug/Kg	U	V
45693	0	2	IN	SS40094AE	AROCLOR-1016	12674-11-2	110	110	ug/Kg	U	V
45793	0	2	IN	SS40015AE	AROCLOR-1016	12674-11-2	120	120	ug/Kg	U	V
46193	0	2	IN	SS40096AE	AROCLOR-1016	12674-11-2	100	100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	AROCLOR-1016	12674-11-2	80	87	ug/Kg	U	V
46793	4	6	IN	SS40142AE	AROCLOR-1016	12674-11-2	80	89	ug/Kg	U	V
46893	4	6	IN	SS40143AE	AROCLOR-1016	12674-11-2	80	89	ug/Kg	U	V
47093	0	1	IN	SS40145AE	AROCLOR-1016	12674-11-2	80	91	ug/Kg	U	V
PCB-31-1	0	3	IN	SS00312ST	AROCLOR-1016	12674-11-2		64	ug/Kg	U	V
PCB-31-1	0	3	IN	SS00312ST	AROCLOR-1016	12674-11-2	64	64	ug/Kg	U	
PCB-31-2	0	3	IN	SS00313ST	AROCLOR-1016	12674-11-2		64	ug/Kg	U	V
PCB-31-2	0	3	IN	SS00313ST	AROCLOR-1016	12674-11-2	64	64	ug/Kg	U	
PCB-31-3	0	3	IN	SS00314ST	AROCLOR-1016	12674-11-2		64	ug/Kg	U	J
PCB-31-3	0	3	IN	SS00314ST	AROCLOR-1016	12674-11-2	64	64	ug/Kg	U	
PCB-31-4	0	3	IN	SS00315ST	AROCLOR-1016	12674-11-2		64	ug/Kg	U	J
PCB-31-4	0	3	IN	SS00315ST	AROCLOR-1016	12674-11-2	64	64	ug/Kg	U	
PCB-31-5	0	3	IN	SS00316ST	AROCLOR-1016	12674-11-2		64	ug/Kg	U	V
PCB-31-5	0	3	IN	SS00316ST	AROCLOR-1016	12674-11-2	64	64	ug/Kg	U	
SS400293	0	2	IN	SS40018AE	AROCLOR-1016	12674-11-2	110	110	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	AROCLOR-1016	12674-11-2	83	83	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	AROCLOR-1016	12674-11-2	82	82	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	AROCLOR-1016	12674-11-2	87	87	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	AROCLOR-1016	12674-11-2	91	91	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	AROCLOR-1016	12674-11-2	110	110	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	AROCLOR-1016	12674-11-2	120	120	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	AROCLOR-1016	12674-11-2	87	87	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	AROCLOR-1016	12674-11-2	110	110	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	AROCLOR-1016	12674-11-2	100	100	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	AROCLOR-1016	12674-11-2	85	85	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	AROCLOR-1016	12674-11-2	90	90	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	AROCLOR-1016	12674-11-2	92	92	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	AROCLOR-1016	12674-11-2	110	110	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	AROCLOR-1016	12674-11-2	88	88	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	AROCLOR-1016	12674-11-2	85	85	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	AROCLOR-1016	12674-11-2	82	82	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	AROCLOR-1016	12674-11-2	170	170	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	AROCLOR-1016	12674-11-2	110	110	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	AROCLOR-1016	12674-11-2	110	110	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	AROCLOR-1016	12674-11-2	150	150	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	AROCLOR-1016	12674-11-2	100	100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	AROCLOR-1016	12674-11-2	94	94	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	AROCLOR-1016	12674-11-2	94	94	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	AROCLOR-1016	12674-11-2	80	90	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	AROCLOR-1016	12674-11-2	80	100	ug/Kg	U	V
05193	0	2	IN	SS00003AE	AROCLOR-1221	11104-28-2	90	90	ug/Kg	U	V
05393	0	2	IN	SS00005AE	AROCLOR-1221	11104-28-2	87	87	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	AROCLOR-1221	11104-28-2	110	110	ug/Kg	U	V
40293	0	2	IN	SS40042AE	AROCLOR-1221	11104-28-2	110	110	ug/Kg	U	V
40393	0	2	IN	SS40053AE	AROCLOR-1221	11104-28-2	110	110	ug/Kg	U	V
40693	0	2	IN	SS40057AE	AROCLOR-1221	11104-28-2	140	140	ug/Kg	U	V
40793	0	2	IN	SS40058AE	AROCLOR-1221	11104-28-2	140	140	ug/Kg	U	V
40893	0	2	IN	SS40004AE	AROCLOR-1221	11104-28-2	80	96	ug/Kg	U	V
40993	0	2	IN	SS40072AE	AROCLOR-1221	11104-28-2	94	94	ug/Kg	U	V
41193	0	2	IN	SS40007AE	AROCLOR-1221	11104-28-2	120	120	ug/Kg	U	V
41293	0	2	IN	SS40071AE	AROCLOR-1221	11104-28-2	180	180	ug/Kg	U	V
41593	4	6	IN	SS40073AE	AROCLOR-1221	11104-28-2	84	84	ug/Kg	U	V
41693	0	2	IN	SS40410AE	AROCLOR-1221	11104-28-2	110	110	ug/Kg	U	V
41793	0	2	IN	SS40077AE	AROCLOR-1221	11104-28-2	93	93	ug/Kg	U	V
41993	0	2	IN	SS40009AE	AROCLOR-1221	11104-28-2	95	95	ug/Kg	U	V
42093	0	2	IN	SS40480AE	AROCLOR-1221	11104-28-2	83	83	ug/Kg	U	V
42193	4	6	IN	SS40012AE	AROCLOR-1221	11104-28-2	83	83	ug/Kg	U	J
42393	0	2	IN	SS40079AE	AROCLOR-1221	11104-28-2	86	86	ug/Kg	U	V
42693	0	2	IN	SS40080AE	AROCLOR-1221	11104-28-2	130	130	ug/Kg	U	V
42993	0	2	IN	SS40056AE	AROCLOR-1221	11104-28-2	89	89	ug/Kg	U	V
43393	4	6	IN	SS40087AE	AROCLOR-1221	11104-28-2	84	84	ug/Kg	U	V
43693	4	6	IN	SS40089AE	AROCLOR-1221	11104-28-2	84	84	ug/Kg	U	V
43793	0	2	IN	SS40088AE	AROCLOR-1221	11104-28-2	91	91	ug/Kg	U	V
43893	0	2	IN	SS40010AE	AROCLOR-1221	11104-28-2	96	96	ug/Kg	U	V
43993	0	2	IN	SS40091AE	AROCLOR-1221	11104-28-2	92	92	ug/Kg	U	V
44093	0	2	IN	SS40090AE	AROCLOR-1221	11104-28-2	96	96	ug/Kg	U	V
44393	0	2	IN	SS40005AE	AROCLOR-1221	11104-28-2	90	90	ug/Kg	U	V
44893	0	2	IN	SS40070AE	AROCLOR-1221	11104-28-2	100	100	ug/Kg	U	V
45693	0	2	IN	SS40094AE	AROCLOR-1221	11104-28-2	110	110	ug/Kg	U	V

233

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
45793	0	2	IN	SS40015AE	AROCLOR-1221	11104-28-2	120	120	ug/Kg	U	V
46193	0	2	IN	SS40096AE	AROCLOR-1221	11104-28-2	100	100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	AROCLOR-1221	11104-28-2	80	87	ug/Kg	U	V
46793	4	6	IN	SS40142AE	AROCLOR-1221	11104-28-2	80	89	ug/Kg	U	V
46893	4	6	IN	SS40143AE	AROCLOR-1221	11104-28-2	80	89	ug/Kg	U	V
47093	0	1	IN	SS40145AE	AROCLOR-1221	11104-28-2	80	91	ug/Kg	U	V
PCB-31-1	0	3	IN	SS00312ST	AROCLOR-1221	11104-28-2		64	ug/Kg	U	V
PCB-31-1	0	3	IN	SS00312ST	AROCLOR-1221	11104-28-2	64	64	ug/Kg	U	
PCB-31-2	0	3	IN	SS00313ST	AROCLOR-1221	11104-28-2		64	ug/Kg	U	V
PCB-31-2	0	3	IN	SS00313ST	AROCLOR-1221	11104-28-2	64	64	ug/Kg	U	
PCB-31-3	0	3	IN	SS00314ST	AROCLOR-1221	11104-28-2		64	ug/Kg	U	J
PCB-31-3	0	3	IN	SS00314ST	AROCLOR-1221	11104-28-2	64	64	ug/Kg	U	
PCB-31-4	0	3	IN	SS00315ST	AROCLOR-1221	11104-28-2		64	ug/Kg	U	J
PCB-31-4	0	3	IN	SS00315ST	AROCLOR-1221	11104-28-2	64	64	ug/Kg	U	
PCB-31-5	0	3	IN	SS00316ST	AROCLOR-1221	11104-28-2		64	ug/Kg	U	V
PCB-31-5	0	3	IN	SS00316ST	AROCLOR-1221	11104-28-2	64	64	ug/Kg	U	
SS400293	0	2	IN	SS40018AE	AROCLOR-1221	11104-28-2	110	110	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	AROCLOR-1221	11104-28-2	83	83	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	AROCLOR-1221	11104-28-2	82	82	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	AROCLOR-1221	11104-28-2	87	87	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	AROCLOR-1221	11104-28-2	91	91	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	AROCLOR-1221	11104-28-2	110	110	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	AROCLOR-1221	11104-28-2	120	120	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	AROCLOR-1221	11104-28-2	87	87	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	AROCLOR-1221	11104-28-2	110	110	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	AROCLOR-1221	11104-28-2	100	100	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	AROCLOR-1221	11104-28-2	85	85	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	AROCLOR-1221	11104-28-2	90	90	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	AROCLOR-1221	11104-28-2	92	92	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	AROCLOR-1221	11104-28-2	110	110	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	AROCLOR-1221	11104-28-2	88	88	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	AROCLOR-1221	11104-28-2	85	85	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	AROCLOR-1221	11104-28-2	82	82	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	AROCLOR-1221	11104-28-2	170	170	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	AROCLOR-1221	11104-28-2	110	110	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	AROCLOR-1221	11104-28-2	110	110	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	AROCLOR-1221	11104-28-2	150	150	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	AROCLOR-1221	11104-28-2	100	100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	AROCLOR-1221	11104-28-2	94	94	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	AROCLOR-1221	11104-28-2	94	94	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	AROCLOR-1221	11104-28-2	80	90	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	AROCLOR-1221	11104-28-2	80	100	ug/Kg	U	V
05193	0	2	IN	SS00003AE	AROCLOR-1232	11141-16-5	90	90	ug/Kg	U	V
05393	0	2	IN	SS00005AE	AROCLOR-1232	11141-16-5	87	87	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	AROCLOR-1232	11141-16-5	110	110	ug/Kg	U	V
40293	0	2	IN	SS40042AE	AROCLOR-1232	11141-16-5	110	110	ug/Kg	U	V
40393	0	2	IN	SS40053AE	AROCLOR-1232	11141-16-5	110	110	ug/Kg	U	V
40693	0	2	IN	SS40057AE	AROCLOR-1232	11141-16-5	140	140	ug/Kg	U	V
40793	0	2	IN	SS40058AE	AROCLOR-1232	11141-16-5	140	140	ug/Kg	U	V
40893	0	2	IN	SS40004AE	AROCLOR-1232	11141-16-5	80	96	ug/Kg	U	V
40993	0	2	IN	SS40072AE	AROCLOR-1232	11141-16-5	94	94	ug/Kg	U	V
41193	0	2	IN	SS40007AE	AROCLOR-1232	11141-16-5	120	120	ug/Kg	U	V
41293	0	2	IN	SS40071AE	AROCLOR-1232	11141-16-5	180	180	ug/Kg	U	V
41593	4	6	IN	SS40073AE	AROCLOR-1232	11141-16-5	84	84	ug/Kg	U	V
41693	0	2	IN	SS40410AE	AROCLOR-1232	11141-16-5	110	110	ug/Kg	U	V
41793	0	2	IN	SS40077AE	AROCLOR-1232	11141-16-5	93	93	ug/Kg	U	V
41993	0	2	IN	SS40009AE	AROCLOR-1232	11141-16-5	95	95	ug/Kg	U	V
42093	0	2	IN	SS40480AE	AROCLOR-1232	11141-16-5	83	83	ug/Kg	U	V
42193	4	6	IN	SS40012AE	AROCLOR-1232	11141-16-5	83	83	ug/Kg	U	J
42393	0	2	IN	SS40079AE	AROCLOR-1232	11141-16-5	86	86	ug/Kg	U	V
42693	0	2	IN	SS40080AE	AROCLOR-1232	11141-16-5	130	130	ug/Kg	U	V
42993	0	2	IN	SS40056AE	AROCLOR-1232	11141-16-5	89	89	ug/Kg	U	V
43393	4	6	IN	SS40087AE	AROCLOR-1232	11141-16-5	84	84	ug/Kg	U	V
43693	4	6	IN	SS40089AE	AROCLOR-1232	11141-16-5	84	84	ug/Kg	U	V
43793	0	2	IN	SS40088AE	AROCLOR-1232	11141-16-5	91	91	ug/Kg	U	V
43893	0	2	IN	SS40010AE	AROCLOR-1232	11141-16-5	96	96	ug/Kg	U	V
43993	0	2	IN	SS40091AE	AROCLOR-1232	11141-16-5	92	92	ug/Kg	U	V
44093	0	2	IN	SS40090AE	AROCLOR-1232	11141-16-5	96	96	ug/Kg	U	V
44393	0	2	IN	SS40005AE	AROCLOR-1232	11141-16-5	90	90	ug/Kg	U	V
44893	0	2	IN	SS40070AE	AROCLOR-1232	11141-16-5	100	100	ug/Kg	U	V
45693	0	2	IN	SS40094AE	AROCLOR-1232	11141-16-5	110	110	ug/Kg	U	V
45793	0	2	IN	SS40015AE	AROCLOR-1232	11141-16-5	120	120	ug/Kg	U	V
46193	0	2	IN	SS40096AE	AROCLOR-1232	11141-16-5	100	100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	AROCLOR-1232	11141-16-5	80	87	ug/Kg	U	V
46793	4	6	IN	SS40142AE	AROCLOR-1232	11141-16-5	80	89	ug/Kg	U	V
46893	4	6	IN	SS40143AE	AROCLOR-1232	11141-16-5	80	89	ug/Kg	U	V
47093	0	1	IN	SS40145AE	AROCLOR-1232	11141-16-5	80	91	ug/Kg	U	V
PCB-31-1	0	3	IN	SS00312ST	AROCLOR-1232	11141-16-5		43	ug/Kg	U	V

234

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
PCB-31-1	0	3	IN	SS00312ST	AROCLOR-1232	11141-16-5	43	43	ug/Kg	U	
PCB-31-2	0	3	IN	SS00313ST	AROCLOR-1232	11141-16-5		43	ug/Kg	U	V
PCB-31-2	0	3	IN	SS00313ST	AROCLOR-1232	11141-16-5	43	43	ug/Kg	U	
PCB-31-3	0	3	IN	SS00314ST	AROCLOR-1232	11141-16-5		43	ug/Kg	U	J
PCB-31-3	0	3	IN	SS00314ST	AROCLOR-1232	11141-16-5	43	43	ug/Kg	U	
PCB-31-4	0	3	IN	SS00315ST	AROCLOR-1232	11141-16-5		43	ug/Kg	U	J
PCB-31-4	0	3	IN	SS00315ST	AROCLOR-1232	11141-16-5	43	43	ug/Kg	U	
PCB-31-5	0	3	IN	SS00316ST	AROCLOR-1232	11141-16-5		43	ug/Kg	U	V
PCB-31-5	0	3	IN	SS00316ST	AROCLOR-1232	11141-16-5	43	43	ug/Kg	U	
SS400293	0	2	IN	SS40018AE	AROCLOR-1232	11141-16-5	110	110	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	AROCLOR-1232	11141-16-5	83	83	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	AROCLOR-1232	11141-16-5	82	82	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	AROCLOR-1232	11141-16-5	87	87	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	AROCLOR-1232	11141-16-5	91	91	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	AROCLOR-1232	11141-16-5	110	110	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	AROCLOR-1232	11141-16-5	120	120	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	AROCLOR-1232	11141-16-5	87	87	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	AROCLOR-1232	11141-16-5	110	110	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	AROCLOR-1232	11141-16-5	100	100	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	AROCLOR-1232	11141-16-5	85	85	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	AROCLOR-1232	11141-16-5	90	90	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	AROCLOR-1232	11141-16-5	92	92	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	AROCLOR-1232	11141-16-5	110	110	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	AROCLOR-1232	11141-16-5	88	88	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	AROCLOR-1232	11141-16-5	85	85	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	AROCLOR-1232	11141-16-5	82	82	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	AROCLOR-1232	11141-16-5	170	170	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	AROCLOR-1232	11141-16-5	110	110	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	AROCLOR-1232	11141-16-5	110	110	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	AROCLOR-1232	11141-16-5	150	150	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	AROCLOR-1232	11141-16-5	100	100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	AROCLOR-1232	11141-16-5	94	94	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	AROCLOR-1232	11141-16-5	94	94	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	AROCLOR-1232	11141-16-5	80	90	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	AROCLOR-1232	11141-16-5	80	100	ug/Kg	U	V
05193	0	2	IN	SS00003AE	AROCLOR-1242	53469-21-9	90	90	ug/Kg	U	V
05393	0	2	IN	SS00005AE	AROCLOR-1242	53469-21-9	87	87	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	AROCLOR-1242	53469-21-9	110	110	ug/Kg	U	V
40293	0	2	IN	SS40042AE	AROCLOR-1242	53469-21-9	110	110	ug/Kg	U	V
40393	0	2	IN	SS40053AE	AROCLOR-1242	53469-21-9	110	110	ug/Kg	U	V
40693	0	2	IN	SS40057AE	AROCLOR-1242	53469-21-9	140	140	ug/Kg	U	V
40793	0	2	IN	SS40058AE	AROCLOR-1242	53469-21-9	140	140	ug/Kg	U	V
40893	0	2	IN	SS40004AE	AROCLOR-1242	53469-21-9	80	96	ug/Kg	U	V
40993	0	2	IN	SS40072AE	AROCLOR-1242	53469-21-9	94	94	ug/Kg	U	V
41193	0	2	IN	SS40007AE	AROCLOR-1242	53469-21-9	120	120	ug/Kg	U	V
41293	0	2	IN	SS40071AE	AROCLOR-1242	53469-21-9	180	180	ug/Kg	U	V
41593	4	6	IN	SS40073AE	AROCLOR-1242	53469-21-9	84	84	ug/Kg	U	V
41693	0	2	IN	SS40410AE	AROCLOR-1242	53469-21-9	110	110	ug/Kg	U	V
41793	0	2	IN	SS40077AE	AROCLOR-1242	53469-21-9	93	93	ug/Kg	U	V
41993	0	2	IN	SS40009AE	AROCLOR-1242	53469-21-9	95	95	ug/Kg	U	V
42093	0	2	IN	SS40480AE	AROCLOR-1242	53469-21-9	83	83	ug/Kg	U	V
42193	4	6	IN	SS40012AE	AROCLOR-1242	53469-21-9	83	83	ug/Kg	U	J
42393	0	2	IN	SS40079AE	AROCLOR-1242	53469-21-9	86	86	ug/Kg	U	V
42693	0	2	IN	SS40080AE	AROCLOR-1242	53469-21-9	130	130	ug/Kg	U	V
42993	0	2	IN	SS40056AE	AROCLOR-1242	53469-21-9	89	89	ug/Kg	U	V
43393	4	6	IN	SS40087AE	AROCLOR-1242	53469-21-9	84	84	ug/Kg	U	V
43693	4	6	IN	SS40089AE	AROCLOR-1242	53469-21-9	84	84	ug/Kg	U	V
43793	0	2	IN	SS40088AE	AROCLOR-1242	53469-21-9	91	91	ug/Kg	U	V
43893	0	2	IN	SS40010AE	AROCLOR-1242	53469-21-9	96	96	ug/Kg	U	V
43993	0	2	IN	SS40091AE	AROCLOR-1242	53469-21-9	92	92	ug/Kg	U	V
44093	0	2	IN	SS40090AE	AROCLOR-1242	53469-21-9	96	96	ug/Kg	U	V
44393	0	2	IN	SS40005AE	AROCLOR-1242	53469-21-9	90	90	ug/Kg	U	V
44893	0	2	IN	SS40070AE	AROCLOR-1242	53469-21-9	100	100	ug/Kg	U	V
45693	0	2	IN	SS40094AE	AROCLOR-1242	53469-21-9	110	110	ug/Kg	U	V
45793	0	2	IN	SS40015AE	AROCLOR-1242	53469-21-9	120	120	ug/Kg	U	V
46193	0	2	IN	SS40096AE	AROCLOR-1242	53469-21-9	100	100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	AROCLOR-1242	53469-21-9	80	87	ug/Kg	U	V
46793	4	6	IN	SS40142AE	AROCLOR-1242	53469-21-9	80	89	ug/Kg	U	V
46893	4	6	IN	SS40143AE	AROCLOR-1242	53469-21-9	80	89	ug/Kg	U	V
47093	0	1	IN	SS40145AE	AROCLOR-1242	53469-21-9	80	91	ug/Kg	U	V
PCB-31-1	0	3	IN	SS00312ST	AROCLOR-1242	53469-21-9		21	ug/Kg	U	V
PCB-31-1	0	3	IN	SS00312ST	AROCLOR-1242	53469-21-9	21	21	ug/Kg	U	
PCB-31-2	0	3	IN	SS00313ST	AROCLOR-1242	53469-21-9		21	ug/Kg	U	V
PCB-31-2	0	3	IN	SS00313ST	AROCLOR-1242	53469-21-9	21	21	ug/Kg	U	
PCB-31-3	0	3	IN	SS00314ST	AROCLOR-1242	53469-21-9		21	ug/Kg	U	J
PCB-31-3	0	3	IN	SS00314ST	AROCLOR-1242	53469-21-9	21	21	ug/Kg	U	
PCB-31-4	0	3	IN	SS00315ST	AROCLOR-1242	53469-21-9		21	ug/Kg	U	J
PCB-31-4	0	3	IN	SS00315ST	AROCLOR-1242	53469-21-9	21	21	ug/Kg	U	

235

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS400893	0	2	IN	SS40024AE	AROCLOR-1248	12672-29-6	110	110	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	AROCLOR-1248	12672-29-6	120	120	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	AROCLOR-1248	12672-29-6	87	87	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	AROCLOR-1248	12672-29-6	110	110	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	AROCLOR-1248	12672-29-6	100	100	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	AROCLOR-1248	12672-29-6	85	85	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	AROCLOR-1248	12672-29-6	90	90	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	AROCLOR-1248	12672-29-6	92	92	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	AROCLOR-1248	12672-29-6	110	110	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	AROCLOR-1248	12672-29-6	88	88	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	AROCLOR-1248	12672-29-6	85	85	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	AROCLOR-1248	12672-29-6	82	82	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	AROCLOR-1248	12672-29-6	170	170	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	AROCLOR-1248	12672-29-6	110	110	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	AROCLOR-1248	12672-29-6	110	110	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	AROCLOR-1248	12672-29-6	150	150	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	AROCLOR-1248	12672-29-6	100	100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	AROCLOR-1248	12672-29-6	94	94	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	AROCLOR-1248	12672-29-6	94	94	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	AROCLOR-1248	12672-29-6	80	90	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	AROCLOR-1248	12672-29-6	80	100	ug/Kg	U	V
05193	0	2	IN	SS00003AE	AROCLOR-1254	11097-69-1	180	180	ug/Kg	U	V
05393	0	2	IN	SS00005AE	AROCLOR-1254	11097-69-1	170	170	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	AROCLOR-1254	11097-69-1	230	230	ug/Kg	U	V
40293	0	2	IN	SS40042AE	AROCLOR-1254	11097-69-1	210	210	ug/Kg	U	V
40393	0	2	IN	SS40053AE	AROCLOR-1254	11097-69-1	210	210	ug/Kg	U	V
40693	0	2	IN	SS40057AE	AROCLOR-1254	11097-69-1	290	290	ug/Kg	U	V
40793	0	2	IN	SS40058AE	AROCLOR-1254	11097-69-1	280	280	ug/Kg	U	V
40893	0	2	IN	SS40004AE	AROCLOR-1254	11097-69-1	160	190	ug/Kg	U	V
40993	0	2	IN	SS40072AE	AROCLOR-1254	11097-69-1	190	190	ug/Kg	U	V
41193	0	2	IN	SS40007AE	AROCLOR-1254	11097-69-1	240	240	ug/Kg	U	V
41293	0	2	IN	SS40071AE	AROCLOR-1254	11097-69-1	360	360	ug/Kg	U	V
41593	4	6	IN	SS40073AE	AROCLOR-1254	11097-69-1	170	170	ug/Kg	U	V
41693	0	2	IN	SS40410AE	AROCLOR-1254	11097-69-1	210	210	ug/Kg	U	V
41793	0	2	IN	SS40077AE	AROCLOR-1254	11097-69-1	190	190	ug/Kg	U	V
41993	0	2	IN	SS40009AE	AROCLOR-1254	11097-69-1	190	190	ug/Kg	U	V
42093	0	2	IN	SS40480AE	AROCLOR-1254	11097-69-1	170	170	ug/Kg	U	V
42193	4	6	IN	SS40012AE	AROCLOR-1254	11097-69-1	170	170	ug/Kg	U	J
42393	0	2	IN	SS40079AE	AROCLOR-1254	11097-69-1	170	170	ug/Kg	U	V
42693	0	2	IN	SS40080AE	AROCLOR-1254	11097-69-1	250	250	ug/Kg	U	V
42993	0	2	IN	SS40056AE	AROCLOR-1254	11097-69-1	180	180	ug/Kg	U	V
43393	4	6	IN	SS40087AE	AROCLOR-1254	11097-69-1	170	170	ug/Kg	U	V
43693	4	6	IN	SS40089AE	AROCLOR-1254	11097-69-1	170	170	ug/Kg	U	V
43793	0	2	IN	SS40088AE	AROCLOR-1254	11097-69-1	180	180	ug/Kg	U	V
43893	0	2	IN	SS40010AE	AROCLOR-1254	11097-69-1	190	190	ug/Kg	U	V
43993	0	2	IN	SS40091AE	AROCLOR-1254	11097-69-1	180	180	ug/Kg	U	V
44093	0	2	IN	SS40090AE	AROCLOR-1254	11097-69-1	190	190	ug/Kg	U	V
44393	0	2	IN	SS40005AE	AROCLOR-1254	11097-69-1	180	180	ug/Kg	U	V
44693	0	2	IN	SS40070AE	AROCLOR-1254	11097-69-1	210	210	ug/Kg	U	V
45693	0	2	IN	SS40094AE	AROCLOR-1254	11097-69-1	230	230	ug/Kg	U	V
45793	0	2	IN	SS40015AE	AROCLOR-1254	11097-69-1	240	240	ug/Kg	U	V
46193	0	2	IN	SS40096AE	AROCLOR-1254	11097-69-1	200	200	ug/Kg	U	V
46693	4	6	IN	SS40141AE	AROCLOR-1254	11097-69-1	160	170	ug/Kg	U	V
46793	4	6	IN	SS40142AE	AROCLOR-1254	11097-69-1	160	180	ug/Kg	U	V
46893	4	6	IN	SS40143AE	AROCLOR-1254	11097-69-1	160	180	ug/Kg	U	V
47093	0	1	IN	SS40145AE	AROCLOR-1254	11097-69-1	160	180	ug/Kg	U	V
PCB-31-1	0	3	IN	SS00312ST	AROCLOR-1254	11097-69-1		13	ug/Kg	J	A
PCB-31-1	0	3	IN	SS00312ST	AROCLOR-1254	11097-69-1	21	13	ug/Kg	J	
PCB-31-2	0	3	IN	SS00313ST	AROCLOR-1254	11097-69-1		21	ug/Kg	U	V
PCB-31-2	0	3	IN	SS00313ST	AROCLOR-1254	11097-69-1	21	21	ug/Kg	U	
PCB-31-3	0	3	IN	SS00314ST	AROCLOR-1254	11097-69-1		21	ug/Kg	U	J
PCB-31-3	0	3	IN	SS00314ST	AROCLOR-1254	11097-69-1	21	21	ug/Kg	U	
PCB-31-4	0	3	IN	SS00315ST	AROCLOR-1254	11097-69-1		63	ug/Kg		J
PCB-31-4	0	3	IN	SS00315ST	AROCLOR-1254	11097-69-1	21	63	ug/Kg		
PCB-31-5	0	3	IN	SS00316ST	AROCLOR-1254	11097-69-1		38	ug/Kg		J
PCB-31-5	0	3	IN	SS00316ST	AROCLOR-1254	11097-69-1	21	38	ug/Kg		
SS400293	0	2	IN	SS40018AE	AROCLOR-1254	11097-69-1	220	220	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	AROCLOR-1254	11097-69-1	170	170	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	AROCLOR-1254	11097-69-1	160	160	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	AROCLOR-1254	11097-69-1	170	170	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	AROCLOR-1254	11097-69-1	180	180	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	AROCLOR-1254	11097-69-1	220	220	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	AROCLOR-1254	11097-69-1	230	230	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	AROCLOR-1254	11097-69-1	170	170	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	AROCLOR-1254	11097-69-1	230	230	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	AROCLOR-1254	11097-69-1	210	210	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	AROCLOR-1254	11097-69-1	170	170	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	AROCLOR-1254	11097-69-1	180	180	ug/Kg	UX	

236

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS402393	0	2	IN	SS40039AE	AROCLOR-1254	11097-69-1	180	180	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	AROCLOR-1254	11097-69-1	210	210	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	AROCLOR-1254	11097-69-1	180	180	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	AROCLOR-1254	11097-69-1	170	170	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	AROCLOR-1254	11097-69-1	160	160	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	AROCLOR-1254	11097-69-1	340	340	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	AROCLOR-1254	11097-69-1	220	220	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	AROCLOR-1254	11097-69-1	210	210	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	AROCLOR-1254	11097-69-1	300	300	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	AROCLOR-1254	11097-69-1	200	200	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	AROCLOR-1254	11097-69-1	190	190	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	AROCLOR-1254	11097-69-1	190	190	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	AROCLOR-1254	11097-69-1	160	180	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	AROCLOR-1254	11097-69-1	160	200	ug/Kg	U	V
05193	0	2	IN	SS00003AE	AROCLOR-1260	11096-82-5	180	180	ug/Kg	U	V
05393	0	2	IN	SS00005AE	AROCLOR-1260	11096-82-5	170	170	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	AROCLOR-1260	11096-82-5	230	230	ug/Kg	U	V
40293	0	2	IN	SS40042AE	AROCLOR-1260	11096-82-5	210	210	ug/Kg	U	V
40393	0	2	IN	SS40053AE	AROCLOR-1260	11096-82-5	210	210	ug/Kg	U	V
40693	0	2	IN	SS40057AE	AROCLOR-1260	11096-82-5	290	290	ug/Kg	U	V
40793	0	2	IN	SS40058AE	AROCLOR-1260	11096-82-5	280	280	ug/Kg	U	V
40893	0	2	IN	SS40004AE	AROCLOR-1260	11096-82-5	160	190	ug/Kg	U	V
40993	0	2	IN	SS40072AE	AROCLOR-1260	11096-82-5	190	190	ug/Kg	U	V
41193	0	2	IN	SS40007AE	AROCLOR-1260	11096-82-5	240	240	ug/Kg	U	V
41293	0	2	IN	SS40071AE	AROCLOR-1260	11096-82-5	360	360	ug/Kg	U	V
41593	4	6	IN	SS40073AE	AROCLOR-1260	11096-82-5	170	170	ug/Kg	U	V
41693	0	2	IN	SS40410AE	AROCLOR-1260	11096-82-5	210	210	ug/Kg	U	V
41793	0	2	IN	SS40077AE	AROCLOR-1260	11096-82-5	190	190	ug/Kg	U	V
41993	0	2	IN	SS40009AE	AROCLOR-1260	11096-82-5	190	190	ug/Kg	U	V
42093	0	2	IN	SS40480AE	AROCLOR-1260	11096-82-5	170	170	ug/Kg	U	V
42193	4	6	IN	SS40012AE	AROCLOR-1260	11096-82-5	170	170	ug/Kg	U	J
42393	0	2	IN	SS40079AE	AROCLOR-1260	11096-82-5	170	170	ug/Kg	U	V
42693	0	2	IN	SS40080AE	AROCLOR-1260	11096-82-5	250	250	ug/Kg	U	V
42993	0	2	IN	SS40056AE	AROCLOR-1260	11096-82-5	180	180	ug/Kg	U	V
43393	4	6	IN	SS40087AE	AROCLOR-1260	11096-82-5	170	170	ug/Kg	U	V
43693	4	6	IN	SS40089AE	AROCLOR-1260	11096-82-5	170	170	ug/Kg	U	V
43793	0	2	IN	SS40088AE	AROCLOR-1260	11096-82-5	180	180	ug/Kg	U	V
43893	0	2	IN	SS40010AE	AROCLOR-1260	11096-82-5	190	190	ug/Kg	U	V
43993	0	2	IN	SS40091AE	AROCLOR-1260	11096-82-5	180	180	ug/Kg	U	V
44093	0	2	IN	SS40090AE	AROCLOR-1260	11096-82-5	190	190	ug/Kg	U	V
44393	0	2	IN	SS40005AE	AROCLOR-1260	11096-82-5	180	180	ug/Kg	U	V
44893	0	2	IN	SS40070AE	AROCLOR-1260	11096-82-5	210	210	ug/Kg	U	V
45693	0	2	IN	SS40094AE	AROCLOR-1260	11096-82-5	230	230	ug/Kg	U	V
45793	0	2	IN	SS40015AE	AROCLOR-1260	11096-82-5	240	240	ug/Kg	U	V
46193	0	2	IN	SS40096AE	AROCLOR-1260	11096-82-5	200	200	ug/Kg	U	V
46693	4	6	IN	SS40141AE	AROCLOR-1260	11096-82-5	160	170	ug/Kg	U	V
46793	4	6	IN	SS40142AE	AROCLOR-1260	11096-82-5	160	180	ug/Kg	U	V
46893	4	6	IN	SS40143AE	AROCLOR-1260	11096-82-5	160	180	ug/Kg	U	V
47093	0	1	IN	SS40145AE	AROCLOR-1260	11096-82-5	160	180	ug/Kg	U	V
PCB-31-1	0	3	IN	SS00312ST	AROCLOR-1260	11096-82-5		21	ug/Kg	U	V
PCB-31-1	0	3	IN	SS00312ST	AROCLOR-1260	11096-82-5	21	21	ug/Kg	U	
PCB-31-2	0	3	IN	SS00313ST	AROCLOR-1260	11096-82-5		21	ug/Kg	U	V
PCB-31-2	0	3	IN	SS00313ST	AROCLOR-1260	11096-82-5	21	21	ug/Kg	U	
PCB-31-3	0	3	IN	SS00314ST	AROCLOR-1260	11096-82-5		21	ug/Kg	U	J
PCB-31-3	0	3	IN	SS00314ST	AROCLOR-1260	11096-82-5	21	21	ug/Kg	U	
PCB-31-4	0	3	IN	SS00315ST	AROCLOR-1260	11096-82-5		21	ug/Kg	U	J
PCB-31-4	0	3	IN	SS00315ST	AROCLOR-1260	11096-82-5	21	21	ug/Kg	U	
PCB-31-5	0	3	IN	SS00316ST	AROCLOR-1260	11096-82-5		21	ug/Kg	U	V
PCB-31-5	0	3	IN	SS00316ST	AROCLOR-1260	11096-82-5	21	21	ug/Kg	U	
SS400293	0	2	IN	SS40018AE	AROCLOR-1260	11096-82-5	220	220	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	AROCLOR-1260	11096-82-5	170	170	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	AROCLOR-1260	11096-82-5	160	160	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	AROCLOR-1260	11096-82-5	170	170	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	AROCLOR-1260	11096-82-5	180	180	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	AROCLOR-1260	11096-82-5	220	220	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	AROCLOR-1260	11096-82-5	230	230	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	AROCLOR-1260	11096-82-5	170	170	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	AROCLOR-1260	11096-82-5	230	230	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	AROCLOR-1260	11096-82-5	210	210	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	AROCLOR-1260	11096-82-5	170	170	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	AROCLOR-1260	11096-82-5	180	180	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	AROCLOR-1260	11096-82-5	180	180	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	AROCLOR-1260	11096-82-5	210	210	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	AROCLOR-1260	11096-82-5	180	180	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	AROCLOR-1260	11096-82-5	170	170	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	AROCLOR-1260	11096-82-5	160	160	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	AROCLOR-1260	11096-82-5	340	340	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	AROCLOR-1260	11096-82-5	220	220	ug/Kg	U	V

237

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS403293	0	2	IN	SS40048AE	AROCLOR-1260	11096-82-5	210	210	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	AROCLOR-1260	11096-82-5	300	300	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	AROCLOR-1260	11096-82-5	200	200	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	AROCLOR-1260	11096-82-5	190	190	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	AROCLOR-1260	11096-82-5	190	190	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	AROCLOR-1260	11096-82-5	160	180	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	AROCLOR-1260	11096-82-5	160	200	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	BENZENE	71-43-2	6	6	ug/Kg	U	V
05093	0	2	IN	SS00002AE	BENZO(A)ANTHRACENE	56-55-3	360	250	ug/Kg	J	Z
05193	0	2	IN	SS00003AE	BENZO(A)ANTHRACENE	56-55-3	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	BENZO(A)ANTHRACENE	56-55-3	360	48	ug/Kg	J	Z
40093	0	2	IN	SS40060AE	BENZO(A)ANTHRACENE	56-55-3	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	BENZO(A)ANTHRACENE	56-55-3	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	BENZO(A)ANTHRACENE	56-55-3	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	BENZO(A)ANTHRACENE	56-55-3	600	460	ug/Kg	J	A
40793	0	2	IN	SS40058AE	BENZO(A)ANTHRACENE	56-55-3	590	520	ug/Kg	J	A
40893	0	2	IN	SS40004AE	BENZO(A)ANTHRACENE	56-55-3	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	BENZO(A)ANTHRACENE	56-55-3	390	320	ug/Kg	J	A
41193	0	2	IN	SS40007AE	BENZO(A)ANTHRACENE	56-55-3	500	150	ug/Kg	J	A
41293	0	2	IN	SS40071AE	BENZO(A)ANTHRACENE	56-55-3	740	180	ug/Kg	J	A
41593	4	6	IN	SS40073AE	BENZO(A)ANTHRACENE	56-55-3	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	BENZO(A)ANTHRACENE	56-55-3	450	66	ug/Kg	J	A
41793	0	2	IN	SS40077AE	BENZO(A)ANTHRACENE	56-55-3	390	81	ug/Kg	J	
41993	0	2	IN	SS40009AE	BENZO(A)ANTHRACENE	56-55-3	400	110	ug/Kg	J	
42093	0	2	IN	SS40480AE	BENZO(A)ANTHRACENE	56-55-3	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	BENZO(A)ANTHRACENE	56-55-3	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	BENZO(A)ANTHRACENE	56-55-3	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	BENZO(A)ANTHRACENE	56-55-3	360	210	ug/Kg	J	A
42593	4	6	IN	SS40082AE	BENZO(A)ANTHRACENE	56-55-3	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	BENZO(A)ANTHRACENE	56-55-3	520	63	ug/Kg	J	A
42993	0	2	IN	SS40056AE	BENZO(A)ANTHRACENE	56-55-3	370	54	ug/Kg	J	A
43193	0	2	IN	SS40084AE	BENZO(A)ANTHRACENE	56-55-3	360	56	ug/Kg	J	
43393	4	6	IN	SS40087AE	BENZO(A)ANTHRACENE	56-55-3	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	BENZO(A)ANTHRACENE	56-55-3	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	BENZO(A)ANTHRACENE	56-55-3	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	BENZO(A)ANTHRACENE	56-55-3	380	57	ug/Kg	J	A
43893	0	2	IN	SS40010AE	BENZO(A)ANTHRACENE	56-55-3	400	110	ug/Kg	J	A
43993	0	2	IN	SS40091AE	BENZO(A)ANTHRACENE	56-55-3	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	BENZO(A)ANTHRACENE	56-55-3	400	53	ug/Kg	J	
44393	0	2	IN	SS40005AE	BENZO(A)ANTHRACENE	56-55-3	380	68	ug/Kg	J	A
44893	0	2	IN	SS40070AE	BENZO(A)ANTHRACENE	56-55-3	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	BENZO(A)ANTHRACENE	56-55-3	480	210	ug/Kg	J	A
45793	0	2	IN	SS40015AE	BENZO(A)ANTHRACENE	56-55-3	500	490	ug/Kg	J	A
46193	0	2	IN	SS40096AE	BENZO(A)ANTHRACENE	56-55-3	420	80	ug/Kg	J	A
46693	4	6	IN	SS40141AE	BENZO(A)ANTHRACENE	56-55-3	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	BENZO(A)ANTHRACENE	56-55-3	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	BENZO(A)ANTHRACENE	56-55-3	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	BENZO(A)ANTHRACENE	56-55-3	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	BENZO(A)ANTHRACENE	56-55-3	460	140	ug/Kg	J	A
SS400393	0	2	IN	SS40019AE	BENZO(A)ANTHRACENE	56-55-3	350	170	ug/Kg	J	A
SS400593	0	2	IN	SS40021AE	BENZO(A)ANTHRACENE	56-55-3	340	51	ug/Kg	J	A
SS400693	0	2	IN	SS40022AE	BENZO(A)ANTHRACENE	56-55-3	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	BENZO(A)ANTHRACENE	56-55-3	380	86	ug/Kg	J	A
SS400893	0	2	IN	SS40024AE	BENZO(A)ANTHRACENE	56-55-3	460	46	ug/Kg	J	A
SS401193	0	2	IN	SS40027AE	BENZO(A)ANTHRACENE	56-55-3	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	BENZO(A)ANTHRACENE	56-55-3	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	BENZO(A)ANTHRACENE	56-55-3	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	BENZO(A)ANTHRACENE	56-55-3	430	330	ug/Kg	J	A
SS401693	0	2	IN	SS40032AE	BENZO(A)ANTHRACENE	56-55-3	360	94	ug/Kg	J	A
SS401893	0	2	IN	SS40034AE	BENZO(A)ANTHRACENE	56-55-3	380	120	ug/Kg	J	A
SS402393	0	2	IN	SS40039AE	BENZO(A)ANTHRACENE	56-55-3	380	130	ug/Kg	J	A
SS402593	0	2	IN	SS40041AE	BENZO(A)ANTHRACENE	56-55-3	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	BENZO(A)ANTHRACENE	56-55-3	370	420	ug/Kg		V
SS402893	0	2	IN	SS40044AE	BENZO(A)ANTHRACENE	56-55-3	350	110	ug/Kg	J	A
SS402993	0	2	IN	SS40045AE	BENZO(A)ANTHRACENE	56-55-3	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	BENZO(A)ANTHRACENE	56-55-3	700	160	ug/Kg	J	A
SS403193	0	2	IN	SS40047AE	BENZO(A)ANTHRACENE	56-55-3	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	BENZO(A)ANTHRACENE	56-55-3	440	100	ug/Kg	J	A
SS403393	0	2	IN	SS40049AE	BENZO(A)ANTHRACENE	56-55-3	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	BENZO(A)ANTHRACENE	56-55-3	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	BENZO(A)ANTHRACENE	56-55-3	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	BENZO(A)ANTHRACENE	56-55-3	390	160	ug/Kg	J	A
SS810893	0	3	IN	SSG0102JE	BENZO(A)ANTHRACENE	56-55-3	330	170	ug/Kg	J	A
SS811193	0	3	IN	SSG0105JE	BENZO(A)ANTHRACENE	56-55-3	330	430	ug/Kg		V
SS811493	0	3	IN	SSG0108JE	BENZO(A)ANTHRACENE	56-55-3	330	1100	ug/Kg		V
05093	0	2	IN	SS00002AE	BENZO(A)PYRENE	50-32-8	360	280	ug/Kg	J	Z
05193	0	2	IN	SS00003AE	BENZO(A)PYRENE	50-32-8	380	44	ug/Kg	J	A
05393	0	2	IN	SS00005AE	BENZO(A)PYRENE	50-32-8	360	51	ug/Kg	J	Z

238

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40093	0	2	IN	SS40060AE	BENZO(A)PYRENE	50-32-8	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	BENZO(A)PYRENE	50-32-8	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	BENZO(A)PYRENE	50-32-8	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	BENZO(A)PYRENE	50-32-8	600	550	ug/Kg	J	A
40793	0	2	IN	SS40058AE	BENZO(A)PYRENE	50-32-8	590	590	ug/Kg		J
40893	0	2	IN	SS40004AE	BENZO(A)PYRENE	50-32-8	330	88	ug/Kg	J	A
40993	0	2	IN	SS40072AE	BENZO(A)PYRENE	50-32-8	390	360	ug/Kg	J	A
41193	0	2	IN	SS40007AE	BENZO(A)PYRENE	50-32-8	500	180	ug/Kg	J	A
41293	0	2	IN	SS40071AE	BENZO(A)PYRENE	50-32-8	740	230	ug/Kg	J	A
41593	4	6	IN	SS40073AE	BENZO(A)PYRENE	50-32-8	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	BENZO(A)PYRENE	50-32-8	450	67	ug/Kg	J	A
41793	0	2	IN	SS40077AE	BENZO(A)PYRENE	50-32-8	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	BENZO(A)PYRENE	50-32-8	400	140	ug/Kg	J	
42093	0	2	IN	SS40480AE	BENZO(A)PYRENE	50-32-8	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	BENZO(A)PYRENE	50-32-8	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	BENZO(A)PYRENE	50-32-8	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	BENZO(A)PYRENE	50-32-8	360	240	ug/Kg	J	A
42593	4	6	IN	SS40082AE	BENZO(A)PYRENE	50-32-8	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	BENZO(A)PYRENE	50-32-8	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	BENZO(A)PYRENE	50-32-8	370	60	ug/Kg	J	A
43193	0	2	IN	SS40084AE	BENZO(A)PYRENE	50-32-8	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	BENZO(A)PYRENE	50-32-8	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	BENZO(A)PYRENE	50-32-8	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	BENZO(A)PYRENE	50-32-8	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	BENZO(A)PYRENE	50-32-8	380	57	ug/Kg	J	A
43893	0	2	IN	SS40010AE	BENZO(A)PYRENE	50-32-8	400	400	ug/Kg	U	A
43993	0	2	IN	SS40091AE	BENZO(A)PYRENE	50-32-8	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	BENZO(A)PYRENE	50-32-8	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	BENZO(A)PYRENE	50-32-8	380	72	ug/Kg	J	A
44893	0	2	IN	SS40070AE	BENZO(A)PYRENE	50-32-8	440	440	ug/Kg	U	J
45693	0	2	IN	SS40094AE	BENZO(A)PYRENE	50-32-8	480	200	ug/Kg	J	A
45793	0	2	IN	SS40015AE	BENZO(A)PYRENE	50-32-8	500	530	ug/Kg		V
46193	0	2	IN	SS40096AE	BENZO(A)PYRENE	50-32-8	420	87	ug/Kg	J	A
46693	4	6	IN	SS40141AE	BENZO(A)PYRENE	50-32-8	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	BENZO(A)PYRENE	50-32-8	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	BENZO(A)PYRENE	50-32-8	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	BENZO(A)PYRENE	50-32-8	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	BENZO(A)PYRENE	50-32-8	460	170	ug/Kg	J	A
SS400393	0	2	IN	SS40019AE	BENZO(A)PYRENE	50-32-8	350	230	ug/Kg	J	A
SS400593	0	2	IN	SS40021AE	BENZO(A)PYRENE	50-32-8	340	65	ug/Kg	J	A
SS400693	0	2	IN	SS40022AE	BENZO(A)PYRENE	50-32-8	360	45	ug/Kg	J	A
SS400793	0	2	IN	SS40023AE	BENZO(A)PYRENE	50-32-8	380	78	ug/Kg	J	A
SS400893	0	2	IN	SS40024AE	BENZO(A)PYRENE	50-32-8	460	63	ug/Kg	J	A
SS401193	0	2	IN	SS40027AE	BENZO(A)PYRENE	50-32-8	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	BENZO(A)PYRENE	50-32-8	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	BENZO(A)PYRENE	50-32-8	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	BENZO(A)PYRENE	50-32-8	430	350	ug/Kg	J	A
SS401693	0	2	IN	SS40032AE	BENZO(A)PYRENE	50-32-8	360	102	ug/Kg	J	A
SS401893	0	2	IN	SS40034AE	BENZO(A)PYRENE	50-32-8	380	150	ug/Kg	J	A
SS402393	0	2	IN	SS40039AE	BENZO(A)PYRENE	50-32-8	380	140	ug/Kg	J	A
SS402593	0	2	IN	SS40041AE	BENZO(A)PYRENE	50-32-8	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	BENZO(A)PYRENE	50-32-8	370	470	ug/Kg		V
SS402893	0	2	IN	SS40044AE	BENZO(A)PYRENE	50-32-8	350	130	ug/Kg	J	A
SS402993	0	2	IN	SS40045AE	BENZO(A)PYRENE	50-32-8	340	36	ug/Kg	J	A
SS403093	0	2	IN	SS40046AE	BENZO(A)PYRENE	50-32-8	700	180	ug/Kg	J	A
SS403193	0	2	IN	SS40047AE	BENZO(A)PYRENE	50-32-8	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	BENZO(A)PYRENE	50-32-8	440	110	ug/Kg	J	A
SS403393	0	2	IN	SS40049AE	BENZO(A)PYRENE	50-32-8	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	BENZO(A)PYRENE	50-32-8	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	BENZO(A)PYRENE	50-32-8	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	BENZO(A)PYRENE	50-32-8	390	200	ug/Kg	J	A
SS810893	0	3	IN	SSG0102JE	BENZO(A)PYRENE	50-32-8	330	210	ug/Kg	J	A
SS811193	0	3	IN	SSG0105JE	BENZO(A)PYRENE	50-32-8	330	510	ug/Kg		V
SS811493	0	3	IN	SSG0108JE	BENZO(A)PYRENE	50-32-8	330	1700	ug/Kg		V
05093	0	2	IN	SS00002AE	BENZO(B)FLUORANTHENE	205-99-2	360	520	ug/Kg	X	Z
05193	0	2	IN	SS00003AE	BENZO(B)FLUORANTHENE	205-99-2	380	57	ug/Kg	J	A
05393	0	2	IN	SS00005AE	BENZO(B)FLUORANTHENE	205-99-2	360	92	ug/Kg	JX	Z
40093	0	2	IN	SS40060AE	BENZO(B)FLUORANTHENE	205-99-2	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	BENZO(B)FLUORANTHENE	205-99-2	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	BENZO(B)FLUORANTHENE	205-99-2	440	70	ug/Kg	JX	A
40693	0	2	IN	SS40057AE	BENZO(B)FLUORANTHENE	205-99-2	600	890	ug/Kg	X	J
40793	0	2	IN	SS40058AE	BENZO(B)FLUORANTHENE	205-99-2	590	910	ug/Kg	X	J
40893	0	2	IN	SS40004AE	BENZO(B)FLUORANTHENE	205-99-2	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	BENZO(B)FLUORANTHENE	205-99-2	390	570	ug/Kg	X	J
41193	0	2	IN	SS40007AE	BENZO(B)FLUORANTHENE	205-99-2	500	270	ug/Kg	JX	A
41293	0	2	IN	SS40071AE	BENZO(B)FLUORANTHENE	205-99-2	740	370	ug/Kg	JX	A
41593	4	6	IN	SS40073AE	BENZO(B)FLUORANTHENE	205-99-2	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	BENZO(B)FLUORANTHENE	205-99-2	450	110	ug/Kg	JX	A

239

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41793	0	2	IN	SS40077AE	BENZO(B)FLUORANTHENE	205-99-2	390	180	ug/Kg	JX	
41993	0	2	IN	SS40009AE	BENZO(B)FLUORANTHENE	205-99-2	400	190	ug/Kg	JX	
42093	0	2	IN	SS40480AE	BENZO(B)FLUORANTHENE	205-99-2	350	40	ug/Kg	JX	A
42193	4	6	IN	SS40012AE	BENZO(B)FLUORANTHENE	205-99-2	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	BENZO(B)FLUORANTHENE	205-99-2	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	BENZO(B)FLUORANTHENE	205-99-2	360	370	ug/Kg	X	J
42593	4	6	IN	SS40082AE	BENZO(B)FLUORANTHENE	205-99-2	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	BENZO(B)FLUORANTHENE	205-99-2	520	130	ug/Kg	JX	A
42993	0	2	IN	SS40056AE	BENZO(B)FLUORANTHENE	205-99-2	370	100	ug/Kg	JX	A
43193	0	2	IN	SS40084AE	BENZO(B)FLUORANTHENE	205-99-2	360	110	ug/Kg	JX	
43393	4	6	IN	SS40087AE	BENZO(B)FLUORANTHENE	205-99-2	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	BENZO(B)FLUORANTHENE	205-99-2	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	BENZO(B)FLUORANTHENE	205-99-2	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	BENZO(B)FLUORANTHENE	205-99-2	380	100	ug/Kg	JX	A
43893	0	2	IN	SS40010AE	BENZO(B)FLUORANTHENE	205-99-2	400	230	ug/Kg	JX	A
43993	0	2	IN	SS40091AE	BENZO(B)FLUORANTHENE	205-99-2	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	BENZO(B)FLUORANTHENE	205-99-2	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	BENZO(B)FLUORANTHENE	205-99-2	380	110	ug/Kg	JX	A
44893	0	2	IN	SS40070AE	BENZO(B)FLUORANTHENE	205-99-2	440	440	ug/Kg	U	J
45693	0	2	IN	SS40094AE	BENZO(B)FLUORANTHENE	205-99-2	480	290	ug/Kg	JX	A
45793	0	2	IN	SS40015AE	BENZO(B)FLUORANTHENE	205-99-2	500	840	ug/Kg	X	J
46193	0	2	IN	SS40096AE	BENZO(B)FLUORANTHENE	205-99-2	420	140	ug/Kg	JX	A
46693	4	6	IN	SS40141AE	BENZO(B)FLUORANTHENE	205-99-2	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	BENZO(B)FLUORANTHENE	205-99-2	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	BENZO(B)FLUORANTHENE	205-99-2	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	BENZO(B)FLUORANTHENE	205-99-2	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	BENZO(B)FLUORANTHENE	205-99-2	460	280	ug/Kg	JX	A
SS400393	0	2	IN	SS40019AE	BENZO(B)FLUORANTHENE	205-99-2	350	350	ug/Kg	X	J
SS400593	0	2	IN	SS40021AE	BENZO(B)FLUORANTHENE	205-99-2	340	64	ug/Kg	J	A
SS400693	0	2	IN	SS40022AE	BENZO(B)FLUORANTHENE	205-99-2	360	64	ug/Kg	JX	A
SS400793	0	2	IN	SS40023AE	BENZO(B)FLUORANTHENE	205-99-2	380	120	ug/Kg	JX	A
SS400893	0	2	IN	SS40024AE	BENZO(B)FLUORANTHENE	205-99-2	460	94	ug/Kg	JX	A
SS401193	0	2	IN	SS40027AE	BENZO(B)FLUORANTHENE	205-99-2	480	76	ug/Kg	JX	A
SS401293	0	2	IN	SS40028AE	BENZO(B)FLUORANTHENE	205-99-2	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	BENZO(B)FLUORANTHENE	205-99-2	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	BENZO(B)FLUORANTHENE	205-99-2	430	530	ug/Kg	X	J
SS401693	0	2	IN	SS40032AE	BENZO(B)FLUORANTHENE	205-99-2	360	190	ug/Kg	JX	A
SS401893	0	2	IN	SS40034AE	BENZO(B)FLUORANTHENE	205-99-2	380	270	ug/Kg	JX	A
SS402393	0	2	IN	SS40039AE	BENZO(B)FLUORANTHENE	205-99-2	380	210	ug/Kg	JX	A
SS402593	0	2	IN	SS40041AE	BENZO(B)FLUORANTHENE	205-99-2	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	BENZO(B)FLUORANTHENE	205-99-2	370	540	ug/Kg		V
SS402893	0	2	IN	SS40044AE	BENZO(B)FLUORANTHENE	205-99-2	350	140	ug/Kg	J	A
SS402993	0	2	IN	SS40045AE	BENZO(B)FLUORANTHENE	205-99-2	340	32	ug/Kg	JX	A
SS403093	0	2	IN	SS40046AE	BENZO(B)FLUORANTHENE	205-99-2	700	160	ug/Kg	J	A
SS403193	0	2	IN	SS40047AE	BENZO(B)FLUORANTHENE	205-99-2	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	BENZO(B)FLUORANTHENE	205-99-2	440	100	ug/Kg	J	A
SS403393	0	2	IN	SS40049AE	BENZO(B)FLUORANTHENE	205-99-2	630	90	ug/Kg	JX	A
SS403493	0	2	IN	SS40050AE	BENZO(B)FLUORANTHENE	205-99-2	420	52	ug/Kg	JX	A
SS403593	0	2	IN	SS40051AE	BENZO(B)FLUORANTHENE	205-99-2	390	43	ug/Kg	JX	A
SS403693	0	2	IN	SS40052AE	BENZO(B)FLUORANTHENE	205-99-2	390	210	ug/Kg	J	A
SS810893	0	3	IN	SSG0102JE	BENZO(B)FLUORANTHENE	205-99-2	330	260	ug/Kg	J	A
SS811193	0	3	IN	SSG0105JE	BENZO(B)FLUORANTHENE	205-99-2	330	770	ug/Kg		V
SS811493	0	3	IN	SSG0108JE	BENZO(B)FLUORANTHENE	205-99-2	330	2400	ug/Kg		V
05093	0	2	IN	SS00002AE	BENZO(GHI)PERYLENE	191-24-2	360	190	ug/Kg	J	Z
05193	0	2	IN	SS00003AE	BENZO(GHI)PERYLENE	191-24-2	380	380	ug/Kg	U	J
05393	0	2	IN	SS00005AE	BENZO(GHI)PERYLENE	191-24-2	360	38	ug/Kg	J	Z
40093	0	2	IN	SS40060AE	BENZO(GHI)PERYLENE	191-24-2	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	BENZO(GHI)PERYLENE	191-24-2	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	BENZO(GHI)PERYLENE	191-24-2	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	BENZO(GHI)PERYLENE	191-24-2	600	410	ug/Kg	J	A
40793	0	2	IN	SS40058AE	BENZO(GHI)PERYLENE	191-24-2	590	400	ug/Kg	J	A
40893	0	2	IN	SS40004AE	BENZO(GHI)PERYLENE	191-24-2	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	BENZO(GHI)PERYLENE	191-24-2	390	260	ug/Kg	J	A
41193	0	2	IN	SS40007AE	BENZO(GHI)PERYLENE	191-24-2	500	120	ug/Kg	J	A
41293	0	2	IN	SS40071AE	BENZO(GHI)PERYLENE	191-24-2	740	740	ug/Kg	U	J
41593	4	6	IN	SS40073AE	BENZO(GHI)PERYLENE	191-24-2	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	BENZO(GHI)PERYLENE	191-24-2	450	55	ug/Kg	J	A
41793	0	2	IN	SS40077AE	BENZO(GHI)PERYLENE	191-24-2	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	BENZO(GHI)PERYLENE	191-24-2	400	103	ug/Kg	J	
42093	0	2	IN	SS40480AE	BENZO(GHI)PERYLENE	191-24-2	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	BENZO(GHI)PERYLENE	191-24-2	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	BENZO(GHI)PERYLENE	191-24-2	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	BENZO(GHI)PERYLENE	191-24-2	360	200	ug/Kg	J	A
42593	4	6	IN	SS40082AE	BENZO(GHI)PERYLENE	191-24-2	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	BENZO(GHI)PERYLENE	191-24-2	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	BENZO(GHI)PERYLENE	191-24-2	370	55	ug/Kg	J	A
43193	0	2	IN	SS40084AE	BENZO(GHI)PERYLENE	191-24-2	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	BENZO(GHI)PERYLENE	191-24-2	350	350	ug/Kg	U	V

240

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43493	0	2	IN	SS40086AE	BENZO(GHI)PERYLENE	191-24-2	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	BENZO(GHI)PERYLENE	191-24-2	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	BENZO(GHI)PERYLENE	191-24-2	380	54	ug/Kg	J	A
43893	0	2	IN	SS40010AE	BENZO(GHI)PERYLENE	191-24-2	400	87	ug/Kg	J	A
43993	0	2	IN	SS40091AE	BENZO(GHI)PERYLENE	191-24-2	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	BENZO(GHI)PERYLENE	191-24-2	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	BENZO(GHI)PERYLENE	191-24-2	380	81	ug/Kg	J	A
44893	0	2	IN	SS40070AE	BENZO(GHI)PERYLENE	191-24-2	440	440	ug/Kg	U	J
45693	0	2	IN	SS40094AE	BENZO(GHI)PERYLENE	191-24-2	480	160	ug/Kg	J	A
45793	0	2	IN	SS40015AE	BENZO(GHI)PERYLENE	191-24-2	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	BENZO(GHI)PERYLENE	191-24-2	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	BENZO(GHI)PERYLENE	191-24-2	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	BENZO(GHI)PERYLENE	191-24-2	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	BENZO(GHI)PERYLENE	191-24-2	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	BENZO(GHI)PERYLENE	191-24-2	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	BENZO(GHI)PERYLENE	191-24-2	460	110	ug/Kg	J	A
SS400393	0	2	IN	SS40019AE	BENZO(GHI)PERYLENE	191-24-2	350	210	ug/Kg	J	A
SS400593	0	2	IN	SS40021AE	BENZO(GHI)PERYLENE	191-24-2	340	70	ug/Kg	J	A
SS400693	0	2	IN	SS40022AE	BENZO(GHI)PERYLENE	191-24-2	360	360	ug/Kg	U	J
SS400793	0	2	IN	SS40023AE	BENZO(GHI)PERYLENE	191-24-2	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	BENZO(GHI)PERYLENE	191-24-2	460	58	ug/Kg	J	A
SS401193	0	2	IN	SS40027AE	BENZO(GHI)PERYLENE	191-24-2	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	BENZO(GHI)PERYLENE	191-24-2	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	BENZO(GHI)PERYLENE	191-24-2	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	BENZO(GHI)PERYLENE	191-24-2	430	240	ug/Kg	J	A
SS401693	0	2	IN	SS40032AE	BENZO(GHI)PERYLENE	191-24-2	360	80	ug/Kg	J	A
SS401893	0	2	IN	SS40034AE	BENZO(GHI)PERYLENE	191-24-2	380	130	ug/Kg	J	A
SS402393	0	2	IN	SS40039AE	BENZO(GHI)PERYLENE	191-24-2	380	76	ug/Kg	J	A
SS402593	0	2	IN	SS40041AE	BENZO(GHI)PERYLENE	191-24-2	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	BENZO(GHI)PERYLENE	191-24-2	370	330	ug/Kg	J	A
SS402893	0	2	IN	SS40044AE	BENZO(GHI)PERYLENE	191-24-2	350	140	ug/Kg	J	A
SS402993	0	2	IN	SS40045AE	BENZO(GHI)PERYLENE	191-24-2	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	BENZO(GHI)PERYLENE	191-24-2	700	130	ug/Kg	J	A
SS403193	0	2	IN	SS40047AE	BENZO(GHI)PERYLENE	191-24-2	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	BENZO(GHI)PERYLENE	191-24-2	440	84	ug/Kg	J	A
SS403393	0	2	IN	SS40049AE	BENZO(GHI)PERYLENE	191-24-2	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	BENZO(GHI)PERYLENE	191-24-2	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	BENZO(GHI)PERYLENE	191-24-2	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	BENZO(GHI)PERYLENE	191-24-2	390	170	ug/Kg	J	A
SS810893	0	3	IN	SSG0102JE	BENZO(GHI)PERYLENE	191-24-2	330	130	ug/Kg	J	A
SS811193	0	3	IN	SSG0105JE	BENZO(GHI)PERYLENE	191-24-2	330	170	ug/Kg	J	A
SS811493	0	3	IN	SSG0108JE	BENZO(GHI)PERYLENE	191-24-2	330	680	ug/Kg		V
05093	0	2	IN	SS00002AE	BENZO(K)FLUORANTHENE	207-08-9	360	620	ug/Kg	X	Z
05193	0	2	IN	SS00003AE	BENZO(K)FLUORANTHENE	207-08-9	380	44	ug/Kg	J	A
05393	0	2	IN	SS00005AE	BENZO(K)FLUORANTHENE	207-08-9	360	110	ug/Kg	JX	Z
40093	0	2	IN	SS40060AE	BENZO(K)FLUORANTHENE	207-08-9	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	BENZO(K)FLUORANTHENE	207-08-9	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	BENZO(K)FLUORANTHENE	207-08-9	440	85	ug/Kg	JX	A
40693	0	2	IN	SS40057AE	BENZO(K)FLUORANTHENE	207-08-9	600	1100	ug/Kg	X	J
40793	0	2	IN	SS40058AE	BENZO(K)FLUORANTHENE	207-08-9	590	1100	ug/Kg	X	J
40893	0	2	IN	SS40004AE	BENZO(K)FLUORANTHENE	207-08-9	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	BENZO(K)FLUORANTHENE	207-08-9	390	700	ug/Kg	X	J
41193	0	2	IN	SS40007AE	BENZO(K)FLUORANTHENE	207-08-9	500	330	ug/Kg	JX	A
41293	0	2	IN	SS40071AE	BENZO(K)FLUORANTHENE	207-08-9	740	460	ug/Kg	JX	A
41593	4	6	IN	SS40073AE	BENZO(K)FLUORANTHENE	207-08-9	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	BENZO(K)FLUORANTHENE	207-08-9	450	140	ug/Kg	JX	A
41793	0	2	IN	SS40077AE	BENZO(K)FLUORANTHENE	207-08-9	390	180	ug/Kg	JX	
41993	0	2	IN	SS40009AE	BENZO(K)FLUORANTHENE	207-08-9	400	280	ug/Kg	JX	
42093	0	2	IN	SS40480AE	BENZO(K)FLUORANTHENE	207-08-9	350	59	ug/Kg	JX	A
42193	4	6	IN	SS40012AE	BENZO(K)FLUORANTHENE	207-08-9	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	BENZO(K)FLUORANTHENE	207-08-9	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	BENZO(K)FLUORANTHENE	207-08-9	360	450	ug/Kg	X	J
42593	4	6	IN	SS40082AE	BENZO(K)FLUORANTHENE	207-08-9	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	BENZO(K)FLUORANTHENE	207-08-9	520	150	ug/Kg	JX	A
42993	0	2	IN	SS40056AE	BENZO(K)FLUORANTHENE	207-08-9	370	150	ug/Kg	JX	A
43193	0	2	IN	SS40084AE	BENZO(K)FLUORANTHENE	207-08-9	360	100	ug/Kg	JX	
43393	4	6	IN	SS40087AE	BENZO(K)FLUORANTHENE	207-08-9	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	BENZO(K)FLUORANTHENE	207-08-9	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	BENZO(K)FLUORANTHENE	207-08-9	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	BENZO(K)FLUORANTHENE	207-08-9	380	130	ug/Kg	JX	A
43893	0	2	IN	SS40010AE	BENZO(K)FLUORANTHENE	207-08-9	400	220	ug/Kg	JX	A
43993	0	2	IN	SS40091AE	BENZO(K)FLUORANTHENE	207-08-9	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	BENZO(K)FLUORANTHENE	207-08-9	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	BENZO(K)FLUORANTHENE	207-08-9	380	160	ug/Kg	JX	A
44893	0	2	IN	SS40070AE	BENZO(K)FLUORANTHENE	207-08-9	440	440	ug/Kg	U	J
45693	0	2	IN	SS40094AE	BENZO(K)FLUORANTHENE	207-08-9	480	340	ug/Kg	JX	A
45793	0	2	IN	SS40015AE	BENZO(K)FLUORANTHENE	207-08-9	500	970	ug/Kg	X	J
46193	0	2	IN	SS40096AE	BENZO(K)FLUORANTHENE	207-08-9	420	170	ug/Kg	JX	A

241

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46693	4	6	IN	SS40141AE	BENZO(K)FLUORANTHENE	207-08-9	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	BENZO(K)FLUORANTHENE	207-08-9	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	BENZO(K)FLUORANTHENE	207-08-9	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	BENZO(K)FLUORANTHENE	207-08-9	330	370	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	BENZO(K)FLUORANTHENE	207-08-9	350	430	ug/Kg	X	J
SS400593	0	2	IN	SS40021AE	BENZO(K)FLUORANTHENE	207-08-9	340	42	ug/Kg	J	A
SS400693	0	2	IN	SS40022AE	BENZO(K)FLUORANTHENE	207-08-9	360	78	ug/Kg	JX	A
SS400893	0	2	IN	SS40024AE	BENZO(K)FLUORANTHENE	207-08-9	460	110	ug/Kg	JX	A
SS401193	0	2	IN	SS40027AE	BENZO(K)FLUORANTHENE	207-08-9	480	86	ug/Kg	JX	A
SS401293	0	2	IN	SS40028AE	BENZO(K)FLUORANTHENE	207-08-9	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	BENZO(K)FLUORANTHENE	207-08-9	470	470	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	BENZO(K)FLUORANTHENE	207-08-9	360	210	ug/Kg	JX	A
SS401893	0	2	IN	SS40034AE	BENZO(K)FLUORANTHENE	207-08-9	380	300	ug/Kg	JX	A
SS402393	0	2	IN	SS40039AE	BENZO(K)FLUORANTHENE	207-08-9	380	240	ug/Kg	JX	A
SS402593	0	2	IN	SS40041AE	BENZO(K)FLUORANTHENE	207-08-9	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	BENZO(K)FLUORANTHENE	207-08-9	370	280	ug/Kg	J	A
SS402893	0	2	IN	SS40044AE	BENZO(K)FLUORANTHENE	207-08-9	350	81	ug/Kg	J	A
SS402993	0	2	IN	SS40045AE	BENZO(K)FLUORANTHENE	207-08-9	340	32	ug/Kg	JX	A
SS403093	0	2	IN	SS40046AE	BENZO(K)FLUORANTHENE	207-08-9	700	110	ug/Kg	J	A
SS403193	0	2	IN	SS40047AE	BENZO(K)FLUORANTHENE	207-08-9	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	BENZO(K)FLUORANTHENE	207-08-9	440	75	ug/Kg	J	A
SS403393	0	2	IN	SS40049AE	BENZO(K)FLUORANTHENE	207-08-9	630	110	ug/Kg	JX	A
SS403493	0	2	IN	SS40050AE	BENZO(K)FLUORANTHENE	207-08-9	420	62	ug/Kg	JX	A
SS403593	0	2	IN	SS40051AE	BENZO(K)FLUORANTHENE	207-08-9	390	50	ug/Kg	JX	A
SS403693	0	2	IN	SS40052AE	BENZO(K)FLUORANTHENE	207-08-9	390	130	ug/Kg	J	A
SS810893	0	3	IN	SSG0102JE	BENZO(K)FLUORANTHENE	207-08-9	330	90	ug/Kg	J	A
SS811193	0	3	IN	SSG0105JE	BENZO(K)FLUORANTHENE	207-08-9	330	250	ug/Kg	J	A
SS811493	0	3	IN	SSG0108JE	BENZO(K)FLUORANTHENE	207-08-9	330	780	ug/Kg		V
05093	0	2	IN	SS00002AE	BENZOIC ACID	65-85-0	1800	1800	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	BENZOIC ACID	65-85-0	1900	1900	ug/Kg	U	V
05393	0	2	IN	SS00005AE	BENZOIC ACID	65-85-0	1800	1800	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	BENZOIC ACID	65-85-0	2400	2400	ug/Kg	U	V
40293	0	2	IN	SS40042AE	BENZOIC ACID	65-85-0	2200	2200	ug/Kg	U	V
40393	0	2	IN	SS40053AE	BENZOIC ACID	65-85-0	2200	2200	ug/Kg	U	V
40693	0	2	IN	SS40057AE	BENZOIC ACID	65-85-0	3000	3000	ug/Kg	U	V
40793	0	2	IN	SS40058AE	BENZOIC ACID	65-85-0	2900	2900	ug/Kg	U	V
40893	0	2	IN	SS40004AE	BENZOIC ACID	65-85-0	1600	1900	ug/Kg	U	V
40993	0	2	IN	SS40072AE	BENZOIC ACID	65-85-0	2000	2000	ug/Kg	U	V
41193	0	2	IN	SS40007AE	BENZOIC ACID	65-85-0	2500	2500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	BENZOIC ACID	65-85-0	3700	3700	ug/Kg	U	V
41693	0	2	IN	SS40410AE	BENZOIC ACID	65-85-0	2200	2200	ug/Kg	U	V
41793	0	2	IN	SS40077AE	BENZOIC ACID	65-85-0	1900	1900	ug/Kg	U	
41993	0	2	IN	SS40009AE	BENZOIC ACID	65-85-0	2000	2000	ug/Kg	U	
42093	0	2	IN	SS40480AE	BENZOIC ACID	65-85-0	1700	1700	ug/Kg	U	V
42293	0	2	IN	SS40078AE	BENZOIC ACID	65-85-0	1900	1900	ug/Kg	U	J
42393	0	2	IN	SS40079AE	BENZOIC ACID	65-85-0	1800	1800	ug/Kg	U	V
42693	0	2	IN	SS40080AE	BENZOIC ACID	65-85-0	2600	2600	ug/Kg	U	J
42993	0	2	IN	SS40056AE	BENZOIC ACID	65-85-0	1800	1800	ug/Kg	U	V
43193	0	2	IN	SS40084AE	BENZOIC ACID	65-85-0	1800	1800	ug/Kg	U	
43493	0	2	IN	SS40086AE	BENZOIC ACID	65-85-0	1900	1900	ug/Kg	U	J
43793	0	2	IN	SS40088AE	BENZOIC ACID	65-85-0	1900	1900	ug/Kg	U	V
43893	0	2	IN	SS40010AE	BENZOIC ACID	65-85-0	2000	2000	ug/Kg	U	V
43993	0	2	IN	SS40091AE	BENZOIC ACID	65-85-0	1900	1900	ug/Kg	U	V
44093	0	2	IN	SS40090AE	BENZOIC ACID	65-85-0	2000	2000	ug/Kg	U	
44393	0	2	IN	SS40005AE	BENZOIC ACID	65-85-0	1900	1900	ug/Kg	U	V
44893	0	2	IN	SS40070AE	BENZOIC ACID	65-85-0	2200	2200	ug/Kg	U	V
45693	0	2	IN	SS40094AE	BENZOIC ACID	65-85-0	2400	2400	ug/Kg	U	V
45793	0	2	IN	SS40015AE	BENZOIC ACID	65-85-0	2500	2500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	BENZOIC ACID	65-85-0	2100	2100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	BENZOIC ACID	65-85-0	1600	1800	ug/Kg	U	V
46793	4	6	IN	SS40142AE	BENZOIC ACID	65-85-0	1600	1800	ug/Kg	U	V
46893	4	6	IN	SS40143AE	BENZOIC ACID	65-85-0	1600	1800	ug/Kg	U	V
47093	0	1	IN	SS40145AE	BENZOIC ACID	65-85-0	1600	1800	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	BENZOIC ACID	65-85-0	2300	2300	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	BENZOIC ACID	65-85-0	1700	1700	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	BENZOIC ACID	65-85-0	1700	1700	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	BENZOIC ACID	65-85-0	1800	1800	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	BENZOIC ACID	65-85-0	1900	1900	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	BENZOIC ACID	65-85-0	2300	2300	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	BENZOIC ACID	65-85-0	2400	2400	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	BENZOIC ACID	65-85-0	1800	1800	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	BENZOIC ACID	65-85-0	2400	2400	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	BENZOIC ACID	65-85-0	2200	2200	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	BENZOIC ACID	65-85-0	1800	1800	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	BENZOIC ACID	65-85-0	1900	1900	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	BENZOIC ACID	65-85-0	1900	1900	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	BENZOIC ACID	65-85-0	2200	2200	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	BENZOIC ACID	65-85-0	1800	1800	ug/Kg	U	V

242

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS402893	0	2	IN	SS40044AE	BENZOIC ACID	65-85-0	1800	1800	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	BENZOIC ACID	65-85-0	1700	1700	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	BENZOIC ACID	65-85-0	3500	3500	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	BENZOIC ACID	65-85-0	2300	2300	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	BENZOIC ACID	65-85-0	2200	2200	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	BENZOIC ACID	65-85-0	3100	3100	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	BENZOIC ACID	65-85-0	2100	2100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	BENZOIC ACID	65-85-0	2000	2000	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	BENZOIC ACID	65-85-0	1900	1900	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	BENZOIC ACID	65-85-0	1600	1700	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	BENZOIC ACID	65-85-0	1600	1700	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	BENZOIC ACID	65-85-0	1600	1800	ug/Kg	U	V
05093	0	2	IN	SS00002AE	BENZYL ALCOHOL	100-51-6	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	BENZYL ALCOHOL	100-51-6	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	BENZYL ALCOHOL	100-51-6	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	BENZYL ALCOHOL	100-51-6	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	BENZYL ALCOHOL	100-51-6	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	BENZYL ALCOHOL	100-51-6	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	BENZYL ALCOHOL	100-51-6	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	BENZYL ALCOHOL	100-51-6	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	BENZYL ALCOHOL	100-51-6	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	BENZYL ALCOHOL	100-51-6	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	BENZYL ALCOHOL	100-51-6	500	500	ug/Kg	U	A
41293	0	2	IN	SS40071AE	BENZYL ALCOHOL	100-51-6	740	740	ug/Kg	U	V
41693	0	2	IN	SS40410AE	BENZYL ALCOHOL	100-51-6	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	BENZYL ALCOHOL	100-51-6	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	BENZYL ALCOHOL	100-51-6	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	BENZYL ALCOHOL	100-51-6	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	BENZYL ALCOHOL	100-51-6	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	BENZYL ALCOHOL	100-51-6	360	360	ug/Kg	U	V
42693	0	2	IN	SS40080AE	BENZYL ALCOHOL	100-51-6	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	BENZYL ALCOHOL	100-51-6	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	BENZYL ALCOHOL	100-51-6	360	360	ug/Kg	U	
43493	0	2	IN	SS40086AE	BENZYL ALCOHOL	100-51-6	380	380	ug/Kg	U	J
43793	0	2	IN	SS40088AE	BENZYL ALCOHOL	100-51-6	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	BENZYL ALCOHOL	100-51-6	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	BENZYL ALCOHOL	100-51-6	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	BENZYL ALCOHOL	100-51-6	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	BENZYL ALCOHOL	100-51-6	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	BENZYL ALCOHOL	100-51-6	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	BENZYL ALCOHOL	100-51-6	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	BENZYL ALCOHOL	100-51-6	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	BENZYL ALCOHOL	100-51-6	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	BENZYL ALCOHOL	100-51-6	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	BENZYL ALCOHOL	100-51-6	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	BENZYL ALCOHOL	100-51-6	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	BENZYL ALCOHOL	100-51-6	330	370	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	BENZYL ALCOHOL	100-51-6	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	BENZYL ALCOHOL	100-51-6	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	BENZYL ALCOHOL	100-51-6	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	BENZYL ALCOHOL	100-51-6	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	BENZYL ALCOHOL	100-51-6	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	BENZYL ALCOHOL	100-51-6	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	BENZYL ALCOHOL	100-51-6	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	BENZYL ALCOHOL	100-51-6	470	470	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	BENZYL ALCOHOL	100-51-6	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	BENZYL ALCOHOL	100-51-6	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	BENZYL ALCOHOL	100-51-6	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	BENZYL ALCOHOL	100-51-6	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	BENZYL ALCOHOL	100-51-6	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	BENZYL ALCOHOL	100-51-6	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	BENZYL ALCOHOL	100-51-6	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	BENZYL ALCOHOL	100-51-6	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	BENZYL ALCOHOL	100-51-6	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	BENZYL ALCOHOL	100-51-6	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	BENZYL ALCOHOL	100-51-6	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	BENZYL ALCOHOL	100-51-6	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	BENZYL ALCOHOL	100-51-6	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	BENZYL ALCOHOL	100-51-6	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	BENZYL ALCOHOL	100-51-6	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	BENZYL ALCOHOL	100-51-6	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	BENZYL ALCOHOL	100-51-6	330	380	ug/Kg	U	V
05193	0	2	IN	SS00003AE	BETA-BHC	319-85-7	9	9	ug/Kg	U	V
05393	0	2	IN	SS00005AE	BETA-BHC	319-85-7	8.7	8.7	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	BETA-BHC	319-85-7	11	11	ug/Kg	U	V
40293	0	2	IN	SS40042AE	BETA-BHC	319-85-7	11	11	ug/Kg	U	V
40393	0	2	IN	SS40053AE	BETA-BHC	319-85-7	11	11	ug/Kg	U	V
40693	0	2	IN	SS40057AE	BETA-BHC	319-85-7	14	14	ug/Kg	U	V

243

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40793	0	2	IN	SS40058AE	BETA-BHC	319-85-7	14	14	ug/Kg	U	V
40893	0	2	IN	SS40004AE	BETA-BHC	319-85-7	8	9.6	ug/Kg	U	V
40993	0	2	IN	SS40072AE	BETA-BHC	319-85-7	9.4	9.4	ug/Kg	U	V
41193	0	2	IN	SS40007AE	BETA-BHC	319-85-7	12	12	ug/Kg	U	V
41293	0	2	IN	SS40071AE	BETA-BHC	319-85-7	18	18	ug/Kg	U	V
41593	4	6	IN	SS40073AE	BETA-BHC	319-85-7	8.4	8.4	ug/Kg	U	V
41693	0	2	IN	SS40410AE	BETA-BHC	319-85-7	11	11	ug/Kg	U	V
41793	0	2	IN	SS40077AE	BETA-BHC	319-85-7	9.3	9.3	ug/Kg	U	V
41993	0	2	IN	SS40009AE	BETA-BHC	319-85-7	9.5	9.5	ug/Kg	U	V
42093	0	2	IN	SS40480AE	BETA-BHC	319-85-7	8.3	8.3	ug/Kg	U	V
42193	4	6	IN	SS40012AE	BETA-BHC	319-85-7	8.3	8.3	ug/Kg	U	J
42393	0	2	IN	SS40079AE	BETA-BHC	319-85-7	8.6	8.6	ug/Kg	U	V
42693	0	2	IN	SS40080AE	BETA-BHC	319-85-7	13	13	ug/Kg	U	V
42993	0	2	IN	SS40056AE	BETA-BHC	319-85-7	8.9	8.9	ug/Kg	U	V
43393	4	6	IN	SS40087AE	BETA-BHC	319-85-7	8.4	8.4	ug/Kg	U	V
43693	4	6	IN	SS40089AE	BETA-BHC	319-85-7	8.4	8.4	ug/Kg	U	V
43793	0	2	IN	SS40088AE	BETA-BHC	319-85-7	9.1	9.1	ug/Kg	U	V
43893	0	2	IN	SS40010AE	BETA-BHC	319-85-7	9.6	9.6	ug/Kg	U	V
43993	0	2	IN	SS40091AE	BETA-BHC	319-85-7	9.2	9.2	ug/Kg	U	V
44093	0	2	IN	SS40090AE	BETA-BHC	319-85-7	9.6	9.6	ug/Kg	U	V
44393	0	2	IN	SS40005AE	BETA-BHC	319-85-7	9	9	ug/Kg	U	V
44893	0	2	IN	SS40070AE	BETA-BHC	319-85-7	10	10	ug/Kg	U	V
45693	0	2	IN	SS40094AE	BETA-BHC	319-85-7	11	11	ug/Kg	U	V
45793	0	2	IN	SS40015AE	BETA-BHC	319-85-7	12	12	ug/Kg	U	V
46193	0	2	IN	SS40096AE	BETA-BHC	319-85-7	10	10	ug/Kg	U	V
46693	4	6	IN	SS40141AE	BETA-BHC	319-85-7	8	8.7	ug/Kg	U	V
46793	4	6	IN	SS40142AE	BETA-BHC	319-85-7	8	8.9	ug/Kg	U	V
46893	4	6	IN	SS40143AE	BETA-BHC	319-85-7	8	8.9	ug/Kg	U	V
47093	0	1	IN	SS40145AE	BETA-BHC	319-85-7	8	9.1	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	BETA-BHC	319-85-7	11	11	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	BETA-BHC	319-85-7	8.3	8.3	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	BETA-BHC	319-85-7	8.2	8.2	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	BETA-BHC	319-85-7	8.7	8.7	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	BETA-BHC	319-85-7	9.1	9.1	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	BETA-BHC	319-85-7	11	11	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	BETA-BHC	319-85-7	12	12	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	BETA-BHC	319-85-7	8.7	8.7	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	BETA-BHC	319-85-7	11	11	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	BETA-BHC	319-85-7	10	10	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	BETA-BHC	319-85-7	8.5	8.5	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	BETA-BHC	319-85-7	9	9	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	BETA-BHC	319-85-7	9.2	9.2	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	BETA-BHC	319-85-7	11	11	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	BETA-BHC	319-85-7	8.8	8.8	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	BETA-BHC	319-85-7	8.5	8.5	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	BETA-BHC	319-85-7	8.2	8.2	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	BETA-BHC	319-85-7	17	17	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	BETA-BHC	319-85-7	11	11	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	BETA-BHC	319-85-7	11	11	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	BETA-BHC	319-85-7	15	15	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	BETA-BHC	319-85-7	10	10	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	BETA-BHC	319-85-7	9.4	9.4	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	BETA-BHC	319-85-7	9.4	9.4	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	BETA-BHC	319-85-7	8	9	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	BETA-BHC	319-85-7	8	10	ug/Kg	U	V
05193	0	2	IN	SS00003AE	BETA-CHLORDANE	5103-74-2	90	90	ug/Kg	U	V
05393	0	2	IN	SS00005AE	BETA-CHLORDANE	5103-74-2	87	87	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	BETA-CHLORDANE	5103-74-2	110	110	ug/Kg	U	V
40293	0	2	IN	SS40042AE	BETA-CHLORDANE	5103-74-2	110	110	ug/Kg	U	V
40393	0	2	IN	SS40053AE	BETA-CHLORDANE	5103-74-2	110	110	ug/Kg	U	V
40693	0	2	IN	SS40057AE	BETA-CHLORDANE	5103-74-2	140	140	ug/Kg	U	V
40793	0	2	IN	SS40058AE	BETA-CHLORDANE	5103-74-2	140	140	ug/Kg	U	V
40893	0	2	IN	SS40004AE	BETA-CHLORDANE	5103-74-2	80	96	ug/Kg	U	V
40993	0	2	IN	SS40072AE	BETA-CHLORDANE	5103-74-2	94	94	ug/Kg	U	V
41193	0	2	IN	SS40007AE	BETA-CHLORDANE	5103-74-2	120	120	ug/Kg	U	V
41293	0	2	IN	SS40071AE	BETA-CHLORDANE	5103-74-2	180	180	ug/Kg	U	V
41593	4	6	IN	SS40073AE	BETA-CHLORDANE	5103-74-2	84	84	ug/Kg	U	V
41693	0	2	IN	SS40410AE	BETA-CHLORDANE	5103-74-2	110	110	ug/Kg	U	V
41793	0	2	IN	SS40077AE	BETA-CHLORDANE	5103-74-2	93	93	ug/Kg	U	V
41993	0	2	IN	SS40009AE	BETA-CHLORDANE	5103-74-2	95	95	ug/Kg	U	V
42093	0	2	IN	SS40480AE	BETA-CHLORDANE	5103-74-2	83	83	ug/Kg	U	V
42193	4	6	IN	SS40012AE	BETA-CHLORDANE	5103-74-2	83	83	ug/Kg	U	J
42393	0	2	IN	SS40079AE	BETA-CHLORDANE	5103-74-2	86	86	ug/Kg	U	V
42693	0	2	IN	SS40080AE	BETA-CHLORDANE	5103-74-2	130	130	ug/Kg	U	V
42993	0	2	IN	SS40056AE	BETA-CHLORDANE	5103-74-2	89	89	ug/Kg	U	V
43393	4	6	IN	SS40087AE	BETA-CHLORDANE	5103-74-2	84	84	ug/Kg	U	V
43693	4	6	IN	SS40089AE	BETA-CHLORDANE	5103-74-2	84	84	ug/Kg	U	V
43793	0	2	IN	SS40088AE	BETA-CHLORDANE	5103-74-2	91	91	ug/Kg	U	V

244

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43893	0	2	IN	SS40010AE	BETA-CHLORDANE	5103-74-2	96	96	ug/Kg	U	V
43993	0	2	IN	SS40091AE	BETA-CHLORDANE	5103-74-2	92	92	ug/Kg	U	V
44093	0	2	IN	SS40090AE	BETA-CHLORDANE	5103-74-2	96	96	ug/Kg	U	V
44393	0	2	IN	SS40005AE	BETA-CHLORDANE	5103-74-2	90	90	ug/Kg	U	V
44893	0	2	IN	SS40070AE	BETA-CHLORDANE	5103-74-2	100	100	ug/Kg	U	V
45693	0	2	IN	SS40094AE	BETA-CHLORDANE	5103-74-2	110	110	ug/Kg	U	V
45793	0	2	IN	SS40015AE	BETA-CHLORDANE	5103-74-2	120	120	ug/Kg	U	V
46193	0	2	IN	SS40096AE	BETA-CHLORDANE	5103-74-2	100	100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	BETA-CHLORDANE	5103-74-2	80	87	ug/Kg	U	V
46793	4	6	IN	SS40142AE	BETA-CHLORDANE	5103-74-2	80	89	ug/Kg	U	V
46893	4	6	IN	SS40143AE	BETA-CHLORDANE	5103-74-2	80	89	ug/Kg	U	V
47093	0	1	IN	SS40145AE	BETA-CHLORDANE	5103-74-2	80	91	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	BETA-CHLORDANE	5103-74-2	110	110	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	BETA-CHLORDANE	5103-74-2	83	83	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	BETA-CHLORDANE	5103-74-2	82	82	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	BETA-CHLORDANE	5103-74-2	87	87	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	BETA-CHLORDANE	5103-74-2	91	91	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	BETA-CHLORDANE	5103-74-2	110	110	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	BETA-CHLORDANE	5103-74-2	120	120	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	BETA-CHLORDANE	5103-74-2	87	87	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	BETA-CHLORDANE	5103-74-2	110	110	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	BETA-CHLORDANE	5103-74-2	100	100	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	BETA-CHLORDANE	5103-74-2	85	85	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	BETA-CHLORDANE	5103-74-2	90	90	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	BETA-CHLORDANE	5103-74-2	92	92	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	BETA-CHLORDANE	5103-74-2	110	110	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	BETA-CHLORDANE	5103-74-2	88	88	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	BETA-CHLORDANE	5103-74-2	85	85	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	BETA-CHLORDANE	5103-74-2	82	82	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	BETA-CHLORDANE	5103-74-2	170	170	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	BETA-CHLORDANE	5103-74-2	110	110	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	BETA-CHLORDANE	5103-74-2	110	110	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	BETA-CHLORDANE	5103-74-2	150	150	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	BETA-CHLORDANE	5103-74-2	100	100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	BETA-CHLORDANE	5103-74-2	94	94	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	BETA-CHLORDANE	5103-74-2	94	94	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	BETA-CHLORDANE	5103-74-2	80	90	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	BETA-CHLORDANE	5103-74-2	80	100	ug/Kg	U	V
05093	0	2	IN	SS00002AE	BIS(2-CHLORETHYL)ETHER	111-44-4	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	BIS(2-CHLORETHYL)ETHER	111-44-4	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	BIS(2-CHLORETHYL)ETHER	111-44-4	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	BIS(2-CHLORETHYL)ETHER	111-44-4	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	BIS(2-CHLORETHYL)ETHER	111-44-4	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	BIS(2-CHLORETHYL)ETHER	111-44-4	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	BIS(2-CHLORETHYL)ETHER	111-44-4	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	BIS(2-CHLORETHYL)ETHER	111-44-4	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	BIS(2-CHLORETHYL)ETHER	111-44-4	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	BIS(2-CHLORETHYL)ETHER	111-44-4	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	BIS(2-CHLORETHYL)ETHER	111-44-4	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	BIS(2-CHLORETHYL)ETHER	111-44-4	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	BIS(2-CHLORETHYL)ETHER	111-44-4	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	BIS(2-CHLORETHYL)ETHER	111-44-4	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	BIS(2-CHLORETHYL)ETHER	111-44-4	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	BIS(2-CHLORETHYL)ETHER	111-44-4	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	BIS(2-CHLORETHYL)ETHER	111-44-4	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	BIS(2-CHLORETHYL)ETHER	111-44-4	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	BIS(2-CHLORETHYL)ETHER	111-44-4	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	BIS(2-CHLORETHYL)ETHER	111-44-4	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	BIS(2-CHLORETHYL)ETHER	111-44-4	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	BIS(2-CHLORETHYL)ETHER	111-44-4	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	BIS(2-CHLORETHYL)ETHER	111-44-4	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	BIS(2-CHLORETHYL)ETHER	111-44-4	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	BIS(2-CHLORETHYL)ETHER	111-44-4	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	BIS(2-CHLORETHYL)ETHER	111-44-4	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	BIS(2-CHLORETHYL)ETHER	111-44-4	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	BIS(2-CHLORETHYL)ETHER	111-44-4	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	BIS(2-CHLORETHYL)ETHER	111-44-4	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	BIS(2-CHLORETHYL)ETHER	111-44-4	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	BIS(2-CHLORETHYL)ETHER	111-44-4	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	BIS(2-CHLORETHYL)ETHER	111-44-4	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	BIS(2-CHLORETHYL)ETHER	111-44-4	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	BIS(2-CHLORETHYL)ETHER	111-44-4	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	BIS(2-CHLORETHYL)ETHER	111-44-4	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	370	ug/Kg	U	V

245

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS400293	0	2	IN	SS40018AE	BIS(2-CHLORETHYL)ETHER	111-44-4	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	BIS(2-CHLORETHYL)ETHER	111-44-4	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	BIS(2-CHLORETHYL)ETHER	111-44-4	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	BIS(2-CHLORETHYL)ETHER	111-44-4	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	BIS(2-CHLORETHYL)ETHER	111-44-4	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	BIS(2-CHLORETHYL)ETHER	111-44-4	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	BIS(2-CHLORETHYL)ETHER	111-44-4	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	BIS(2-CHLORETHYL)ETHER	111-44-4	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	BIS(2-CHLORETHYL)ETHER	111-44-4	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	BIS(2-CHLORETHYL)ETHER	111-44-4	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	BIS(2-CHLORETHYL)ETHER	111-44-4	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	BIS(2-CHLORETHYL)ETHER	111-44-4	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	BIS(2-CHLORETHYL)ETHER	111-44-4	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	BIS(2-CHLORETHYL)ETHER	111-44-4	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	BIS(2-CHLORETHYL)ETHER	111-44-4	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	BIS(2-CHLORETHYL)ETHER	111-44-4	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	BIS(2-CHLORETHYL)ETHER	111-44-4	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	BIS(2-CHLORETHYL)ETHER	111-44-4	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	BIS(2-CHLORETHYL)ETHER	111-44-4	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	BIS(2-CHLORETHYL)ETHER	111-44-4	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	BIS(2-CHLORETHYL)ETHER	111-44-4	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	BIS(2-CHLORETHYL)ETHER	111-44-4	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	BIS(2-CHLORETHYL)ETHER	111-44-4	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	BIS(2-CHLORETHYL)ETHER	111-44-4	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	360	360	ug/Kg	U	V

246

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS401893	0	2	IN	SS40034AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	420	420	ug/Kg	U	V

247

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS403593	0	2	IN	SS40051AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	360	1300	ug/Kg		Z
05193	0	2	IN	SS00003AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	380	81	ug/Kg	J	A
05393	0	2	IN	SS00005AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	360	70	ug/Kg	BJ	Z
40093	0	2	IN	SS40060AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	450	59	ug/Kg	J	A
40393	0	2	IN	SS40053AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	440	75	ug/Kg	J	A
40693	0	2	IN	SS40057AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	600	110	ug/Kg	J	A
40793	0	2	IN	SS40058AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	590	160	ug/Kg	J	A
40893	0	2	IN	SS40004AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	390	110	ug/Kg	J	A
41193	0	2	IN	SS40007AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	500	74	ug/Kg	J	A
41293	0	2	IN	SS40071AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	740	260	ug/Kg	J	A
41593	4	6	IN	SS40073AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	390	130	ug/Kg	J	
41993	0	2	IN	SS40009AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	350	200	ug/Kg	J	A
42193	4	6	IN	SS40012AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	350	80	ug/Kg	J	A
42293	0	2	IN	SS40078AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	360	360	ug/Kg	U	J
42593	4	6	IN	SS40082AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	350	65	ug/Kg	J	A
42693	0	2	IN	SS40080AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	520	130	ug/Kg	J	A
42993	0	2	IN	SS40056AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	370	81	ug/Kg	J	A
43193	0	2	IN	SS40084AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	360	1100	ug/Kg		
43393	4	6	IN	SS40087AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	350	1100	ug/Kg		V
43493	0	2	IN	SS40086AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	380	42	ug/Kg	J	A
43693	4	6	IN	SS40089AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	350	120	ug/Kg	J	A
43793	0	2	IN	SS40088AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	380	56	ug/Kg	J	A
43893	0	2	IN	SS40010AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	400	160	ug/Kg	J	A
43993	0	2	IN	SS40091AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	380	44	ug/Kg	J	A
44093	0	2	IN	SS40090AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	400	66	ug/Kg	J	
44393	0	2	IN	SS40005AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	380	3800	ug/Kg		V
44893	0	2	IN	SS40070AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	480	73	ug/Kg	J	A
45793	0	2	IN	SS40015AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	500	180	ug/Kg	J	A
46193	0	2	IN	SS40096AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	420	480	ug/Kg		V
46693	4	6	IN	SS40141AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	460	3300	ug/Kg		V
SS400393	0	2	IN	SS40019AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	350	350	ug/Kg	U	J
SS400593	0	2	IN	SS40021AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	340	340	ug/Kg	U	J
SS400693	0	2	IN	SS40022AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	360	360	ug/Kg	U	J
SS400793	0	2	IN	SS40023AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	380	66	ug/Kg	J	A
SS400893	0	2	IN	SS40024AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	480	68	ug/Kg	J	A
SS401293	0	2	IN	SS40028AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	360	42	ug/Kg	J	A
SS401893	0	2	IN	SS40034AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	380	740	ug/Kg		V
SS402393	0	2	IN	SS40039AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	370	370	ug/Kg	U	J
SS402893	0	2	IN	SS40044AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	350	350	ug/Kg	U	J
SS402993	0	2	IN	SS40045AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	340	340	ug/Kg	U	J
SS403093	0	2	IN	SS40046AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	700	21000	ug/Kg	BE	A
SS403193	0	2	IN	SS40047AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	460	460	ug/Kg	U	J
SS403293	0	2	IN	SS40048AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	440	440	ug/Kg	U	J
SS403393	0	2	IN	SS40049AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	630	630	ug/Kg	U	J
SS403493	0	2	IN	SS40050AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	390	44	ug/Kg	J	A
SS403693	0	2	IN	SS40052AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	390	180	ug/Kg	J	A
SS810893	0	3	IN	SSG0102JE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	69	ug/Kg	J	A
SS811193	0	3	IN	SSG0105JE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	230	ug/Kg	J	A
SS811493	0	3	IN	SSG0108JE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	79	ug/Kg	J	A
P208989	0	0	FT	SEP1789BR0002	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
05093	0	2	IN	SS00002AE	BUTYL BENZYLPHTHALATE	85-68-7	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	BUTYL BENZYLPHTHALATE	85-68-7	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	BUTYL BENZYLPHTHALATE	85-68-7	360	360	ug/Kg	U	Z

248

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40093	0	2	IN	SS40060AE	BUTYL BENZYLPHTHALATE	85-68-7	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	BUTYL BENZYLPHTHALATE	85-68-7	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	BUTYL BENZYLPHTHALATE	85-68-7	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	BUTYL BENZYLPHTHALATE	85-68-7	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	BUTYL BENZYLPHTHALATE	85-68-7	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	BUTYL BENZYLPHTHALATE	85-68-7	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	BUTYL BENZYLPHTHALATE	85-68-7	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	BUTYL BENZYLPHTHALATE	85-68-7	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	BUTYL BENZYLPHTHALATE	85-68-7	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	BUTYL BENZYLPHTHALATE	85-68-7	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	BUTYL BENZYLPHTHALATE	85-68-7	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	BUTYL BENZYLPHTHALATE	85-68-7	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	BUTYL BENZYLPHTHALATE	85-68-7	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	BUTYL BENZYLPHTHALATE	85-68-7	350	92	ug/Kg	J	A
42193	4	6	IN	SS40012AE	BUTYL BENZYLPHTHALATE	85-68-7	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	BUTYL BENZYLPHTHALATE	85-68-7	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	BUTYL BENZYLPHTHALATE	85-68-7	360	360	ug/Kg	U	J
42593	4	6	IN	SS40082AE	BUTYL BENZYLPHTHALATE	85-68-7	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	BUTYL BENZYLPHTHALATE	85-68-7	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	BUTYL BENZYLPHTHALATE	85-68-7	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	BUTYL BENZYLPHTHALATE	85-68-7	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	BUTYL BENZYLPHTHALATE	85-68-7	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	BUTYL BENZYLPHTHALATE	85-68-7	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	BUTYL BENZYLPHTHALATE	85-68-7	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	BUTYL BENZYLPHTHALATE	85-68-7	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	BUTYL BENZYLPHTHALATE	85-68-7	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	BUTYL BENZYLPHTHALATE	85-68-7	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	BUTYL BENZYLPHTHALATE	85-68-7	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	BUTYL BENZYLPHTHALATE	85-68-7	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	BUTYL BENZYLPHTHALATE	85-68-7	440	170	ug/Kg	J	A
45693	0	2	IN	SS40094AE	BUTYL BENZYLPHTHALATE	85-68-7	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	BUTYL BENZYLPHTHALATE	85-68-7	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	BUTYL BENZYLPHTHALATE	85-68-7	420	66	ug/Kg	J	A
46693	4	6	IN	SS40141AE	BUTYL BENZYLPHTHALATE	85-68-7	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	BUTYL BENZYLPHTHALATE	85-68-7	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	BUTYL BENZYLPHTHALATE	85-68-7	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	BUTYL BENZYLPHTHALATE	85-68-7	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	BUTYL BENZYLPHTHALATE	85-68-7	460	290	ug/Kg	J	A
SS400393	0	2	IN	SS40019AE	BUTYL BENZYLPHTHALATE	85-68-7	350	160	ug/Kg	J	A
SS400593	0	2	IN	SS40021AE	BUTYL BENZYLPHTHALATE	85-68-7	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	BUTYL BENZYLPHTHALATE	85-68-7	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	BUTYL BENZYLPHTHALATE	85-68-7	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	BUTYL BENZYLPHTHALATE	85-68-7	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	BUTYL BENZYLPHTHALATE	85-68-7	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	BUTYL BENZYLPHTHALATE	85-68-7	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	BUTYL BENZYLPHTHALATE	85-68-7	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	BUTYL BENZYLPHTHALATE	85-68-7	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	BUTYL BENZYLPHTHALATE	85-68-7	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	BUTYL BENZYLPHTHALATE	85-68-7	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	BUTYL BENZYLPHTHALATE	85-68-7	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	BUTYL BENZYLPHTHALATE	85-68-7	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	BUTYL BENZYLPHTHALATE	85-68-7	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	BUTYL BENZYLPHTHALATE	85-68-7	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	BUTYL BENZYLPHTHALATE	85-68-7	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	BUTYL BENZYLPHTHALATE	85-68-7	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	BUTYL BENZYLPHTHALATE	85-68-7	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	BUTYL BENZYLPHTHALATE	85-68-7	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	BUTYL BENZYLPHTHALATE	85-68-7	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	BUTYL BENZYLPHTHALATE	85-68-7	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	BUTYL BENZYLPHTHALATE	85-68-7	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	BUTYL BENZYLPHTHALATE	85-68-7	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	BUTYL BENZYLPHTHALATE	85-68-7	330	340	ug/Kg	U	J
SS811193	0	3	IN	SSG0105JE	BUTYL BENZYLPHTHALATE	85-68-7	330	350	ug/Kg	U	J
SS811493	0	3	IN	SSG0108JE	BUTYL BENZYLPHTHALATE	85-68-7	330	380	ug/Kg	U	J
41593	4	6	IN	SS40073AE	CARBAZOLE	86-74-8	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	CARBAZOLE	86-74-8	350	350	ug/Kg	U	V
42593	4	6	IN	SS40082AE	CARBAZOLE	86-74-8	350	350	ug/Kg	U	V
43393	4	6	IN	SS40087AE	CARBAZOLE	86-74-8	350	350	ug/Kg	U	V
43693	4	6	IN	SS40089AE	CARBAZOLE	86-74-8	350	350	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	CARBAZOLE	86-74-8		140	ug/Kg	J	Z
SS811493	0	3	IN	SSG0108JE	CARBAZOLE	86-74-8		410	ug/Kg	J	Z
P208989	0	0	FT	SEP1789BR0002	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
[illegible]093	0	2	IN	SS00002AE	CHRYSENE	218-01-9	360	320	ug/Kg	J	Z

249

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05193	0	2	IN	SS00003AE	CHRYSENE	218-01-9	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	CHRYSENE	218-01-9	360	63	ug/Kg	J	Z
40093	0	2	IN	SS40060AE	CHRYSENE	218-01-9	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	CHRYSENE	218-01-9	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	CHRYSENE	218-01-9	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	CHRYSENE	218-01-9	600	590	ug/Kg	J	A
40793	0	2	IN	SS40058AE	CHRYSENE	218-01-9	590	630	ug/Kg		V
40893	0	2	IN	SS40004AE	CHRYSENE	218-01-9	330	96	ug/Kg	J	A
40993	0	2	IN	SS40072AE	CHRYSENE	218-01-9	390	380	ug/Kg	J	A
41193	0	2	IN	SS40007AE	CHRYSENE	218-01-9	500	180	ug/Kg	J	A
41293	0	2	IN	SS40071AE	CHRYSENE	218-01-9	740	240	ug/Kg	J	A
41593	4	6	IN	SS40073AE	CHRYSENE	218-01-9	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	CHRYSENE	218-01-9	450	78	ug/Kg	J	A
41793	0	2	IN	SS40077AE	CHRYSENE	218-01-9	390	110	ug/Kg	J	
41993	0	2	IN	SS40009AE	CHRYSENE	218-01-9	400	140	ug/Kg	J	
42093	0	2	IN	SS40480AE	CHRYSENE	218-01-9	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	CHRYSENE	218-01-9	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	CHRYSENE	218-01-9	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	CHRYSENE	218-01-9	360	260	ug/Kg	J	A
42593	4	6	IN	SS40082AE	CHRYSENE	218-01-9	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	CHRYSENE	218-01-9	520	77	ug/Kg	J	A
42993	0	2	IN	SS40056AE	CHRYSENE	218-01-9	370	75	ug/Kg	J	A
43193	0	2	IN	SS40084AE	CHRYSENE	218-01-9	360	73	ug/Kg	J	
43393	4	6	IN	SS40087AE	CHRYSENE	218-01-9	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	CHRYSENE	218-01-9	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	CHRYSENE	218-01-9	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	CHRYSENE	218-01-9	380	69	ug/Kg	J	A
43893	0	2	IN	SS40010AE	CHRYSENE	218-01-9	400	140	ug/Kg	J	A
43993	0	2	IN	SS40091AE	CHRYSENE	218-01-9	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	CHRYSENE	218-01-9	400	58	ug/Kg	J	
44393	0	2	IN	SS40005AE	CHRYSENE	218-01-9	380	82	ug/Kg	J	A
44893	0	2	IN	SS40070AE	CHRYSENE	218-01-9	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	CHRYSENE	218-01-9	480	210	ug/Kg	J	A
45793	0	2	IN	SS40015AE	CHRYSENE	218-01-9	500	570	ug/Kg		V
46193	0	2	IN	SS40096AE	CHRYSENE	218-01-9	420	96	ug/Kg	J	A
46693	4	6	IN	SS40141AE	CHRYSENE	218-01-9	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	CHRYSENE	218-01-9	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	CHRYSENE	218-01-9	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	CHRYSENE	218-01-9	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	CHRYSENE	218-01-9	460	190	ug/Kg	J	A
SS400393	0	2	IN	SS40019AE	CHRYSENE	218-01-9	350	210	ug/Kg	J	A
SS400593	0	2	IN	SS40021AE	CHRYSENE	218-01-9	340	66	ug/Kg	J	A
SS400693	0	2	IN	SS40022AE	CHRYSENE	218-01-9	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	CHRYSENE	218-01-9	380	89	ug/Kg	J	A
SS400893	0	2	IN	SS40024AE	CHRYSENE	218-01-9	460	61	ug/Kg	J	A
SS401193	0	2	IN	SS40027AE	CHRYSENE	218-01-9	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	CHRYSENE	218-01-9	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	CHRYSENE	218-01-9	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	CHRYSENE	218-01-9	430	390	ug/Kg	J	A
SS401693	0	2	IN	SS40032AE	CHRYSENE	218-01-9	360	120	ug/Kg	J	A
SS401893	0	2	IN	SS40034AE	CHRYSENE	218-01-9	380	170	ug/Kg	J	A
SS402393	0	2	IN	SS40039AE	CHRYSENE	218-01-9	380	140	ug/Kg	J	A
SS402593	0	2	IN	SS40041AE	CHRYSENE	218-01-9	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	CHRYSENE	218-01-9	370	560	ug/Kg		V
SS402893	0	2	IN	SS40044AE	CHRYSENE	218-01-9	350	130	ug/Kg	J	A
SS402993	0	2	IN	SS40045AE	CHRYSENE	218-01-9	340	36	ug/Kg	J	A
SS403093	0	2	IN	SS40046AE	CHRYSENE	218-01-9	700	180	ug/Kg	J	A
SS403193	0	2	IN	SS40047AE	CHRYSENE	218-01-9	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	CHRYSENE	218-01-9	440	120	ug/Kg	J	A
SS403393	0	2	IN	SS40049AE	CHRYSENE	218-01-9	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	CHRYSENE	218-01-9	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	CHRYSENE	218-01-9	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	CHRYSENE	218-01-9	390	220	ug/Kg	J	A
SS810893	0	3	IN	SSG0102JE	CHRYSENE	218-01-9	330	210	ug/Kg	J	A
SS811193	0	3	IN	SSG0105JE	CHRYSENE	218-01-9	330	680	ug/Kg		V
SS811493	0	3	IN	SSG0108JE	CHRYSENE	218-01-9	330	1300	ug/Kg		V
P298989	0	0	FT	SEP1789BR0002	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
05193	0	2	IN	SS00003AE	DELTA-BHC	319-86-8	9	9	ug/Kg	U	V
05393	0	2	IN	SS00005AE	DELTA-BHC	319-86-8	8.7	8.7	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	DELTA-BHC	319-86-8	11	11	ug/Kg	U	V
40293	0	2	IN	SS40042AE	DELTA-BHC	319-86-8	11	11	ug/Kg	U	V
40393	0	2	IN	SS40053AE	DELTA-BHC	319-86-8	11	11	ug/Kg	U	V
40693	0	2	IN	SS40057AE	DELTA-BHC	319-86-8	14	14	ug/Kg	U	V
40793	0	2	IN	SS40058AE	DELTA-BHC	319-86-8	14	14	ug/Kg	U	V
40893	0	2	IN	SS40004AE	DELTA-BHC	319-86-8	8	9.6	ug/Kg	U	V
40993	0	2	IN	SS40072AE	DELTA-BHC	319-86-8	9.4	9.4	ug/Kg	U	V
41193	0	2	IN	SS40007AE	DELTA-BHC	319-86-8	12	12	ug/Kg	U	V
41293	0	2	IN	SS40071AE	DELTA-BHC	319-86-8	18	18	ug/Kg	U	V

250

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41593	4	6	IN	SS40073AE	DELTA-BHC	319-86-8	8.4	8.4	ug/Kg	U	V
41693	0	2	IN	SS40410AE	DELTA-BHC	319-86-8	11	11	ug/Kg	U	V
41793	0	2	IN	SS40077AE	DELTA-BHC	319-86-8	9.3	9.3	ug/Kg	U	V
41993	0	2	IN	SS40009AE	DELTA-BHC	319-86-8	9.5	9.5	ug/Kg	U	V
42093	0	2	IN	SS40480AE	DELTA-BHC	319-86-8	8.3	8.3	ug/Kg	U	V
42193	4	6	IN	SS40012AE	DELTA-BHC	319-86-8	8.3	8.3	ug/Kg	U	J
42393	0	2	IN	SS40079AE	DELTA-BHC	319-86-8	8.6	8.6	ug/Kg	U	V
42693	0	2	IN	SS40080AE	DELTA-BHC	319-86-8	13	13	ug/Kg	U	V
42993	0	2	IN	SS40056AE	DELTA-BHC	319-86-8	8.9	8.9	ug/Kg	U	V
43393	4	6	IN	SS40087AE	DELTA-BHC	319-86-8	8.4	8.4	ug/Kg	U	V
43693	4	6	IN	SS40089AE	DELTA-BHC	319-86-8	8.4	8.4	ug/Kg	U	V
43793	0	2	IN	SS40088AE	DELTA-BHC	319-86-8	9.1	9.1	ug/Kg	U	V
43893	0	2	IN	SS40010AE	DELTA-BHC	319-86-8	9.6	9.6	ug/Kg	U	V
43993	0	2	IN	SS40091AE	DELTA-BHC	319-86-8	9.2	9.2	ug/Kg	U	V
44093	0	2	IN	SS40090AE	DELTA-BHC	319-86-8	9.6	9.6	ug/Kg	U	V
44393	0	2	IN	SS40005AE	DELTA-BHC	319-86-8	9	9	ug/Kg	U	V
44893	0	2	IN	SS40070AE	DELTA-BHC	319-86-8	10	10	ug/Kg	U	V
45693	0	2	IN	SS40094AE	DELTA-BHC	319-86-8	11	11	ug/Kg	U	V
45793	0	2	IN	SS40015AE	DELTA-BHC	319-86-8	12	12	ug/Kg	U	V
46193	0	2	IN	SS40096AE	DELTA-BHC	319-86-8	10	10	ug/Kg	U	V
46693	4	6	IN	SS40141AE	DELTA-BHC	319-86-8	8	8.7	ug/Kg	U	V
46793	4	6	IN	SS40142AE	DELTA-BHC	319-86-8	8	8.9	ug/Kg	U	V
46893	4	6	IN	SS40143AE	DELTA-BHC	319-86-8	8	8.9	ug/Kg	U	V
47093	0	1	IN	SS40145AE	DELTA-BHC	319-86-8	8	9.1	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	DELTA-BHC	319-86-8	11	11	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	DELTA-BHC	319-86-8	8.3	8.3	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	DELTA-BHC	319-86-8	8.2	8.2	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	DELTA-BHC	319-86-8	8.7	8.7	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	DELTA-BHC	319-86-8	9.1	9.1	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	DELTA-BHC	319-86-8	11	11	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	DELTA-BHC	319-86-8	12	12	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	DELTA-BHC	319-86-8	8.7	8.7	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	DELTA-BHC	319-86-8	11	11	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	DELTA-BHC	319-86-8	10	10	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	DELTA-BHC	319-86-8	8.5	8.5	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	DELTA-BHC	319-86-8	9	9	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	DELTA-BHC	319-86-8	9.2	9.2	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	DELTA-BHC	319-86-8	11	11	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	DELTA-BHC	319-86-8	8.8	8.8	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	DELTA-BHC	319-86-8	8.5	8.5	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	DELTA-BHC	319-86-8	8.2	8.2	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	DELTA-BHC	319-86-8	17	17	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	DELTA-BHC	319-86-8	11	11	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	DELTA-BHC	319-86-8	11	11	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	DELTA-BHC	319-86-8	15	15	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	DELTA-BHC	319-86-8	10	10	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	DELTA-BHC	319-86-8	9.4	9.4	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	DELTA-BHC	319-86-8	9.4	9.4	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	DELTA-BHC	319-86-8	8	9	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	DELTA-BHC	319-86-8	8	10	ug/Kg	U	V
05093	0	2	IN	SS00002AE	DIBENZ(A,H)ANTHRACENE	53-70-3	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	DIBENZ(A,H)ANTHRACENE	53-70-3	380	380	ug/Kg	U	J
05393	0	2	IN	SS00005AE	DIBENZ(A,H)ANTHRACENE	53-70-3	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	DIBENZ(A,H)ANTHRACENE	53-70-3	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	DIBENZ(A,H)ANTHRACENE	53-70-3	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	DIBENZ(A,H)ANTHRACENE	53-70-3	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	DIBENZ(A,H)ANTHRACENE	53-70-3	600	600	ug/Kg	U	J
40793	0	2	IN	SS40058AE	DIBENZ(A,H)ANTHRACENE	53-70-3	590	590	ug/Kg	U	J
40893	0	2	IN	SS40004AE	DIBENZ(A,H)ANTHRACENE	53-70-3	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	DIBENZ(A,H)ANTHRACENE	53-70-3	390	47	ug/Kg	J	A
41193	0	2	IN	SS40007AE	DIBENZ(A,H)ANTHRACENE	53-70-3	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	DIBENZ(A,H)ANTHRACENE	53-70-3	740	740	ug/Kg	U	J
41593	4	6	IN	SS40073AE	DIBENZ(A,H)ANTHRACENE	53-70-3	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	DIBENZ(A,H)ANTHRACENE	53-70-3	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	DIBENZ(A,H)ANTHRACENE	53-70-3	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	DIBENZ(A,H)ANTHRACENE	53-70-3	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	DIBENZ(A,H)ANTHRACENE	53-70-3	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	DIBENZ(A,H)ANTHRACENE	53-70-3	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	DIBENZ(A,H)ANTHRACENE	53-70-3	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	DIBENZ(A,H)ANTHRACENE	53-70-3	360	51	ug/Kg	J	A
42593	4	6	IN	SS40082AE	DIBENZ(A,H)ANTHRACENE	53-70-3	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	DIBENZ(A,H)ANTHRACENE	53-70-3	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	DIBENZ(A,H)ANTHRACENE	53-70-3	370	370	ug/Kg	U	J
43193	0	2	IN	SS40084AE	DIBENZ(A,H)ANTHRACENE	53-70-3	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	DIBENZ(A,H)ANTHRACENE	53-70-3	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	DIBENZ(A,H)ANTHRACENE	53-70-3	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	DIBENZ(A,H)ANTHRACENE	53-70-3	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	DIBENZ(A,H)ANTHRACENE	53-70-3	380	380	ug/Kg	U	V

251

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43893	0	2	IN	SS40010AE	DIBENZ(A,H)ANTHRACENE	53-70-3	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	DIBENZ(A,H)ANTHRACENE	53-70-3	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	DIBENZ(A,H)ANTHRACENE	53-70-3	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	DIBENZ(A,H)ANTHRACENE	53-70-3	380	380	ug/Kg	U	J
44893	0	2	IN	SS40070AE	DIBENZ(A,H)ANTHRACENE	53-70-3	440	440	ug/Kg	U	J
45693	0	2	IN	SS40094AE	DIBENZ(A,H)ANTHRACENE	53-70-3	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	DIBENZ(A,H)ANTHRACENE	53-70-3	500	76	ug/Kg	J	A
46193	0	2	IN	SS40096AE	DIBENZ(A,H)ANTHRACENE	53-70-3	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	DIBENZ(A,H)ANTHRACENE	53-70-3	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	DIBENZ(A,H)ANTHRACENE	53-70-3	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	DIBENZ(A,H)ANTHRACENE	53-70-3	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	DIBENZ(A,H)ANTHRACENE	53-70-3	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	DIBENZ(A,H)ANTHRACENE	53-70-3	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	DIBENZ(A,H)ANTHRACENE	53-70-3	350	59	ug/Kg	J	A
SS400593	0	2	IN	SS40021AE	DIBENZ(A,H)ANTHRACENE	53-70-3	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	DIBENZ(A,H)ANTHRACENE	53-70-3	360	360	ug/Kg	U	J
SS400793	0	2	IN	SS40023AE	DIBENZ(A,H)ANTHRACENE	53-70-3	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	DIBENZ(A,H)ANTHRACENE	53-70-3	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	DIBENZ(A,H)ANTHRACENE	53-70-3	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	DIBENZ(A,H)ANTHRACENE	53-70-3	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	DIBENZ(A,H)ANTHRACENE	53-70-3	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	DIBENZ(A,H)ANTHRACENE	53-70-3	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	DIBENZ(A,H)ANTHRACENE	53-70-3	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	DIBENZ(A,H)ANTHRACENE	53-70-3	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	DIBENZ(A,H)ANTHRACENE	53-70-3	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	DIBENZ(A,H)ANTHRACENE	53-70-3	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	DIBENZ(A,H)ANTHRACENE	53-70-3	370	44	ug/Kg	J	A
SS402893	0	2	IN	SS40044AE	DIBENZ(A,H)ANTHRACENE	53-70-3	350	38	ug/Kg	J	A
SS402993	0	2	IN	SS40045AE	DIBENZ(A,H)ANTHRACENE	53-70-3	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	DIBENZ(A,H)ANTHRACENE	53-70-3	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	DIBENZ(A,H)ANTHRACENE	53-70-3	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	DIBENZ(A,H)ANTHRACENE	53-70-3	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	DIBENZ(A,H)ANTHRACENE	53-70-3	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	DIBENZ(A,H)ANTHRACENE	53-70-3	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	DIBENZ(A,H)ANTHRACENE	53-70-3	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	DIBENZ(A,H)ANTHRACENE	53-70-3	390	47	ug/Kg	J	A
SS810893	0	3	IN	SSG0102JE	DIBENZ(A,H)ANTHRACENE	53-70-3	330	38	ug/Kg	J	A
SS811493	0	3	IN	SSG0108JE	DIBENZ(A,H)ANTHRACENE	53-70-3	330	210	ug/Kg	J	A
05093	0	2	IN	SS00002AE	DIBENZOFURAN	132-64-9	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	DIBENZOFURAN	132-64-9	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	DIBENZOFURAN	132-64-9	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	DIBENZOFURAN	132-64-9	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	DIBENZOFURAN	132-64-9	450	450	ug/Kg	U	V
40398	0	2	IN	SS40053AE	DIBENZOFURAN	132-64-9	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	DIBENZOFURAN	132-64-9	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	DIBENZOFURAN	132-64-9	590	63	ug/Kg	J	A
40893	0	2	IN	SS40004AE	DIBENZOFURAN	132-64-9	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	DIBENZOFURAN	132-64-9	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	DIBENZOFURAN	132-64-9	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	DIBENZOFURAN	132-64-9	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	DIBENZOFURAN	132-64-9	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	DIBENZOFURAN	132-64-9	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	DIBENZOFURAN	132-64-9	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	DIBENZOFURAN	132-64-9	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	DIBENZOFURAN	132-64-9	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	DIBENZOFURAN	132-64-9	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	DIBENZOFURAN	132-64-9	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	DIBENZOFURAN	132-64-9	360	360	ug/Kg	U	V
42693	4	6	IN	SS40082AE	DIBENZOFURAN	132-64-9	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	DIBENZOFURAN	132-64-9	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	DIBENZOFURAN	132-64-9	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	DIBENZOFURAN	132-64-9	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	DIBENZOFURAN	132-64-9	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	DIBENZOFURAN	132-64-9	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	DIBENZOFURAN	132-64-9	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	DIBENZOFURAN	132-64-9	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	DIBENZOFURAN	132-64-9	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	DIBENZOFURAN	132-64-9	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	DIBENZOFURAN	132-64-9	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	DIBENZOFURAN	132-64-9	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	DIBENZOFURAN	132-64-9	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	DIBENZOFURAN	132-64-9	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	DIBENZOFURAN	132-64-9	500	55	ug/Kg	J	A
46193	0	2	IN	SS40096AE	DIBENZOFURAN	132-64-9	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	DIBENZOFURAN	132-64-9	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	DIBENZOFURAN	132-64-9	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	DIBENZOFURAN	132-64-9	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	DIBENZOFURAN	132-64-9	330	370	ug/Kg	U	V

252

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS400293	0	2	IN	SS40018AE	DIBENZOFURAN	132-64-9	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	DIBENZOFURAN	132-64-9	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	DIBENZOFURAN	132-64-9	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	DIBENZOFURAN	132-64-9	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	DIBENZOFURAN	132-64-9	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	DIBENZOFURAN	132-64-9	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	DIBENZOFURAN	132-64-9	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	DIBENZOFURAN	132-64-9	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	DIBENZOFURAN	132-64-9	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	DIBENZOFURAN	132-64-9	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	DIBENZOFURAN	132-64-9	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	DIBENZOFURAN	132-64-9	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	DIBENZOFURAN	132-64-9	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	DIBENZOFURAN	132-64-9	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	DIBENZOFURAN	132-64-9	370	47	ug/Kg	J	A
SS402893	0	2	IN	SS40044AE	DIBENZOFURAN	132-64-9	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	DIBENZOFURAN	132-64-9	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	DIBENZOFURAN	132-64-9	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	DIBENZOFURAN	132-64-9	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	DIBENZOFURAN	132-64-9	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	DIBENZOFURAN	132-64-9	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	DIBENZOFURAN	132-64-9	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	DIBENZOFURAN	132-64-9	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	DIBENZOFURAN	132-64-9	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	DIBENZOFURAN	132-64-9	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	DIBENZOFURAN	132-64-9	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	DIBENZOFURAN	132-64-9	330	180	ug/Kg	J	A
P208989	0	0	FT	SEP1789BR0002	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
05193	0	2	IN	SS00003AE	DIELDRIN	60-57-1	18	18	ug/Kg	U	V
05393	0	2	IN	SS00005AE	DIELDRIN	60-57-1	17	17	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	DIELDRIN	60-57-1	23	23	ug/Kg	U	V
40293	0	2	IN	SS40042AE	DIELDRIN	60-57-1	21	21	ug/Kg	U	V
40393	0	2	IN	SS40053AE	DIELDRIN	60-57-1	21	21	ug/Kg	U	V
40693	0	2	IN	SS40057AE	DIELDRIN	60-57-1	29	29	ug/Kg	U	V
40793	0	2	IN	SS40058AE	DIELDRIN	60-57-1	28	28	ug/Kg	U	V
40893	0	2	IN	SS40004AE	DIELDRIN	60-57-1	16	19	ug/Kg	U	V
40993	0	2	IN	SS40072AE	DIELDRIN	60-57-1	19	19	ug/Kg	U	V
41193	0	2	IN	SS40007AE	DIELDRIN	60-57-1	24	24	ug/Kg	U	V
41293	0	2	IN	SS40071AE	DIELDRIN	60-57-1	36	36	ug/Kg	U	V
41593	4	6	IN	SS40073AE	DIELDRIN	60-57-1	17	17	ug/Kg	U	V
41693	0	2	IN	SS40410AE	DIELDRIN	60-57-1	21	21	ug/Kg	U	V
41793	0	2	IN	SS40077AE	DIELDRIN	60-57-1	19	19	ug/Kg	U	V
41993	0	2	IN	SS40009AE	DIELDRIN	60-57-1	19	19	ug/Kg	U	V
42093	0	2	IN	SS40480AE	DIELDRIN	60-57-1	17	17	ug/Kg	U	V
42193	4	6	IN	SS40012AE	DIELDRIN	60-57-1	17	17	ug/Kg	U	J
42393	0	2	IN	SS40079AE	DIELDRIN	60-57-1	17	17	ug/Kg	U	V
42693	0	2	IN	SS40080AE	DIELDRIN	60-57-1	25	25	ug/Kg	U	V
42993	0	2	IN	SS40056AE	DIELDRIN	60-57-1	18	18	ug/Kg	U	V
43393	4	6	IN	SS40087AE	DIELDRIN	60-57-1	17	17	ug/Kg	U	V
43693	4	6	IN	SS40089AE	DIELDRIN	60-57-1	17	17	ug/Kg	U	V
43793	0	2	IN	SS40088AE	DIELDRIN	60-57-1	18	18	ug/Kg	U	V
43893	0	2	IN	SS40010AE	DIELDRIN	60-57-1	19	19	ug/Kg	U	V
43993	0	2	IN	SS40091AE	DIELDRIN	60-57-1	18	18	ug/Kg	U	V
44093	0	2	IN	SS40090AE	DIELDRIN	60-57-1	19	19	ug/Kg	U	V
44393	0	2	IN	SS40005AE	DIELDRIN	60-57-1	18	18	ug/Kg	U	V
44893	0	2	IN	SS40070AE	DIELDRIN	60-57-1	21	21	ug/Kg	U	V
45693	0	2	IN	SS40094AE	DIELDRIN	60-57-1	23	23	ug/Kg	U	V
45793	0	2	IN	SS40015AE	DIELDRIN	60-57-1	24	24	ug/Kg	U	V
46193	0	2	IN	SS40096AE	DIELDRIN	60-57-1	20	20	ug/Kg	U	V
46693	4	6	IN	SS40141AE	DIELDRIN	60-57-1	16	17	ug/Kg	U	V
46793	4	6	IN	SS40142AE	DIELDRIN	60-57-1	16	18	ug/Kg	U	V
46893	4	6	IN	SS40143AE	DIELDRIN	60-57-1	16	18	ug/Kg	U	V
47093	0	1	IN	SS40145AE	DIELDRIN	60-57-1	16	18	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	DIELDRIN	60-57-1	22	22	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	DIELDRIN	60-57-1	17	17	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	DIELDRIN	60-57-1	16	16	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	DIELDRIN	60-57-1	17	17	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	DIELDRIN	60-57-1	18	18	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	DIELDRIN	60-57-1	22	22	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	DIELDRIN	60-57-1	23	23	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	DIELDRIN	60-57-1	17	17	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	DIELDRIN	60-57-1	23	23	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	DIELDRIN	60-57-1	21	21	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	DIELDRIN	60-57-1	17	17	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	DIELDRIN	60-57-1	18	18	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	DIELDRIN	60-57-1	18	18	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	DIELDRIN	60-57-1	21	21	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	DIELDRIN	60-57-1	18	18	ug/Kg	U	V

253

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS402893	0	2	IN	SS40044AE	DIELDRIN	60-57-1	17	17	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	DIELDRIN	60-57-1	16	16	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	DIELDRIN	60-57-1	34	34	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	DIELDRIN	60-57-1	22	22	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	DIELDRIN	60-57-1	21	21	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	DIELDRIN	60-57-1	30	30	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	DIELDRIN	60-57-1	20	20	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	DIELDRIN	60-57-1	19	19	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	DIELDRIN	60-57-1	19	19	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	DIELDRIN	60-57-1	16	18	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	DIELDRIN	60-57-1	16	20	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	DIESEL FUEL	68334-30-5	25	26	mg/Kg	U	Y
SS811193	0	3	IN	SSG0105JE	DIESEL FUEL	68334-30-5	25	26	mg/Kg	U	Y
SS811493	0	3	IN	SSG0108JE	DIESEL FUEL	68334-30-5	25	29	mg/Kg	U	Y
05093	0	2	IN	SS00002AE	DIETHYL PHTHALATE	84-66-2	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	DIETHYL PHTHALATE	84-66-2	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	DIETHYL PHTHALATE	84-66-2	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	DIETHYL PHTHALATE	84-66-2	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	DIETHYL PHTHALATE	84-66-2	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	DIETHYL PHTHALATE	84-66-2	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	DIETHYL PHTHALATE	84-66-2	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	DIETHYL PHTHALATE	84-66-2	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	DIETHYL PHTHALATE	84-66-2	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	DIETHYL PHTHALATE	84-66-2	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	DIETHYL PHTHALATE	84-66-2	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	DIETHYL PHTHALATE	84-66-2	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	DIETHYL PHTHALATE	84-66-2	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	DIETHYL PHTHALATE	84-66-2	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	DIETHYL PHTHALATE	84-66-2	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	DIETHYL PHTHALATE	84-66-2	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	DIETHYL PHTHALATE	84-66-2	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	DIETHYL PHTHALATE	84-66-2	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	DIETHYL PHTHALATE	84-66-2	380	9800	ug/Kg	E	Z
42393	0	2	IN	SS40079AE	DIETHYL PHTHALATE	84-66-2	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	DIETHYL PHTHALATE	84-66-2	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	DIETHYL PHTHALATE	84-66-2	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	DIETHYL PHTHALATE	84-66-2	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	DIETHYL PHTHALATE	84-66-2	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	DIETHYL PHTHALATE	84-66-2	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	DIETHYL PHTHALATE	84-66-2	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	DIETHYL PHTHALATE	84-66-2	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	DIETHYL PHTHALATE	84-66-2	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	DIETHYL PHTHALATE	84-66-2	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	DIETHYL PHTHALATE	84-66-2	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	DIETHYL PHTHALATE	84-66-2	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	DIETHYL PHTHALATE	84-66-2	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	DIETHYL PHTHALATE	84-66-2	440	440	ug/Kg	U	V
46693	4	6	IN	SS40141AE	DIETHYL PHTHALATE	84-66-2	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	DIETHYL PHTHALATE	84-66-2	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	DIETHYL PHTHALATE	84-66-2	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	DIETHYL PHTHALATE	84-66-2	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	DIETHYL PHTHALATE	84-66-2	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	DIETHYL PHTHALATE	84-66-2	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	DIETHYL PHTHALATE	84-66-2	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	DIETHYL PHTHALATE	84-66-2	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	DIETHYL PHTHALATE	84-66-2	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	DIETHYL PHTHALATE	84-66-2	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	DIETHYL PHTHALATE	84-66-2	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	DIETHYL PHTHALATE	84-66-2	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	DIETHYL PHTHALATE	84-66-2	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	DIETHYL PHTHALATE	84-66-2	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	DIETHYL PHTHALATE	84-66-2	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	DIETHYL PHTHALATE	84-66-2	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	DIETHYL PHTHALATE	84-66-2	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	DIETHYL PHTHALATE	84-66-2	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	DIETHYL PHTHALATE	84-66-2	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	DIETHYL PHTHALATE	84-66-2	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	DIETHYL PHTHALATE	84-66-2	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	DIETHYL PHTHALATE	84-66-2	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	DIETHYL PHTHALATE	84-66-2	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	DIETHYL PHTHALATE	84-66-2	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	DIETHYL PHTHALATE	84-66-2	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	DIETHYL PHTHALATE	84-66-2	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	DIETHYL PHTHALATE	84-66-2	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	DIETHYL PHTHALATE	84-66-2	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	DIETHYL PHTHALATE	84-66-2	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	DIETHYL PHTHALATE	84-66-2	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	DIETHYL PHTHALATE	84-66-2	330	380	ug/Kg	U	V

254

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05093	0	2	IN	SS00002AE	DIMETHLY PHTHALATE	131-11-3	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	DIMETHLY PHTHALATE	131-11-3	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	DIMETHLY PHTHALATE	131-11-3	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	DIMETHLY PHTHALATE	131-11-3	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	DIMETHLY PHTHALATE	131-11-3	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	DIMETHLY PHTHALATE	131-11-3	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	DIMETHLY PHTHALATE	131-11-3	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	DIMETHLY PHTHALATE	131-11-3	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	DIMETHLY PHTHALATE	131-11-3	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	DIMETHLY PHTHALATE	131-11-3	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	DIMETHLY PHTHALATE	131-11-3	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	DIMETHLY PHTHALATE	131-11-3	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	DIMETHLY PHTHALATE	131-11-3	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	DIMETHLY PHTHALATE	131-11-3	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	DIMETHLY PHTHALATE	131-11-3	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	DIMETHLY PHTHALATE	131-11-3	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	DIMETHLY PHTHALATE	131-11-3	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	DIMETHLY PHTHALATE	131-11-3	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	DIMETHLY PHTHALATE	131-11-3	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	DIMETHLY PHTHALATE	131-11-3	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	DIMETHLY PHTHALATE	131-11-3	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	DIMETHLY PHTHALATE	131-11-3	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	DIMETHLY PHTHALATE	131-11-3	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	DIMETHLY PHTHALATE	131-11-3	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	DIMETHLY PHTHALATE	131-11-3	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	DIMETHLY PHTHALATE	131-11-3	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	DIMETHLY PHTHALATE	131-11-3	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	DIMETHLY PHTHALATE	131-11-3	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	DIMETHLY PHTHALATE	131-11-3	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	DIMETHLY PHTHALATE	131-11-3	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	DIMETHLY PHTHALATE	131-11-3	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	DIMETHLY PHTHALATE	131-11-3	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	DIMETHLY PHTHALATE	131-11-3	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	DIMETHLY PHTHALATE	131-11-3	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	DIMETHLY PHTHALATE	131-11-3	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	DIMETHLY PHTHALATE	131-11-3	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	DIMETHLY PHTHALATE	131-11-3	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	DIMETHLY PHTHALATE	131-11-3	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	DIMETHLY PHTHALATE	131-11-3	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	DIMETHLY PHTHALATE	131-11-3	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	DIMETHLY PHTHALATE	131-11-3	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	DIMETHLY PHTHALATE	131-11-3	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	DIMETHLY PHTHALATE	131-11-3	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	DIMETHLY PHTHALATE	131-11-3	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	DIMETHLY PHTHALATE	131-11-3	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	DIMETHLY PHTHALATE	131-11-3	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	DIMETHLY PHTHALATE	131-11-3	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	DIMETHLY PHTHALATE	131-11-3	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	DIMETHLY PHTHALATE	131-11-3	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	DIMETHLY PHTHALATE	131-11-3	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	DIMETHLY PHTHALATE	131-11-3	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	DIMETHLY PHTHALATE	131-11-3	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	DIMETHLY PHTHALATE	131-11-3	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	DIMETHLY PHTHALATE	131-11-3	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	DIMETHLY PHTHALATE	131-11-3	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	DIMETHLY PHTHALATE	131-11-3	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	DIMETHLY PHTHALATE	131-11-3	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	DIMETHLY PHTHALATE	131-11-3	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	DIMETHLY PHTHALATE	131-11-3	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	DIMETHLY PHTHALATE	131-11-3	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	DIMETHLY PHTHALATE	131-11-3	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	DIMETHLY PHTHALATE	131-11-3	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	DIMETHLY PHTHALATE	131-11-3	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	DIMETHLY PHTHALATE	131-11-3	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	DIMETHLY PHTHALATE	131-11-3	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	DIMETHLY PHTHALATE	131-11-3	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	DIMETHLY PHTHALATE	131-11-3	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	DI-N-BUTYL PHTHALATE	84-74-2	360	48	ug/Kg	J	Z
05193	0	2	IN	SS00003AE	DI-N-BUTYL PHTHALATE	84-74-2	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	DI-N-BUTYL PHTHALATE	84-74-2	360	39	ug/Kg	J	Z
40093	0	2	IN	SS40060AE	DI-N-BUTYL PHTHALATE	84-74-2	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	DI-N-BUTYL PHTHALATE	84-74-2	450	450	ug/Kg	U	J
40393	0	2	IN	SS40053AE	DI-N-BUTYL PHTHALATE	84-74-2	440	440	ug/Kg	U	J
40693	0	2	IN	SS40057AE	DI-N-BUTYL PHTHALATE	84-74-2	600	66	ug/Kg	J	A
40793	0	2	IN	SS40058AE	DI-N-BUTYL PHTHALATE	84-74-2	590	80	ug/Kg	J	A
40893	0	2	IN	SS40004AE	DI-N-BUTYL PHTHALATE	84-74-2	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	DI-N-BUTYL PHTHALATE	84-74-2	390	43	ug/Kg	J	A
41193	0	2	IN	SS40007AE	DI-N-BUTYL PHTHALATE	84-74-2	500	500	ug/Kg	U	J

255

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41293	0	2	IN	SS40071AE	DI-N-BUTYL PHTHALATE	84-74-2	740	96	ug/Kg	J	A
41593	4	6	IN	SS40073AE	DI-N-BUTYL PHTHALATE	84-74-2	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	DI-N-BUTYL PHTHALATE	84-74-2	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	DI-N-BUTYL PHTHALATE	84-74-2	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	DI-N-BUTYL PHTHALATE	84-74-2	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	DI-N-BUTYL PHTHALATE	84-74-2	350	36	ug/Kg	J	A
42193	4	6	IN	SS40012AE	DI-N-BUTYL PHTHALATE	84-74-2	350	50	ug/Kg	J	A
42293	0	2	IN	SS40078AE	DI-N-BUTYL PHTHALATE	84-74-2	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	DI-N-BUTYL PHTHALATE	84-74-2	360	360	ug/Kg	U	J
42593	4	6	IN	SS40082AE	DI-N-BUTYL PHTHALATE	84-74-2	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	DI-N-BUTYL PHTHALATE	84-74-2	520	62	ug/Kg	J	A
42993	0	2	IN	SS40056AE	DI-N-BUTYL PHTHALATE	84-74-2	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	DI-N-BUTYL PHTHALATE	84-74-2	360	58	ug/Kg	J	
43393	4	6	IN	SS40087AE	DI-N-BUTYL PHTHALATE	84-74-2	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	DI-N-BUTYL PHTHALATE	84-74-2	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	DI-N-BUTYL PHTHALATE	84-74-2	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	DI-N-BUTYL PHTHALATE	84-74-2	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	DI-N-BUTYL PHTHALATE	84-74-2	400	900	ug/Kg		V
43993	0	2	IN	SS40091AE	DI-N-BUTYL PHTHALATE	84-74-2	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	DI-N-BUTYL PHTHALATE	84-74-2	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	DI-N-BUTYL PHTHALATE	84-74-2	380	730	ug/Kg		V
44893	0	2	IN	SS40070AE	DI-N-BUTYL PHTHALATE	84-74-2	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	DI-N-BUTYL PHTHALATE	84-74-2	480	120	ug/Kg	J	A
45793	0	2	IN	SS40015AE	DI-N-BUTYL PHTHALATE	84-74-2	500	104	ug/Kg	J	A
46193	0	2	IN	SS40096AE	DI-N-BUTYL PHTHALATE	84-74-2	420	93	ug/Kg	J	A
46693	4	6	IN	SS40141AE	DI-N-BUTYL PHTHALATE	84-74-2	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	DI-N-BUTYL PHTHALATE	84-74-2	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	DI-N-BUTYL PHTHALATE	84-74-2	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	DI-N-BUTYL PHTHALATE	84-74-2	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	DI-N-BUTYL PHTHALATE	84-74-2	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	DI-N-BUTYL PHTHALATE	84-74-2	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	DI-N-BUTYL PHTHALATE	84-74-2	340	65	ug/Kg	J	A
SS400693	0	2	IN	SS40022AE	DI-N-BUTYL PHTHALATE	84-74-2	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	DI-N-BUTYL PHTHALATE	84-74-2	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	DI-N-BUTYL PHTHALATE	84-74-2	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	DI-N-BUTYL PHTHALATE	84-74-2	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	DI-N-BUTYL PHTHALATE	84-74-2	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	DI-N-BUTYL PHTHALATE	84-74-2	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	DI-N-BUTYL PHTHALATE	84-74-2	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	DI-N-BUTYL PHTHALATE	84-74-2	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	DI-N-BUTYL PHTHALATE	84-74-2	380	1700	ug/Kg		V
SS402393	0	2	IN	SS40039AE	DI-N-BUTYL PHTHALATE	84-74-2	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	DI-N-BUTYL PHTHALATE	84-74-2	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	DI-N-BUTYL PHTHALATE	84-74-2	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	DI-N-BUTYL PHTHALATE	84-74-2	350	53	ug/Kg	J	A
SS402993	0	2	IN	SS40045AE	DI-N-BUTYL PHTHALATE	84-74-2	340	51	ug/Kg	J	A
SS403093	0	2	IN	SS40046AE	DI-N-BUTYL PHTHALATE	84-74-2	700	160	ug/Kg	J	A
SS403193	0	2	IN	SS40047AE	DI-N-BUTYL PHTHALATE	84-74-2	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	DI-N-BUTYL PHTHALATE	84-74-2	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	DI-N-BUTYL PHTHALATE	84-74-2	630	67	ug/Kg	J	A
SS403493	0	2	IN	SS40050AE	DI-N-BUTYL PHTHALATE	84-74-2	420	420	ug/Kg	U	J
SS403593	0	2	IN	SS40051AE	DI-N-BUTYL PHTHALATE	84-74-2	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	DI-N-BUTYL PHTHALATE	84-74-2	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	DI-N-BUTYL PHTHALATE	84-74-2	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	DI-N-BUTYL PHTHALATE	84-74-2	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	DI-N-BUTYL PHTHALATE	84-74-2	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	DI-N-OCTYLPHTHALATE	117-84-0	360	100	ug/Kg	J	Z
05193	0	2	IN	SS00003AE	DI-N-OCTYLPHTHALATE	117-84-0	380	110	ug/Kg	J	A
05393	0	2	IN	SS00005AE	DI-N-OCTYLPHTHALATE	117-84-0	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	DI-N-OCTYLPHTHALATE	117-84-0	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	DI-N-OCTYLPHTHALATE	117-84-0	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	DI-N-OCTYLPHTHALATE	117-84-0	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	DI-N-OCTYLPHTHALATE	117-84-0	600	600	ug/Kg	U	J
40793	0	2	IN	SS40058AE	DI-N-OCTYLPHTHALATE	117-84-0	590	590	ug/Kg	U	J
40893	0	2	IN	SS40004AE	DI-N-OCTYLPHTHALATE	117-84-0	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	DI-N-OCTYLPHTHALATE	117-84-0	390	390	ug/Kg	U	J
41193	0	2	IN	SS40007AE	DI-N-OCTYLPHTHALATE	117-84-0	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	DI-N-OCTYLPHTHALATE	117-84-0	740	740	ug/Kg	U	J
41593	4	6	IN	SS40073AE	DI-N-OCTYLPHTHALATE	117-84-0	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	DI-N-OCTYLPHTHALATE	117-84-0	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	DI-N-OCTYLPHTHALATE	117-84-0	390	67	ug/Kg	J	
41993	0	2	IN	SS40009AE	DI-N-OCTYLPHTHALATE	117-84-0	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	DI-N-OCTYLPHTHALATE	117-84-0	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	DI-N-OCTYLPHTHALATE	117-84-0	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	DI-N-OCTYLPHTHALATE	117-84-0	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	DI-N-OCTYLPHTHALATE	117-84-0	360	360	ug/Kg	U	J
42593	4	6	IN	SS40082AE	DI-N-OCTYLPHTHALATE	117-84-0	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	DI-N-OCTYLPHTHALATE	117-84-0	520	58	ug/Kg	J	A

256

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42993	0	2	IN	SS40056AE	DI-N-OCTYLPHTHALATE	117-84-0	370	370	ug/Kg	U	J
43193	0	2	IN	SS40084AE	DI-N-OCTYLPHTHALATE	117-84-0	360	340	ug/Kg	J	
43393	4	6	IN	SS40087AE	DI-N-OCTYLPHTHALATE	117-84-0	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	DI-N-OCTYLPHTHALATE	117-84-0	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	DI-N-OCTYLPHTHALATE	117-84-0	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	DI-N-OCTYLPHTHALATE	117-84-0	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	DI-N-OCTYLPHTHALATE	117-84-0	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	DI-N-OCTYLPHTHALATE	117-84-0	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	DI-N-OCTYLPHTHALATE	117-84-0	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	DI-N-OCTYLPHTHALATE	117-84-0	380	380	ug/Kg	U	J
44893	0	2	IN	SS40070AE	DI-N-OCTYLPHTHALATE	117-84-0	440	440	ug/Kg	U	J
45693	0	2	IN	SS40094AE	DI-N-OCTYLPHTHALATE	117-84-0	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	DI-N-OCTYLPHTHALATE	117-84-0	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	DI-N-OCTYLPHTHALATE	117-84-0	420	240	ug/Kg		V
46693	4	6	IN	SS40141AE	DI-N-OCTYLPHTHALATE	117-84-0	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	DI-N-OCTYLPHTHALATE	117-84-0	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	DI-N-OCTYLPHTHALATE	117-84-0	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	DI-N-OCTYLPHTHALATE	117-84-0	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	DI-N-OCTYLPHTHALATE	117-84-0	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	DI-N-OCTYLPHTHALATE	117-84-0	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	DI-N-OCTYLPHTHALATE	117-84-0	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	DI-N-OCTYLPHTHALATE	117-84-0	360	360	ug/Kg	U	J
SS400793	0	2	IN	SS40023AE	DI-N-OCTYLPHTHALATE	117-84-0	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	DI-N-OCTYLPHTHALATE	117-84-0	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	DI-N-OCTYLPHTHALATE	117-84-0	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	DI-N-OCTYLPHTHALATE	117-84-0	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	DI-N-OCTYLPHTHALATE	117-84-0	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	DI-N-OCTYLPHTHALATE	117-84-0	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	DI-N-OCTYLPHTHALATE	117-84-0	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	DI-N-OCTYLPHTHALATE	117-84-0	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	DI-N-OCTYLPHTHALATE	117-84-0	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	DI-N-OCTYLPHTHALATE	117-84-0	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	DI-N-OCTYLPHTHALATE	117-84-0	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	DI-N-OCTYLPHTHALATE	117-84-0	350	350	ug/Kg	U	J
SS402993	0	2	IN	SS40045AE	DI-N-OCTYLPHTHALATE	117-84-0	340	39	ug/Kg	J	A
SS403093	0	2	IN	SS40046AE	DI-N-OCTYLPHTHALATE	117-84-0	700	120	ug/Kg	J	A
SS403193	0	2	IN	SS40047AE	DI-N-OCTYLPHTHALATE	117-84-0	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	DI-N-OCTYLPHTHALATE	117-84-0	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	DI-N-OCTYLPHTHALATE	117-84-0	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	DI-N-OCTYLPHTHALATE	117-84-0	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	DI-N-OCTYLPHTHALATE	117-84-0	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	DI-N-OCTYLPHTHALATE	117-84-0	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	DI-N-OCTYLPHTHALATE	117-84-0	330	59	ug/Kg	J	A
SS811193	0	3	IN	SSG0105JE	DI-N-OCTYLPHTHALATE	117-84-0	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	DI-N-OCTYLPHTHALATE	117-84-0	330	380	ug/Kg	U	V
05193	0	2	IN	SS00003AE	ENDOSULFAN I	959-98-8	9	9	ug/Kg	U	V
05393	0	2	IN	SS00005AE	ENDOSULFAN I	959-98-8	8.7	8.7	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	ENDOSULFAN I	959-98-8	11	11	ug/Kg	U	V
40293	0	2	IN	SS40042AE	ENDOSULFAN I	959-98-8	11	11	ug/Kg	U	V
40393	0	2	IN	SS40053AE	ENDOSULFAN I	959-98-8	11	11	ug/Kg	U	V
40693	0	2	IN	SS40057AE	ENDOSULFAN I	959-98-8	14	14	ug/Kg	U	V
40793	0	2	IN	SS40058AE	ENDOSULFAN I	959-98-8	14	14	ug/Kg	U	V
40893	0	2	IN	SS40004AE	ENDOSULFAN I	959-98-8	8	9.6	ug/Kg	U	V
40993	0	2	IN	SS40072AE	ENDOSULFAN I	959-98-8	9.4	9.4	ug/Kg	U	V
41193	0	2	IN	SS40007AE	ENDOSULFAN I	959-98-8	12	12	ug/Kg	U	V
41293	0	2	IN	SS40071AE	ENDOSULFAN I	959-98-8	18	18	ug/Kg	U	V
41593	4	6	IN	SS40073AE	ENDOSULFAN I	959-98-8	8.4	8.4	ug/Kg	U	V
41693	0	2	IN	SS40410AE	ENDOSULFAN I	959-98-8	11	11	ug/Kg	U	V
41793	0	2	IN	SS40077AE	ENDOSULFAN I	959-98-8	9.3	9.3	ug/Kg	U	V
41993	0	2	IN	SS40009AE	ENDOSULFAN I	959-98-8	9.5	9.5	ug/Kg	U	V
42093	0	2	IN	SS40480AE	ENDOSULFAN I	959-98-8	8.3	8.3	ug/Kg	U	V
42193	4	6	IN	SS40012AE	ENDOSULFAN I	959-98-8	8.3	8.3	ug/Kg	U	J
42393	0	2	IN	SS40079AE	ENDOSULFAN I	959-98-8	8.6	8.6	ug/Kg	U	V
42693	0	2	IN	SS40080AE	ENDOSULFAN I	959-98-8	13	13	ug/Kg	U	V
42993	0	2	IN	SS40056AE	ENDOSULFAN I	959-98-8	8.9	8.9	ug/Kg	U	V
43393	4	6	IN	SS40087AE	ENDOSULFAN I	959-98-8	8.4	8.4	ug/Kg	U	V
43693	4	6	IN	SS40089AE	ENDOSULFAN I	959-98-8	8.4	8.4	ug/Kg	U	V
43793	0	2	IN	SS40088AE	ENDOSULFAN I	959-98-8	9.1	9.1	ug/Kg	U	V
43893	0	2	IN	SS40010AE	ENDOSULFAN I	959-98-8	9.6	9.6	ug/Kg	U	V
43993	0	2	IN	SS40091AE	ENDOSULFAN I	959-98-8	9.2	9.2	ug/Kg	U	V
44093	0	2	IN	SS40090AE	ENDOSULFAN I	959-98-8	9.6	9.6	ug/Kg	U	V
44393	0	2	IN	SS40005AE	ENDOSULFAN I	959-98-8	9	9	ug/Kg	U	V
44893	0	2	IN	SS40070AE	ENDOSULFAN I	959-98-8	10	10	ug/Kg	U	V
45693	0	2	IN	SS40094AE	ENDOSULFAN I	959-98-8	11	11	ug/Kg	U	V
45793	0	2	IN	SS40015AE	ENDOSULFAN I	959-98-8	12	12	ug/Kg	U	V
46193	0	2	IN	SS40096AE	ENDOSULFAN I	959-98-8	10	10	ug/Kg	U	V
46693	4	6	IN	SS40141AE	ENDOSULFAN I	959-98-8	8	8.7	ug/Kg	U	V
46793	4	6	IN	SS40142AE	ENDOSULFAN I	959-98-8	8	8.9	ug/Kg	U	V

257

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46893	4	6	IN	SS40143AE	ENDOSULFAN I	959-98-8	8	8.9	ug/Kg	U	V
47093	0	1	IN	SS40145AE	ENDOSULFAN I	959-98-8	8	9.1	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	ENDOSULFAN I	959-98-8	11	11	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	ENDOSULFAN I	959-98-8	8.3	8.3	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	ENDOSULFAN I	959-98-8	8.2	8.2	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	ENDOSULFAN I	959-98-8	8.7	8.7	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	ENDOSULFAN I	959-98-8	9.1	9.1	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	ENDOSULFAN I	959-98-8	11	11	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	ENDOSULFAN I	959-98-8	12	12	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	ENDOSULFAN I	959-98-8	8.7	8.7	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	ENDOSULFAN I	959-98-8	11	11	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	ENDOSULFAN I	959-98-8	10	10	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	ENDOSULFAN I	959-98-8	8.5	8.5	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	ENDOSULFAN I	959-98-8	9	9	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	ENDOSULFAN I	959-98-8	9.2	9.2	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	ENDOSULFAN I	959-98-8	11	11	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	ENDOSULFAN I	959-98-8	8.8	8.8	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	ENDOSULFAN I	959-98-8	8.5	8.5	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	ENDOSULFAN I	959-98-8	8.2	8.2	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	ENDOSULFAN I	959-98-8	17	17	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	ENDOSULFAN I	959-98-8	11	11	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	ENDOSULFAN I	959-98-8	11	11	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	ENDOSULFAN I	959-98-8	15	15	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	ENDOSULFAN I	959-98-8	10	10	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	ENDOSULFAN I	959-98-8	9.4	9.4	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	ENDOSULFAN I	959-98-8	9.4	9.4	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	ENDOSULFAN I	959-98-8	8	9	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	ENDOSULFAN I	959-98-8	8	10	ug/Kg	U	V
05193	0	2	IN	SS00003AE	ENDOSULFAN II	33213-65-9	18	18	ug/Kg	U	V
05393	0	2	IN	SS00005AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	ENDOSULFAN II	33213-65-9	23	23	ug/Kg	U	V
40293	0	2	IN	SS40042AE	ENDOSULFAN II	33213-65-9	21	21	ug/Kg	U	V
40393	0	2	IN	SS40053AE	ENDOSULFAN II	33213-65-9	21	21	ug/Kg	U	V
40693	0	2	IN	SS40057AE	ENDOSULFAN II	33213-65-9	29	29	ug/Kg	U	V
40793	0	2	IN	SS40058AE	ENDOSULFAN II	33213-65-9	28	28	ug/Kg	U	V
40893	0	2	IN	SS40004AE	ENDOSULFAN II	33213-65-9	16	19	ug/Kg	U	V
40993	0	2	IN	SS40072AE	ENDOSULFAN II	33213-65-9	19	19	ug/Kg	U	V
41193	0	2	IN	SS40007AE	ENDOSULFAN II	33213-65-9	24	24	ug/Kg	U	V
41293	0	2	IN	SS40071AE	ENDOSULFAN II	33213-65-9	36	36	ug/Kg	U	V
41693	4	6	IN	SS40073AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	U	V
41693	0	2	IN	SS40410AE	ENDOSULFAN II	33213-65-9	21	21	ug/Kg	U	V
41793	0	2	IN	SS40077AE	ENDOSULFAN II	33213-65-9	19	19	ug/Kg	U	V
41993	0	2	IN	SS40009AE	ENDOSULFAN II	33213-65-9	19	19	ug/Kg	U	V
42093	0	2	IN	SS40480AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	U	V
42193	4	6	IN	SS40012AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	U	J
42393	0	2	IN	SS40079AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	U	V
42693	0	2	IN	SS40080AE	ENDOSULFAN II	33213-65-9	25	25	ug/Kg	U	V
42993	0	2	IN	SS40056AE	ENDOSULFAN II	33213-65-9	18	18	ug/Kg	U	V
43393	4	6	IN	SS40087AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	U	V
43693	4	6	IN	SS40089AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	U	V
43793	0	2	IN	SS40088AE	ENDOSULFAN II	33213-65-9	18	18	ug/Kg	U	V
43893	0	2	IN	SS40010AE	ENDOSULFAN II	33213-65-9	19	19	ug/Kg	U	V
43993	0	2	IN	SS40091AE	ENDOSULFAN II	33213-65-9	18	18	ug/Kg	U	V
44093	0	2	IN	SS40090AE	ENDOSULFAN II	33213-65-9	19	19	ug/Kg	U	V
44393	0	2	IN	SS40005AE	ENDOSULFAN II	33213-65-9	18	18	ug/Kg	U	V
44893	0	2	IN	SS40070AE	ENDOSULFAN II	33213-65-9	21	21	ug/Kg	U	V
45693	0	2	IN	SS40094AE	ENDOSULFAN II	33213-65-9	23	23	ug/Kg	U	V
45793	0	2	IN	SS40015AE	ENDOSULFAN II	33213-65-9	24	24	ug/Kg	U	V
46193	0	2	IN	SS40096AE	ENDOSULFAN II	33213-65-9	20	20	ug/Kg	U	V
46693	4	6	IN	SS40141AE	ENDOSULFAN II	33213-65-9	16	17	ug/Kg	U	V
46793	4	6	IN	SS40142AE	ENDOSULFAN II	33213-65-9	16	18	ug/Kg	U	V
46893	4	6	IN	SS40143AE	ENDOSULFAN II	33213-65-9	16	18	ug/Kg	U	V
47093	0	1	IN	SS40145AE	ENDOSULFAN II	33213-65-9	16	18	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	ENDOSULFAN II	33213-65-9	22	22	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	ENDOSULFAN II	33213-65-9	16	16	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	ENDOSULFAN II	33213-65-9	18	18	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	ENDOSULFAN II	33213-65-9	22	22	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	ENDOSULFAN II	33213-65-9	23	23	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	ENDOSULFAN II	33213-65-9	23	23	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	ENDOSULFAN II	33213-65-9	21	21	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	ENDOSULFAN II	33213-65-9	18	18	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	ENDOSULFAN II	33213-65-9	18	18	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	ENDOSULFAN II	33213-65-9	21	21	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	ENDOSULFAN II	33213-65-9	18	18	ug/Kg	U	V

258

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS402893	0	2	IN	SS40044AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	ENDOSULFAN II	33213-65-9	16	16	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	ENDOSULFAN II	33213-65-9	34	34	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	ENDOSULFAN II	33213-65-9	22	22	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	ENDOSULFAN II	33213-65-9	21	21	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	ENDOSULFAN II	33213-65-9	30	30	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	ENDOSULFAN II	33213-65-9	20	20	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	ENDOSULFAN II	33213-65-9	19	19	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	ENDOSULFAN II	33213-65-9	19	19	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	ENDOSULFAN II	33213-65-9	16	18	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	ENDOSULFAN II	33213-65-9	16	20	ug/Kg	U	V
05193	0	2	IN	SS00003AE	ENDOSULFAN SULFATE	1031-07-8	18	18	ug/Kg	U	V
05393	0	2	IN	SS00005AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	ENDOSULFAN SULFATE	1031-07-8	23	23	ug/Kg	U	V
40293	0	2	IN	SS40042AE	ENDOSULFAN SULFATE	1031-07-8	21	21	ug/Kg	U	V
40393	0	2	IN	SS40053AE	ENDOSULFAN SULFATE	1031-07-8	21	21	ug/Kg	U	V
40693	0	2	IN	SS40057AE	ENDOSULFAN SULFATE	1031-07-8	29	29	ug/Kg	U	V
40793	0	2	IN	SS40058AE	ENDOSULFAN SULFATE	1031-07-8	28	28	ug/Kg	U	V
40893	0	2	IN	SS40004AE	ENDOSULFAN SULFATE	1031-07-8	16	19	ug/Kg	U	V
40993	0	2	IN	SS40072AE	ENDOSULFAN SULFATE	1031-07-8	19	19	ug/Kg	U	V
41193	0	2	IN	SS40007AE	ENDOSULFAN SULFATE	1031-07-8	24	24	ug/Kg	U	V
41293	0	2	IN	SS40071AE	ENDOSULFAN SULFATE	1031-07-8	36	36	ug/Kg	U	V
41593	4	6	IN	SS40073AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	U	V
41693	0	2	IN	SS40410AE	ENDOSULFAN SULFATE	1031-07-8	21	21	ug/Kg	U	V
41793	0	2	IN	SS40077AE	ENDOSULFAN SULFATE	1031-07-8	19	19	ug/Kg	U	V
41993	0	2	IN	SS40009AE	ENDOSULFAN SULFATE	1031-07-8	19	19	ug/Kg	U	V
42093	0	2	IN	SS40480AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	U	V
42193	4	6	IN	SS40012AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	U	J
42393	0	2	IN	SS40079AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	U	V
42693	0	2	IN	SS40080AE	ENDOSULFAN SULFATE	1031-07-8	25	25	ug/Kg	U	V
42993	0	2	IN	SS40056AE	ENDOSULFAN SULFATE	1031-07-8	18	18	ug/Kg	U	V
43393	4	6	IN	SS40087AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	U	V
43693	4	6	IN	SS40089AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	U	V
43793	0	2	IN	SS40088AE	ENDOSULFAN SULFATE	1031-07-8	18	18	ug/Kg	U	V
43893	0	2	IN	SS40010AE	ENDOSULFAN SULFATE	1031-07-8	19	19	ug/Kg	U	V
43993	0	2	IN	SS40091AE	ENDOSULFAN SULFATE	1031-07-8	18	18	ug/Kg	U	V
44093	0	2	IN	SS40090AE	ENDOSULFAN SULFATE	1031-07-8	19	19	ug/Kg	U	V
44393	0	2	IN	SS40005AE	ENDOSULFAN SULFATE	1031-07-8	18	18	ug/Kg	U	V
44893	0	2	IN	SS40070AE	ENDOSULFAN SULFATE	1031-07-8	21	21	ug/Kg	U	V
45693	0	2	IN	SS40094AE	ENDOSULFAN SULFATE	1031-07-8	23	23	ug/Kg	U	V
45793	0	2	IN	SS40015AE	ENDOSULFAN SULFATE	1031-07-8	24	24	ug/Kg	U	V
46193	0	2	IN	SS40096AE	ENDOSULFAN SULFATE	1031-07-8	20	20	ug/Kg	U	V
46693	4	6	IN	SS40141AE	ENDOSULFAN SULFATE	1031-07-8	16	17	ug/Kg	U	V
46793	4	6	IN	SS40142AE	ENDOSULFAN SULFATE	1031-07-8	16	18	ug/Kg	U	V
46893	4	6	IN	SS40143AE	ENDOSULFAN SULFATE	1031-07-8	16	18	ug/Kg	U	V
47093	0	1	IN	SS40145AE	ENDOSULFAN SULFATE	1031-07-8	16	18	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	ENDOSULFAN SULFATE	1031-07-8	22	22	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	ENDOSULFAN SULFATE	1031-07-8	16	16	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	ENDOSULFAN SULFATE	1031-07-8	18	18	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	ENDOSULFAN SULFATE	1031-07-8	22	22	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	ENDOSULFAN SULFATE	1031-07-8	23	23	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	ENDOSULFAN SULFATE	1031-07-8	23	23	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	ENDOSULFAN SULFATE	1031-07-8	21	21	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	ENDOSULFAN SULFATE	1031-07-8	18	18	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	ENDOSULFAN SULFATE	1031-07-8	18	18	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	ENDOSULFAN SULFATE	1031-07-8	21	21	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	ENDOSULFAN SULFATE	1031-07-8	18	18	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	ENDOSULFAN SULFATE	1031-07-8	16	16	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	ENDOSULFAN SULFATE	1031-07-8	34	34	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	ENDOSULFAN SULFATE	1031-07-8	22	22	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	ENDOSULFAN SULFATE	1031-07-8	21	21	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	ENDOSULFAN SULFATE	1031-07-8	30	30	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	ENDOSULFAN SULFATE	1031-07-8	20	20	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	ENDOSULFAN SULFATE	1031-07-8	19	19	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	ENDOSULFAN SULFATE	1031-07-8	19	19	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	ENDOSULFAN SULFATE	1031-07-8	16	18	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	ENDOSULFAN SULFATE	1031-07-8	16	20	ug/Kg	U	V
05193	0	2	IN	SS00003AE	ENDRIN	72-20-8	18	18	ug/Kg	U	V
05393	0	2	IN	SS00005AE	ENDRIN	72-20-8	17	17	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	ENDRIN	72-20-8	23	23	ug/Kg	U	V
40293	0	2	IN	SS40042AE	ENDRIN	72-20-8	21	21	ug/Kg	U	V
40393	0	2	IN	SS40053AE	ENDRIN	72-20-8	21	21	ug/Kg	U	V
40693	0	2	IN	SS40057AE	ENDRIN	72-20-8	29	29	ug/Kg	U	V

259

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40793	0	2	IN	SS40058AE	ENDRIN	72-20-8	28	28	ug/Kg	U	V
40893	0	2	IN	SS40004AE	ENDRIN	72-20-8	16	19	ug/Kg	U	V
40993	0	2	IN	SS40072AE	ENDRIN	72-20-8	19	19	ug/Kg	U	V
41193	0	2	IN	SS40007AE	ENDRIN	72-20-8	24	24	ug/Kg	U	V
41293	0	2	IN	SS40071AE	ENDRIN	72-20-8	36	36	ug/Kg	U	V
41593	4	6	IN	SS40073AE	ENDRIN	72-20-8	17	17	ug/Kg	U	V
41693	0	2	IN	SS40410AE	ENDRIN	72-20-8	21	21	ug/Kg	U	V
41793	0	2	IN	SS40077AE	ENDRIN	72-20-8	19	19	ug/Kg	U	V
41993	0	2	IN	SS40009AE	ENDRIN	72-20-8	19	19	ug/Kg	U	V
42093	0	2	IN	SS40480AE	ENDRIN	72-20-8	17	17	ug/Kg	U	V
42193	4	6	IN	SS40012AE	ENDRIN	72-20-8	17	17	ug/Kg	U	J
42393	0	2	IN	SS40079AE	ENDRIN	72-20-8	17	17	ug/Kg	U	V
42693	0	2	IN	SS40080AE	ENDRIN	72-20-8	25	25	ug/Kg	U	V
42993	0	2	IN	SS40056AE	ENDRIN	72-20-8	18	18	ug/Kg	U	V
43393	4	6	IN	SS40087AE	ENDRIN	72-20-8	17	17	ug/Kg	U	V
43693	4	6	IN	SS40089AE	ENDRIN	72-20-8	17	17	ug/Kg	U	V
43793	0	2	IN	SS40088AE	ENDRIN	72-20-8	18	18	ug/Kg	U	V
43893	0	2	IN	SS40010AE	ENDRIN	72-20-8	19	19	ug/Kg	U	V
43993	0	2	IN	SS40091AE	ENDRIN	72-20-8	18	18	ug/Kg	U	V
44093	0	2	IN	SS40090AE	ENDRIN	72-20-8	19	19	ug/Kg	U	V
44393	0	2	IN	SS40005AE	ENDRIN	72-20-8	18	18	ug/Kg	U	V
44893	0	2	IN	SS40070AE	ENDRIN	72-20-8	21	21	ug/Kg	U	V
45693	0	2	IN	SS40094AE	ENDRIN	72-20-8	23	23	ug/Kg	U	V
45793	0	2	IN	SS40015AE	ENDRIN	72-20-8	24	24	ug/Kg	U	V
46193	0	2	IN	SS40096AE	ENDRIN	72-20-8	20	20	ug/Kg	U	V
46693	4	6	IN	SS40141AE	ENDRIN	72-20-8	16	17	ug/Kg	U	V
46793	4	6	IN	SS40142AE	ENDRIN	72-20-8	16	18	ug/Kg	U	V
46893	4	6	IN	SS40143AE	ENDRIN	72-20-8	16	18	ug/Kg	U	V
47093	0	1	IN	SS40145AE	ENDRIN	72-20-8	16	18	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	ENDRIN	72-20-8	22	22	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	ENDRIN	72-20-8	17	17	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	ENDRIN	72-20-8	16	16	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	ENDRIN	72-20-8	17	17	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	ENDRIN	72-20-8	18	18	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	ENDRIN	72-20-8	22	22	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	ENDRIN	72-20-8	23	23	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	ENDRIN	72-20-8	17	17	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	ENDRIN	72-20-8	23	23	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	ENDRIN	72-20-8	21	21	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	ENDRIN	72-20-8	17	17	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	ENDRIN	72-20-8	18	18	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	ENDRIN	72-20-8	18	18	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	ENDRIN	72-20-8	21	21	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	ENDRIN	72-20-8	18	18	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	ENDRIN	72-20-8	17	17	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	ENDRIN	72-20-8	16	16	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	ENDRIN	72-20-8	34	34	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	ENDRIN	72-20-8	22	22	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	ENDRIN	72-20-8	21	21	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	ENDRIN	72-20-8	30	30	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	ENDRIN	72-20-8	20	20	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	ENDRIN	72-20-8	19	19	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	ENDRIN	72-20-8	19	19	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	ENDRIN	72-20-8	16	18	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	ENDRIN	72-20-8	16	20	ug/Kg	U	V
05193	0	2	IN	SS00003AE	ENDRIN KETONE	53494-70-5	18	18	ug/Kg	U	V
05393	0	2	IN	SS00005AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	ENDRIN KETONE	53494-70-5	23	23	ug/Kg	U	V
40293	0	2	IN	SS40042AE	ENDRIN KETONE	53494-70-5	21	21	ug/Kg	U	V
40393	0	2	IN	SS40053AE	ENDRIN KETONE	53494-70-5	21	21	ug/Kg	U	V
40693	0	2	IN	SS40057AE	ENDRIN KETONE	53494-70-5	29	29	ug/Kg	U	V
40793	0	2	IN	SS40058AE	ENDRIN KETONE	53494-70-5	28	28	ug/Kg	U	V
40893	0	2	IN	SS40004AE	ENDRIN KETONE	53494-70-5	16	19	ug/Kg	U	V
40993	0	2	IN	SS40072AE	ENDRIN KETONE	53494-70-5	19	19	ug/Kg	U	V
41193	0	2	IN	SS40007AE	ENDRIN KETONE	53494-70-5	24	24	ug/Kg	U	V
41293	0	2	IN	SS40071AE	ENDRIN KETONE	53494-70-5	36	36	ug/Kg	U	V
41593	4	6	IN	SS40073AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	U	V
41693	0	2	IN	SS40410AE	ENDRIN KETONE	53494-70-5	21	21	ug/Kg	U	V
41793	0	2	IN	SS40077AE	ENDRIN KETONE	53494-70-5	19	19	ug/Kg	U	V
41993	0	2	IN	SS40009AE	ENDRIN KETONE	53494-70-5	19	19	ug/Kg	U	V
42093	0	2	IN	SS40480AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	U	V
42193	4	6	IN	SS40012AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	U	J
42393	0	2	IN	SS40079AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	U	V
42693	0	2	IN	SS40080AE	ENDRIN KETONE	53494-70-5	25	25	ug/Kg	U	V
42993	0	2	IN	SS40056AE	ENDRIN KETONE	53494-70-5	18	18	ug/Kg	U	V
43393	4	6	IN	SS40087AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	U	V
43693	4	6	IN	SS40089AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	U	V
43793	0	2	IN	SS40088AE	ENDRIN KETONE	53494-70-5	18	18	ug/Kg	U	V

260

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43893	0	2	IN	SS40010AE	ENDRIN KETONE	53494-70-5	19	19	ug/Kg	U	V
43993	0	2	IN	SS40091AE	ENDRIN KETONE	53494-70-5	18	18	ug/Kg	U	V
44093	0	2	IN	SS40090AE	ENDRIN KETONE	53494-70-5	19	19	ug/Kg	U	V
44393	0	2	IN	SS40005AE	ENDRIN KETONE	53494-70-5	18	18	ug/Kg	U	V
44893	0	2	IN	SS40070AE	ENDRIN KETONE	53494-70-5	21	21	ug/Kg	U	V
45693	0	2	IN	SS40094AE	ENDRIN KETONE	53494-70-5	23	23	ug/Kg	U	V
45793	0	2	IN	SS40015AE	ENDRIN KETONE	53494-70-5	24	24	ug/Kg	U	V
46193	0	2	IN	SS40096AE	ENDRIN KETONE	53494-70-5	20	20	ug/Kg	U	V
46693	4	6	IN	SS40141AE	ENDRIN KETONE	53494-70-5	16	17	ug/Kg	U	V
46793	4	6	IN	SS40142AE	ENDRIN KETONE	53494-70-5	16	18	ug/Kg	U	V
46893	4	6	IN	SS40143AE	ENDRIN KETONE	53494-70-5	16	18	ug/Kg	U	V
47093	0	1	IN	SS40145AE	ENDRIN KETONE	53494-70-5	16	18	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	ENDRIN KETONE	53494-70-5	22	22	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	ENDRIN KETONE	53494-70-5	16	16	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	ENDRIN KETONE	53494-70-5	18	18	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	ENDRIN KETONE	53494-70-5	22	22	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	ENDRIN KETONE	53494-70-5	23	23	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	ENDRIN KETONE	53494-70-5	23	23	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	ENDRIN KETONE	53494-70-5	21	21	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	ENDRIN KETONE	53494-70-5	18	18	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	ENDRIN KETONE	53494-70-5	18	18	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	ENDRIN KETONE	53494-70-5	21	21	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	ENDRIN KETONE	53494-70-5	18	18	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	ENDRIN KETONE	53494-70-5	16	16	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	ENDRIN KETONE	53494-70-5	34	34	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	ENDRIN KETONE	53494-70-5	22	22	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	ENDRIN KETONE	53494-70-5	21	21	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	ENDRIN KETONE	53494-70-5	30	30	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	ENDRIN KETONE	53494-70-5	20	20	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	ENDRIN KETONE	53494-70-5	19	19	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	ENDRIN KETONE	53494-70-5	19	19	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	ENDRIN KETONE	53494-70-5	16	18	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	ENDRIN KETONE	53494-70-5	16	20	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
05093	0	2	IN	SS00002AE	FLUORANTHENE	206-44-0	360	560	ug/Kg		Z
05193	0	2	IN	SS00003AE	FLUORANTHENE	206-44-0	380	66	ug/Kg	J	A
05393	0	2	IN	SS00005AE	FLUORANTHENE	206-44-0	360	110	ug/Kg	J	Z
40093	0	2	IN	SS40060AE	FLUORANTHENE	206-44-0	480	480	ug/Kg	U	V
40298	0	2	IN	SS40042AE	FLUORANTHENE	206-44-0	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	FLUORANTHENE	206-44-0	440	70	ug/Kg	J	A
40693	0	2	IN	SS40057AE	FLUORANTHENE	206-44-0	600	1200	ug/Kg		V
40793	0	2	IN	SS40058AE	FLUORANTHENE	206-44-0	590	1400	ug/Kg		V
40893	0	2	IN	SS40004AE	FLUORANTHENE	206-44-0	330	190	ug/Kg	J	A
40993	0	2	IN	SS40072AE	FLUORANTHENE	206-44-0	390	770	ug/Kg		V
41193	0	2	IN	SS40007AE	FLUORANTHENE	206-44-0	500	370	ug/Kg	J	A
41293	0	2	IN	SS40071AE	FLUORANTHENE	206-44-0	740	430	ug/Kg	J	A
41593	4	6	IN	SS40073AE	FLUORANTHENE	206-44-0	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	FLUORANTHENE	206-44-0	450	140	ug/Kg	J	A
41793	0	2	IN	SS40077AE	FLUORANTHENE	206-44-0	390	200	ug/Kg	J	
41993	0	2	IN	SS40009AE	FLUORANTHENE	206-44-0	400	230	ug/Kg	J	
42093	0	2	IN	SS40480AE	FLUORANTHENE	206-44-0	350	48	ug/Kg	J	A
42193	4	6	IN	SS40012AE	FLUORANTHENE	206-44-0	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	FLUORANTHENE	206-44-0	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	FLUORANTHENE	206-44-0	360	500	ug/Kg		V
42593	4	6	IN	SS40082AE	FLUORANTHENE	206-44-0	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	FLUORANTHENE	206-44-0	520	130	ug/Kg	J	A
42993	0	2	IN	SS40056AE	FLUORANTHENE	206-44-0	370	150	ug/Kg	J	A
43193	0	2	IN	SS40084AE	FLUORANTHENE	206-44-0	360	97	ug/Kg	J	
43393	4	6	IN	SS40087AE	FLUORANTHENE	206-44-0	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	FLUORANTHENE	206-44-0	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	FLUORANTHENE	206-44-0	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	FLUORANTHENE	206-44-0	380	120	ug/Kg	J	A
43893	0	2	IN	SS40010AE	FLUORANTHENE	206-44-0	400	280	ug/Kg	J	A
43993	0	2	IN	SS40091AE	FLUORANTHENE	206-44-0	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	FLUORANTHENE	206-44-0	400	99	ug/Kg	J	
44393	0	2	IN	SS40005AE	FLUORANTHENE	206-44-0	380	160	ug/Kg	J	A
44893	0	2	IN	SS40070AE	FLUORANTHENE	206-44-0	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	FLUORANTHENE	206-44-0	480	540	ug/Kg		V
45793	0	2	IN	SS40015AE	FLUORANTHENE	206-44-0	500	1100	ug/Kg		V
46193	0	2	IN	SS40096AE	FLUORANTHENE	206-44-0	420	190	ug/Kg	J	A
46693	4	6	IN	SS40141AE	FLUORANTHENE	206-44-0	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	FLUORANTHENE	206-44-0	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	FLUORANTHENE	206-44-0	330	370	ug/Kg	U	V

261

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
47093	0	1	IN	SS40145AE	FLUORANTHENE	206-44-0	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	FLUORANTHENE	206-44-0	460	320	ug/Kg	J	A
SS400393	0	2	IN	SS40019AE	FLUORANTHENE	206-44-0	350	340	ug/Kg	J	A
SS400593	0	2	IN	SS40021AE	FLUORANTHENE	206-44-0	340	108	ug/Kg	J	A
SS400693	0	2	IN	SS40022AE	FLUORANTHENE	206-44-0	360	47	ug/Kg	J	A
SS400793	0	2	IN	SS40023AE	FLUORANTHENE	206-44-0	380	200	ug/Kg	J	A
SS400893	0	2	IN	SS40024AE	FLUORANTHENE	206-44-0	460	110	ug/Kg	J	A
SS401193	0	2	IN	SS40027AE	FLUORANTHENE	206-44-0	480	65	ug/Kg	J	A
SS401293	0	2	IN	SS40028AE	FLUORANTHENE	206-44-0	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	FLUORANTHENE	206-44-0	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	FLUORANTHENE	206-44-0	430	710	ug/Kg		V
SS401693	0	2	IN	SS40032AE	FLUORANTHENE	206-44-0	360	250	ug/Kg	J	A
SS401893	0	2	IN	SS40034AE	FLUORANTHENE	206-44-0	380	310	ug/Kg	J	A
SS402393	0	2	IN	SS40039AE	FLUORANTHENE	206-44-0	380	310	ug/Kg	J	A
SS402593	0	2	IN	SS40041AE	FLUORANTHENE	206-44-0	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	FLUORANTHENE	206-44-0	370	1000	ug/Kg		V
SS402893	0	2	IN	SS40044AE	FLUORANTHENE	206-44-0	350	210	ug/Kg	J	A
SS402993	0	2	IN	SS40045AE	FLUORANTHENE	206-44-0	340	63	ug/Kg	J	A
SS403093	0	2	IN	SS40046AE	FLUORANTHENE	206-44-0	700	300	ug/Kg	J	A
SS403193	0	2	IN	SS40047AE	FLUORANTHENE	206-44-0	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	FLUORANTHENE	206-44-0	440	220	ug/Kg	J	A
SS403393	0	2	IN	SS40049AE	FLUORANTHENE	206-44-0	630	98	ug/Kg	J	A
SS403493	0	2	IN	SS40050AE	FLUORANTHENE	206-44-0	420	43	ug/Kg	J	A
SS403593	0	2	IN	SS40051AE	FLUORANTHENE	206-44-0	390	40	ug/Kg	J	A
SS403693	0	2	IN	SS40052AE	FLUORANTHENE	206-44-0	390	200	ug/Kg	J	A
SS810893	0	3	IN	SSG0102JE	FLUORANTHENE	206-44-0	330	340	ug/Kg	J	A
SS811193	0	3	IN	SSG0105JE	FLUORANTHENE	206-44-0	330	1100	ug/Kg		V
SS811493	0	3	IN	SSG0108JE	FLUORANTHENE	206-44-0	330	2900	ug/Kg		V
05093	0	2	IN	SS00002AE	FLUORENE	86-73-7	360	40	ug/Kg	J	Z
05198	0	2	IN	SS00003AE	FLUORENE	86-73-7	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	FLUORENE	86-73-7	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	FLUORENE	86-73-7	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	FLUORENE	86-73-7	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	FLUORENE	86-73-7	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	FLUORENE	86-73-7	600	110	ug/Kg	J	A
40793	0	2	IN	SS40058AE	FLUORENE	86-73-7	590	140	ug/Kg	J	A
40893	0	2	IN	SS40004AE	FLUORENE	86-73-7	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	FLUORENE	86-73-7	390	52	ug/Kg	J	A
41193	0	2	IN	SS40007AE	FLUORENE	86-73-7	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	FLUORENE	86-73-7	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	FLUORENE	86-73-7	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	FLUORENE	86-73-7	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	FLUORENE	86-73-7	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	FLUORENE	86-73-7	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	FLUORENE	86-73-7	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	FLUORENE	86-73-7	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	FLUORENE	86-73-7	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	FLUORENE	86-73-7	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	FLUORENE	86-73-7	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	FLUORENE	86-73-7	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	FLUORENE	86-73-7	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	FLUORENE	86-73-7	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	FLUORENE	86-73-7	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	FLUORENE	86-73-7	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	FLUORENE	86-73-7	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	FLUORENE	86-73-7	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	FLUORENE	86-73-7	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	FLUORENE	86-73-7	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	FLUORENE	86-73-7	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	FLUORENE	86-73-7	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	FLUORENE	86-73-7	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	FLUORENE	86-73-7	480	52	ug/Kg	J	A
45793	0	2	IN	SS40015AE	FLUORENE	86-73-7	500	110	ug/Kg	J	A
46193	0	2	IN	SS40096AE	FLUORENE	86-73-7	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	FLUORENE	86-73-7	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	FLUORENE	86-73-7	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	FLUORENE	86-73-7	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	FLUORENE	86-73-7	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	FLUORENE	86-73-7	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	FLUORENE	86-73-7	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	FLUORENE	86-73-7	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	FLUORENE	86-73-7	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	FLUORENE	86-73-7	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	FLUORENE	86-73-7	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	FLUORENE	86-73-7	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	FLUORENE	86-73-7	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	FLUORENE	86-73-7	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	FLUORENE	86-73-7	430	93	ug/Kg	J	A

262

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS401693	0	2	IN	SS40032AE	FLUORENE	86-73-7	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	FLUORENE	86-73-7	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	FLUORENE	86-73-7	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	FLUORENE	86-73-7	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	FLUORENE	86-73-7	370	75	ug/Kg	J	A
SS402893	0	2	IN	SS40044AE	FLUORENE	86-73-7	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	FLUORENE	86-73-7	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	FLUORENE	86-73-7	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	FLUORENE	86-73-7	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	FLUORENE	86-73-7	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	FLUORENE	86-73-7	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	FLUORENE	86-73-7	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	FLUORENE	86-73-7	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	FLUORENE	86-73-7	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	FLUORENE	86-73-7	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	FLUORENE	86-73-7	330	39	ug/Kg	J	A
SS811493	0	3	IN	SSG0108JE	FLUORENE	86-73-7	330	380	ug/Kg		V
05193	0	2	IN	SS00003AE	GAMMA-BHC [LINDANE]	58-89-9	9	9	ug/Kg	U	V
05393	0	2	IN	SS00005AE	GAMMA-BHC [LINDANE]	58-89-9	8.7	8.7	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	GAMMA-BHC [LINDANE]	58-89-9	11	11	ug/Kg	U	V
40293	0	2	IN	SS40042AE	GAMMA-BHC [LINDANE]	58-89-9	11	11	ug/Kg	U	V
40393	0	2	IN	SS40053AE	GAMMA-BHC [LINDANE]	58-89-9	11	11	ug/Kg	U	V
40693	0	2	IN	SS40057AE	GAMMA-BHC [LINDANE]	58-89-9	14	14	ug/Kg	U	V
40793	0	2	IN	SS40058AE	GAMMA-BHC [LINDANE]	58-89-9	14	14	ug/Kg	U	V
40893	0	2	IN	SS40004AE	GAMMA-BHC [LINDANE]	58-89-9	8	9.6	ug/Kg	U	V
40993	0	2	IN	SS40072AE	GAMMA-BHC [LINDANE]	58-89-9	9.4	9.4	ug/Kg	U	V
41193	0	2	IN	SS40007AE	GAMMA-BHC [LINDANE]	58-89-9	12	12	ug/Kg	U	V
41293	0	2	IN	SS40071AE	GAMMA-BHC [LINDANE]	58-89-9	18	18	ug/Kg	U	V
41593	4	6	IN	SS40073AE	GAMMA-BHC [LINDANE]	58-89-9	8.4	8.4	ug/Kg	U	V
41693	0	2	IN	SS40410AE	GAMMA-BHC [LINDANE]	58-89-9	11	11	ug/Kg	U	V
41793	0	2	IN	SS40077AE	GAMMA-BHC [LINDANE]	58-89-9	9.3	9.3	ug/Kg	U	V
41993	0	2	IN	SS40009AE	GAMMA-BHC [LINDANE]	58-89-9	9.5	9.5	ug/Kg	U	V
42093	0	2	IN	SS40480AE	GAMMA-BHC [LINDANE]	58-89-9	8.3	8.3	ug/Kg	U	V
42193	4	6	IN	SS40012AE	GAMMA-BHC [LINDANE]	58-89-9	8.3	8.3	ug/Kg	U	J
42393	0	2	IN	SS40079AE	GAMMA-BHC [LINDANE]	58-89-9	8.6	8.6	ug/Kg	U	V
42693	0	2	IN	SS40080AE	GAMMA-BHC [LINDANE]	58-89-9	13	13	ug/Kg	U	V
42993	0	2	IN	SS40056AE	GAMMA-BHC [LINDANE]	58-89-9	8.9	8.9	ug/Kg	U	V
43393	4	6	IN	SS40087AE	GAMMA-BHC [LINDANE]	58-89-9	8.4	8.4	ug/Kg	U	V
43693	4	6	IN	SS40089AE	GAMMA-BHC [LINDANE]	58-89-9	8.4	8.4	ug/Kg	U	V
43793	0	2	IN	SS40088AE	GAMMA-BHC [LINDANE]	58-89-9	9.1	9.1	ug/Kg	U	V
43893	0	2	IN	SS40010AE	GAMMA-BHC [LINDANE]	58-89-9	9.6	9.6	ug/Kg	U	V
43993	0	2	IN	SS40091AE	GAMMA-BHC [LINDANE]	58-89-9	9.2	9.2	ug/Kg	U	V
44093	0	2	IN	SS40090AE	GAMMA-BHC [LINDANE]	58-89-9	9.6	9.6	ug/Kg	U	V
44393	0	2	IN	SS40005AE	GAMMA-BHC [LINDANE]	58-89-9	9	9	ug/Kg	U	V
44893	0	2	IN	SS40070AE	GAMMA-BHC [LINDANE]	58-89-9	10	10	ug/Kg	U	V
45093	0	2	IN	SS40094AE	GAMMA-BHC [LINDANE]	58-89-9	11	11	ug/Kg	U	V
45793	0	2	IN	SS40015AE	GAMMA-BHC [LINDANE]	58-89-9	12	12	ug/Kg	U	V
46193	0	2	IN	SS40096AE	GAMMA-BHC [LINDANE]	58-89-9	10	10	ug/Kg	U	V
46693	4	6	IN	SS40141AE	GAMMA-BHC [LINDANE]	58-89-9	8	8.7	ug/Kg	U	V
46793	4	6	IN	SS40142AE	GAMMA-BHC [LINDANE]	58-89-9	8	8.9	ug/Kg	U	V
46893	4	6	IN	SS40143AE	GAMMA-BHC [LINDANE]	58-89-9	8	8.9	ug/Kg	U	V
47093	0	1	IN	SS40145AE	GAMMA-BHC [LINDANE]	58-89-9	8	9.1	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	GAMMA-BHC [LINDANE]	58-89-9	11	11	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	GAMMA-BHC [LINDANE]	58-89-9	8.3	8.3	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	GAMMA-BHC [LINDANE]	58-89-9	8.2	8.2	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	GAMMA-BHC [LINDANE]	58-89-9	8.7	8.7	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	GAMMA-BHC [LINDANE]	58-89-9	9.1	9.1	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	GAMMA-BHC [LINDANE]	58-89-9	11	11	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	GAMMA-BHC [LINDANE]	58-89-9	12	12	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	GAMMA-BHC [LINDANE]	58-89-9	8.7	8.7	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	GAMMA-BHC [LINDANE]	58-89-9	11	11	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	GAMMA-BHC [LINDANE]	58-89-9	10	10	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	GAMMA-BHC [LINDANE]	58-89-9	8.5	8.5	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	GAMMA-BHC [LINDANE]	58-89-9	9	9	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	GAMMA-BHC [LINDANE]	58-89-9	9.2	9.2	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	GAMMA-BHC [LINDANE]	58-89-9	11	11	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	GAMMA-BHC [LINDANE]	58-89-9	8.8	8.8	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	GAMMA-BHC [LINDANE]	58-89-9	8.5	8.5	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	GAMMA-BHC [LINDANE]	58-89-9	8.2	8.2	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	GAMMA-BHC [LINDANE]	58-89-9	17	17	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	GAMMA-BHC [LINDANE]	58-89-9	11	11	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	GAMMA-BHC [LINDANE]	58-89-9	11	11	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	GAMMA-BHC [LINDANE]	58-89-9	15	15	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	GAMMA-BHC [LINDANE]	58-89-9	10	10	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	GAMMA-BHC [LINDANE]	58-89-9	9.4	9.4	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	GAMMA-BHC [LINDANE]	58-89-9	9.4	9.4	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	GAMMA-BHC [LINDANE]	58-89-9	8	9	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	GAMMA-BHC [LINDANE]	58-89-9	8	10	ug/Kg	U	V

263

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS810893	0	3	IN	SSG0102JE	GASOLINE	8006-61-9	100	520	ug/Kg	U	Y
SS811193	0	3	IN	SSG0105JE	GASOLINE	8006-61-9	100	530	ug/Kg	U	Y
SS811493	0	3	IN	SSG0108JE	GASOLINE	8006-61-9	100	570	ug/Kg	U	Y
05193	0	2	IN	SS00003AE	HEPTACHLOR	76-44-8	9	9	ug/Kg	U	V
05393	0	2	IN	SS00005AE	HEPTACHLOR	76-44-8	8.7	8.7	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	HEPTACHLOR	76-44-8	11	11	ug/Kg	U	V
40293	0	2	IN	SS40042AE	HEPTACHLOR	76-44-8	11	11	ug/Kg	U	V
40393	0	2	IN	SS40053AE	HEPTACHLOR	76-44-8	11	11	ug/Kg	U	V
40693	0	2	IN	SS40057AE	HEPTACHLOR	76-44-8	14	14	ug/Kg	U	V
40793	0	2	IN	SS40058AE	HEPTACHLOR	76-44-8	14	14	ug/Kg	U	V
40893	0	2	IN	SS40004AE	HEPTACHLOR	76-44-8	8	9.6	ug/Kg	U	V
40993	0	2	IN	SS40072AE	HEPTACHLOR	76-44-8	9.4	9.4	ug/Kg	U	V
41193	0	2	IN	SS40007AE	HEPTACHLOR	76-44-8	12	12	ug/Kg	U	V
41293	0	2	IN	SS40071AE	HEPTACHLOR	76-44-8	18	18	ug/Kg	U	V
41593	4	6	IN	SS40073AE	HEPTACHLOR	76-44-8	8.4	8.4	ug/Kg	U	V
41693	0	2	IN	SS40410AE	HEPTACHLOR	76-44-8	11	11	ug/Kg	U	V
41793	0	2	IN	SS40077AE	HEPTACHLOR	76-44-8	9.3	9.3	ug/Kg	U	V
41993	0	2	IN	SS40009AE	HEPTACHLOR	76-44-8	9.5	9.5	ug/Kg	U	V
42093	0	2	IN	SS40480AE	HEPTACHLOR	76-44-8	8.3	8.3	ug/Kg	U	V
42193	4	6	IN	SS40012AE	HEPTACHLOR	76-44-8	8.3	8.3	ug/Kg	U	J
42393	0	2	IN	SS40079AE	HEPTACHLOR	76-44-8	8.6	8.6	ug/Kg	U	V
42693	0	2	IN	SS40080AE	HEPTACHLOR	76-44-8	13	13	ug/Kg	U	V
42993	0	2	IN	SS40056AE	HEPTACHLOR	76-44-8	8.9	8.9	ug/Kg	U	V
43393	4	6	IN	SS40087AE	HEPTACHLOR	76-44-8	8.4	8.4	ug/Kg	U	V
43693	4	6	IN	SS40089AE	HEPTACHLOR	76-44-8	8.4	8.4	ug/Kg	U	V
43793	0	2	IN	SS40088AE	HEPTACHLOR	76-44-8	9.1	9.1	ug/Kg	U	V
43893	0	2	IN	SS40010AE	HEPTACHLOR	76-44-8	9.6	9.6	ug/Kg	U	V
43993	0	2	IN	SS40091AE	HEPTACHLOR	76-44-8	9.2	9.2	ug/Kg	U	V
44093	0	2	IN	SS40090AE	HEPTACHLOR	76-44-8	9.6	9.6	ug/Kg	U	V
44393	0	2	IN	SS40005AE	HEPTACHLOR	76-44-8	9	9	ug/Kg	U	V
44893	0	2	IN	SS40070AE	HEPTACHLOR	76-44-8	10	10	ug/Kg	U	V
45693	0	2	IN	SS40094AE	HEPTACHLOR	76-44-8	11	11	ug/Kg	U	V
45793	0	2	IN	SS40015AE	HEPTACHLOR	76-44-8	12	12	ug/Kg	U	V
46193	0	2	IN	SS40096AE	HEPTACHLOR	76-44-8	10	10	ug/Kg	U	V
46693	4	6	IN	SS40141AE	HEPTACHLOR	76-44-8	8	8.7	ug/Kg	U	V
46793	4	6	IN	SS40142AE	HEPTACHLOR	76-44-8	8	8.9	ug/Kg	U	V
46893	4	6	IN	SS40143AE	HEPTACHLOR	76-44-8	8	8.9	ug/Kg	U	V
47093	0	1	IN	SS40145AE	HEPTACHLOR	76-44-8	8	9.1	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	HEPTACHLOR	76-44-8	11	11	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	HEPTACHLOR	76-44-8	8.3	8.3	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	HEPTACHLOR	76-44-8	8.2	8.2	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	HEPTACHLOR	76-44-8	8.7	8.7	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	HEPTACHLOR	76-44-8	9.1	9.1	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	HEPTACHLOR	76-44-8	11	11	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	HEPTACHLOR	76-44-8	12	12	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	HEPTACHLOR	76-44-8	8.7	8.7	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	HEPTACHLOR	76-44-8	11	11	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	HEPTACHLOR	76-44-8	10	10	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	HEPTACHLOR	76-44-8	8.5	8.5	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	HEPTACHLOR	76-44-8	9	9	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	HEPTACHLOR	76-44-8	9.2	9.2	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	HEPTACHLOR	76-44-8	11	11	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	HEPTACHLOR	76-44-8	8.8	8.8	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	HEPTACHLOR	76-44-8	8.5	8.5	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	HEPTACHLOR	76-44-8	8.2	8.2	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	HEPTACHLOR	76-44-8	17	17	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	HEPTACHLOR	76-44-8	11	11	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	HEPTACHLOR	76-44-8	11	11	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	HEPTACHLOR	76-44-8	15	15	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	HEPTACHLOR	76-44-8	10	10	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	HEPTACHLOR	76-44-8	9.4	9.4	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	HEPTACHLOR	76-44-8	9.4	9.4	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	HEPTACHLOR	76-44-8	8	9	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	HEPTACHLOR	76-44-8	8	10	ug/Kg	U	V
05193	0	2	IN	SS00003AE	HEPTACHLOR EPOXIDE	1024-57-3	9	9	ug/Kg	U	V
05393	0	2	IN	SS00005AE	HEPTACHLOR EPOXIDE	1024-57-3	8.7	8.7	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	HEPTACHLOR EPOXIDE	1024-57-3	11	11	ug/Kg	U	V
40293	0	2	IN	SS40042AE	HEPTACHLOR EPOXIDE	1024-57-3	11	11	ug/Kg	U	V
40393	0	2	IN	SS40053AE	HEPTACHLOR EPOXIDE	1024-57-3	11	11	ug/Kg	U	V
40693	0	2	IN	SS40057AE	HEPTACHLOR EPOXIDE	1024-57-3	14	14	ug/Kg	U	V
40793	0	2	IN	SS40058AE	HEPTACHLOR EPOXIDE	1024-57-3	14	14	ug/Kg	U	V
40893	0	2	IN	SS40004AE	HEPTACHLOR EPOXIDE	1024-57-3	8	9.6	ug/Kg	U	V
40993	0	2	IN	SS40072AE	HEPTACHLOR EPOXIDE	1024-57-3	9.4	9.4	ug/Kg	U	V
41193	0	2	IN	SS40007AE	HEPTACHLOR EPOXIDE	1024-57-3	12	12	ug/Kg	U	V
41293	0	2	IN	SS40071AE	HEPTACHLOR EPOXIDE	1024-57-3	18	18	ug/Kg	U	V
41593	4	6	IN	SS40073AE	HEPTACHLOR EPOXIDE	1024-57-3	8.4	8.4	ug/Kg	U	V
41693	0	2	IN	SS40410AE	HEPTACHLOR EPOXIDE	1024-57-3	11	11	ug/Kg	U	V
41793	0	2	IN	SS40077AE	HEPTACHLOR EPOXIDE	1024-57-3	9.3	9.3	ug/Kg	U	V

264

Table A-2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41993	0	2	IN	SS40009AE	HEPTACHLOR EPOXIDE	1024-57-3	9.5	9.5	ug/Kg	U	V
42093	0	2	IN	SS40480AE	HEPTACHLOR EPOXIDE	1024-57-3	8.3	8.3	ug/Kg	U	V
42193	4	6	IN	SS40012AE	HEPTACHLOR EPOXIDE	1024-57-3	8.3	8.3	ug/Kg	U	J
42393	0	2	IN	SS40079AE	HEPTACHLOR EPOXIDE	1024-57-3	8.6	8.6	ug/Kg	U	V
42693	0	2	IN	SS40080AE	HEPTACHLOR EPOXIDE	1024-57-3	13	13	ug/Kg	U	V
42998	0	2	IN	SS40056AE	HEPTACHLOR EPOXIDE	1024-57-3	8.9	8.9	ug/Kg	U	V
43393	4	6	IN	SS40087AE	HEPTACHLOR EPOXIDE	1024-57-3	8.4	8.4	ug/Kg	U	V
43693	4	6	IN	SS40089AE	HEPTACHLOR EPOXIDE	1024-57-3	8.4	8.4	ug/Kg	U	V
43793	0	2	IN	SS40088AE	HEPTACHLOR EPOXIDE	1024-57-3	9.1	9.1	ug/Kg	U	V
43893	0	2	IN	SS40010AE	HEPTACHLOR EPOXIDE	1024-57-3	9.6	9.6	ug/Kg	U	V
43993	0	2	IN	SS40091AE	HEPTACHLOR EPOXIDE	1024-57-3	9.2	9.2	ug/Kg	U	V
44093	0	2	IN	SS40090AE	HEPTACHLOR EPOXIDE	1024-57-3	9.6	9.6	ug/Kg	U	V
44393	0	2	IN	SS40005AE	HEPTACHLOR EPOXIDE	1024-57-3	9	9	ug/Kg	U	V
44893	0	2	IN	SS40070AE	HEPTACHLOR EPOXIDE	1024-57-3	10	10	ug/Kg	U	V
45693	0	2	IN	SS40094AE	HEPTACHLOR EPOXIDE	1024-57-3	11	11	ug/Kg	U	V
45793	0	2	IN	SS40015AE	HEPTACHLOR EPOXIDE	1024-57-3	12	12	ug/Kg	U	V
46193	0	2	IN	SS40096AE	HEPTACHLOR EPOXIDE	1024-57-3	10	10	ug/Kg	U	V
46693	4	6	IN	SS40141AE	HEPTACHLOR EPOXIDE	1024-57-3	8	8.7	ug/Kg	U	V
46793	4	6	IN	SS40142AE	HEPTACHLOR EPOXIDE	1024-57-3	8	8.9	ug/Kg	U	V
46893	4	6	IN	SS40143AE	HEPTACHLOR EPOXIDE	1024-57-3	8	8.9	ug/Kg	U	V
47093	0	1	IN	SS40145AE	HEPTACHLOR EPOXIDE	1024-57-3	8	9.1	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	HEPTACHLOR EPOXIDE	1024-57-3	11	11	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	HEPTACHLOR EPOXIDE	1024-57-3	8.3	8.3	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	HEPTACHLOR EPOXIDE	1024-57-3	8.2	8.2	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	HEPTACHLOR EPOXIDE	1024-57-3	8.7	8.7	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	HEPTACHLOR EPOXIDE	1024-57-3	9.1	9.1	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	HEPTACHLOR EPOXIDE	1024-57-3	11	11	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	HEPTACHLOR EPOXIDE	1024-57-3	12	12	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	HEPTACHLOR EPOXIDE	1024-57-3	8.7	8.7	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	HEPTACHLOR EPOXIDE	1024-57-3	11	11	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	HEPTACHLOR EPOXIDE	1024-57-3	10	10	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	HEPTACHLOR EPOXIDE	1024-57-3	8.5	8.5	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	HEPTACHLOR EPOXIDE	1024-57-3	9	9	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	HEPTACHLOR EPOXIDE	1024-57-3	9.2	9.2	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	HEPTACHLOR EPOXIDE	1024-57-3	11	11	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	HEPTACHLOR EPOXIDE	1024-57-3	8.8	8.8	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	HEPTACHLOR EPOXIDE	1024-57-3	8.5	8.5	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	HEPTACHLOR EPOXIDE	1024-57-3	8.2	8.2	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	HEPTACHLOR EPOXIDE	1024-57-3	17	17	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	HEPTACHLOR EPOXIDE	1024-57-3	11	11	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	HEPTACHLOR EPOXIDE	1024-57-3	11	11	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	HEPTACHLOR EPOXIDE	1024-57-3	15	15	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	HEPTACHLOR EPOXIDE	1024-57-3	10	10	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	HEPTACHLOR EPOXIDE	1024-57-3	9.4	9.4	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	HEPTACHLOR EPOXIDE	1024-57-3	9.4	9.4	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	HEPTACHLOR EPOXIDE	1024-57-3	8	9	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	HEPTACHLOR EPOXIDE	1024-57-3	8	10	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	HEPTANE, 2,5-DIMETHYL-	2216-30-0		150	ug/Kg	J	Z
05093	0	2	IN	SS00002AE	HEXACHLOROBENZENE	118-74-1	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	HEXACHLOROBENZENE	118-74-1	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	HEXACHLOROBENZENE	118-74-1	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	HEXACHLOROBENZENE	118-74-1	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	HEXACHLOROBENZENE	118-74-1	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	HEXACHLOROBENZENE	118-74-1	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	HEXACHLOROBENZENE	118-74-1	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	HEXACHLOROBENZENE	118-74-1	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	HEXACHLOROBENZENE	118-74-1	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	HEXACHLOROBENZENE	118-74-1	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	HEXACHLOROBENZENE	118-74-1	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	HEXACHLOROBENZENE	118-74-1	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	HEXACHLOROBENZENE	118-74-1	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	HEXACHLOROBENZENE	118-74-1	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	HEXACHLOROBENZENE	118-74-1	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	HEXACHLOROBENZENE	118-74-1	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	HEXACHLOROBENZENE	118-74-1	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	HEXACHLOROBENZENE	118-74-1	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	HEXACHLOROBENZENE	118-74-1	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	HEXACHLOROBENZENE	118-74-1	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	HEXACHLOROBENZENE	118-74-1	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	HEXACHLOROBENZENE	118-74-1	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	HEXACHLOROBENZENE	118-74-1	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	HEXACHLOROBENZENE	118-74-1	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	HEXACHLOROBENZENE	118-74-1	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	HEXACHLOROBENZENE	118-74-1	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	HEXACHLOROBENZENE	118-74-1	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	HEXACHLOROBENZENE	118-74-1	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	HEXACHLOROBENZENE	118-74-1	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	HEXACHLOROBENZENE	118-74-1	380	380	ug/Kg	U	V

265

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
44093	0	2	IN	SS40090AE	HEXACHLOROBENZENE	118-74-1	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	HEXACHLOROBENZENE	118-74-1	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	HEXACHLOROBENZENE	118-74-1	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	HEXACHLOROBENZENE	118-74-1	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	HEXACHLOROBENZENE	118-74-1	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	HEXACHLOROBENZENE	118-74-1	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	HEXACHLOROBENZENE	118-74-1	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	HEXACHLOROBENZENE	118-74-1	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	HEXACHLOROBENZENE	118-74-1	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	HEXACHLOROBENZENE	118-74-1	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	HEXACHLOROBENZENE	118-74-1	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	HEXACHLOROBENZENE	118-74-1	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	HEXACHLOROBENZENE	118-74-1	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	HEXACHLOROBENZENE	118-74-1	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	HEXACHLOROBENZENE	118-74-1	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	HEXACHLOROBENZENE	118-74-1	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	HEXACHLOROBENZENE	118-74-1	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	HEXACHLOROBENZENE	118-74-1	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	HEXACHLOROBENZENE	118-74-1	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	HEXACHLOROBENZENE	118-74-1	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	HEXACHLOROBENZENE	118-74-1	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	HEXACHLOROBENZENE	118-74-1	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	HEXACHLOROBENZENE	118-74-1	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	HEXACHLOROBENZENE	118-74-1	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	HEXACHLOROBENZENE	118-74-1	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	HEXACHLOROBENZENE	118-74-1	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	HEXACHLOROBENZENE	118-74-1	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	HEXACHLOROBENZENE	118-74-1	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	HEXACHLOROBENZENE	118-74-1	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	HEXACHLOROBENZENE	118-74-1	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	HEXACHLOROBENZENE	118-74-1	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	HEXACHLOROBENZENE	118-74-1	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	HEXACHLOROBENZENE	118-74-1	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	HEXACHLOROBENZENE	118-74-1	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	HEXACHLOROBENZENE	118-74-1	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	HEXACHLOROBENZENE	118-74-1	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	HEXACHLOROBENZENE	118-74-1	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	HEXACHLOROBUTADIENE	87-68-3	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	HEXACHLOROBUTADIENE	87-68-3	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	HEXACHLOROBUTADIENE	87-68-3	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	HEXACHLOROBUTADIENE	87-68-3	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	HEXACHLOROBUTADIENE	87-68-3	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	HEXACHLOROBUTADIENE	87-68-3	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	HEXACHLOROBUTADIENE	87-68-3	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	HEXACHLOROBUTADIENE	87-68-3	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	HEXACHLOROBUTADIENE	87-68-3	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	HEXACHLOROBUTADIENE	87-68-3	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	HEXACHLOROBUTADIENE	87-68-3	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	HEXACHLOROBUTADIENE	87-68-3	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	HEXACHLOROBUTADIENE	87-68-3	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	HEXACHLOROBUTADIENE	87-68-3	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	HEXACHLOROBUTADIENE	87-68-3	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	HEXACHLOROBUTADIENE	87-68-3	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	HEXACHLOROBUTADIENE	87-68-3	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	HEXACHLOROBUTADIENE	87-68-3	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	HEXACHLOROBUTADIENE	87-68-3	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	HEXACHLOROBUTADIENE	87-68-3	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	HEXACHLOROBUTADIENE	87-68-3	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	HEXACHLOROBUTADIENE	87-68-3	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	HEXACHLOROBUTADIENE	87-68-3	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	HEXACHLOROBUTADIENE	87-68-3	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	HEXACHLOROBUTADIENE	87-68-3	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	HEXACHLOROBUTADIENE	87-68-3	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	HEXACHLOROBUTADIENE	87-68-3	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	HEXACHLOROBUTADIENE	87-68-3	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	HEXACHLOROBUTADIENE	87-68-3	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	HEXACHLOROBUTADIENE	87-68-3	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	HEXACHLOROBUTADIENE	87-68-3	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	HEXACHLOROBUTADIENE	87-68-3	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	HEXACHLOROBUTADIENE	87-68-3	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	HEXACHLOROBUTADIENE	87-68-3	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	HEXACHLOROBUTADIENE	87-68-3	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	HEXACHLOROBUTADIENE	87-68-3	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	HEXACHLOROBUTADIENE	87-68-3	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	HEXACHLOROBUTADIENE	87-68-3	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	HEXACHLOROBUTADIENE	87-68-3	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	HEXACHLOROBUTADIENE	87-68-3	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	HEXACHLOROBUTADIENE	87-68-3	460	460	ug/Kg	U	V

266

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS400393	0	2	IN	SS40019AE	HEXACHLOROBUTADIENE	87-68-3	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	HEXACHLOROBUTADIENE	87-68-3	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	HEXACHLOROBUTADIENE	87-68-3	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	HEXACHLOROBUTADIENE	87-68-3	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	HEXACHLOROBUTADIENE	87-68-3	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	HEXACHLOROBUTADIENE	87-68-3	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	HEXACHLOROBUTADIENE	87-68-3	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	HEXACHLOROBUTADIENE	87-68-3	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	HEXACHLOROBUTADIENE	87-68-3	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	HEXACHLOROBUTADIENE	87-68-3	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	HEXACHLOROBUTADIENE	87-68-3	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	HEXACHLOROBUTADIENE	87-68-3	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	HEXACHLOROBUTADIENE	87-68-3	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	HEXACHLOROBUTADIENE	87-68-3	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	HEXACHLOROBUTADIENE	87-68-3	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	HEXACHLOROBUTADIENE	87-68-3	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	HEXACHLOROBUTADIENE	87-68-3	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	HEXACHLOROBUTADIENE	87-68-3	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	HEXACHLOROBUTADIENE	87-68-3	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	HEXACHLOROBUTADIENE	87-68-3	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	HEXACHLOROBUTADIENE	87-68-3	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	HEXACHLOROBUTADIENE	87-68-3	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	HEXACHLOROBUTADIENE	87-68-3	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	HEXACHLOROBUTADIENE	87-68-3	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	HEXACHLOROBUTADIENE	87-68-3	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	HEXACHLOROBUTADIENE	87-68-3	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	380	380	ug/Kg	U	V

267

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS402393	0	2	IN	SS40039AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	HEXACHLOROETHANE	67-72-1	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	HEXACHLOROETHANE	67-72-1	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	HEXACHLOROETHANE	67-72-1	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	HEXACHLOROETHANE	67-72-1	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	HEXACHLOROETHANE	67-72-1	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	HEXACHLOROETHANE	67-72-1	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	HEXACHLOROETHANE	67-72-1	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	HEXACHLOROETHANE	67-72-1	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	HEXACHLOROETHANE	67-72-1	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	HEXACHLOROETHANE	67-72-1	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	HEXACHLOROETHANE	67-72-1	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	HEXACHLOROETHANE	67-72-1	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	HEXACHLOROETHANE	67-72-1	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	HEXACHLOROETHANE	67-72-1	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	HEXACHLOROETHANE	67-72-1	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	HEXACHLOROETHANE	67-72-1	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	HEXACHLOROETHANE	67-72-1	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	HEXACHLOROETHANE	67-72-1	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	HEXACHLOROETHANE	67-72-1	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	HEXACHLOROETHANE	67-72-1	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	HEXACHLOROETHANE	67-72-1	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	HEXACHLOROETHANE	67-72-1	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	HEXACHLOROETHANE	67-72-1	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	HEXACHLOROETHANE	67-72-1	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	HEXACHLOROETHANE	67-72-1	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	HEXACHLOROETHANE	67-72-1	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	HEXACHLOROETHANE	67-72-1	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	HEXACHLOROETHANE	67-72-1	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	HEXACHLOROETHANE	67-72-1	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	HEXACHLOROETHANE	67-72-1	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	HEXACHLOROETHANE	67-72-1	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	HEXACHLOROETHANE	67-72-1	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	HEXACHLOROETHANE	67-72-1	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	HEXACHLOROETHANE	67-72-1	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	HEXACHLOROETHANE	67-72-1	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	HEXACHLOROETHANE	67-72-1	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	HEXACHLOROETHANE	67-72-1	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	HEXACHLOROETHANE	67-72-1	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	HEXACHLOROETHANE	67-72-1	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	HEXACHLOROETHANE	67-72-1	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	HEXACHLOROETHANE	67-72-1	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	HEXACHLOROETHANE	67-72-1	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	HEXACHLOROETHANE	67-72-1	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	HEXACHLOROETHANE	67-72-1	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	HEXACHLOROETHANE	67-72-1	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	HEXACHLOROETHANE	67-72-1	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	HEXACHLOROETHANE	67-72-1	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	HEXACHLOROETHANE	67-72-1	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	HEXACHLOROETHANE	67-72-1	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	HEXACHLOROETHANE	67-72-1	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	HEXACHLOROETHANE	67-72-1	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	HEXACHLOROETHANE	67-72-1	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	HEXACHLOROETHANE	67-72-1	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	HEXACHLOROETHANE	67-72-1	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	HEXACHLOROETHANE	67-72-1	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	HEXACHLOROETHANE	67-72-1	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	HEXACHLOROETHANE	67-72-1	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	HEXACHLOROETHANE	67-72-1	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	HEXACHLOROETHANE	67-72-1	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	HEXACHLOROETHANE	67-72-1	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	HEXACHLOROETHANE	67-72-1	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	HEXACHLOROETHANE	67-72-1	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	HEXACHLOROETHANE	67-72-1	390	390	ug/Kg	U	V

268

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40393	0	2	IN	SS40053AE	ISOPHORONE	78-59-1	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	ISOPHORONE	78-59-1	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	ISOPHORONE	78-59-1	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	ISOPHORONE	78-59-1	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	ISOPHORONE	78-59-1	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	ISOPHORONE	78-59-1	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	ISOPHORONE	78-59-1	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	ISOPHORONE	78-59-1	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	ISOPHORONE	78-59-1	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	ISOPHORONE	78-59-1	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	ISOPHORONE	78-59-1	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	ISOPHORONE	78-59-1	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	ISOPHORONE	78-59-1	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	ISOPHORONE	78-59-1	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	ISOPHORONE	78-59-1	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	ISOPHORONE	78-59-1	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	ISOPHORONE	78-59-1	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	ISOPHORONE	78-59-1	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	ISOPHORONE	78-59-1	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	ISOPHORONE	78-59-1	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	ISOPHORONE	78-59-1	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	ISOPHORONE	78-59-1	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	ISOPHORONE	78-59-1	380	330	ug/Kg	U	V
43893	0	2	IN	SS40010AE	ISOPHORONE	78-59-1	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	ISOPHORONE	78-59-1	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	ISOPHORONE	78-59-1	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	ISOPHORONE	78-59-1	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	ISOPHORONE	78-59-1	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	ISOPHORONE	78-59-1	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	ISOPHORONE	78-59-1	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	ISOPHORONE	78-59-1	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	ISOPHORONE	78-59-1	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	ISOPHORONE	78-59-1	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	ISOPHORONE	78-59-1	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	ISOPHORONE	78-59-1	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	ISOPHORONE	78-59-1	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	ISOPHORONE	78-59-1	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	ISOPHORONE	78-59-1	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	ISOPHORONE	78-59-1	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	ISOPHORONE	78-59-1	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	ISOPHORONE	78-59-1	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	ISOPHORONE	78-59-1	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	ISOPHORONE	78-59-1	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	ISOPHORONE	78-59-1	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	ISOPHORONE	78-59-1	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	ISOPHORONE	78-59-1	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	ISOPHORONE	78-59-1	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	ISOPHORONE	78-59-1	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	ISOPHORONE	78-59-1	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	ISOPHORONE	78-59-1	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	ISOPHORONE	78-59-1	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	ISOPHORONE	78-59-1	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	ISOPHORONE	78-59-1	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	ISOPHORONE	78-59-1	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	ISOPHORONE	78-59-1	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	ISOPHORONE	78-59-1	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	ISOPHORONE	78-59-1	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	ISOPHORONE	78-59-1	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	ISOPHORONE	78-59-1	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	ISOPHORONE	78-59-1	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	ISOPHORONE	78-59-1	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	ISOPHORONE	78-59-1	330	380	ug/Kg	U	V
05193	0	2	IN	SS00003AE	METHOXYCHLOR	72-43-5	90	90	ug/Kg	U	V
05393	0	2	IN	SS00005AE	METHOXYCHLOR	72-43-5	87	87	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	METHOXYCHLOR	72-43-5	110	110	ug/Kg	U	V
40293	0	2	IN	SS40042AE	METHOXYCHLOR	72-43-5	110	110	ug/Kg	U	V
40393	0	2	IN	SS40053AE	METHOXYCHLOR	72-43-5	110	110	ug/Kg	U	V
40693	0	2	IN	SS40057AE	METHOXYCHLOR	72-43-5	140	140	ug/Kg	U	V
40793	0	2	IN	SS40058AE	METHOXYCHLOR	72-43-5	140	140	ug/Kg	U	V
40893	0	2	IN	SS40004AE	METHOXYCHLOR	72-43-5	80	96	ug/Kg	U	V
40993	0	2	IN	SS40072AE	METHOXYCHLOR	72-43-5	94	94	ug/Kg	U	V
41193	0	2	IN	SS40007AE	METHOXYCHLOR	72-43-5	120	120	ug/Kg	U	V
41293	0	2	IN	SS40071AE	METHOXYCHLOR	72-43-5	180	180	ug/Kg	U	V
41593	4	6	IN	SS40073AE	METHOXYCHLOR	72-43-5	84	84	ug/Kg	U	V
41693	0	2	IN	SS40410AE	METHOXYCHLOR	72-43-5	110	110	ug/Kg	U	V
41793	0	2	IN	SS40077AE	METHOXYCHLOR	72-43-5	93	93	ug/Kg	U	V
41993	0	2	IN	SS40009AE	METHOXYCHLOR	72-43-5	95	95	ug/Kg	U	V
42093	0	2	IN	SS40480AE	METHOXYCHLOR	72-43-5	83	83	ug/Kg	U	V

269

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42193	4	6	IN	SS40012AE	METHOXYCHLOR	72-43-5	83	83	ug/Kg	U	J
42393	0	2	IN	SS40079AE	METHOXYCHLOR	72-43-5	86	86	ug/Kg	U	V
42693	0	2	IN	SS40080AE	METHOXYCHLOR	72-43-5	130	130	ug/Kg	U	V
42993	0	2	IN	SS40056AE	METHOXYCHLOR	72-43-5	89	89	ug/Kg	U	V
43393	4	6	IN	SS40087AE	METHOXYCHLOR	72-43-5	84	84	ug/Kg	U	V
43693	4	6	IN	SS40089AE	METHOXYCHLOR	72-43-5	84	84	ug/Kg	U	V
43793	0	2	IN	SS40088AE	METHOXYCHLOR	72-43-5	91	91	ug/Kg	U	V
43893	0	2	IN	SS40010AE	METHOXYCHLOR	72-43-5	96	96	ug/Kg	U	V
43993	0	2	IN	SS40091AE	METHOXYCHLOR	72-43-5	92	92	ug/Kg	U	V
44093	0	2	IN	SS40090AE	METHOXYCHLOR	72-43-5	96	96	ug/Kg	U	V
44393	0	2	IN	SS40005AE	METHOXYCHLOR	72-43-5	90	90	ug/Kg	U	V
44893	0	2	IN	SS40070AE	METHOXYCHLOR	72-43-5	100	100	ug/Kg	U	V
45693	0	2	IN	SS40094AE	METHOXYCHLOR	72-43-5	110	110	ug/Kg	U	V
45793	0	2	IN	SS40015AE	METHOXYCHLOR	72-43-5	120	120	ug/Kg	U	V
46193	0	2	IN	SS40096AE	METHOXYCHLOR	72-43-5	100	100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	METHOXYCHLOR	72-43-5	80	87	ug/Kg	U	V
46793	4	6	IN	SS40142AE	METHOXYCHLOR	72-43-5	80	89	ug/Kg	U	V
46893	4	6	IN	SS40143AE	METHOXYCHLOR	72-43-5	80	89	ug/Kg	U	V
47093	0	1	IN	SS40145AE	METHOXYCHLOR	72-43-5	80	91	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	METHOXYCHLOR	72-43-5	110	110	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	METHOXYCHLOR	72-43-5	83	83	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	METHOXYCHLOR	72-43-5	82	82	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	METHOXYCHLOR	72-43-5	87	87	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	METHOXYCHLOR	72-43-5	91	91	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	METHOXYCHLOR	72-43-5	110	110	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	METHOXYCHLOR	72-43-5	120	120	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	METHOXYCHLOR	72-43-5	87	87	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	METHOXYCHLOR	72-43-5	110	110	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	METHOXYCHLOR	72-43-5	100	100	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	METHOXYCHLOR	72-43-5	85	85	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	METHOXYCHLOR	72-43-5	90	90	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	METHOXYCHLOR	72-43-5	92	92	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	METHOXYCHLOR	72-43-5	110	110	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	METHOXYCHLOR	72-43-5	88	88	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	METHOXYCHLOR	72-43-5	85	85	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	METHOXYCHLOR	72-43-5	82	82	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	METHOXYCHLOR	72-43-5	170	170	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	METHOXYCHLOR	72-43-5	110	110	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	METHOXYCHLOR	72-43-5	110	110	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	METHOXYCHLOR	72-43-5	150	150	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	METHOXYCHLOR	72-43-5	100	100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	METHOXYCHLOR	72-43-5	94	94	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	METHOXYCHLOR	72-43-5	94	94	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	METHOXYCHLOR	72-43-5	80	90	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	METHOXYCHLOR	72-43-5	80	100	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	J	A
05093	0	2	IN	SS00002AE	NAPHTHALENE	91-20-3	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	NAPHTHALENE	91-20-3	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	NAPHTHALENE	91-20-3	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	NAPHTHALENE	91-20-3	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	NAPHTHALENE	91-20-3	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	NAPHTHALENE	91-20-3	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	NAPHTHALENE	91-20-3	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	NAPHTHALENE	91-20-3	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	NAPHTHALENE	91-20-3	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	NAPHTHALENE	91-20-3	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	NAPHTHALENE	91-20-3	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	NAPHTHALENE	91-20-3	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	NAPHTHALENE	91-20-3	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	NAPHTHALENE	91-20-3	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	NAPHTHALENE	91-20-3	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	NAPHTHALENE	91-20-3	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	NAPHTHALENE	91-20-3	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	NAPHTHALENE	91-20-3	350	39	ug/Kg	J	A
42293	0	2	IN	SS40078AE	NAPHTHALENE	91-20-3	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	NAPHTHALENE	91-20-3	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	NAPHTHALENE	91-20-3	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	NAPHTHALENE	91-20-3	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	NAPHTHALENE	91-20-3	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	NAPHTHALENE	91-20-3	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	NAPHTHALENE	91-20-3	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	NAPHTHALENE	91-20-3	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	NAPHTHALENE	91-20-3	350	37	ug/Kg	J	A
43793	0	2	IN	SS40088AE	NAPHTHALENE	91-20-3	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	NAPHTHALENE	91-20-3	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	NAPHTHALENE	91-20-3	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	NAPHTHALENE	91-20-3	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	NAPHTHALENE	91-20-3	380	380	ug/Kg	U	V

270

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
44893	0	2	IN	SS40070AE	NAPHTHALENE	91-20-3	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	NAPHTHALENE	91-20-3	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	NAPHTHALENE	91-20-3	500	69	ug/Kg	J	A
46193	0	2	IN	SS40096AE	NAPHTHALENE	91-20-3	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	NAPHTHALENE	91-20-3	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	NAPHTHALENE	91-20-3	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	NAPHTHALENE	91-20-3	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	NAPHTHALENE	91-20-3	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	NAPHTHALENE	91-20-3	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	NAPHTHALENE	91-20-3	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	NAPHTHALENE	91-20-3	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	NAPHTHALENE	91-20-3	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	NAPHTHALENE	91-20-3	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	NAPHTHALENE	91-20-3	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	NAPHTHALENE	91-20-3	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	NAPHTHALENE	91-20-3	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	NAPHTHALENE	91-20-3	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	NAPHTHALENE	91-20-3	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	NAPHTHALENE	91-20-3	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	NAPHTHALENE	91-20-3	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	NAPHTHALENE	91-20-3	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	NAPHTHALENE	91-20-3	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	NAPHTHALENE	91-20-3	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	NAPHTHALENE	91-20-3	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	NAPHTHALENE	91-20-3	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	NAPHTHALENE	91-20-3	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	NAPHTHALENE	91-20-3	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	NAPHTHALENE	91-20-3	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	NAPHTHALENE	91-20-3	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	NAPHTHALENE	91-20-3	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	NAPHTHALENE	91-20-3	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	NAPHTHALENE	91-20-3	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	NAPHTHALENE	91-20-3	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	NAPHTHALENE	91-20-3	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	NAPHTHALENE	91-20-3	330	190	ug/Kg	J	A
05093	0	2	IN	SS00002AE	NITROBENZENE	98-95-3	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	NITROBENZENE	98-95-3	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	NITROBENZENE	98-95-3	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	NITROBENZENE	98-95-3	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	NITROBENZENE	98-95-3	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	NITROBENZENE	98-95-3	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	NITROBENZENE	98-95-3	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	NITROBENZENE	98-95-3	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	NITROBENZENE	98-95-3	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	NITROBENZENE	98-95-3	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	NITROBENZENE	98-95-3	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	NITROBENZENE	98-95-3	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	NITROBENZENE	98-95-3	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	NITROBENZENE	98-95-3	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	NITROBENZENE	98-95-3	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	NITROBENZENE	98-95-3	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	NITROBENZENE	98-95-3	350	350	ug/Kg	U	V
42198	4	6	IN	SS40012AE	NITROBENZENE	98-95-3	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	NITROBENZENE	98-95-3	380	380	ug/Kg	U	J
42398	0	2	IN	SS40079AE	NITROBENZENE	98-95-3	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	NITROBENZENE	98-95-3	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	NITROBENZENE	98-95-3	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	NITROBENZENE	98-95-3	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	NITROBENZENE	98-95-3	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	NITROBENZENE	98-95-3	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	NITROBENZENE	98-95-3	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	NITROBENZENE	98-95-3	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	NITROBENZENE	98-95-3	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	NITROBENZENE	98-95-3	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	NITROBENZENE	98-95-3	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	NITROBENZENE	98-95-3	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	NITROBENZENE	98-95-3	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	NITROBENZENE	98-95-3	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	NITROBENZENE	98-95-3	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	NITROBENZENE	98-95-3	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	NITROBENZENE	98-95-3	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	NITROBENZENE	98-95-3	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	NITROBENZENE	98-95-3	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	NITROBENZENE	98-95-3	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	NITROBENZENE	98-95-3	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	NITROBENZENE	98-95-3	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	NITROBENZENE	98-95-3	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	NITROBENZENE	98-95-3	340	340	ug/Kg	U	V

271

Table A-2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS402793	0	2	IN	SS40043AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	N-NITROSODIPHENYLAMINE	86-30-6	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	N-NITROSODIPHENYLAMINE	86-30-6	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	N-NITROSODIPHENYLAMINE	86-30-6	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	N-NITROSODIPHENYLAMINE	86-30-6	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	N-NITROSODIPHENYLAMINE	86-30-6	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	N-NITROSODIPHENYLAMINE	86-30-6	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	N-NITROSODIPHENYLAMINE	86-30-6	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	N-NITROSODIPHENYLAMINE	86-30-6	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	N-NITROSODIPHENYLAMINE	86-30-6	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	N-NITROSODIPHENYLAMINE	86-30-6	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	N-NITROSODIPHENYLAMINE	86-30-6	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	N-NITROSODIPHENYLAMINE	86-30-6	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	N-NITROSODIPHENYLAMINE	86-30-6	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	N-NITROSODIPHENYLAMINE	86-30-6	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	N-NITROSODIPHENYLAMINE	86-30-6	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	N-NITROSODIPHENYLAMINE	86-30-6	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	N-NITROSODIPHENYLAMINE	86-30-6	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	N-NITROSODIPHENYLAMINE	86-30-6	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	N-NITROSODIPHENYLAMINE	86-30-6	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	N-NITROSODIPHENYLAMINE	86-30-6	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	N-NITROSODIPHENYLAMINE	86-30-6	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	N-NITROSODIPHENYLAMINE	86-30-6	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	N-NITROSODIPHENYLAMINE	86-30-6	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	N-NITROSODIPHENYLAMINE	86-30-6	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	N-NITROSODIPHENYLAMINE	86-30-6	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	N-NITROSODIPHENYLAMINE	86-30-6	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	N-NITROSODIPHENYLAMINE	86-30-6	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	N-NITROSODIPHENYLAMINE	86-30-6	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	N-NITROSODIPHENYLAMINE	86-30-6	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	N-NITROSODIPHENYLAMINE	86-30-6	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	N-NITROSODIPHENYLAMINE	86-30-6	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	N-NITROSODIPHENYLAMINE	86-30-6	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	N-NITROSODIPHENYLAMINE	86-30-6	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	N-NITROSODIPHENYLAMINE	86-30-6	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	N-NITROSODIPHENYLAMINE	86-30-6	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	N-NITROSODIPHENYLAMINE	86-30-6	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	N-NITROSODIPHENYLAMINE	86-30-6	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	N-NITROSODIPHENYLAMINE	86-30-6	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	N-NITROSODIPHENYLAMINE	86-30-6	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	N-NITROSODIPHENYLAMINE	86-30-6	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	N-NITROSODIPHENYLAMINE	86-30-6	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	N-NITROSODIPHENYLAMINE	86-30-6	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	N-NITROSODIPHENYLAMINE	86-30-6	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	N-NITROSODIPHENYLAMINE	86-30-6	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	N-NITROSODIPHENYLAMINE	86-30-6	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	N-NITROSODIPHENYLAMINE	86-30-6	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	N-NITROSODIPHENYLAMINE	86-30-6	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	N-NITROSODIPHENYLAMINE	86-30-6	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	N-NITROSODIPHENYLAMINE	86-30-6	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	N-NITROSODIPHENYLAMINE	86-30-6	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	N-NITROSODIPHENYLAMINE	86-30-6	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	N-NITROSODIPHENYLAMINE	86-30-6	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	N-NITROSODIPHENYLAMINE	86-30-6	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	N-NITROSODIPHENYLAMINE	86-30-6	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	N-NITROSODIPHENYLAMINE	86-30-6	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	N-NITROSODIPHENYLAMINE	86-30-6	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	N-NITROSODIPHENYLAMINE	86-30-6	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	N-NITROSODIPHENYLAMINE	86-30-6	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	N-NITROSODIPHENYLAMINE	86-30-6	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	N-NITROSODIPHENYLAMINE	86-30-6	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	N-NITROSODIPHENYLAMINE	86-30-6	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	N-NITROSODIPHENYLAMINE	86-30-6	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	N-NITROSODIPHENYLAMINE	86-30-6	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	N-NITROSODIPHENYLAMINE	86-30-6	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	N-NITROSODIPHENYLAMINE	86-30-6	330	340	ug/Kg	U	V

272

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS811193	0	3	IN	SSG0105JE	N-NITROSODIPHENYLAMINE	86-30-6	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	N-NITROSODIPHENYLAMINE	86-30-6	330	380	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	N-OCTACOSANE	630-02-4		2300	ug/Kg	J	Z
SS402893	0	2	IN	SS40044AE	NONACOSANE	630-03-5		1100	ug/Kg	J	Z
SS403193	0	2	IN	SS40047AE	OCTANE, 4-METHYL-	2216-34-4		190	ug/Kg	JB	Z
SS400693	0	2	IN	SS40022AE	O-FLUOROPHENOL	367-12-4		1200	ug/Kg	J	Z
41593	4	6	IN	SS40073AE	PALMITIC ACID	57-10-3		260	ug/Kg	J	Z
SS400393	0	2	IN	SS40019AE	PALMITIC ACID	57-10-3		300	ug/Kg	J	Z
SS400593	0	2	IN	SS40021AE	PALMITIC ACID	57-10-3		420	ug/Kg	J	Z
SS403293	0	2	IN	SS40048AE	PALMITIC ACID	57-10-3		830	ug/Kg	J	Z
SS403393	0	2	IN	SS40049AE	PALMITIC ACID	57-10-3		1500	ug/Kg	J	Z
SS403493	0	2	IN	SS40050AE	PALMITIC ACID	57-10-3		1400	ug/Kg	J	Z
SS403493	0	2	IN	SS40050AE	PALMITIC ACID	57-10-3		1400	ug/Kg	J	Z
SS403593	0	2	IN	SS40051AE	PALMITIC ACID	57-10-3		1000	ug/Kg	J	Z
SS403693	0	2	IN	SS40052AE	PALMITIC ACID	57-10-3		610	ug/Kg	J	Z
SS403693	0	2	IN	SS40052AE	PALMITIC ACID	57-10-3		610	ug/Kg	J	Z
05093	0	2	IN	SS00002AE	P-BROMODIPHENYL ETHER	101-55-3	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	P-BROMODIPHENYL ETHER	101-55-3	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	P-BROMODIPHENYL ETHER	101-55-3	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	P-BROMODIPHENYL ETHER	101-55-3	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	P-BROMODIPHENYL ETHER	101-55-3	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	P-BROMODIPHENYL ETHER	101-55-3	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	P-BROMODIPHENYL ETHER	101-55-3	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	P-BROMODIPHENYL ETHER	101-55-3	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	P-BROMODIPHENYL ETHER	101-55-3	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	P-BROMODIPHENYL ETHER	101-55-3	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	P-BROMODIPHENYL ETHER	101-55-3	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	P-BROMODIPHENYL ETHER	101-55-3	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	P-BROMODIPHENYL ETHER	101-55-3	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	P-BROMODIPHENYL ETHER	101-55-3	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	P-BROMODIPHENYL ETHER	101-55-3	390	390	ug/Kg	U	
41993	0	2	IN	SS40009AE	P-BROMODIPHENYL ETHER	101-55-3	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	P-BROMODIPHENYL ETHER	101-55-3	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	P-BROMODIPHENYL ETHER	101-55-3	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	P-BROMODIPHENYL ETHER	101-55-3	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	P-BROMODIPHENYL ETHER	101-55-3	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	P-BROMODIPHENYL ETHER	101-55-3	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	P-BROMODIPHENYL ETHER	101-55-3	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	P-BROMODIPHENYL ETHER	101-55-3	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	P-BROMODIPHENYL ETHER	101-55-3	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	P-BROMODIPHENYL ETHER	101-55-3	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	P-BROMODIPHENYL ETHER	101-55-3	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	P-BROMODIPHENYL ETHER	101-55-3	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	P-BROMODIPHENYL ETHER	101-55-3	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	P-BROMODIPHENYL ETHER	101-55-3	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	P-BROMODIPHENYL ETHER	101-55-3	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	P-BROMODIPHENYL ETHER	101-55-3	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	P-BROMODIPHENYL ETHER	101-55-3	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	P-BROMODIPHENYL ETHER	101-55-3	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	P-BROMODIPHENYL ETHER	101-55-3	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	P-BROMODIPHENYL ETHER	101-55-3	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	P-BROMODIPHENYL ETHER	101-55-3	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	P-BROMODIPHENYL ETHER	101-55-3	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	P-BROMODIPHENYL ETHER	101-55-3	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	P-BROMODIPHENYL ETHER	101-55-3	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	P-BROMODIPHENYL ETHER	101-55-3	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	P-BROMODIPHENYL ETHER	101-55-3	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	P-BROMODIPHENYL ETHER	101-55-3	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	P-BROMODIPHENYL ETHER	101-55-3	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	P-BROMODIPHENYL ETHER	101-55-3	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	P-BROMODIPHENYL ETHER	101-55-3	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	P-BROMODIPHENYL ETHER	101-55-3	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	P-BROMODIPHENYL ETHER	101-55-3	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	P-BROMODIPHENYL ETHER	101-55-3	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	P-BROMODIPHENYL ETHER	101-55-3	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	P-BROMODIPHENYL ETHER	101-55-3	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	P-BROMODIPHENYL ETHER	101-55-3	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	P-BROMODIPHENYL ETHER	101-55-3	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	P-BROMODIPHENYL ETHER	101-55-3	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	P-BROMODIPHENYL ETHER	101-55-3	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	P-BROMODIPHENYL ETHER	101-55-3	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	P-BROMODIPHENYL ETHER	101-55-3	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	P-BROMODIPHENYL ETHER	101-55-3	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	P-BROMODIPHENYL ETHER	101-55-3	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	P-BROMODIPHENYL ETHER	101-55-3	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	P-BROMODIPHENYL ETHER	101-55-3	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	P-BROMODIPHENYL ETHER	101-55-3	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	P-BROMODIPHENYL ETHER	101-55-3	420	420	ug/Kg	U	V

273

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS403593	0	2	IN	SS40051AE	P-BROMODIPHENYL ETHER	101-55-3	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	P-BROMODIPHENYL ETHER	101-55-3	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	P-BROMODIPHENYL ETHER	101-55-3	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	P-BROMODIPHENYL ETHER	101-55-3	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	P-BROMODIPHENYL ETHER	101-55-3	330	380	ug/Kg	U	V
05093	0	2	IN	SS00002AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	V
05393	0	2	IN	SS00005AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	PENTACHLOROPHENOL	87-86-5	2400	2400	ug/Kg	U	V
40293	0	2	IN	SS40042AE	PENTACHLOROPHENOL	87-86-5	2200	2200	ug/Kg	U	V
40393	0	2	IN	SS40053AE	PENTACHLOROPHENOL	87-86-5	2200	2200	ug/Kg	U	V
40693	0	2	IN	SS40057AE	PENTACHLOROPHENOL	87-86-5	3000	3000	ug/Kg	U	V
40793	0	2	IN	SS40058AE	PENTACHLOROPHENOL	87-86-5	2900	2900	ug/Kg	U	V
40893	0	2	IN	SS40004AE	PENTACHLOROPHENOL	87-86-5	1600	1900	ug/Kg	U	V
40993	0	2	IN	SS40072AE	PENTACHLOROPHENOL	87-86-5	2000	2000	ug/Kg	U	V
41193	0	2	IN	SS40007AE	PENTACHLOROPHENOL	87-86-5	2500	2500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	PENTACHLOROPHENOL	87-86-5	3700	3700	ug/Kg	U	V
41593	4	6	IN	SS40073AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
41693	0	2	IN	SS40410AE	PENTACHLOROPHENOL	87-86-5	2200	2200	ug/Kg	U	V
41793	0	2	IN	SS40077AE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	
41993	0	2	IN	SS40009AE	PENTACHLOROPHENOL	87-86-5	2000	2000	ug/Kg	U	
42093	0	2	IN	SS40480AE	PENTACHLOROPHENOL	87-86-5	1700	1700	ug/Kg	U	V
42193	4	6	IN	SS40012AE	PENTACHLOROPHENOL	87-86-5	1700	1700	ug/Kg	U	V
42293	0	2	IN	SS40078AE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	J
42393	0	2	IN	SS40079AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
42593	4	6	IN	SS40082AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
42693	0	2	IN	SS40080AE	PENTACHLOROPHENOL	87-86-5	2600	2600	ug/Kg	U	J
42993	0	2	IN	SS40056AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
43193	0	2	IN	SS40084AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	
43393	4	6	IN	SS40087AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
43493	0	2	IN	SS40086AE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	J
43693	4	6	IN	SS40089AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
43793	0	2	IN	SS40088AE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	V
43893	0	2	IN	SS40010AE	PENTACHLOROPHENOL	87-86-5	2000	2000	ug/Kg	U	V
43993	0	2	IN	SS40091AE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	V
44093	0	2	IN	SS40090AE	PENTACHLOROPHENOL	87-86-5	2000	2000	ug/Kg	U	
44393	0	2	IN	SS40005AE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	V
44893	0	2	IN	SS40070AE	PENTACHLOROPHENOL	87-86-5	2200	2200	ug/Kg	U	V
45693	0	2	IN	SS40094AE	PENTACHLOROPHENOL	87-86-5	2400	2400	ug/Kg	U	V
45793	0	2	IN	SS40015AE	PENTACHLOROPHENOL	87-86-5	2500	2500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	PENTACHLOROPHENOL	87-86-5	2100	2100	ug/Kg	U	V
46693	4	6	IN	SS40141AE	PENTACHLOROPHENOL	87-86-5	1600	1800	ug/Kg	U	V
46793	4	6	IN	SS40142AE	PENTACHLOROPHENOL	87-86-5	1600	1800	ug/Kg	U	V
46893	4	6	IN	SS40143AE	PENTACHLOROPHENOL	87-86-5	1600	1800	ug/Kg	U	V
47093	0	1	IN	SS40145AE	PENTACHLOROPHENOL	87-86-5	1600	1800	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	PENTACHLOROPHENOL	87-86-5	2300	2300	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	PENTACHLOROPHENOL	87-86-5	1700	1700	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	PENTACHLOROPHENOL	87-86-5	1700	1700	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	PENTACHLOROPHENOL	87-86-5	2300	2300	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	PENTACHLOROPHENOL	87-86-5	2400	2400	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	PENTACHLOROPHENOL	87-86-5	2400	2400	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	PENTACHLOROPHENOL	87-86-5	2200	2200	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	PENTACHLOROPHENOL	87-86-5	2200	2200	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	PENTACHLOROPHENOL	87-86-5	1700	1700	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	PENTACHLOROPHENOL	87-86-5	3500	3500	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	PENTACHLOROPHENOL	87-86-5	2300	2300	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	PENTACHLOROPHENOL	87-86-5	2200	2200	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	PENTACHLOROPHENOL	87-86-5	3100	3100	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	PENTACHLOROPHENOL	87-86-5	2100	2100	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	PENTACHLOROPHENOL	87-86-5	2000	2000	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	PENTACHLOROPHENOL	87-86-5	1600	1700	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	PENTACHLOROPHENOL	87-86-5	1600	1700	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	PENTACHLOROPHENOL	87-86-5	1600	1800	ug/Kg	U	V
41593	4	6	IN	SS40073AE	PENTADECANE	629-62-9		170	ug/Kg	J	Z
SS402893	0	2	IN	SS40044AE	PENTATRIACONTANE	630-07-9		1800	ug/Kg	J	Z
05093	0	2	IN	SS00002AE	PHENANTHRENE	85-01-8	360	440	ug/Kg		Z
05193	0	2	IN	SS00003AE	PHENANTHRENE	85-01-8	380	50	ug/Kg	J	A
05393	0	2	IN	SS00005AE	PHENANTHRENE	85-01-8	360	86	ug/Kg	J	Z
40093	0	2	IN	SS40060AE	PHENANTHRENE	85-01-8	480	480	ug/Kg	U	V

274

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40293	0	2	IN	SS40042AE	PHENANTHRENE	85-01-8	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	PHENANTHRENE	85-01-8	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	PHENANTHRENE	85-01-8	600	860	ug/Kg		V
40793	0	2	IN	SS40058AE	PHENANTHRENE	85-01-8	590	1100	ug/Kg		V
40893	0	2	IN	SS40004AE	PHENANTHRENE	85-01-8	330	120	ug/Kg	J	A
40993	0	2	IN	SS40072AE	PHENANTHRENE	85-01-8	390	490	ug/Kg		V
41193	0	2	IN	SS40007AE	PHENANTHRENE	85-01-8	500	270	ug/Kg	J	A
41293	0	2	IN	SS40071AE	PHENANTHRENE	85-01-8	740	270	ug/Kg	J	A
41593	4	6	IN	SS40073AE	PHENANTHRENE	85-01-8	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	PHENANTHRENE	85-01-8	450	98	ug/Kg	J	A
41793	0	2	IN	SS40077AE	PHENANTHRENE	85-01-8	390	140	ug/Kg	J	
41993	0	2	IN	SS40009AE	PHENANTHRENE	85-01-8	400	180	ug/Kg	J	
42093	0	2	IN	SS40480AE	PHENANTHRENE	85-01-8	350	37	ug/Kg	J	A
42193	4	6	IN	SS40012AE	PHENANTHRENE	85-01-8	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	PHENANTHRENE	85-01-8	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	PHENANTHRENE	85-01-8	360	340	ug/Kg	J	A
42593	4	6	IN	SS40082AE	PHENANTHRENE	85-01-8	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	PHENANTHRENE	85-01-8	520	99	ug/Kg	J	A
42993	0	2	IN	SS40056AE	PHENANTHRENE	85-01-8	370	130	ug/Kg	J	A
43193	0	2	IN	SS40084AE	PHENANTHRENE	85-01-8	360	86	ug/Kg	J	
43393	4	6	IN	SS40087AE	PHENANTHRENE	85-01-8	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	PHENANTHRENE	85-01-8	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	PHENANTHRENE	85-01-8	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	PHENANTHRENE	85-01-8	380	87	ug/Kg	J	A
43893	0	2	IN	SS40010AE	PHENANTHRENE	85-01-8	400	170	ug/Kg	J	A
43993	0	2	IN	SS40091AE	PHENANTHRENE	85-01-8	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	PHENANTHRENE	85-01-8	400	82	ug/Kg	J	
44393	0	2	IN	SS40005AE	PHENANTHRENE	85-01-8	380	130	ug/Kg	J	A
44893	0	2	IN	SS40070AE	PHENANTHRENE	85-01-8	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	PHENANTHRENE	85-01-8	480	390	ug/Kg	J	A
45793	0	2	IN	SS40015AE	PHENANTHRENE	85-01-8	500	940	ug/Kg		V
46193	0	2	IN	SS40096AE	PHENANTHRENE	85-01-8	420	150	ug/Kg	J	A
46693	4	6	IN	SS40141AE	PHENANTHRENE	85-01-8	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	PHENANTHRENE	85-01-8	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	PHENANTHRENE	85-01-8	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	PHENANTHRENE	85-01-8	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	PHENANTHRENE	85-01-8	460	220	ug/Kg	J	A
SS400393	0	2	IN	SS40019AE	PHENANTHRENE	85-01-8	350	310	ug/Kg	J	A
SS400593	0	2	IN	SS40021AE	PHENANTHRENE	85-01-8	340	77	ug/Kg	J	A
SS400693	0	2	IN	SS40022AE	PHENANTHRENE	85-01-8	360	40	ug/Kg	J	A
SS400793	0	2	IN	SS40023AE	PHENANTHRENE	85-01-8	380	190	ug/Kg	J	A
SS400893	0	2	IN	SS40024AE	PHENANTHRENE	85-01-8	460	73	ug/Kg	J	A
SS401193	0	2	IN	SS40027AE	PHENANTHRENE	85-01-8	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	PHENANTHRENE	85-01-8	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	PHENANTHRENE	85-01-8	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	PHENANTHRENE	85-01-8	430	680	ug/Kg		V
SS401693	0	2	IN	SS40032AE	PHENANTHRENE	85-01-8	360	160	ug/Kg	J	A
SS401893	0	2	IN	SS40034AE	PHENANTHRENE	85-01-8	380	220	ug/Kg	J	A
SS402393	0	2	IN	SS40039AE	PHENANTHRENE	85-01-8	380	180	ug/Kg	J	A
SS402593	0	2	IN	SS40041AE	PHENANTHRENE	85-01-8	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	PHENANTHRENE	85-01-8	370	950	ug/Kg		V
SS402893	0	2	IN	SS40044AE	PHENANTHRENE	85-01-8	350	180	ug/Kg	J	A
SS402993	0	2	IN	SS40045AE	PHENANTHRENE	85-01-8	340	38	ug/Kg	J	A
SS403093	0	2	IN	SS40046AE	PHENANTHRENE	85-01-8	700	290	ug/Kg	J	A
SS403193	0	2	IN	SS40047AE	PHENANTHRENE	85-01-8	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	PHENANTHRENE	85-01-8	440	180	ug/Kg	J	A
SS403393	0	2	IN	SS40049AE	PHENANTHRENE	85-01-8	630	74	ug/Kg	J	A
SS403493	0	2	IN	SS40050AE	PHENANTHRENE	85-01-8	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	PHENANTHRENE	85-01-8	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	PHENANTHRENE	85-01-8	390	74	ug/Kg	J	A
SS810893	0	3	IN	SSG0102JE	PHENANTHRENE	85-01-8	330	190	ug/Kg	J	A
SS811193	0	3	IN	SSG0105JE	PHENANTHRENE	85-01-8	330	700	ug/Kg		V
SS811493	0	3	IN	SSG0108JE	PHENANTHRENE	85-01-8	330	2700	ug/Kg		V
05093	0	2	IN	SS00002AE	PHENOL	108-95-2	360	360	ug/Kg	U	Z
05193	0	2	IN	SS00003AE	PHENOL	108-95-2	380	380	ug/Kg	U	V
05393	0	2	IN	SS00005AE	PHENOL	108-95-2	360	360	ug/Kg	U	Z
40093	0	2	IN	SS40060AE	PHENOL	108-95-2	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	PHENOL	108-95-2	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	PHENOL	108-95-2	440	440	ug/Kg	U	V
40693	0	2	IN	SS40057AE	PHENOL	108-95-2	600	600	ug/Kg	U	V
40793	0	2	IN	SS40058AE	PHENOL	108-95-2	590	590	ug/Kg	U	V
40893	0	2	IN	SS40004AE	PHENOL	108-95-2	330	400	ug/Kg	U	V
40993	0	2	IN	SS40072AE	PHENOL	108-95-2	390	390	ug/Kg	U	V
41193	0	2	IN	SS40007AE	PHENOL	108-95-2	500	500	ug/Kg	U	V
41293	0	2	IN	SS40071AE	PHENOL	108-95-2	740	740	ug/Kg	U	V
41593	4	6	IN	SS40073AE	PHENOL	108-95-2	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	PHENOL	108-95-2	450	450	ug/Kg	U	V
41793	0	2	IN	SS40077AE	PHENOL	108-95-2	390	390	ug/Kg	U	

275

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41993	0	2	IN	SS40009AE	PHENOL	108-95-2	400	400	ug/Kg	U	
42093	0	2	IN	SS40480AE	PHENOL	108-95-2	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	PHENOL	108-95-2	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	PHENOL	108-95-2	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	PHENOL	108-95-2	360	360	ug/Kg	U	V
42593	4	6	IN	SS40082AE	PHENOL	108-95-2	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	PHENOL	108-95-2	520	520	ug/Kg	U	J
42993	0	2	IN	SS40056AE	PHENOL	108-95-2	370	370	ug/Kg	U	V
43193	0	2	IN	SS40084AE	PHENOL	108-95-2	360	360	ug/Kg	U	
43393	4	6	IN	SS40087AE	PHENOL	108-95-2	350	350	ug/Kg	U	V
43493	0	2	IN	SS40086AE	PHENOL	108-95-2	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	PHENOL	108-95-2	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	PHENOL	108-95-2	380	380	ug/Kg	U	V
43893	0	2	IN	SS40010AE	PHENOL	108-95-2	400	400	ug/Kg	U	V
43993	0	2	IN	SS40091AE	PHENOL	108-95-2	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	PHENOL	108-95-2	400	400	ug/Kg	U	
44393	0	2	IN	SS40005AE	PHENOL	108-95-2	380	380	ug/Kg	U	V
44893	0	2	IN	SS40070AE	PHENOL	108-95-2	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	PHENOL	108-95-2	480	480	ug/Kg	U	V
45793	0	2	IN	SS40015AE	PHENOL	108-95-2	500	500	ug/Kg	U	V
46193	0	2	IN	SS40096AE	PHENOL	108-95-2	420	420	ug/Kg	U	V
46693	4	6	IN	SS40141AE	PHENOL	108-95-2	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	PHENOL	108-95-2	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	PHENOL	108-95-2	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	PHENOL	108-95-2	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	PHENOL	108-95-2	460	460	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	PHENOL	108-95-2	350	350	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	PHENOL	108-95-2	340	340	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	PHENOL	108-95-2	360	360	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	PHENOL	108-95-2	380	380	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	PHENOL	108-95-2	460	460	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	PHENOL	108-95-2	480	480	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	PHENOL	108-95-2	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	PHENOL	108-95-2	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	PHENOL	108-95-2	430	430	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	PHENOL	108-95-2	360	360	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	PHENOL	108-95-2	380	380	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	PHENOL	108-95-2	380	380	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	PHENOL	108-95-2	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	PHENOL	108-95-2	370	370	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	PHENOL	108-95-2	350	350	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	PHENOL	108-95-2	340	340	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	PHENOL	108-95-2	700	700	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	PHENOL	108-95-2	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	PHENOL	108-95-2	440	440	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	PHENOL	108-95-2	630	630	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	PHENOL	108-95-2	420	420	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	PHENOL	108-95-2	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	PHENOL	108-95-2	390	390	ug/Kg	U	V
SS810893	0	3	IN	SSG0102JE	PHENOL	108-95-2	330	340	ug/Kg	U	V
SS811193	0	3	IN	SSG0105JE	PHENOL	108-95-2	330	350	ug/Kg	U	V
SS811493	0	3	IN	SSG0108JE	PHENOL	108-95-2	330	380	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	PROPANOIC ACID, 2-HYDROXY-2-	594-61-6		1100	ug/Kg	J	Z
05093	0	2	IN	SS00002AE	PYRENE	129-00-0	360	770	ug/Kg		Z
05193	0	2	IN	SS00003AE	PYRENE	129-00-0	380	64	ug/Kg	J	A
05393	0	2	IN	SS00005AE	PYRENE	129-00-0	360	150	ug/Kg	J	Z
40093	0	2	IN	SS40060AE	PYRENE	129-00-0	480	480	ug/Kg	U	V
40293	0	2	IN	SS40042AE	PYRENE	129-00-0	450	450	ug/Kg	U	V
40393	0	2	IN	SS40053AE	PYRENE	129-00-0	440	71	ug/Kg	J	A
40693	0	2	IN	SS40057AE	PYRENE	129-00-0	600	1200	ug/Kg		V
40793	0	2	IN	SS40058AE	PYRENE	129-00-0	590	1400	ug/Kg		V
40893	0	2	IN	SS40004AE	PYRENE	129-00-0	330	180	ug/Kg	J	A
40993	0	2	IN	SS40072AE	PYRENE	129-00-0	390	820	ug/Kg		V
41193	0	2	IN	SS40007AE	PYRENE	129-00-0	500	340	ug/Kg	J	A
41293	0	2	IN	SS40071AE	PYRENE	129-00-0	740	420	ug/Kg	J	A
41593	4	6	IN	SS40073AE	PYRENE	129-00-0	350	350	ug/Kg	U	V
41693	0	2	IN	SS40410AE	PYRENE	129-00-0	450	150	ug/Kg	J	A
41793	0	2	IN	SS40077AE	PYRENE	129-00-0	390	180	ug/Kg	J	
41993	0	2	IN	SS40009AE	PYRENE	129-00-0	400	280	ug/Kg	J	
42093	0	2	IN	SS40480AE	PYRENE	129-00-0	350	53	ug/Kg	J	A
42193	4	6	IN	SS40012AE	PYRENE	129-00-0	350	350	ug/Kg	U	V
42293	0	2	IN	SS40078AE	PYRENE	129-00-0	380	380	ug/Kg	U	J
42393	0	2	IN	SS40079AE	PYRENE	129-00-0	360	660	ug/Kg		J
42593	4	6	IN	SS40082AE	PYRENE	129-00-0	350	350	ug/Kg	U	V
42693	0	2	IN	SS40080AE	PYRENE	129-00-0	520	210	ug/Kg	J	A
42993	0	2	IN	SS40056AE	PYRENE	129-00-0	370	170	ug/Kg	J	A
43193	0	2	IN	SS40084AE	PYRENE	129-00-0	360	130	ug/Kg	J	
43393	4	6	IN	SS40087AE	PYRENE	129-00-0	350	350	ug/Kg	U	V

276

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43493	0	2	IN	SS40086AE	PYRENE	129-00-0	380	380	ug/Kg	U	J
43693	4	6	IN	SS40089AE	PYRENE	129-00-0	350	350	ug/Kg	U	V
43793	0	2	IN	SS40088AE	PYRENE	129-00-0	380	140	ug/Kg	J	A
43893	0	2	IN	SS40010AE	PYRENE	129-00-0	400	230	ug/Kg	J	A
43993	0	2	IN	SS40091AE	PYRENE	129-00-0	380	380	ug/Kg	U	V
44093	0	2	IN	SS40090AE	PYRENE	129-00-0	400	100	ug/Kg	J	
44393	0	2	IN	SS40005AE	PYRENE	129-00-0	380	190	ug/Kg	J	A
44893	0	2	IN	SS40070AE	PYRENE	129-00-0	440	440	ug/Kg	U	V
45693	0	2	IN	SS40094AE	PYRENE	129-00-0	480	460	ug/Kg	J	A
45793	0	2	IN	SS40015AE	PYRENE	129-00-0	500	1200	ug/Kg		V
46193	0	2	IN	SS40096AE	PYRENE	129-00-0	420	200	ug/Kg	J	A
46693	4	6	IN	SS40141AE	PYRENE	129-00-0	330	360	ug/Kg	U	V
46793	4	6	IN	SS40142AE	PYRENE	129-00-0	330	360	ug/Kg	U	V
46893	4	6	IN	SS40143AE	PYRENE	129-00-0	330	370	ug/Kg	U	V
47093	0	1	IN	SS40145AE	PYRENE	129-00-0	330	370	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	PYRENE	129-00-0	460	350	ug/Kg	J	A
SS400393	0	2	IN	SS40019AE	PYRENE	129-00-0	350	570	ug/Kg		V
SS400593	0	2	IN	SS40021AE	PYRENE	129-00-0	340	130	ug/Kg	J	A
SS400693	0	2	IN	SS40022AE	PYRENE	129-00-0	360	100	ug/Kg	J	A
SS400793	0	2	IN	SS40023AE	PYRENE	129-00-0	380	180	ug/Kg	J	A
SS400893	0	2	IN	SS40024AE	PYRENE	129-00-0	460	93	ug/Kg	J	A
SS401193	0	2	IN	SS40027AE	PYRENE	129-00-0	480	51	ug/Kg	J	A
SS401293	0	2	IN	SS40028AE	PYRENE	129-00-0	360	360	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	PYRENE	129-00-0	470	470	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	PYRENE	129-00-0	430	760	ug/Kg		V
SS401693	0	2	IN	SS40032AE	PYRENE	129-00-0	360	180	ug/Kg	J	A
SS401893	0	2	IN	SS40034AE	PYRENE	129-00-0	380	260	ug/Kg	J	A
SS402393	0	2	IN	SS40039AE	PYRENE	129-00-0	380	210	ug/Kg	J	A
SS402593	0	2	IN	SS40041AE	PYRENE	129-00-0	440	440	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	PYRENE	129-00-0	370	1100	ug/Kg		V
SS402893	0	2	IN	SS40044AE	PYRENE	129-00-0	350	370	ug/Kg		V
SS402993	0	2	IN	SS40045AE	PYRENE	129-00-0	340	57	ug/Kg	J	A
SS403093	0	2	IN	SS40046AE	PYRENE	129-00-0	700	310	ug/Kg	J	A
SS403193	0	2	IN	SS40047AE	PYRENE	129-00-0	460	460	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	PYRENE	129-00-0	440	210	ug/Kg	J	A
SS403393	0	2	IN	SS40049AE	PYRENE	129-00-0	630	90	ug/Kg	J	A
SS403493	0	2	IN	SS40050AE	PYRENE	129-00-0	420	49	ug/Kg	J	A
SS403593	0	2	IN	SS40051AE	PYRENE	129-00-0	390	390	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	PYRENE	129-00-0	390	210	ug/Kg	J	A
SS810893	0	3	IN	SSG0102JE	PYRENE	129-00-0	330	350	ug/Kg		V
SS811193	0	3	IN	SSG0105JE	PYRENE	129-00-0	330	1000	ug/Kg		V
SS811493	0	3	IN	SSG0108JE	PYRENE	129-00-0	330	2800	ug/Kg		V

2MM

Table A.2 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT	SAMPLE NUMBER	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P208989	0	0	FT	SEP1789BR0002	STYRENE	100-42-5	6	6	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	TCE	79-01-6	6	6	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	TETRATETRACONTANE	7098-22-8		1600	ug/Kg	J	Z
SS403493	0	2	IN	SS40050AE	TETRATETRACONTANE	7098-22-8		1700	ug/Kg	J	Z
SS403493	0	2	IN	SS40050AE	TETRATETRACONTANE	7098-22-8		1700	ug/Kg	J	Z
P208989	0	0	FT	SEP1789BR0002	TOLUENE	108-88-3	6	6	ug/Kg	U	V
05193	0	2	IN	SS00003AE	TOXAPHENE	8001-35-2	180	180	ug/Kg	U	V
05393	0	2	IN	SS00005AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	UX	Z
40093	0	2	IN	SS40060AE	TOXAPHENE	8001-35-2	230	230	ug/Kg	U	V
40293	0	2	IN	SS40042AE	TOXAPHENE	8001-35-2	210	210	ug/Kg	U	V
40393	0	2	IN	SS40053AE	TOXAPHENE	8001-35-2	210	210	ug/Kg	U	V
40693	0	2	IN	SS40057AE	TOXAPHENE	8001-35-2	290	290	ug/Kg	U	V
40793	0	2	IN	SS40058AE	TOXAPHENE	8001-35-2	280	280	ug/Kg	U	V
40893	0	2	IN	SS40004AE	TOXAPHENE	8001-35-2	160	190	ug/Kg	U	V
40993	0	2	IN	SS40072AE	TOXAPHENE	8001-35-2	190	190	ug/Kg	U	V
41193	0	2	IN	SS40007AE	TOXAPHENE	8001-35-2	240	240	ug/Kg	U	V
41293	0	2	IN	SS40071AE	TOXAPHENE	8001-35-2	360	360	ug/Kg	U	V
41593	4	6	IN	SS40073AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	U	V
41693	0	2	IN	SS40410AE	TOXAPHENE	8001-35-2	210	210	ug/Kg	U	V
41793	0	2	IN	SS40077AE	TOXAPHENE	8001-35-2	190	190	ug/Kg	U	V
41993	0	2	IN	SS40009AE	TOXAPHENE	8001-35-2	190	190	ug/Kg	U	V
42093	0	2	IN	SS40480AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	U	V
42193	4	6	IN	SS40012AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	U	J
42393	0	2	IN	SS40079AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	U	V
42693	0	2	IN	SS40080AE	TOXAPHENE	8001-35-2	250	250	ug/Kg	U	V
42993	0	2	IN	SS40056AE	TOXAPHENE	8001-35-2	180	180	ug/Kg	U	V
43393	4	6	IN	SS40087AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	U	V
43693	4	6	IN	SS40089AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	U	V
43793	0	2	IN	SS40088AE	TOXAPHENE	8001-35-2	180	180	ug/Kg	U	V
43893	0	2	IN	SS40010AE	TOXAPHENE	8001-35-2	190	190	ug/Kg	U	V
43993	0	2	IN	SS40091AE	TOXAPHENE	8001-35-2	180	180	ug/Kg	U	V
44093	0	2	IN	SS40090AE	TOXAPHENE	8001-35-2	190	190	ug/Kg	U	V
44393	0	2	IN	SS40005AE	TOXAPHENE	8001-35-2	180	180	ug/Kg	U	V
44893	0	2	IN	SS40070AE	TOXAPHENE	8001-35-2	210	210	ug/Kg	U	V
45693	0	2	IN	SS40094AE	TOXAPHENE	8001-35-2	230	230	ug/Kg	U	V
45793	0	2	IN	SS40015AE	TOXAPHENE	8001-35-2	240	240	ug/Kg	U	V
46193	0	2	IN	SS40096AE	TOXAPHENE	8001-35-2	200	200	ug/Kg	U	V
46693	4	6	IN	SS40141AE	TOXAPHENE	8001-35-2	160	170	ug/Kg	U	V
46793	4	6	IN	SS40142AE	TOXAPHENE	8001-35-2	160	180	ug/Kg	U	V
46893	4	6	IN	SS40143AE	TOXAPHENE	8001-35-2	160	180	ug/Kg	U	V
47093	0	1	IN	SS40145AE	TOXAPHENE	8001-35-2	160	180	ug/Kg	U	V
SS400293	0	2	IN	SS40018AE	TOXAPHENE	8001-35-2	220	220	ug/Kg	U	V
SS400393	0	2	IN	SS40019AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	U	V
SS400593	0	2	IN	SS40021AE	TOXAPHENE	8001-35-2	160	160	ug/Kg	U	V
SS400693	0	2	IN	SS40022AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	U	V
SS400793	0	2	IN	SS40023AE	TOXAPHENE	8001-35-2	180	180	ug/Kg	U	V
SS400893	0	2	IN	SS40024AE	TOXAPHENE	8001-35-2	220	220	ug/Kg	U	V
SS401193	0	2	IN	SS40027AE	TOXAPHENE	8001-35-2	230	230	ug/Kg	U	V
SS401293	0	2	IN	SS40028AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	U	V
SS401393	0	2	IN	SS40029AE	TOXAPHENE	8001-35-2	230	230	ug/Kg	U	V
SS401593	0	2	IN	SS40031AE	TOXAPHENE	8001-35-2	210	210	ug/Kg	U	V
SS401693	0	2	IN	SS40032AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	U	V
SS401893	0	2	IN	SS40034AE	TOXAPHENE	8001-35-2	180	180	ug/Kg	U	V
SS402393	0	2	IN	SS40039AE	TOXAPHENE	8001-35-2	180	180	ug/Kg	U	V
SS402593	0	2	IN	SS40041AE	TOXAPHENE	8001-35-2	210	210	ug/Kg	U	V
SS402793	0	2	IN	SS40043AE	TOXAPHENE	8001-35-2	180	180	ug/Kg	U	V
SS402893	0	2	IN	SS40044AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	U	V
SS402993	0	2	IN	SS40045AE	TOXAPHENE	8001-35-2	160	160	ug/Kg	U	V
SS403093	0	2	IN	SS40046AE	TOXAPHENE	8001-35-2	340	340	ug/Kg	U	V
SS403193	0	2	IN	SS40047AE	TOXAPHENE	8001-35-2	220	220	ug/Kg	U	V
SS403293	0	2	IN	SS40048AE	TOXAPHENE	8001-35-2	210	210	ug/Kg	U	V
SS403393	0	2	IN	SS40049AE	TOXAPHENE	8001-35-2	300	300	ug/Kg	U	V
SS403493	0	2	IN	SS40050AE	TOXAPHENE	8001-35-2	200	200	ug/Kg	U	V
SS403593	0	2	IN	SS40051AE	TOXAPHENE	8001-35-2	190	190	ug/Kg	U	V
SS403693	0	2	IN	SS40052AE	TOXAPHENE	8001-35-2	190	190	ug/Kg	U	V
SS606292	0	2	IN	SS60062WC	TOXAPHENE	8001-35-2	160	180	ug/Kg	U	V
SS620292	0	2	IN	SS60202WC	TOXAPHENE	8001-35-2	160	200	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
41593	4	6	IN	SS40073AE	TRIBUTYL PHOSPHATE	126-73-8	350	350	ug/Kg	U	V
42193	4	6	IN	SS40012AE	TRIBUTYL PHOSPHATE	126-73-8	350	350	ug/Kg	U	V
42593	4	6	IN	SS40082AE	TRIBUTYL PHOSPHATE	126-73-8	350	350	ug/Kg	U	V
43393	4	6	IN	SS40087AE	TRIBUTYL PHOSPHATE	126-73-8	350	350	ug/Kg	U	V
43693	4	6	IN	SS40089AE	TRIBUTYL PHOSPHATE	126-73-8	350	350	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P208989	0	0	FT	SEP1789BR0002	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V

278

Table A.3 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNITS	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05093	SS00002AE	0	2	IN	AMERICIUM-241	14596-10-2	0.007	6.95	pCi/g		A
05193	SS00003AE	0	2	IN	AMERICIUM-241	14596-10-2	0.004	0.832	pCi/g		A
05393	SS00005AE	0	2	IN	AMERICIUM-241	14596-10-2	0.012	6.99	pCi/g		A
40093	SS40060AE	0	2	IN	AMERICIUM-241	14596-10-2	0	0.035	pCi/g		V
40293	SS40042AE	0	2	IN	AMERICIUM-241	14596-10-2	0.012	0.028	pCi/g		V
40393	SS40053AE	0	2	IN	AMERICIUM-241	14596-10-2	0.008	0.081	pCi/g		V
40693	SS40057AE	0	2	IN	AMERICIUM-241	14596-10-2	0.022	0.58	pCi/g		V
40793	SS40058AE	0	2	IN	AMERICIUM-241	14596-10-2	0.024	2.1	pCi/g		V
40893	SS40004AE	0	2	IN	AMERICIUM-241	14596-10-2	0.03	1.5	pCi/g		V
40993	SS40072AE	0	2	IN	AMERICIUM-241	14596-10-2	0.054	2.5	pCi/g		V
41193	SS40007AE	0	2	IN	AMERICIUM-241	14596-10-2	0.027	4.5	pCi/g		V
41293	SS40071AE	0	2	IN	AMERICIUM-241	14596-10-2	0.008	2	pCi/g	B	A
41593	SS40073AE	4	6	IN	AMERICIUM-241	14596-10-2	0.005	3.3	pCi/g		V
41693	SS40410AE	0	2	IN	AMERICIUM-241	14596-10-2	0.05	12	pCi/g		A
41793	SS40077AE	0	2	IN	AMERICIUM-241	14596-10-2	0.00236514	8.962	pCi/g		A
41993	SS40009AE	0	2	IN	AMERICIUM-241	14596-10-2	0.01	0.43	pCi/g		A
42093	SS40480AE	0	2	IN	AMERICIUM-241	14596-10-2	0.01	0.46	pCi/g		V
42193	SS40012AE	4	6	IN	AMERICIUM-241	14596-10-2	0	0.0652	pCi/g		A
42293	SS40078AE	0	2	IN	AMERICIUM-241	14596-10-2	0.00422499	0.05853	pCi/g		V
42393	SS40079AF	0	2	IN	AMERICIUM-241	14596-10-2	0.005	0.23	pCi/g		V
42593	SS40082AE	4	6	IN	AMERICIUM-241	14596-10-2	0	0.151	pCi/g		A
42693	SS40080AE	0	2	IN	AMERICIUM-241	14596-10-2	0.006	0.34	pCi/g		V
42993	SS40056AE	0	2	IN	AMERICIUM-241	14596-10-2	0.02	0.56	pCi/g		V
43393	SS40087AE	4	6	IN	AMERICIUM-241	14596-10-2	0.009	0.021	pCi/g		A
43493	SS40086AE	0	2	IN	AMERICIUM-241	14596-10-2	0.00254556	0.0856	pCi/g		V
43693	SS40089AE	4	6	IN	AMERICIUM-241	14596-10-2	0	2.17	pCi/g		A
43793	SS40088AE	0	2	IN	AMERICIUM-241	14596-10-2	0.052	110	pCi/g		A
43893	SS40010AE	0	2	IN	AMERICIUM-241	14596-10-2	0.047	1.7	pCi/g		V
44093	SS40090AE	0	2	IN	AMERICIUM-241	14596-10-2	0.059	0.97	pCi/g		V
44393	SS40005AE	0	2	IN	AMERICIUM-241	14596-10-2	0.01	0.408	pCi/g		V
44593	SS40001AE	0	2	IN	AMERICIUM-241	14596-10-2	0.01	0.52	pCi/g		V
44893	SS40070AE	0	2	IN	AMERICIUM-241	14596-10-2	0	0.0457	pCi/g		V
45693	SS40094AE	0	2	IN	AMERICIUM-241	14596-10-2	0.007	0.16	pCi/g		A
45793	SS40015AE	0	2	IN	AMERICIUM-241	14596-10-2	0.06	1.5	pCi/g		V
46193	SS40096AE	0	2	IN	AMERICIUM-241	14596-10-2	0.007	0.58	pCi/g		A
46693	SS40141AE	4	6	IN	AMERICIUM-241	14596-10-2	0.00432376	44.68	pCi/g		Z
46793	SS40142AE	4	6	IN	AMERICIUM-241	14596-10-2	0.0166	13.55	pCi/g		V
46793	SS40142AE	4	6	IN	AMERICIUM-241	14596-10-2	0.00866405	11.69	pCi/g		Z
46893	SS40143AE	4	6	IN	AMERICIUM-241	14596-10-2	0.00566118	0.06968	pCi/g		V
47093	SS40145AE	0	1	IN	AMERICIUM-241	14596-10-2	0.00502603	0.01141	pCi/g		V
48195	AS00001PE	0	0	FT	AMERICIUM-241	14596-10-2	0.029	8.188	pCi/g		Z
48295	AS00002PE	0	0	FT	AMERICIUM-241	14596-10-2	0.029	3.063	pCi/g		Z
48395	AS00003PE	0	0	FT	AMERICIUM-241	14596-10-2	0.006	2.951	pCi/g		Z
SS400293	SS40018AE	0	2	IN	AMERICIUM-241	14596-10-2	0.00246787	2.783	pCi/g		A
SS400393	SS40019AE	0	2	IN	AMERICIUM-241	14596-10-2	0.6	27	pCi/g		A
SS400593	SS40021AE	0	2	IN	AMERICIUM-241	14596-10-2	0.5	92	pCi/g		A
SS400693	SS40022AE	0	2	IN	AMERICIUM-241	14596-10-2	1	55	pCi/g		A
SS400793	SS40023AE	0	2	IN	AMERICIUM-241	14596-10-2	0.0023368	1.147	pCi/g		A
SS400893	SS40024AE	0	2	IN	AMERICIUM-241	14596-10-2	0.004	0.1974	pCi/g		A
SS401193	SS40027AE	0	2	IN	AMERICIUM-241	14596-10-2	0	0.03327	pCi/g		A
SS401293	SS40028AE	0	2	IN	AMERICIUM-241	14596-10-2	0.00259015	0.05839	pCi/g		A
SS401393	SS40029AE	0	2	IN	AMERICIUM-241	14596-10-2	0.00259347	0.2156	pCi/g		A
SS401593	SS40031AE	0	2	IN	AMERICIUM-241	14596-10-2	0.00769983	0.9783	pCi/g		A
SS401693	SS40032AE	0	2	IN	AMERICIUM-241	14596-10-2	0.00428353	2.132	pCi/g		A
SS401893	SS40034AE	0	2	IN	AMERICIUM-241	14596-10-2	0.00385281	16.43	pCi/g		A
SS402393	SS40039AE	0	2	IN	AMERICIUM-241	14596-10-2	0.00245313	1.381	pCi/g		A
SS402593	SS40041AE	0	2	IN	AMERICIUM-241	14596-10-2	0	0.03634	pCi/g		A
SS402893	SS40044AE	0	2	IN	AMERICIUM-241	14596-10-2	0.8	130	pCi/g		A
SS402993	SS40045AE	0	2	IN	AMERICIUM-241	14596-10-2	0.3	3.2	pCi/g		A
SS403093	SS40046AE	0	2	IN	AMERICIUM-241	14596-10-2	0.005	7.5	pCi/g		V
SS403193	SS40047AE	0	2	IN	AMERICIUM-241	14596-10-2	0.005	0.45	pCi/g		V
SS403293	SS40048AE	0	2	IN	AMERICIUM-241	14596-10-2	0.014	0.93	pCi/g		V
SS403393	SS40049AE	0	2	IN	AMERICIUM-241	14596-10-2	0.008	0.2	pCi/g		V
SS403493	SS40050AE	0	2	IN	AMERICIUM-241	14596-10-2	0.003	0.046	pCi/g		V
SS403593	SS40051AE	0	2	IN	AMERICIUM-241	14596-10-2	0.003	0.046	pCi/g		V
SS403693	SS40052AE	0	2	IN	AMERICIUM-241	14596-10-2	0.012	0.25	pCi/g		V
SS606292	SS60062WC	0	2	IN	AMERICIUM-241	14596-10-2	0	0.02481	pCi/g		A
SS620292	SS60202WC	0	2	IN	AMERICIUM-241	14596-10-2	0	0.1591	pCi/g		A
SS811193	SSG0105JE	0	3	IN	AMERICIUM-241	14596-10-2	0.02	0.15	pCi/g		V
093	SS00002AE	0	2	IN	CESIUM-134	13967-70-9	0.084	0.084	pCi/g	U	V

279

Table A.3 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNITS	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05193	SS00003AE	0	2	IN	CESIUM-134	13967-70-9	0.076	0.003	pCi/g	U	V
05393	SS00005AE	0	2	IN	CESIUM-134	13967-70-9	0.075	0.075	pCi/g	U	J
40093	SS40060AE	0	2	IN	CESIUM-134	13967-70-9		0.088	pCi/g	U	
40293	SS40042AE	0	2	IN	CESIUM-134	13967-70-9	0.079	0.079	pCi/g		Z
40393	SS40053AE	0	2	IN	CESIUM-134	13967-70-9	0.11	0.11	pCi/g		Z
40693	SS40057AE	0	2	IN	CESIUM-134	13967-70-9	0.14	0.14	pCi/g		Z
40793	SS40058AE	0	2	IN	CESIUM-134	13967-70-9	0.14	0.14	pCi/g		Z
40893	SS40004AE	0	2	IN	CESIUM-134	13967-70-9	0.3	0.001	pCi/g	U	J
40993	SS40072AE	0	2	IN	CESIUM-134	13967-70-9	0.15	0.15	pCi/g		Z
41193	SS40007AE	0	2	IN	CESIUM-134	13967-70-9	0.11	0.006	pCi/g	U	V
41293	SS40071AE	0	2	IN	CESIUM-134	13967-70-9	0.24	0.012	pCi/g	U	V
41593	SS40073AE	4	6	IN	CESIUM-134	13967-70-9	0.11	0.11	pCi/g		Z
41693	SS40410AE	0	2	IN	CESIUM-134	13967-70-9	0.099	0.005	pCi/g	U	V
41793	SS40077AE	0	2	IN	CESIUM-134	13967-70-9	0.05255	-0.0442	pCi/g	U	A
41993	SS40009AE	0	2	IN	CESIUM-134	13967-70-9	0.087	0.001	pCi/g	U	J
42093	SS40480AE	0	2	IN	CESIUM-134	13967-70-9	0.08	0.001	pCi/g	U	J
42293	SS40078AE	0	2	IN	CESIUM-134	13967-70-9	0.0463	-0.0109	pCi/g	U	Z
42393	SS40079AE	0	2	IN	CESIUM-134	13967-70-9	0.12	0.003	pCi/g	U	V
42693	SS40080AE	0	2	IN	CESIUM-134	13967-70-9	0.14	0.006	pCi/g	U	V
42993	SS40056AE	0	2	IN	CESIUM-134	13967-70-9	0.1	0.001	pCi/g	U	J
43193	SS40084AE	0	2	IN	CESIUM-134	13967-70-9	0.05487	-0.239	pCi/g	U	A
43493	SS40086AE	0	2	IN	CESIUM-134	13967-70-9	0.0436	0.006742	pCi/g	U	Z
43793	SS40088AE	0	2	IN	CESIUM-134	13967-70-9	0.091	0.007	pCi/g	U	V
43893	SS40010AE	0	2	IN	CESIUM-134	13967-70-9	0.11	0.002	pCi/g	U	V
44093	SS40090AE	0	2	IN	CESIUM-134	13967-70-9	0.077	0.077	pCi/g		Z
44393	SS40005AE	0	2	IN	CESIUM-134	13967-70-9		0.085	pCi/g	U	
44593	SS40001AE	0	2	IN	CESIUM-134	13967-70-9	0.2	0.001	pCi/g	U	J
44893	SS40070AE	0	2	IN	CESIUM-134	13967-70-9		0.076	pCi/g	U	
45693	SS40094AE	0	2	IN	CESIUM-134	13967-70-9	0.1	0.1	pCi/g		Z
45793	SS40015AE	0	2	IN	CESIUM-134	13967-70-9	0.075	0.075	pCi/g		Z
46193	SS40096AE	0	2	IN	CESIUM-134	13967-70-9	0.099	0.099	pCi/g		Z
46693	SS40141AE	4	6	IN	CESIUM-134	13967-70-9	0.024	-0.00225	pCi/g	U	V
46793	SS40142AE	4	6	IN	CESIUM-134	13967-70-9	0.021	0.001587	pCi/g	U	V
46893	SS40143AE	4	6	IN	CESIUM-134	13967-70-9	0.02162	-0.02	pCi/g	U	V
47093	SS40145AE	0	1	IN	CESIUM-134	13967-70-9	0.02215	0.008233	pCi/g	U	V
48195	AS00001PE	0	0	FT	CESIUM-134	13967-70-9	0.0344	-0.0485	pCi/g	U	Y
48295	AS00002PE	0	0	FT	CESIUM-134	13967-70-9	0.035	-0.0124	pCi/g	U	Y
48395	AS00003PE	0	0	FT	CESIUM-134	13967-70-9	0.0298	-0.00069	pCi/g	U	Y
SS400393	SS40019AE	0	2	IN	CESIUM-134	13967-70-9	0.2	0.001	pCi/g	U	J
SS400593	SS40021AE	0	2	IN	CESIUM-134	13967-70-9	0.2	0.001	pCi/g	U	J
SS400693	SS40022AE	0	2	IN	CESIUM-134	13967-70-9	0.2	0.001	pCi/g	U	J
SS400893	SS40024AE	0	2	IN	CESIUM-134	13967-70-9	0.04881	-0.00825	pCi/g	U	
SS401193	SS40027AE	0	2	IN	CESIUM-134	13967-70-9	0.04574	-0.032	pCi/g	U	
SS402593	SS40041AE	0	2	IN	CESIUM-134	13967-70-9	0.03793	-0.0346	pCi/g	U	
SS402793	SS40043AE	0	2	IN	CESIUM-134	13967-70-9	0.075	0.002	pCi/g	U	J
SS402893	SS40044AE	0	2	IN	CESIUM-134	13967-70-9	0.2	0.001	pCi/g	U	J
SS402993	SS40045AE	0	2	IN	CESIUM-134	13967-70-9	0.1	0.001	pCi/g	U	J
SS403093	SS40046AE	0	2	IN	CESIUM-134	13967-70-9	0.11	0.002	pCi/g	U	J
SS403193	SS40047AE	0	2	IN	CESIUM-134	13967-70-9	0.074	0.002	pCi/g	U	J
SS403293	SS40048AE	0	2	IN	CESIUM-134	13967-70-9	0.075	0.002	pCi/g	U	J
SS403393	SS40049AE	0	2	IN	CESIUM-134	13967-70-9	0.079	0.002	pCi/g	U	J
SS403493	SS40050AE	0	2	IN	CESIUM-134	13967-70-9	0.073	0.002	pCi/g	U	J
SS403593	SS40051AE	0	2	IN	CESIUM-134	13967-70-9	0.076	0.002	pCi/g	U	J
SS403693	SS40052AE	0	2	IN	CESIUM-134	13967-70-9	0.074	0.002	pCi/g	U	J
05093	SS00002AE	0	2	IN	CESIUM-137	10045-97-3	0.1	0.59	pCi/g		V
05193	SS00003AE	0	2	IN	CESIUM-137	10045-97-3	0.0954	0.0674	pCi/g	U	V
05393	SS00005AE	0	2	IN	CESIUM-137	10045-97-3	0.106	0.21	pCi/g		V
40093	SS40060AE	0	2	IN	CESIUM-137	10045-97-3	0.086	0.003	pCi/g	U	V
40293	SS40042AE	0	2	IN	CESIUM-137	10045-97-3	0.29	0.34	pCi/g	J	V
40393	SS40053AE	0	2	IN	CESIUM-137	10045-97-3	0.25	0.48	pCi/g	J	V
40693	SS40057AE	0	2	IN	CESIUM-137	10045-97-3	0.34	0.47	pCi/g	J	V
40793	SS40058AE	0	2	IN	CESIUM-137	10045-97-3	0.36	0.79	pCi/g		V
40893	SS40004AE	0	2	IN	CESIUM-137	10045-97-3	0.016	0.38	pCi/g	J	A
40993	SS40072AE	0	2	IN	CESIUM-137	10045-97-3	0.2	0.01	pCi/g	U	V
41193	SS40007AE	0	2	IN	CESIUM-137	10045-97-3	0.39	0.39	pCi/g	J	V
41293	SS40071AE	0	2	IN	CESIUM-137	10045-97-3	0.75	0.29	pCi/g	U	V
41593	SS40073AE	4	6	IN	CESIUM-137	10045-97-3	0.25	0.13	pCi/g	U	V
41693	SS40410AE	0	2	IN	CESIUM-137	10045-97-3	0.25	0.094	pCi/g	U	V
41793	SS40077AE	0	2	IN	CESIUM-137	10045-97-3	0.063	0.5486	pCi/g	X	A
41993	SS40009AE	0	2	IN	CESIUM-137	10045-97-3	0.1	0.001	pCi/g	U	J

28D

Table A.3 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNITS	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42093	SS40480AE	0	2	IN	CESIUM-137	10045-97-3	0.06	0.001	pCi/g	U	J
42193	SS40012AE	4	6	IN	CESIUM-137	10045-97-3	0.094	0.0885	pCi/g	U	V
42293	SS40078AE	0	2	IN	CESIUM-137	10045-97-3	0.053	0.02327	pCi/g	U	A
42393	SS40079AE	0	2	IN	CESIUM-137	10045-97-3	0.15	0.004	pCi/g	U	V
42593	SS40082AE	4	6	IN	CESIUM-137	10045-97-3	0.082	0.002	pCi/g	U	V
42693	SS40080AE	0	2	IN	CESIUM-137	10045-97-3	0.19	0.014	pCi/g	U	V
42993	SS40056AE	0	2	IN	CESIUM-137	10045-97-3	0.09	0.001	pCi/g	U	J
43193	SS40084AE	0	2	IN	CESIUM-137	10045-97-3	0.059	0.2008	pCi/g	X	A
43393	SS40087AE	4	6	IN	CESIUM-137	10045-97-3	0.093	0.003	pCi/g	U	V
43493	SS40086AE	0	2	IN	CESIUM-137	10045-97-3	0.0507	-0.00724	pCi/g	U	A
43693	SS40089AE	4	6	IN	CESIUM-137	10045-97-3	0.107	0.127	pCi/g		V
43793	SS40088AE	0	2	IN	CESIUM-137	10045-97-3	0.13	0.005	pCi/g	U	V
43893	SS40010AE	0	2	IN	CESIUM-137	10045-97-3	0.14	0.001	pCi/g	U	V
44093	SS40090AE	0	2	IN	CESIUM-137	10045-97-3	0.096	0.002	pCi/g	U	V
44393	SS40005AE	0	2	IN	CESIUM-137	10045-97-3	0.11	0.003	pCi/g	U	V
44593	SS40001AE	0	2	IN	CESIUM-137	10045-97-3	0.2	0.001	pCi/g	U	J
44893	SS40070AE	0	2	IN	CESIUM-137	10045-97-3	0.095	0.149	pCi/g		V
45693	SS40094AE	0	2	IN	CESIUM-137	10045-97-3	0.2	0.096	pCi/g	U	V
45793	SS40015AE	0	2	IN	CESIUM-137	10045-97-3	0.15	0.24	pCi/g	J	V
46[illegible]	SS40096AE	0	2	IN	CESIUM-137	10045-97-3	0.28	0.45	pCi/g	J	V
46693	SS40141AE	4	6	IN	CESIUM-137	10045-97-3	0.023	0.0832	pCi/g	X	V
46793	SS40142AE	4	6	IN	CESIUM-137	10045-97-3	0.022	0.09919	pCi/g	X	V
46893	SS40143AE	4	6	IN	CESIUM-137	10045-97-3	0.02231	0.008007	pCi/g	U	V
47093	SS40145AE	0	1	IN	CESIUM-137	10045-97-3	0.02329	0.008735	pCi/g	U	V
48195	AS00001PE	0	0	FT	CESIUM-137	10045-97-3	0.0367	-0.00205	pCi/g	U	Y
48295	AS00002PE	0	0	FT	CESIUM-137	10045-97-3	0.0343	0.02372	pCi/g	U	Y
48395	AS00003PE	0	0	FT	CESIUM-137	10045-97-3	0.0322	0.00768	pCi/g	U	Y
SS400293	SS40018AE	0	2	IN	CESIUM-137	10045-97-3	0.07	0.6792	pCi/g	X	A
SS400393	SS40019AE	0	2	IN	CESIUM-137	10045-97-3		0.23	pCi/g	J	A
SS400593	SS40021AE	0	2	IN	CESIUM-137	10045-97-3	0.2	0.001	pCi/g	U	J
SS400693	SS40022AE	0	2	IN	CESIUM-137	10045-97-3	0.2	0.001	pCi/g	U	J
SS400793	SS40023AE	0	2	IN	CESIUM-137	10045-97-3	0.05	-0.0323	pCi/g	U	A
SS400893	SS40024AE	0	2	IN	CESIUM-137	10045-97-3	0.056	0.419	pCi/g		A
SS401193	SS40027AE	0	2	IN	CESIUM-137	10045-97-3	0.039	0.1645	pCi/g		A
SS401293	SS40028AE	0	2	IN	CESIUM-137	10045-97-3	0.05	0.02006	pCi/g	U	A
SS401393	SS40029AE	0	2	IN	CESIUM-137	10045-97-3	0.07	0.007605	pCi/g	U	A
SS401593	SS40031AE	0	2	IN	CESIUM-137	10045-97-3	0.05	0.2159	pCi/g	X	A
SS401693	SS40032AE	0	2	IN	CESIUM-137	10045-97-3	0.05	0.007189	pCi/g	U	A
SS401893	SS40034AE	0	2	IN	CESIUM-137	10045-97-3	0.05	0.2053	pCi/g	X	A
SS402393	SS40039AE	0	2	IN	CESIUM-137	10045-97-3	0.05	0.02488	pCi/g	U	A
SS402593	SS40041AE	0	2	IN	CESIUM-137	10045-97-3	0.042	0.03373	pCi/g	U	A
SS402793	SS40043AE	0	2	IN	CESIUM-137	10045-97-3	0.23	0.2	pCi/g	U	V
SS402893	SS40044AE	0	2	IN	CESIUM-137	10045-97-3		0.52	pCi/g		A
SS402993	SS40045AE	0	2	IN	CESIUM-137	10045-97-3	0.09	0.001	pCi/g	U	J
SS403093	SS40046AE	0	2	IN	CESIUM-137	10045-97-3	0.25	0.32	pCi/g	J	V
SS403193	SS40047AE	0	2	IN	CESIUM-137	10045-97-3	0.16	0.078	pCi/g	U	V
SS403293	SS40048AE	0	2	IN	CESIUM-137	10045-97-3	0.18	0.18	pCi/g	J	V
SS403393	SS40049AE	0	2	IN	CESIUM-137	10045-97-3	0.16	0.057	pCi/g	U	V
SS403493	SS40050AE	0	2	IN	CESIUM-137	10045-97-3	0.14	0.14	pCi/g	J	V
SS403593	SS40051AE	0	2	IN	CESIUM-137	10045-97-3	0.2	0.26	pCi/g	J	V
SS403693	SS40052AE	0	2	IN	CESIUM-137	10045-97-3	0.23	0.22	pCi/g	U	V
48195	AS00001PE	0	0	FT	GROSS ALPHA	10-78-6	5	26	pCi/g		Z
48295	AS00002PE	0	0	FT	GROSS ALPHA	10-78-6	3	9.5	pCi/g		Z
48395	AS00003PE	0	0	FT	GROSS ALPHA	10-78-6	7.5	23.5	pCi/g		Z
05093	SS00002AE	0	2	IN	GROSS ALPHA	12587-46-1	4.74	67.6	pCi/g		A
05393	SS00005AE	0	2	IN	GROSS ALPHA	12587-46-1	3.9	32	pCi/g		V
40093	SS40060AE	0	2	IN	GROSS ALPHA	12587-46-1	3.3	13.8	pCi/g		A
40293	SS40042AE	0	2	IN	GROSS ALPHA	12587-46-1	3	17	pCi/g		A
40393	SS40053AE	0	2	IN	GROSS ALPHA	12587-46-1	3	21	pCi/g		A
40693	SS40057AE	0	2	IN	GROSS ALPHA	12587-46-1	2.4	24	pCi/g		A
40793	SS40058AE	0	2	IN	GROSS ALPHA	12587-46-1	2	36	pCi/g		A
40893	SS40004AE	0	2	IN	GROSS ALPHA	12587-46-1	3	11	pCi/g		V
40993	SS40072AE	0	2	IN	GROSS ALPHA	12587-46-1	2.2	43	pCi/g		A
41193	SS40007AE	0	2	IN	GROSS ALPHA	12587-46-1	2.9	47	pCi/g		A
41293	SS40071AE	0	2	IN	GROSS ALPHA	12587-46-1	3.9	27	pCi/g		A
41593	SS40073AE	4	6	IN	GROSS ALPHA	12587-46-1	3.1	75	pCi/g		A
41693	SS40410AE	0	2	IN	GROSS ALPHA	12587-46-1	2.8	65	pCi/g		A
41793	SS40077AE	0	2	IN	GROSS ALPHA	12587-46-1	2.28389	36.07	pCi/g		V
41993	SS40009AE	0	2	IN	GROSS ALPHA	12587-46-1	2	11	pCi/g		V
42093	SS40480AE	0	2	IN	GROSS ALPHA	12587-46-1	4	9.7	pCi/g		V

281

Table A.3 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNITS	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42193	SS40012AE	4	6	IN	GROSS ALPHA	12587-46-1	3.9	24.6	pCi/g		A
42293	SS40078AE	0	2	IN	GROSS ALPHA	12587-46-1	2.69711	9.143	pCi/g		A
42393	SS40079AE	0	2	IN	GROSS ALPHA	12587-46-1	2.7	29	pCi/g		A
42593	SS40082AE	4	6	IN	GROSS ALPHA	12587-46-1	3	17.2	pCi/g		A
42693	SS40080AE	0	2	IN	GROSS ALPHA	12587-46-1	2.9	31	pCi/g		A
42993	SS40056AE	0	2	IN	GROSS ALPHA	12587-46-1	4	14	pCi/g		V
43193	SS40084AE	0	2	IN	GROSS ALPHA	12587-46-1	2.76917	14.25	pCi/g		V
43393	SS40087AE	4	6	IN	GROSS ALPHA	12587-46-1	3.1	22.5	pCi/g		A
43493	SS40086AE	0	2	IN	GROSS ALPHA	12587-46-1	2.97869	8.561	pCi/g		A
43693	SS40089AE	4	6	IN	GROSS ALPHA	12587-46-1	3.9	39.6	pCi/g		A
43793	SS40088AE	0	2	IN	GROSS ALPHA	12587-46-1	2.1	260	pCi/g		A
43893	SS40010AE	0	2	IN	GROSS ALPHA	12587-46-1	3.9	110	pCi/g		A
43993	SS40091AE	0	2	IN	GROSS ALPHA	12587-46-1	4.9	32	pCi/g		A
44093	SS40090AE	0	2	IN	GROSS ALPHA	12587-46-1	3.4	20	pCi/g		A
44393	SS40005AE	0	2	IN	GROSS ALPHA	12587-46-1	3.9	18.3	pCi/g		A
44593	SS40001AE	0	2	IN	GROSS ALPHA	12587-46-1	3	11	pCi/g		V
44893	SS40070AE	0	2	IN	GROSS ALPHA	12587-46-1	3.5	16.3	pCi/g		A
45793	SS40015AE	0	2	IN	GROSS ALPHA	12587-46-1	2.7	45	pCi/g		A
46693	SS40141AE	4	6	IN	GROSS ALPHA	12587-46-1	2.37241	67.39	pCi/g		V
46793	SS40142AE	4	6	IN	GROSS ALPHA	12587-46-1	3.16189	34.72	pCi/g		V
46893	SS40143AE	4	6	IN	GROSS ALPHA	12587-46-1	2.62235	12.63	pCi/g		V
47093	SS40145AE	0	1	IN	GROSS ALPHA	12587-46-1	3.55641	6.736	pCi/g		A
SS400293	SS40018AE	0	2	IN	GROSS ALPHA	12587-46-1	2.69391	19.98	pCi/g		V
SS400793	SS40023AE	0	2	IN	GROSS ALPHA	12587-46-1	2.18741	17.6	pCi/g		V
SS400893	SS40024AE	0	2	IN	GROSS ALPHA	12587-46-1	2.9	15	pCi/g		V
SS401193	SS40027AE	0	2	IN	GROSS ALPHA	12587-46-1	2	12.08	pCi/g		V
SS401293	SS40028AE	0	2	IN	GROSS ALPHA	12587-46-1	3.16694	11.68	pCi/g		V
SS401393	SS40029AE	0	2	IN	GROSS ALPHA	12587-46-1	2.84339	16.9	pCi/g		V
SS401593	SS40031AE	0	2	IN	GROSS ALPHA	12587-46-1	2.37527	14.72	pCi/g		V
SS401693	SS40032AE	0	2	IN	GROSS ALPHA	12587-46-1	2.84105	11.9	pCi/g		V
SS401893	SS40034AE	0	2	IN	GROSS ALPHA	12587-46-1	2.54044	49.57	pCi/g		V
SS402393	SS40039AE	0	2	IN	GROSS ALPHA	12587-46-1	2.77372	26.28	pCi/g		V
SS402593	SS40041AE	0	2	IN	GROSS ALPHA	12587-46-1	2.31	17.48	pCi/g		V
SS402793	SS40043AE	0	2	IN	GROSS ALPHA	12587-46-1	3.6	440	pCi/g		V
SS403093	SS40046AE	0	2	IN	GROSS ALPHA	12587-46-1	1.9	250	pCi/g		V
SS403193	SS40047AE	0	2	IN	GROSS ALPHA	12587-46-1	2	46	pCi/g		V
SS403293	SS40048AE	0	2	IN	GROSS ALPHA	12587-46-1	2	34	pCi/g		V
SS403393	SS40049AE	0	2	IN	GROSS ALPHA	12587-46-1	2.8	32	pCi/g		V
SS403493	SS40050AE	0	2	IN	GROSS ALPHA	12587-46-1	2.8	36	pCi/g		V
SS403593	SS40051AE	0	2	IN	GROSS ALPHA	12587-46-1	2.6	26	pCi/g		V
SS403693	SS40052AE	0	2	IN	GROSS ALPHA	12587-46-1	3.5	28	pCi/g		V
SS606292	SS60062WC	0	2	IN	GROSS ALPHA	12587-46-1	2.8	9.274	pCi/g		A
SS620292	SS60202WC	0	2	IN	GROSS ALPHA	12587-46-1	2	14.09	pCi/g		V
SS811193	SSG0105JE	0	3	IN	GROSS ALPHA	12587-46-1	2	15	pCi/g		A
05093	SS00002AE	0	2	IN	GROSS BETA	12587-47-2	3.47	39.2	pCi/g		A
05193	SS00003AE	0	2	IN	GROSS BETA	12587-47-2	2.84	23.9	pCi/g		A
05393	SS00005AE	0	2	IN	GROSS BETA	12587-47-2	2.6	14.9	pCi/g		V
40093	SS40060AE	0	2	IN	GROSS BETA	12587-47-2	2.8	25.1	pCi/g		A
40293	SS40042AE	0	2	IN	GROSS BETA	12587-47-2	6	28	pCi/g		A
40393	SS40053AE	0	2	IN	GROSS BETA	12587-47-2	5.2	32	pCi/g		A
40693	SS40057AE	0	2	IN	GROSS BETA	12587-47-2	5.1	26	pCi/g		V
40793	SS40058AE	0	2	IN	GROSS BETA	12587-47-2	5.3	32	pCi/g		V
40893	SS40004AE	0	2	IN	GROSS BETA	12587-47-2	3	26	pCi/g		V
40993	SS40072AE	0	2	IN	GROSS BETA	12587-47-2	5.1	31	pCi/g		V
41193	SS40007AE	0	2	IN	GROSS BETA	12587-47-2	5.7	27	pCi/g	B	A
41293	SS40071AE	0	2	IN	GROSS BETA	12587-47-2	5.4	39	pCi/g		V
41593	SS40073AE	4	6	IN	GROSS BETA	12587-47-2	4.8	39	pCi/g		V
41693	SS40410AE	0	2	IN	GROSS BETA	12587-47-2	5.1	35	pCi/g		V
41793	SS40077AE	0	2	IN	GROSS BETA	12587-47-2	2.10727	28.74	pCi/g		V
41993	SS40009AE	0	2	IN	GROSS BETA	12587-47-2	3	23	pCi/g		V
42093	SS40480AE	0	2	IN	GROSS BETA	12587-47-2	3	26	pCi/g		V
42193	SS40012AE	4	6	IN	GROSS BETA	12587-47-2	2.7	48.5	pCi/g		A
42293	SS40078AE	0	2	IN	GROSS BETA	12587-47-2	2.02879	25.48	pCi/g		V
42393	SS40079AE	0	2	IN	GROSS BETA	12587-47-2	5.2	33	pCi/g	B	A
42593	SS40082AE	4	6	IN	GROSS BETA	12587-47-2	2.5	51.5	pCi/g		A
42693	SS40080AE	0	2	IN	GROSS BETA	12587-47-2	5.3	18	pCi/g	B	A
42993	SS40056AE	0	2	IN	GROSS BETA	12587-47-2	3	25	pCi/g		V
43193	SS40084AE	0	2	IN	GROSS BETA	12587-47-2	1.94947	29	pCi/g		V
43393	SS40087AE	4	6	IN	GROSS BETA	12587-47-2	2.6	41.9	pCi/g		A
43493	SS40086AE	0	2	IN	GROSS BETA	12587-47-2	2.01548	20.72	pCi/g		V

282

Table A.3 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNITS	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43693	SS40089AE	4	6	IN	GROSS BETA	12587-47-2	2.7	47.4	pCi/g		A
43793	SS40088AE	0	2	IN	GROSS BETA	12587-47-2	5	52	pCi/g		V
43893	SS40010AE	0	2	IN	GROSS BETA	12587-47-2	5.5	28	pCi/g	B	A
43993	SS40091AE	0	2	IN	GROSS BETA	12587-47-2	4.8	31	pCi/g	B	A
44093	SS40090AE	0	2	IN	GROSS BETA	12587-47-2	4.9	38	pCi/g		A
44393	SS40005AE	0	2	IN	GROSS BETA	12587-47-2	2.7	31	pCi/g		A
44593	SS40001AE	0	2	IN	GROSS BETA	12587-47-2	3	24	pCi/g		V
44893	SS40070AE	0	2	IN	GROSS BETA	12587-47-2	2.5	25.1	pCi/g		A
45693	SS40094AE	0	2	IN	GROSS BETA	12587-47-2	4.6	25	pCi/g		V
45793	SS40015AE	0	2	IN	GROSS BETA	12587-47-2	4.6	23	pCi/g		V
46193	SS40096AE	0	2	IN	GROSS BETA	12587-47-2	5.1	32	pCi/g		V
46693	SS40141AE	4	6	IN	GROSS BETA	12587-47-2	1.97215	28.08	pCi/g		V
46793	SS40142AE	4	6	IN	GROSS BETA	12587-47-2	1.97473	24.95	pCi/g		V
46893	SS40143AE	4	6	IN	GROSS BETA	12587-47-2	2.10657	28.88	pCi/g		V
47093	SS40145AE	0	1	IN	GROSS BETA	12587-47-2	2.13418	26.22	pCi/g		V
48195	AS00001PE	0	0	FT	GROSS BETA	12587-47-2	2.5	30.5	pCi/g		Z
48295	AS00002PE	0	0	FT	GROSS BETA	12587-47-2	2.5	20	pCi/g		Z
48395	AS00003PE	0	0	FT	GROSS BETA	12587-47-2	2.5	42	pCi/g		Z
SS400293	SS40018AE	0	2	IN	GROSS BETA	12587-47-2	2.14867	32.59	pCi/g		V
SS400393	SS40019AE	0	2	IN	GROSS BETA	12587-47-2	3	27	pCi/g		A
SS400593	SS40021AE	0	2	IN	GROSS BETA	12587-47-2	5	33	pCi/g		A
SS400693	SS40022AE	0	2	IN	GROSS BETA	12587-47-2	6	29	pCi/g		A
SS400793	SS40023AE	0	2	IN	GROSS BETA	12587-47-2	2.56976	20.83	pCi/g		V
SS400893	SS40024AE	0	2	IN	GROSS BETA	12587-47-2	2.45	24.91	pCi/g		V
SS401193	SS40027AE	0	2	IN	GROSS BETA	12587-47-2	2.39	27.59	pCi/g		V
SS401293	SS40028AE	0	2	IN	GROSS BETA	12587-47-2	1.95335	27.92	pCi/g		V
SS401393	SS40029AE	0	2	IN	GROSS BETA	12587-47-2	2.02247	29.22	pCi/g		V
SS401593	SS40031AE	0	2	IN	GROSS BETA	12587-47-2	2.56976	25	pCi/g		V
SS401693	SS40032AE	0	2	IN	GROSS BETA	12587-47-2	2.14938	37.04	pCi/g		V
SS401893	SS40034AE	0	2	IN	GROSS BETA	12587-47-2	1.9495	43.2	pCi/g		V
SS402393	SS40039AE	0	2	IN	GROSS BETA	12587-47-2	2.57145	34.94	pCi/g		V
SS402593	SS40041AE	0	2	IN	GROSS BETA	12587-47-2	2.42	21.56	pCi/g		V
SS402793	SS40043AE	0	2	IN	GROSS BETA	12587-47-2	4.1	64	pCi/g		V
SS402893	SS40044AE	0	2	IN	GROSS BETA	12587-47-2	3	73	pCi/g		A
SS402993	SS40045AE	0	2	IN	GROSS BETA	12587-47-2	3	27	pCi/g		A
SS403093	SS40046AE	0	2	IN	GROSS BETA	12587-47-2	5.4	110	pCi/g		V
SS403193	SS40047AE	0	2	IN	GROSS BETA	12587-47-2	5.1	37	pCi/g		V
SS403293	SS40048AE	0	2	IN	GROSS BETA	12587-47-2	5.7	30	pCi/g		V
SS403393	SS40049AE	0	2	IN	GROSS BETA	12587-47-2	3.9	24	pCi/g		V
SS403493	SS40050AE	0	2	IN	GROSS BETA	12587-47-2	5.7	30	pCi/g		V
SS403593	SS40051AE	0	2	IN	GROSS BETA	12587-47-2	5.4	22	pCi/g		V
SS403693	SS40052AE	0	2	IN	GROSS BETA	12587-47-2	4.6	35	pCi/g		V
SS606292	SS60062WC	0	2	IN	GROSS BETA	12587-47-2	2.47	22.52	pCi/g		A
SS620292	SS60202WC	0	2	IN	GROSS BETA	12587-47-2	2.4	23.3	pCi/g		V
SS811193	SSG0105JE	0	3	IN	GROSS BETA	12587-47-2	4	31	pCi/g		A
05093	SS00002AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.008	5.59	pCi/g		A
05193	SS00003AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.012	0.421	pCi/g		A
05393	SS00005AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.014	2.17	pCi/g		A
40093	SS40060AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.005	0.0129	pCi/g		A
40293	SS40042AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.002	0.039	pCi/g		A
40393	SS40053AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.015	0.089	pCi/g		A
40693	SS40057AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.002	1	pCi/g		V
40793	SS40058AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.027	3.3	pCi/g		V
40993	SS40072AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.005	7.9	pCi/g		V
41193	SS40007AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.011	3.4	pCi/g		V
41293	SS40071AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.037	1.9	pCi/g		A
41593	SS40073AE	4	6	IN	PLUTONIUM-239/240	10-12-8	0.007	14	pCi/g		V
41693	SS40410AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.006	4.9	pCi/g		V
41793	SS40077AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.00783079	9.033	pCi/g		A
42193	SS40012AE	4	6	IN	PLUTONIUM-239/240	10-12-8	0	0.28	pCi/g		A
42293	SS40078AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.00770614	0.3215	pCi/g		V
42393	SS40079AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.002	0.43	pCi/g		V
42593	SS40082AE	4	6	IN	PLUTONIUM-239/240	10-12-8	0	2.55	pCi/g		A
42693	SS40080AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.007	0.31	pCi/g		V
43193	SS40084AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.0026744	5.324	pCi/g		A
43393	SS40087AE	4	6	IN	PLUTONIUM-239/240	10-12-8	0	0.0192	pCi/g		A
43493	SS40086AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.00707395	0.6421	pCi/g		V
43693	SS40089AE	4	6	IN	PLUTONIUM-239/240	10-12-8	0.011	4.55	pCi/g		A
43793	SS40088AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.006	17	pCi/g		V
43893	SS40010AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.006	2.1	pCi/g		V

283

Table A.3 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNITS	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
44093	SS40090AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.029	0.39	pCi/g		A
44393	SS40005AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.01	0.211	pCi/g		A
44893	SS40070AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.009	0.0266	pCi/g		A
45693	SS40094AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.003	0.16	pCi/g	B	A
45793	SS40015AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.019	4.9	pCi/g		A
46193	SS40096AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.015	1.2	pCi/g	B	A
46693	SS40141AE	4	6	IN	PLUTONIUM-239/240	10-12-8	0.00770312	8.537	pCi/g		V
46793	SS40142AE	4	6	IN	PLUTONIUM-239/240	10-12-8	0.012763	12.87	pCi/g		V
46893	SS40143AE	4	6	IN	PLUTONIUM-239/240	10-12-8	0.00267208	0.1876	pCi/g		A
47093	SS40145AE	0	1	IN	PLUTONIUM-239/240	10-12-8	0.0137385	0.03881	pCi/g		V
48195	AS00001PE	0	0	FT	PLUTONIUM-239/240	10-12-8	0.011	3.361	pCi/g		Z
48295	AS00002PE	0	0	FT	PLUTONIUM-239/240	10-12-8	0.009	1.532	pCi/g		Z
48395	AS00003PE	0	0	FT	PLUTONIUM-239/240	10-12-8	0.003	1.31	pCi/g		Z
SS400293	SS40018AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.0123911	5.528	pCi/g		A
SS400793	SS40023AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.0128704	0.4302	pCi/g		A
SS400893	SS40024AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.008	0.337	pCi/g		A
SS401193	SS40027AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0	0.04633	pCi/g		A
SS401293	SS40028AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.0061751	0.01598	pCi/g		A
SS401393	SS40029AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.00516866	0.1907	pCi/g		A
SS401593	SS40031AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.00790624	3.077	pCi/g		V
SS401693	SS40032AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.00329839	1.864	pCi/g		V
SS401893	SS40034AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.00734517	7.448	pCi/g		V
SS402393	SS40039AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.00364554	5.329	pCi/g		V
SS402593	SS40041AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.004	0.02667	pCi/g	J	A
SS402793	SS40043AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.03	56	pCi/g		A
SS403093	SS40046AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.018	19	pCi/g		A
SS403193	SS40047AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.001	0.5	pCi/g		V
SS403293	SS40048AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.001	2.1	pCi/g		V
SS403393	SS40049AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.003	0.46	pCi/g		V
SS403493	SS40050AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.006	0.12	pCi/g		V
SS403593	SS40051AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.006	0.08	pCi/g		V
SS403693	SS40052AE	0	2	IN	PLUTONIUM-239/240	10-12-8	0.008	0.16	pCi/g		V
SS606292	SS60062WC	0	2	IN	PLUTONIUM-239/240	10-12-8	0	0.5102	pCi/g		A
SS620292	SS60202WC	0	2	IN	PLUTONIUM-239/240	10-12-8	0	0.0945	pCi/g		A
SS811193	SSG0105JE	0	3	IN	PLUTONIUM-239/240	10-12-8	0.004	0.13	pCi/g		V
40293	SS40042AE	0	2	IN	RADIUM-226	13982-63-3	0.35	0.87	pCi/g		A
40393	SS40053AE	0	2	IN	RADIUM-226	13982-63-3	0.41	0.82	pCi/g		A
40693	SS40057AE	0	2	IN	RADIUM-226	13982-63-3	0.61	0.62	pCi/g		A
40793	SS40058AE	0	2	IN	RADIUM-226	13982-63-3	0.44	0.72	pCi/g		A
40893	SS40004AE	0	2	IN	RADIUM-226	13982-63-3		0.76	pCi/g		
40993	SS40072AE	0	2	IN	RADIUM-226	13982-63-3	0.66	0.76	pCi/g		A
41193	SS40007AE	0	2	IN	RADIUM-226	13982-63-3	0.63	0.54	pCi/g	U	A
41293	SS40071AE	0	2	IN	RADIUM-226	13982-63-3	1.1	0.83	pCi/g	U	V
41593	SS40073AE	4	6	IN	RADIUM-226	13982-63-3	0.45	1.2	pCi/g		V
41693	SS40410AE	0	2	IN	RADIUM-226	13982-63-3	0.39	0.78	pCi/g		V
41793	SS40077AE	0	2	IN	RADIUM-226	13982-63-3	0.205	0.5733	pCi/g	X	A
41993	SS40009AE	0	2	IN	RADIUM-226	13982-63-3		0.32	pCi/g	J	
42093	SS40480AE	0	2	IN	RADIUM-226	13982-63-3		0.32	pCi/g	J	
42393	SS40079AE	0	2	IN	RADIUM-226	13982-63-3	0.41	0.73	pCi/g		A
42693	SS40080AE	0	2	IN	RADIUM-226	13982-63-3	0.67	0.45	pCi/g	U	A
42993	SS40056AE	0	2	IN	RADIUM-226	13982-63-3		0.32	pCi/g	J	
43193	SS40084AE	0	2	IN	RADIUM-226	13982-63-3	0.117	0.5952	pCi/g	X	A
43793	SS40088AE	0	2	IN	RADIUM-226	13982-63-3	0.58	0.73	pCi/g		V
43893	SS40010AE	0	2	IN	RADIUM-226	13982-63-3	0.46	0.48	pCi/g	J	A
44093	SS40090AE	0	2	IN	RADIUM-226	13982-63-3	0.29	0.8	pCi/g		A
44593	SS40001AE	0	2	IN	RADIUM-226	13982-63-3		0.61	pCi/g		
45693	SS40094AE	0	2	IN	RADIUM-226	13982-63-3	0.43	0.88	pCi/g		V
45793	SS40015AE	0	2	IN	RADIUM-226	13982-63-3	0.34	0.68	pCi/g		V
46193	SS40096AE	0	2	IN	RADIUM-226	13982-63-3	0.4	0.98	pCi/g		V
46693	SS40141AE	4	6	IN	RADIUM-226	13982-63-3	0.476	10.76	pCi/g	X	V
46793	SS40142AE	4	6	IN	RADIUM-226	13982-63-3	0.433	3.672	pCi/g	X	V
46893	SS40143AE	4	6	IN	RADIUM-226	13982-63-3	0.196	1.259	pCi/g	X	A
47093	SS40145AE	0	1	IN	RADIUM-226	13982-63-3	0.202	1.22	pCi/g	X	A
48195	AS00001PE	0	0	FT	RADIUM-226	13982-63-3	0	1.585	pCi/g	X	Y
48295	AS00002PE	0	0	FT	RADIUM-226	13982-63-3	0	2.314	pCi/g	X	Y
48395	AS00003PE	0	0	FT	RADIUM-226	13982-63-3	0	1.319	pCi/g	X	Y
SS400293	SS40018AE	0	2	IN	RADIUM-226	13982-63-3	0.09	0.7053	pCi/g	X	A
SS400793	SS40023AE	0	2	IN	RADIUM-226	13982-63-3	0.07	0.7875	pCi/g	X	A
SS401293	SS40028AE	0	2	IN	RADIUM-226	13982-63-3	0.09	0.6418	pCi/g	X	A
SS401393	SS40029AE	0	2	IN	RADIUM-226	13982-63-3	0.11	1.183	pCi/g	X	A

284

Table A.3 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNITS	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SS401593	SS40031AE	0	2	IN	RADIUM-226	13982-63-3	0.11	0.7085	pCi/g	X	A
SS401693	SS40032AE	0	2	IN	RADIUM-226	13982-63-3	0.08	0.6666	pCi/g	X	A
SS401893	SS40034AE	0	2	IN	RADIUM-226	13982-63-3	0.08	0.8298	pCi/g	X	A
SS402393	SS40039AE	0	2	IN	RADIUM-226	13982-63-3	0.1	0.7394	pCi/g	X	A
SS402793	SS40043AE	0	2	IN	RADIUM-226	13982-63-3	0.34	0.89	pCi/g		V
SS403093	SS40046AE	0	2	IN	RADIUM-226	13982-63-3	0.47	2.9	pCi/g		V
SS403193	SS40047AE	0	2	IN	RADIUM-226	13982-63-3	0.31	1.2	pCi/g		V
SS403293	SS40048AE	0	2	IN	RADIUM-226	13982-63-3	0.28	0.61	pCi/g		V
SS403393	SS40049AE	0	2	IN	RADIUM-226	13982-63-3	0.34	0.76	pCi/g		V
SS403493	SS40050AE	0	2	IN	RADIUM-226	13982-63-3	0.23	0.89	pCi/g		V
SS403593	SS40051AE	0	2	IN	RADIUM-226	13982-63-3	0.25	0.91	pCi/g		V
SS403693	SS40052AE	0	2	IN	RADIUM-226	13982-63-3	0.3	0.87	pCi/g		V
40293	SS40042AE	0	2	IN	RADIUM-228	15262-20-1	0.65	1.5	pCi/g		V
40393	SS40053AE	0	2	IN	RADIUM-228	15262-20-1	1.2	1.4	pCi/g		V
40693	SS40057AE	0	2	IN	RADIUM-228	15262-20-1	1.6	1.6	pCi/g		A
40793	SS40058AE	0	2	IN	RADIUM-228	15262-20-1	1	1.7	pCi/g		A
40893	SS40004AE	0	2	IN	RADIUM-228	15262-20-1		3	pCi/g		
40993	SS40072AE	0	2	IN	RADIUM-228	15262-20-1	1.5	2.4	pCi/g		A
41193	SS40007AE	0	2	IN	RADIUM-228	15262-20-1	1.5	0.88	pCi/g	U	V
41293	SS40071AE	0	2	IN	RADIUM-228	15262-20-1	2.9	1.3	pCi/g	U	V
41693	SS40410AE	0	2	IN	RADIUM-228	15262-20-1	0.78	1.6	pCi/g		V
41793	SS40077AE	0	2	IN	RADIUM-228	15262-20-1	0.4504	1.339	pCi/g		A
41993	SS40009AE	0	2	IN	RADIUM-228	15262-20-1		1.1	pCi/g		
42093	SS40480AE	0	2	IN	RADIUM-228	15262-20-1		0.49	pCi/g	J	
42293	SS40078AE	0	2	IN	RADIUM-228	15262-20-1	0.16	1.462	pCi/g	X	A
42393	SS40079AE	0	2	IN	RADIUM-228	15262-20-1	0.91	1.6	pCi/g		V
42693	SS40080AE	0	2	IN	RADIUM-228	15262-20-1	1.4	0.56	pCi/g	U	V
42993	SS40056AE	0	2	IN	RADIUM-228	15262-20-1		0.76	pCi/g		
43193	SS40084AE	0	2	IN	RADIUM-228	15262-20-1	0.182	1.42	pCi/g	X	A
43493	SS40086AE	0	2	IN	RADIUM-228	15262-20-1	0.08	1.393	pCi/g	X	A
43793	SS40088AE	0	2	IN	RADIUM-228	15262-20-1	0.72	0.97	pCi/g		V
43893	SS40010AE	0	2	IN	RADIUM-228	15262-20-1	1	1.6	pCi/g		V
44093	SS40090AE	0	2	IN	RADIUM-228	15262-20-1	0.59	1.7	pCi/g		V
44593	SS40001AE	0	2	IN	RADIUM-228	15262-20-1		2.1	pCi/g		
45693	SS40094AE	0	2	IN	RADIUM-228	15262-20-1	0.92	1.3	pCi/g		V
45793	SS40015AE	0	2	IN	RADIUM-228	15262-20-1	0.58	1.8	pCi/g		V
46193	SS40096AE	0	2	IN	RADIUM-228	15262-20-1	0.9	1.2	pCi/g		V
46693	SS40141AE	4	6	IN	RADIUM-228	15262-20-1	0.098	1.314	pCi/g	X	V
46793	SS40142AE	4	6	IN	RADIUM-228	15262-20-1	0.086	1.365	pCi/g	X	V
46893	SS40143AE	4	6	IN	RADIUM-228	15262-20-1	0.078	1.337	pCi/g	X	V
47093	SS40145AE	0	1	IN	RADIUM-228	15262-20-1	0.085	1.281	pCi/g	X	V
48195	AS00001PE	0	0	FT	RADIUM-228	15262-20-1	0	2.729	pCi/g	X	Y
48295	AS00002PE	0	0	FT	RADIUM-228	15262-20-1	0	2.001	pCi/g	X	Y
48395	AS00003PE	0	0	FT	RADIUM-228	15262-20-1	0	2.075	pCi/g	X	Y
SS400293	SS40018AE	0	2	IN	RADIUM-228	15262-20-1	0.17	1.289	pCi/g	X	A
SS400793	SS40023AE	0	2	IN	RADIUM-228	15262-20-1	0.16	1.437	pCi/g	X	A
SS400893	SS40024AE	0	2	IN	RADIUM-228	15262-20-1	0.139	1.71	pCi/g		A
SS401193	SS40027AE	0	2	IN	RADIUM-228	15262-20-1	0.18	1.4	pCi/g		A
SS401293	SS40028AE	0	2	IN	RADIUM-228	15262-20-1	0.19	1.403	pCi/g	X	A
SS401393	SS40029AE	0	2	IN	RADIUM-228	15262-20-1	0.2	1.674	pCi/g	X	A
SS401593	SS40031AE	0	2	IN	RADIUM-228	15262-20-1	0.2	1.049	pCi/g	X	A
SS401693	SS40032AE	0	2	IN	RADIUM-228	15262-20-1	0.17	0.8776	pCi/g	X	A
SS401893	SS40034AE	0	2	IN	RADIUM-228	15262-20-1	0.17	1.87	pCi/g	X	A
SS402393	SS40039AE	0	2	IN	RADIUM-228	15262-20-1	0.2	1.567	pCi/g	X	A
SS402593	SS40041AE	0	2	IN	RADIUM-228	15262-20-1	0.121	1.173	pCi/g		A
SS402793	SS40043AE	0	2	IN	RADIUM-228	15262-20-1	0.73	2.2	pCi/g		V
SS403093	SS40046AE	0	2	IN	RADIUM-228	15262-20-1	0.92	16	pCi/g		V
SS403193	SS40047AE	0	2	IN	RADIUM-228	15262-20-1	0.7	1.5	pCi/g		V
SS403293	SS40048AE	0	2	IN	RADIUM-228	15262-20-1	0.78	1.1	pCi/g		V
SS403393	SS40049AE	0	2	IN	RADIUM-228	15262-20-1	0.68	1.2	pCi/g		V
SS403493	SS40050AE	0	2	IN	RADIUM-228	15262-20-1	0.57	1.3	pCi/g		V
SS403593	SS40051AE	0	2	IN	RADIUM-228	15262-20-1	0.5	1.6	pCi/g		V
SS403693	SS40052AE	0	2	IN	RADIUM-228	15262-20-1	0.62	1.5	pCi/g		V
05193	SS00003AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.18	0.028	pCi/g	U	V
05393	SS00005AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.2	0.131	pCi/g	U	V
40293	SS40042AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.23	0.34	pCi/g	BJ	A
40393	SS40053AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.21	0.42	pCi/g	BJ	A
40693	SS40057AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.4	0.33	pCi/g	U	V
40793	SS40058AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.44	0.51	pCi/g	J	V
40893	SS40004AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.2	-0.036	pCi/g	U	A

285

Table A.3 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNITS	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40993	SS40072AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.33	0.4	pCi/g	BJ	V
41193	SS40007AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.19	0.34	pCi/g	BJ	V
41293	SS40071AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.29	1.5	pCi/g		A
41593	SS40073AE	4	6	IN	STRONTIUM-89,90	11-10-9	0.25	0.21	pCi/g	U	V
41693	SS40410AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.21	0.61	pCi/g	BJ	A
41793	SS40077AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.0371597	0.1282	pCi/g		V
41993	SS40009AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.2	0.029	pCi/g	U	A
42093	SS40480AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.2	-0.16	pCi/g	U	A
42193	SS40012AE	4	6	IN	STRONTIUM-89,90	11-10-9	0.4	0.557	pCi/g		A
42293	SS40078AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.0458918	0.4307	pCi/g		A
42393	SS40079AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.21	0.34	pCi/g	BJ	V
42593	SS40082AE	4	6	IN	STRONTIUM-89,90	11-10-9	0.4	0.575	pCi/g		A
42693	SS40080AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.28	0.52	pCi/g	BJ	V
42993	SS40056AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.2	-0.065	pCi/g	U	A
43193	SS40084AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.0427287	0.2276	pCi/g		V
43393	SS40087AE	4	6	IN	STRONTIUM-89,90	11-10-9	0.4	1	pCi/g		A
43493	SS40086AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.0940073	0.5136	pCi/g		J
43693	SS40089AE	4	6	IN	STRONTIUM-89,90	11-10-9	0.4	0.569	pCi/g		A
43793	SS40088AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.24	0.73	pCi/g	BJ	A
43893	SS40010AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.24	0.3	pCi/g	BJ	V
44093	SS40090AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.22	0.39	pCi/g	BJ	A
44593	SS40001AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.3	-0.008	pCi/g	U	A
45693	SS40094AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.37	0.93	pCi/g	J	V
45793	SS40015AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.36	0.17	pCi/g	U	V
46193	SS40096AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.38	0.03	pCi/g	U	V
46693	SS40141AE	4	6	IN	STRONTIUM-89,90	11-10-9	0.0594509	0.1043	pCi/g		V
46793	SS40142AE	4	6	IN	STRONTIUM-89,90	11-10-9	0.0587156	0.02909	pCi/g	U	V
46893	SS40143AE	4	6	IN	STRONTIUM-89,90	11-10-9	0.0380468	1.094	pCi/g		A
47093	SS40145AE	0	1	IN	STRONTIUM-89,90	11-10-9	0.0459027	0.18	pCi/g		A
48195	AS00001PE	0	0	FT	STRONTIUM-89,90	11-10-9	0.088	-0.000413	pCi/g	U	Y
48295	AS00002PE	0	0	FT	STRONTIUM-89,90	11-10-9	0.119	0.04222	pCi/g	U	Y
48395	AS00003PE	0	0	FT	STRONTIUM-89,90	11-10-9	1.46	0.2719	pCi/g	U	Y
SS400293	SS40018AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.0487468	0.2528	pCi/g		V
SS400393	SS40019AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.1	-0.046	pCi/g	U	A
SS400593	SS40021AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.1	-0.043	pCi/g	U	A
SS400693	SS40022AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.1	0.027	pCi/g	U	A
SS400793	SS40023AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.0841921	0.4645	pCi/g		V
SS400893	SS40024AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.04	0.2464	pCi/g	J	A
SS401193	SS40027AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.04	0.2072	pCi/g	J	A
SS401293	SS40028AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.0579504	1.171	pCi/g		V
SS401393	SS40029AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.0434481	0.1893	pCi/g		V
SS401593	SS40031AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.0599506	0.4453	pCi/g		V
SS401693	SS40032AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.0460651	0.3045	pCi/g		V
SS401893	SS40034AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.0453921	1.232	pCi/g		V
SS402393	SS40039AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.0644649	0.4387	pCi/g		V
SS402593	SS40041AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.04	0.1194	pCi/g	J	A
SS402793	SS40043AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.56	0.62	pCi/g	J	V
SS402893	SS40044AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.1	0.067	pCi/g	U	A
SS402993	SS40045AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.1	-0.026	pCi/g	U	A
SS403093	SS40046AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.38	0.37	pCi/g	U	V
SS403193	SS40047AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.28	0.25	pCi/g	U	V
SS403293	SS40048AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.32	0.71	pCi/g	J	V
SS403393	SS40049AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.27	0.14	pCi/g	U	V
SS403493	SS40050AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.43	0.75	pCi/g	J	V
SS403593	SS40051AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.5	0.8	pCi/g	J	V
SS403693	SS40052AE	0	2	IN	STRONTIUM-89,90	11-10-9	0.4	0.42	pCi/g	J	V
48195	AS00001PE	0	0	FT	URANIUM-233,-234	11-08-5	0.005	2.107	pCi/g		Z
48295	AS00002PE	0	0	FT	URANIUM-233,-234	11-08-5	0.011	2.011	pCi/g		Z
48395	AS00003PE	0	0	FT	URANIUM-233,-234	11-08-5	0.011	1.463	pCi/g		Z
05093	SS00002AE	0	2	IN	URANIUM-234	11-08-5	0.025	4.3	pCi/g		A
05193	SS00003AE	0	2	IN	URANIUM-234	11-08-5	0.035	1.17	pCi/g		A
05393	SS00005AE	0	2	IN	URANIUM-234	11-08-5	0.029	0.75	pCi/g		A
40093	SS40060AE	0	2	IN	URANIUM-234	11-08-5	0.019	1.27	pCi/g		A
40293	SS40042AE	0	2	IN	URANIUM-234	11-08-5	0.026	1.3	pCi/g	B	A
40393	SS40053AE	0	2	IN	URANIUM-234	11-08-5	0.011	1	pCi/g		A
40693	SS40057AE	0	2	IN	URANIUM-234	11-08-5	0.013	2.5	pCi/g	B	A
40793	SS40058AE	0	2	IN	URANIUM-234	11-08-5	0.011	1.9	pCi/g	B	A
40893	SS40004AE	0	2	IN	URANIUM-234	11-08-5	0.09	0.9	pCi/g		V
40993	SS40072AE	0	2	IN	URANIUM-234	11-08-5	0.017	2.9	pCi/g	B	A
41193	SS40007AE	0	2	IN	URANIUM-234	11-08-5	0.042	2.4	pCi/g	B	V

286

Table A.3 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNITS	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41293	SS40071AE	0	2	IN	URANIUM-234	11-08-5	0.012	1.1	pCi/g	B	A
41593	SS40073AE	4	6	IN	URANIUM-234	11-08-5	0.014	11	pCi/g	B	A
41693	SS40410AE	0	2	IN	URANIUM-234	11-08-5	0.017	2.3	pCi/g	B	A
41793	SS40077AE	0	2	IN	URANIUM-234	11-08-5	0.0610229	3.507	pCi/g		A
41993	SS40009AE	0	2	IN	URANIUM-234	11-08-5	0.1	0.99	pCi/g		A
42093	SS40480AE	0	2	IN	URANIUM-234	11-08-5	0.1	0.95	pCi/g		V
42193	SS40012AE	4	6	IN	URANIUM-234	11-08-5	0.018	3.93	pCi/g		V
42293	SS40078AE	0	2	IN	URANIUM-234	11-08-5	0.0883086	1.426	pCi/g		A
42393	SS40079AE	0	2	IN	URANIUM-234	11-08-5	0.066	0.99	pCi/g	B	V
42593	SS40082AE	4	6	IN	URANIUM-234	11-08-5	0.041	5.21	pCi/g		V
42693	SS40080AE	0	2	IN	URANIUM-234	11-08-5	0.018	2.7	pCi/g	B	V
42993	SS40056AE	0	2	IN	URANIUM-234	11-08-5	0.1	0.93	pCi/g		V
43193	SS40084AE	0	2	IN	URANIUM-234	11-08-5	0.0644476	1.509	pCi/g		A
43393	SS40087AE	4	6	IN	URANIUM-234	11-08-5	0.027	1.95	pCi/g		V
43493	SS40086AE	0	2	IN	URANIUM-234	11-08-5	0.0722999	1.52	pCi/g		A
43693	SS40089AE	4	6	IN	URANIUM-234	11-08-5	0.02	2.14	pCi/g		V
43793	SS40088AE	0	2	IN	URANIUM-234	11-08-5	0.037	6.1	pCi/g	B	A
43893	SS40010AE	0	2	IN	URANIUM-234	11-08-5	0.052	2.1	pCi/g	B	V
43993	SS40091AE	0	2	IN	URANIUM-234	11-08-5	0.026	0.65	pCi/g	B	V
44093	SS40090AE	0	2	IN	URANIUM-234	11-08-5	0.014	0.21	pCi/g		A
44393	SS40005AE	0	2	IN	URANIUM-234	11-08-5	0	0.702	pCi/g		A
44593	SS40001AE	0	2	IN	URANIUM-234	11-08-5	0.1	0.84	pCi/g		V
44893	SS40070AE	0	2	IN	URANIUM-234	11-08-5	0.044	0.875	pCi/g		A
45693	SS40094AE	0	2	IN	URANIUM-234	11-08-5	0.061	2.9	pCi/g	B	V
45793	SS40015AE	0	2	IN	URANIUM-234	11-08-5	0.012	2.4	pCi/g	B	A
46193	SS40096AE	0	2	IN	URANIUM-234	11-08-5	0.028	6.6	pCi/g	B	V
46693	SS40141AE	4	6	IN	URANIUM-234	11-08-5	0.108527	63.4	pCi/g		V
46793	SS40142AE	4	6	IN	URANIUM-234	11-08-5	0.074923	11.66	pCi/g		V
46893	SS40143AE	4	6	IN	URANIUM-234	11-08-5	0.0702298	1.009	pCi/g		V
47093	SS40145AE	0	1	IN	URANIUM-234	11-08-5	0.159855	0.7124	pCi/g		V
SS400293	SS40018AE	0	2	IN	URANIUM-234	11-08-5	0.075553	2.872	pCi/g		A
SS400393	SS40019AE	0	2	IN	URANIUM-234	11-08-5	0.1	2.3	pCi/g		V
SS400593	SS40021AE	0	2	IN	URANIUM-234	11-08-5	0.1	14	pCi/g		V
SS400693	SS40022AE	0	2	IN	URANIUM-234	11-08-5	0.08	1.3	pCi/g		V
SS400793	SS40023AE	0	2	IN	URANIUM-234	11-08-5	0.0586636	1.213	pCi/g		A
SS400893	SS40024AE	0	2	IN	URANIUM-234	11-08-5	0.029	0.9129	pCi/g		A
SS401193	SS40027AE	0	2	IN	URANIUM-234	11-08-5	0	0.8618	pCi/g		A
SS401293	SS40028AE	0	2	IN	URANIUM-234	11-08-5	0.0564302	0.7488	pCi/g		A
SS401393	SS40029AE	0	2	IN	URANIUM-234	11-08-5	0.0584428	5.822	pCi/g		A
SS401593	SS40031AE	0	2	IN	URANIUM-234	11-08-5	0.053662	1.284	pCi/g		A
SS401693	SS40032AE	0	2	IN	URANIUM-234	11-08-5	0.0806387	2.312	pCi/g		A
SS401893	SS40034AE	0	2	IN	URANIUM-234	11-08-5	0.0522456	3.31	pCi/g		A
SS402393	SS40039AE	0	2	IN	URANIUM-234	11-08-5	0.0821364	3.165	pCi/g		A
SS402593	SS40041AE	0	2	IN	URANIUM-234	11-08-5	0.015	0.9642	pCi/g		A
SS402793	SS40043AE	0	2	IN	URANIUM-234	11-08-5	0.006	7.9	pCi/g	B	V
SS402893	SS40044AE	0	2	IN	URANIUM-234	11-08-5	0.1	5.7	pCi/g		V
SS402993	SS40045AE	0	2	IN	URANIUM-234	11-08-5	0.1	1.1	pCi/g		V
SS403093	SS40046AE	0	2	IN	URANIUM-234	11-08-5	0.019	41	pCi/g	B	V
SS403193	SS40047AE	0	2	IN	URANIUM-234	11-08-5	0.021	5	pCi/g	B	V
SS403293	SS40048AE	0	2	IN	URANIUM-234	11-08-5	0.013	2.1	pCi/g	B	V
SS403393	SS40049AE	0	2	IN	URANIUM-234	11-08-5	0.006	3.3	pCi/g	B	V
SS403493	SS40050AE	0	2	IN	URANIUM-234	11-08-5	0.007	1.2	pCi/g	B	V
SS403593	SS40051AE	0	2	IN	URANIUM-234	11-08-5	0.018	1.2	pCi/g	B	V
SS403693	SS40052AE	0	2	IN	URANIUM-234	11-08-5	0.006	1.2	pCi/g	B	V
SS606292	SS60062WC	0	2	IN	URANIUM-234	11-08-5	0.044	0.8515	pCi/g		A
SS620292	SS60202WC	0	2	IN	URANIUM-234	11-08-5	0.042	0.8128	pCi/g		A
SS811193	SSG0105JE	0	3	IN	URANIUM-234	11-08-5	0.1	0.51	pCi/g		V
05093	SS00002AE	0	2	IN	URANIUM-235	15117-96-1	0.031	0.152	pCi/g		A
05193	SS00003AE	0	2	IN	URANIUM-235	15117-96-1	0.043	0.0576	pCi/g		A
05393	SS00005AE	0	2	IN	URANIUM-235	15117-96-1	0.014	0.0212	pCi/g		A
40093	SS40060AE	0	2	IN	URANIUM-235	15117-96-1	0.019	0.0998	pCi/g		A
40293	SS40042AE	0	2	IN	URANIUM-235	15117-96-1	0.016	0.038	pCi/g	J	A
40393	SS40053AE	0	2	IN	URANIUM-235	15117-96-1	0.019	0.08	pCi/g	BJ	A
40693	SS40057AE	0	2	IN	URANIUM-235	15117-96-1	0.013	0.18	pCi/g	J	A
40793	SS40058AE	0	2	IN	URANIUM-235	15117-96-1	0.029	0.13	pCi/g	J	A
40893	SS40004AE	0	2	IN	URANIUM-235	15117-96-1	0.1	0.014	pCi/g	U	V
40993	SS40072AE	0	2	IN	URANIUM-235	15117-96-1	0.017	0.25	pCi/g	J	A
41193	SS40007AE	0	2	IN	URANIUM-235	15117-96-1	0.025	0.089	pCi/g	J	V
41293	SS40071AE	0	2	IN	URANIUM-235	15117-96-1	0.012	0.088	pCi/g	J	A
41593	SS40073AE	4	6	IN	URANIUM-235	15117-96-1	0.023	0.29	pCi/g	J	A

287

Table A.3 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNITS	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41693	SS40410AE	0	2	IN	URANIUM-235	15117-96-1	0.017	0.02	pCi/g	J	A
41793	SS40077AE	0	2	IN	URANIUM-235	15117-96-1	0.0535729	0.1163	pCi/g		A
41993	SS40009AE	0	2	IN	URANIUM-235	15117-96-1	0.1	0.017	pCi/g	U	A
42093	SS40480AE	0	2	IN	URANIUM-235	15117-96-1	0.1	0.076	pCi/g	U	V
42193	SS40012AE	4	6	IN	URANIUM-235	15117-96-1	0	0.165	pCi/g		V
42293	SS40078AE	0	2	IN	URANIUM-235	15117-96-1	0.0738921	0.1241	pCi/g		A
42393	SS40079AE	0	2	IN	URANIUM-235	15117-96-1	0.066	-0.008	pCi/g	U	V
42593	SS40082AE	4	6	IN	URANIUM-235	15117-96-1	0	0.219	pCi/g		V
42693	SS40080AE	0	2	IN	URANIUM-235	15117-96-1	0.031	0.019	pCi/g	U	V
42993	SS40056AE	0	2	IN	URANIUM-235	15117-96-1	0.1	0.11	pCi/g	J	V
43193	SS40084AE	0	2	IN	URANIUM-235	15117-96-1	0.0583287	0.07494	pCi/g		A
43393	SS40087AE	4	6	IN	URANIUM-235	15117-96-1	0.018	0.0745	pCi/g		V
43493	SS40086AE	0	2	IN	URANIUM-235	15117-96-1	0.0646883	0.04783	pCi/g	U	A
43693	SS40089AE	4	6	IN	URANIUM-235	15117-96-1	0.02	0.0841	pCi/g		V
43793	SS40088AE	0	2	IN	URANIUM-235	15117-96-1	0.037	0.53	pCi/g		A
43893	SS40010AE	0	2	IN	URANIUM-235	15117-96-1	0.046	0.21	pCi/g	J	V
43993	SS40091AE	0	2	IN	URANIUM-235	15117-96-1	0.026	0.12	pCi/g	J	V
44093	SS40090AE	0	2	IN	URANIUM-235	15117-96-1	0.024	0.065	pCi/g	J	A
44393	SS40005AE	0	2	IN	URANIUM-235	15117-96-1	0	0.0349	pCi/g		A
44593	SS40001AE	0	2	IN	URANIUM-235	15117-96-1	0.1	0.091	pCi/g	U	V
44893	SS40070AE	0	2	IN	URANIUM-235	15117-96-1	0.031	0.0302	pCi/g	U	A
45693	SS40094AE	0	2	IN	URANIUM-235	15117-96-1	0.02	0.51	pCi/g	B	V
45793	SS40015AE	0	2	IN	URANIUM-235	15117-96-1	0.02	0.18	pCi/g	J	A
46193	SS40096AE	0	2	IN	URANIUM-235	15117-96-1	0.01	0.19	pCi/g	BJ	V
46693	SS40141AE	4	6	IN	URANIUM-235	15117-96-1	0.0757182	1.689	pCi/g		V
46793	SS40142AE	4	6	IN	URANIUM-235	15117-96-1	0.074923	0.3833	pCi/g		V
46893	SS40143AE	4	6	IN	URANIUM-235	15117-96-1	0.0823552	0.03572	pCi/g	U	V
47093	SS40145AE	0	1	IN	URANIUM-235	15117-96-1	0.140339	0.06339	pCi/g	U	V
48195	AS00001PE	0	0	FT	URANIUM-235	15117-96-1	0.005	0.106	pCi/g		Z
48295	AS00002PE	0	0	FT	URANIUM-235	15117-96-1	0.004	0.065	pCi/g		Z
48395	AS00003PE	0	0	FT	URANIUM-235	15117-96-1	0.004	0.049	pCi/g		Z
SS400293	SS40018AE	0	2	IN	URANIUM-235	15117-96-1	0.050188	0.09273	pCi/g		A
SS400393	SS40019AE	0	2	IN	URANIUM-235	15117-96-1	0.1	0.14	pCi/g	J	V
SS400593	SS40021AE	0	2	IN	URANIUM-235	15117-96-1	0.08	0.75	pCi/g		V
SS400693	SS40022AE	0	2	IN	URANIUM-235	15117-96-1	0.08	0.031	pCi/g	U	V
SS400793	SS40023AE	0	2	IN	URANIUM-235	15117-96-1	0.0650612	0.0773	pCi/g		A
SS400893	SS40024AE	0	2	IN	URANIUM-235	15117-96-1	0.017	0.02442	pCi/g	J	A
SS401193	SS40027AE	0	2	IN	URANIUM-235	15117-96-1	0	0.06431	pCi/g	J	A
SS401293	SS40028AE	0	2	IN	URANIUM-235	15117-96-1	0.0507806	0.03199	pCi/g	U	A
SS401393	SS40029AE	0	2	IN	URANIUM-235	15117-96-1	0.0486339	0.08614	pCi/g		A
SS401593	SS40031AE	0	2	IN	URANIUM-235	15117-96-1	0.0595142	0.1145	pCi/g		A
SS401693	SS40032AE	0	2	IN	URANIUM-235	15117-96-1	0.0647301	0.04513	pCi/g	U	A
SS401893	SS40034AE	0	2	IN	URANIUM-235	15117-96-1	0.0378146	0.133	pCi/g		A
SS402393	SS40039AE	0	2	IN	URANIUM-235	15117-96-1	0.0739131	0.1309	pCi/g		A
SS402593	SS40041AE	0	2	IN	URANIUM-235	15117-96-1	0.027	0.03209	pCi/g	J	A
SS402793	SS40043AE	0	2	IN	URANIUM-235	15117-96-1	0.024	0.49	pCi/g		V
SS402893	SS40044AE	0	2	IN	URANIUM-235	15117-96-1	0.08	0.3	pCi/g		V
SS402993	SS40045AE	0	2	IN	URANIUM-235	15117-96-1	0.1	0.055	pCi/g	U	V
SS403093	SS40046AE	0	2	IN	URANIUM-235	15117-96-1	0.006	2.3	pCi/g		V
SS403193	SS40047AE	0	2	IN	URANIUM-235	15117-96-1	0.004	0.18	pCi/g	J	V
SS403293	SS40048AE	0	2	IN	URANIUM-235	15117-96-1	0.005	0.086	pCi/g	J	V
SS403393	SS40049AE	0	2	IN	URANIUM-235	15117-96-1	0.006	0.17	pCi/g	J	V
SS403493	SS40050AE	0	2	IN	URANIUM-235	15117-96-1	0.007	0.05	pCi/g	J	V
SS403593	SS40051AE	0	2	IN	URANIUM-235	15117-96-1	0.007	0.053	pCi/g	J	V
SS403693	SS40052AE	0	2	IN	URANIUM-235	15117-96-1	0.006	0.065	pCi/g	J	V
SS606292	SS60062WC	0	2	IN	URANIUM-235	15117-96-1	0.026	0.02227	pCi/g	U	A
SS620292	SS60202WC	0	2	IN	URANIUM-235	15117-96-1	0.035	0.03043	pCi/g	U	A
SS811193	SSG0105JE	0	3	IN	URANIUM-235	15117-96-1	0.1	0.064	pCi/g	U	V
05093	SS00002AE	0	2	IN	URANIUM-238	7440-61-1	0.012	2.72	pCi/g		A
05193	SS00003AE	0	2	IN	URANIUM-238	7440-61-1	0.042	1.22	pCi/g		A
05393	SS00005AE	0	2	IN	URANIUM-238	7440-61-1	0.029	0.769	pCi/g		A
40093	SS40060AE	0	2	IN	URANIUM-238	7440-61-1	0.019	1.04	pCi/g		A
40293	SS40042AE	0	2	IN	URANIUM-238	7440-61-1	0.016	1.2	pCi/g	B	A
40393	SS40053AE	0	2	IN	URANIUM-238	7440-61-1	0.019	1.2	pCi/g	B	A
40693	SS40057AE	0	2	IN	URANIUM-238	7440-61-1	0.043	1.9	pCi/g	B	A
40793	SS40058AE	0	2	IN	URANIUM-238	7440-61-1	0.011	1.1	pCi/g	B	A
40893	SS40004AE	0	2	IN	URANIUM-238	7440-61-1	0.09	0.82	pCi/g		V
40993	SS40072AE	0	2	IN	URANIUM-238	7440-61-1	0.017	1.6	pCi/g	B	A
41193	SS40007AE	0	2	IN	URANIUM-238	7440-61-1	0.042	0.89	pCi/g	B	V
41293	SS40071AE	0	2	IN	URANIUM-238	7440-61-1	0.02	1.1	pCi/g	B	A

288

Table A.3 - Solar Evaporation Ponds AOC - Analytical Results for Surface Soils - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNITS	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41593	SS40073AE	4	6	IN	URANIUM-238	7440-61-1	0.014	7	pCi/g	B	A
41693	SS40410AE	0	2	IN	URANIUM-238	7440-61-1	0.029	2.6	pCi/g	B	A
41793	SS40077AE	0	2	IN	URANIUM-238	7440-61-1	0.0692355	2.268	pCi/g		A
41993	SS40009AE	0	2	IN	URANIUM-238	7440-61-1	0.1	0.69	pCi/g		A
42093	SS40480AE	0	2	IN	URANIUM-238	7440-61-1	0.1	0.66	pCi/g		V
42193	SS40012AE	4	6	IN	URANIUM-238	7440-61-1	0.018	2.71	pCi/g		V
42293	SS40078AE	0	2	IN	URANIUM-238	7440-61-1	0.0738921	1.013	pCi/g		A
42393	SS40079AE	0	2	IN	URANIUM-238	7440-61-1	0.078	1.3	pCi/g	B	V
42593	SS40082AE	4	6	IN	URANIUM-238	7440-61-1	0	2.95	pCi/g		V
42693	SS40080AE	0	2	IN	URANIUM-238	7440-61-1	0.049	1.2	pCi/g	B	V
42993	SS40056AE	0	2	IN	URANIUM-238	7440-61-1	0.1	0.93	pCi/g		V
43193	SS40084AE	0	2	IN	URANIUM-238	7440-61-1	0.0625406	1.797	pCi/g		A
43393	SS40087AE	4	6	IN	URANIUM-238	7440-61-1	0.018	1.42	pCi/g		V
43493	SS40086AE	0	2	IN	URANIUM-238	7440-61-1	0.101476	0.9689	pCi/g		A
43693	SS40089AE	4	6	IN	URANIUM-238	7440-61-1	0.02	2.21	pCi/g		V
43793	SS40088AE	0	2	IN	URANIUM-238	7440-61-1	0.062	5	pCi/g	B	A
43893	SS40010AE	0	2	IN	URANIUM-238	7440-61-1	0.025	5.2	pCi/g	B	V
43993	SS40091AE	0	2	IN	URANIUM-238	7440-61-1	0.026	1.1	pCi/g	B	V
44093	SS40090AE	0	2	IN	URANIUM-238	7440-61-1	0.014	0.78	pCi/g	B	A
44393	SS40005AE	0	2	IN	URANIUM-238	7440-61-1	0	0.708	pCi/g		A
44593	SS40001AE	0	2	IN	URANIUM-238	7440-61-1	0.08	0.92	pCi/g		V
44893	SS40070AE	0	2	IN	URANIUM-238	7440-61-1	0.044	1.12	pCi/g		A
45693	SS40094AE	0	2	IN	URANIUM-238	7440-61-1	0.02	1.9	pCi/g	B	V
45793	SS40015AE	0	2	IN	URANIUM-238	7440-61-1	0.012	2.3	pCi/g		A
46193	SS40096AE	0	2	IN	URANIUM-238	7440-61-1	0.01	4.1	pCi/g	B	V
46693	SS40141AE	4	6	IN	URANIUM-238	7440-61-1	0.0903118	25.47	pCi/g		V
46793	SS40142AE	4	6	IN	URANIUM-238	7440-61-1	0.085342	5.916	pCi/g		V
46893	SS40143AE	4	6	IN	URANIUM-238	7440-61-1	0.0616558	1.118	pCi/g		V
47093	SS40145AE	0	1	IN	URANIUM-238	7440-61-1	0.126539	1.031	pCi/g		V
48195	AS00001PE	0	0	FT	URANIUM-238	7440-61-1	0.004	2.04	pCi/g		Z
48295	AS00002PE	0	0	FT	URANIUM-238	7440-61-1	0.014	2.047	pCi/g		Z
48395	AS00003PE	0	0	FT	URANIUM-238	7440-61-1	0.004	1.411	pCi/g		Z
SS400293	SS40018AE	0	2	IN	URANIUM-238	7440-61-1	0.0976416	1.473	pCi/g		A
SS400393	SS40019AE	0	2	IN	URANIUM-238	7440-61-1	0.1	2.2	pCi/g		V
SS400593	SS40021AE	0	2	IN	URANIUM-238	7440-61-1	0.1	8.4	pCi/g		V
SS400693	SS40022AE	0	2	IN	URANIUM-238	7440-61-1	0.07	1.3	pCi/g		V
SS400793	SS40023AE	0	2	IN	URANIUM-238	7440-61-1	0.0586636	0.9091	pCi/g		A
SS400893	SS40024AE	0	2	IN	URANIUM-238	7440-61-1	0.029	0.9765	pCi/g		A
SS401193	SS40027AE	0	2	IN	URANIUM-238	7440-61-1	0.017	0.7836	pCi/g		A
SS401293	SS40028AE	0	2	IN	URANIUM-238	7440-61-1	0.0537841	0.7497	pCi/g		A
SS401393	SS40029AE	0	2	IN	URANIUM-238	7440-61-1	0.0407751	3.574	pCi/g		A
SS401593	SS40031AE	0	2	IN	URANIUM-238	7440-61-1	0.0640046	0.7416	pCi/g		A
SS401693	SS40032AE	0	2	IN	URANIUM-238	7440-61-1	0.0836546	1.135	pCi/g		A
SS401893	SS40034AE	0	2	IN	URANIUM-238	7440-61-1	0.0541996	2.517	pCi/g		A
SS402393	SS40039AE	0	2	IN	URANIUM-238	7440-61-1	0.0782848	1.429	pCi/g		A
SS402593	SS40041AE	0	2	IN	URANIUM-238	7440-61-1	0.034	1.228	pCi/g		A
SS402793	SS40043AE	0	2	IN	URANIUM-238	7440-61-1	0.006	6.3	pCi/g	B	V
SS402893	SS40044AE	0	2	IN	URANIUM-238	7440-61-1	0.09	4.7	pCi/g		V
SS402993	SS40045AE	0	2	IN	URANIUM-238	7440-61-1	0.1	1.5	pCi/g		V
SS403093	SS40046AE	0	2	IN	URANIUM-238	7440-61-1	0.014	27	pCi/g	B	V
SS403193	SS40047AE	0	2	IN	URANIUM-238	7440-61-1	0.024	3.3	pCi/g	B	V
SS403293	SS40048AE	0	2	IN	URANIUM-238	7440-61-1	0.005	2	pCi/g	B	V
SS403393	SS40049AE	0	2	IN	URANIUM-238	7440-61-1	0.015	2.3	pCi/g	B	V
SS403493	SS40050AE	0	2	IN	URANIUM-238	7440-61-1	0.016	1.5	pCi/g	B	V
SS403593	SS40051AE	0	2	IN	URANIUM-238	7440-61-1	0.007	1.2	pCi/g	B	V
SS403693	SS40052AE	0	2	IN	URANIUM-238	7440-61-1	0.006	1.3	pCi/g	B	V
SS606292	SS60062WC	0	2	IN	URANIUM-238	7440-61-1	0.044	0.8878	pCi/g		A
SS620292	SS60202WC	0	2	IN	URANIUM-238	7440-61-1	0.024	0.8751	pCi/g		A
SS810893	SSG0102JE	0	3	IN	URANIUM-238	7440-61-1	0.08	0.61	pCi/g		V
SS811193	SSG0105JE	0	3	IN	URANIUM-238	7440-61-1	0.08	0.31	pCi/g		V

289

Table A.4 Solar Evaporation Ponds AOC - Analytical Results for Liner - Metals

LOCATION	FIELD SAMPLE NUMBER	ANALYTE NAME	CAS NO	RESULT	UNITS	LAB RESULT QUALIFIER
48395	AS00003PE		11-09-6	30	mg/kg	U
48295	AS00002PE		11-09-6	25.8	mg/kg	U
48195	AS00001PE		11-09-6	26.2	mg/kg	U
48195	AS00001PE	Aluminum	7429-90-5	6100	mg/kg	
46893	AS40510AE	Aluminum	7429-90-5	3980	mg/kg	
43693	AS40506AE	Aluminum	7429-90-5	4520	mg/Kg	
48295	AS00002PE	Aluminum	7429-90-5	4210	mg/kg	
47093	AS40512AE	Aluminum	7429-90-5	4200	mg/kg	
43393	AS40505AE	Aluminum	7429-90-5	3060	mg/Kg	
46693	AS40508AE	Aluminum	7429-90-5	4220	mg/kg	
42593	AS40504AE	Aluminum	7429-90-5	2850	mg/Kg	
46993	AS40511AE	Aluminum	7429-90-5	4890	mg/kg	
48395	AS00003PE	Aluminum	7429-90-5	6970	mg/kg	
46793	AS40509AE	Aluminum	7429-90-5	3680	mg/kg	
41593	AS40501AE	Aluminum	7429-90-5	2420	mg/Kg	
42493	AS40503AE	Aluminum	7429-90-5	3510	mg/Kg	
46593	AS40507AE	Aluminum	7429-90-5	3940	mg/kg	
42193	AS40502AE	Aluminum	7429-90-5	4250	mg/Kg	
43393	AS40505AE	Antimony	7440-36-0	11.2	mg/Kg	U
42493	AS40503AE	Antimony	7440-36-0	11.2	mg/Kg	U
46993	AS40511AE	Antimony	7440-36-0	9.5	mg/kg	U
46793	AS40509AE	Antimony	7440-36-0	9.6	mg/kg	U
42193	AS40502AE	Antimony	7440-36-0	11.2	mg/Kg	U
46893	AS40510AE	Antimony	7440-36-0	9.4	mg/kg	U
43693	AS40506AE	Antimony	7440-36-0	11.2	mg/Kg	U
46593	AS40507AE	Antimony	7440-36-0	9.6	mg/kg	U
48395	AS00003PE	Antimony	7440-36-0	5.9	mg/kg	U,N
41593	AS40501AE	Antimony	7440-36-0	11.2	mg/Kg	U
42593	AS40504AE	Antimony	7440-36-0	11.2	mg/Kg	U
48195	AS00001PE	Antimony	7440-36-0	5.1	mg/kg	U,N
47093	AS40512AE	Antimony	7440-36-0	9.5	mg/kg	U
48295	AS00002PE	Antimony	7440-36-0	5	mg/kg	N
46693	AS40508AE	Antimony	7440-36-0	9.7	mg/kg	U
42493	AS40503AE	Arsenic	7440-38-2	1.6	mg/Kg	U
43393	AS40505AE	Arsenic	7440-38-2	1.7	mg/Kg	U
46693	AS40508AE	Arsenic	7440-38-2	1.1	mg/kg	
47093	AS40512AE	Arsenic	7440-38-2	0.85	mg/kg	
46993	AS40511AE	Arsenic	7440-38-2	0.6	mg/kg	
43693	AS40506AE	Arsenic	7440-38-2	1.2	mg/Kg	U
46593	AS40507AE	Arsenic	7440-38-2	1.2	mg/kg	
48195	AS00001PE	Arsenic	7440-38-2	1.1	mg/kg	B,W
42593	AS40504AE	Arsenic	7440-38-2	1.5	mg/Kg	U
46893	AS40510AE	Arsenic	7440-38-2	1	mg/kg	
48295	AS00002PE	Arsenic	7440-38-2	0.96	mg/kg	B,W
42193	AS40502AE	Arsenic	7440-38-2	1	mg/Kg	U
48395	AS00003PE	Arsenic	7440-38-2	1.2	mg/kg	B,W
41593	AS40501AE	Arsenic	7440-38-2	0.74	mg/Kg	U
46793	AS40509AE	Arsenic	7440-38-2	1.5	mg/kg	

290

Table A.4 Solar Evaporation Ponds AOC - Analytical Results for Liner - Metals

LOCATION	FIELD SAMPLE NUMBER	ANALYTE NAME	CAS NO	RESULT	UNITS	LAB RESULT QUALIFIER
46893	AS40510AE	Barium	7440-39-3	40.9	mg/kg	
48195	AS00001PE	Barium	7440-39-3	50.4	mg/kg	B
43693	AS40506AE	Barium	7440-39-3	57.5	mg/Kg	
48395	AS00003PE	Barium	7440-39-3	56.4	mg/kg	B
46693	AS40508AE	Barium	7440-39-3	51.7	mg/kg	
42193	AS40502AE	Barium	7440-39-3	47.7	mg/Kg	
46793	AS40509AE	Barium	7440-39-3	41	mg/kg	
47093	AS40512AE	Barium	7440-39-3	51.3	mg/kg	
42493	AS40503AE	Barium	7440-39-3	50.1	mg/Kg	
41593	AS40501AE	Barium	7440-39-3	29.6	mg/Kg	B
42593	AS40504AE	Barium	7440-39-3	37.5	mg/Kg	B
43393	AS40505AE	Barium	7440-39-3	26.9	mg/Kg	B
46593	AS40507AE	Barium	7440-39-3	45.8	mg/kg	
46993	AS40511AE	Barium	7440-39-3	52.3	mg/kg	
48295	AS00002PE	Barium	7440-39-3	41.4	mg/kg	B
41593	AS40501AE	Beryllium	7440-41-7	0.2	mg/Kg	U
43693	AS40506AE	Beryllium	7440-41-7	0.2	mg/Kg	U
43393	AS40505AE	Beryllium	7440-41-7	0.2	mg/Kg	U
46893	AS40510AE	Beryllium	7440-41-7	0.26	mg/kg	B
48195	AS00001PE	Beryllium	7440-41-7	0.33	mg/kg	B
46593	AS40507AE	Beryllium	7440-41-7	0.7	mg/kg	B
47093	AS40512AE	Beryllium	7440-41-7	0.46	mg/kg	B
46993	AS40511AE	Beryllium	7440-41-7	0.22	mg/kg	B
48295	AS00002PE	Beryllium	7440-41-7	0.27	mg/kg	U
46693	AS40508AE	Beryllium	7440-41-7	0.42	mg/kg	B
48395	AS00003PE	Beryllium	7440-41-7	0.31	mg/kg	U
42493	AS40503AE	Beryllium	7440-41-7	0.2	mg/Kg	U
46793	AS40509AE	Beryllium	7440-41-7	0.2	mg/kg	U
42193	AS40502AE	Beryllium	7440-41-7	0.2	mg/Kg	U
42593	AS40504AE	Beryllium	7440-41-7	0.2	mg/Kg	U
46693	AS40508AE	Cadmium	7440-43-9	69.7	mg/kg	
48195	AS00001PE	Cadmium	7440-43-9	0.81	mg/kg	U
42593	AS40504AE	Cadmium	7440-43-9	0.8	mg/Kg	U*
46793	AS40509AE	Cadmium	7440-43-9	11.2	mg/kg	
41593	AS40501AE	Cadmium	7440-43-9	2.8	mg/Kg	*
46593	AS40507AE	Cadmium	7440-43-9	38.6	mg/kg	
43693	AS40506AE	Cadmium	7440-43-9	9.9	mg/Kg	*
43393	AS40505AE	Cadmium	7440-43-9	0.8	mg/Kg	U*
46893	AS40510AE	Cadmium	7440-43-9	2.4	mg/kg	
42493	AS40503AE	Cadmium	7440-43-9	0.83	mg/Kg	B*
47093	AS40512AE	Cadmium	7440-43-9	3.5	mg/kg	
46993	AS40511AE	Cadmium	7440-43-9	7.3	mg/kg	
48395	AS00003PE	Cadmium	7440-43-9	0.93	mg/kg	U
42193	AS40502AE	Cadmium	7440-43-9	3.6	mg/Kg	*
48295	AS00002PE	Cadmium	7440-43-9	0.8	mg/kg	U
46593	AS40507AE	CALCIUM	7440-70-2	2400	mg/kg	
42493	AS40503AE	CALCIUM	7440-70-2	1730	mg/Kg	
46793	AS40509AE	CALCIUM	7440-70-2	1470	mg/kg	

291

Table A.4 Solar Evaporation Ponds AOC - Analytical Results for Liner - Metals

LOCATION	FIELD SAMPLE NUMBER	ANALYTE NAME	CAS NO	RESULT	UNITS	LAB RESULT QUALIFIER
46693	AS40508AE	CALCIUM	7440-70-2	2200	mg/kg	
42193	AS40502AE	CALCIUM	7440-70-2	1040	mg/Kg	
47093	AS40512AE	CALCIUM	7440-70-2	1960	mg/kg	
48195	AS00001PE	CALCIUM	7440-70-2	2640	mg/kg	
41593	AS40501AE	CALCIUM	7440-70-2	832	mg/Kg	B
43393	AS40505AE	CALCIUM	7440-70-2	1390	mg/Kg	
46993	AS40511AE	CALCIUM	7440-70-2	2660	mg/kg	
43693	AS40506AE	CALCIUM	7440-70-2	2010	mg/Kg	
48395	AS00003PE	CALCIUM	7440-70-2	2200	mg/kg	
46893	AS40510AE	CALCIUM	7440-70-2	1710	mg/kg	
48295	AS00002PE	CALCIUM	7440-70-2	2150	mg/kg	
42593	AS40504AE	CALCIUM	7440-70-2	1100	mg/Kg	
41593	AS40501AE	CESIUM	7440-46-2	0.53	mg/Kg	B
42593	AS40504AE	CESIUM	7440-46-2	0.67	mg/Kg	B
47093	AS40512AE	CESIUM	7440-46-2	0.85	mg/kg	B
43393	AS40505AE	CESIUM	7440-46-2	0.43	mg/Kg	B
46893	AS40510AE	CESIUM	7440-46-2	0.8	mg/kg	B
46993	AS40511AE	CESIUM	7440-46-2	1.1	mg/kg	B
48195	AS00001PE	CESIUM	7440-46-2	13.5	mg/kg	U
43693	AS40506AE	CESIUM	7440-46-2	0.98	mg/Kg	B
46593	AS40507AE	CESIUM	7440-46-2	0.73	mg/kg	B
46693	AS40508AE	CESIUM	7440-46-2	1.3	mg/kg	B
46793	AS40509AE	CESIUM	7440-46-2	0.8	mg/kg	B
48395	AS00003PE	CESIUM	7440-46-2	15.4	mg/kg	U
48295	AS00002PE	CESIUM	7440-46-2	13.2	mg/kg	U
42193	AS40502AE	CESIUM	7440-46-2	0.97	mg/Kg	B
42493	AS40503AE	CESIUM	7440-46-2	0.71	mg/Kg	B
48395	AS00003PE	CHROMIUM	7440-47-3	20.6	mg/kg	
42593	AS40504AE	CHROMIUM	7440-47-3	5.9	mg/Kg	
43393	AS40505AE	CHROMIUM	7440-47-3	8.4	mg/Kg	
43693	AS40506AE	CHROMIUM	7440-47-3	37.5	mg/Kg	
48295	AS00002PE	CHROMIUM	7440-47-3	13	mg/kg	
42193	AS40502AE	CHROMIUM	7440-47-3	10.2	mg/Kg	
42493	AS40503AE	CHROMIUM	7440-47-3	7.4	mg/Kg	
41593	AS40501AE	CHROMIUM	7440-47-3	5.7	mg/Kg	
46693	AS40508AE	CHROMIUM	7440-47-3	25.6	mg/kg	
48195	AS00001PE	CHROMIUM	7440-47-3	15.7	mg/kg	
46893	AS40510AE	CHROMIUM	7440-47-3	12.2	mg/kg	
47093	AS40512AE	CHROMIUM	7440-47-3	11.9	mg/kg	
46993	AS40511AE	CHROMIUM	7440-47-3	26.9	mg/kg	
46793	AS40509AE	CHROMIUM	7440-47-3	16.3	mg/kg	
46593	AS40507AE	CHROMIUM	7440-47-3	13.8	mg/kg	
42193	AS40502AE	Cobalt	7440-48-4	2.6	mg/Kg	B
48295	AS00002PE	Cobalt	7440-48-4	4	mg/kg	B
46793	AS40509AE	Cobalt	7440-48-4	4.1	mg/kg	B
46693	AS40508AE	Cobalt	7440-48-4	4	mg/kg	B
42593	AS40504AE	Cobalt	7440-48-4	2.2	mg/Kg	B
48395	AS00003PE	Cobalt	7440-48-4	4.1	mg/kg	B

292

Table A.4 Solar Evaporation Ponds AOC - Analytical Results for Liner - Metals

LOCATION	FIELD SAMPLE NUMBER	ANALYTE NAME	CAS NO	RESULT	UNITS	LAB RESULT QUALIFIER
48195	AS00001PE	Cobalt	7440-48-4	4.3	mg/kg	B
46593	AS40507AE	Cobalt	7440-48-4	3.9	mg/kg	B
43693	AS40506AE	Cobalt	7440-48-4	3.2	mg/Kg	B
41593	AS40501AE	Cobalt	7440-48-4	1.4	mg/Kg	U
43393	AS40505AE	Cobalt	7440-48-4	2.8	mg/Kg	B
46993	AS40511AE	Cobalt	7440-48-4	4.2	mg/kg	B
46893	AS40510AE	Cobalt	7440-48-4	3.7	mg/kg	B
47093	AS40512AE	Cobalt	7440-48-4	4.7	mg/kg	B
42493	AS40503AE	Cobalt	7440-48-4	3.4	mg/Kg	B
42193	AS40502AE	Copper	7440-50-8	11.5	mg/Kg	
46993	AS40511AE	Copper	7440-50-8	19.6	mg/kg	
47093	AS40512AE	Copper	7440-50-8	11.5	mg/kg	
48195	AS00001PE	Copper	7440-50-8	9.6	mg/kg	
43393	AS40505AE	Copper	7440-50-8	4.4	mg/Kg	U
48395	AS00003PE	Copper	7440-50-8	11.7	mg/kg	
48295	AS00002PE	Copper	7440-50-8	9.7	mg/kg	
46893	AS40510AE	Copper	7440-50-8	10.8	mg/kg	
42593	AS40504AE	Copper	7440-50-8	7.7	mg/Kg	
46693	AS40508AE	Copper	7440-50-8	24.6	mg/kg	
46593	AS40507AE	Copper	7440-50-8	19.9	mg/kg	
42493	AS40503AE	Copper	7440-50-8	9.9	mg/Kg	
41593	AS40501AE	Copper	7440-50-8	7	mg/Kg	
43693	AS40506AE	Copper	7440-50-8	22.1	mg/Kg	
46793	AS40509AE	Copper	7440-50-8	16.2	mg/kg	
47093	AS40512AE	Cyanide	57-12-5	0.17	mg/kg	B
46993	AS40511AE	Cyanide	57-12-5	0.14	mg/kg	B
46793	AS40509AE	Cyanide	57-12-5	0.1	mg/kg	U
46893	AS40510AE	Cyanide	57-12-5	0.1	mg/kg	U
46593	AS40507AE	Cyanide	57-12-5	0.1	mg/kg	U
46693	AS40508AE	Cyanide	57-12-5	0.1	mg/kg	U
42493	AS40503AE	Iron	7439-89-6	7170	mg/Kg	
47093	AS40512AE	Iron	7439-89-6	7960	mg/kg	
48195	AS00001PE	Iron	7439-89-6	11100	mg/kg	
46993	AS40511AE	Iron	7439-89-6	9400	mg/kg	
43693	AS40506AE	Iron	7439-89-6	9340	mg/Kg	
46893	AS40510AE	Iron	7439-89-6	7770	mg/kg	
46693	AS40508AE	Iron	7439-89-6	7800	mg/kg	
48395	AS00003PE	Iron	7439-89-6	12200	mg/kg	
42593	AS40504AE	Iron	7439-89-6	5940	mg/Kg	
48295	AS00002PE	Iron	7439-89-6	8710	mg/kg	
41593	AS40501AE	Iron	7439-89-6	5350	mg/Kg	
46593	AS40507AE	Iron	7439-89-6	7440	mg/kg	
46793	AS40509AE	Iron	7439-89-6	7130	mg/kg	
42193	AS40502AE	Iron	7439-89-6	7950	mg/Kg	
43393	AS40505AE	Iron	7439-89-6	5660	mg/Kg	
46993	AS40511AE	Lead	7439-92-1	6.1	mg/kg	
47093	AS40512AE	Lead	7439-92-1	6.8	mg/kg	
46593	AS40507AE	Lead	7439-92-1	6	mg/kg	

293

Table A.4 Solar Evaporation Ponds AOC - Analytical Results for Liner - Metals

LOCATION	FIELD SAMPLE NUMBER	ANALYTE NAME	CAS NO	RESULT	UNITS	LAB RESULT QUALIFIER
41593	AS40501AE	Lead	7439-92-1	107	mg/Kg	S*
48195	AS00001PE	Lead	7439-92-1	5.7	mg/kg	
42493	AS40503AE	Lead	7439-92-1	80.4	mg/Kg	*
48295	AS00002PE	Lead	7439-92-1	4.6	mg/kg	
46693	AS40508AE	Lead	7439-92-1	6	mg/kg	
43693	AS40506AE	Lead	7439-92-1	74.2	mg/Kg	+*
48395	AS00003PE	Lead	7439-92-1	7.9	mg/kg	
42593	AS40504AE	Lead	7439-92-1	11.4	mg/Kg	S*
46893	AS40510AE	Lead	7439-92-1	3.8	mg/kg	
46793	AS40509AE	Lead	7439-92-1	7.2	mg/kg	
42193	AS40502AE	Lead	7439-92-1	7.9	mg/Kg	*
43393	AS40505AE	Lead	7439-92-1	26.5	mg/Kg	S*
46993	AS40511AE	Lithium	7439-93-2	10.9	mg/kg	
43693	AS40506AE	Lithium	7439-93-2	13.4	mg/Kg	
42193	AS40502AE	Lithium	7439-93-2	8.1	mg/Kg	
46593	AS40507AE	Lithium	7439-93-2	7.9	mg/kg	B
48395	AS00003PE	Lithium	7439-93-2	13.1	mg/kg	B
43393	AS40505AE	Lithium	7439-93-2	6.5	mg/Kg	
42493	AS40503AE	Lithium	7439-93-2	4.7	mg/Kg	
41593	AS40501AE	Lithium	7439-93-2	4.1	mg/Kg	
46793	AS40509AE	Lithium	7439-93-2	7	mg/kg	B
48195	AS00001PE	Lithium	7439-93-2	12.1	mg/kg	B
48295	AS00002PE	Lithium	7439-93-2	8.5	mg/kg	B
42593	AS40504AE	Lithium	7439-93-2	3.8	mg/Kg	B
46893	AS40510AE	Lithium	7439-93-2	7.5	mg/kg	B
47093	AS40512AE	Lithium	7439-93-2	6.4	mg/kg	B
46693	AS40508AE	Lithium	7439-93-2	8.6	mg/kg	B
41593	AS40501AE	MAGNESIUM	7439-95-4	1320	mg/Kg	
47093	AS40512AE	MAGNESIUM	7439-95-4	2180	mg/kg	
43393	AS40505AE	MAGNESIUM	7439-95-4	1920	mg/Kg	
46793	AS40509AE	MAGNESIUM	7439-95-4	1860	mg/kg	
46593	AS40507AE	MAGNESIUM	7439-95-4	2130	mg/kg	
48395	AS00003PE	MAGNESIUM	7439-95-4	2750	mg/kg	
42493	AS40503AE	MAGNESIUM	7439-95-4	2000	mg/Kg	
46693	AS40508AE	MAGNESIUM	7439-95-4	2200	mg/kg	
43693	AS40506AE	MAGNESIUM	7439-95-4	2350	mg/Kg	
42193	AS40502AE	MAGNESIUM	7439-95-4	1800	mg/Kg	
48295	AS00002PE	MAGNESIUM	7439-95-4	2180	mg/kg	
48195	AS00001PE	MAGNESIUM	7439-95-4	2410	mg/kg	
42593	AS40504AE	MAGNESIUM	7439-95-4	1650	mg/Kg	
46893	AS40510AE	MAGNESIUM	7439-95-4	2160	mg/kg	
46993	AS40511AE	MAGNESIUM	7439-95-4	2400	mg/kg	
41593	AS40501AE	Manganese	7439-96-5	95.8	mg/Kg	N
42593	AS40504AE	Manganese	7439-96-5	104	mg/Kg	N
43393	AS40505AE	Manganese	7439-96-5	101	mg/Kg	N
42493	AS40503AE	Manganese	7439-96-5	124	mg/Kg	N
48395	AS00003PE	Manganese	7439-96-5	162	mg/kg	
42193	AS40502AE	Manganese	7439-96-5	117	mg/Kg	N

294

Table A.4 Solar Evaporation Ponds AOC - Analytical Results for Liner - Metals

LOCATION	FIELD SAMPLE NUMBER	ANALYTE NAME	CAS NO	RESULT	UNITS	LAB RESULT QUALIFIER
43693	AS40506AE	Manganese	7439-96-5	122	mg/Kg	N
46993	AS40511AE	Manganese	7439-96-5	142	mg/kg	
46793	AS40509AE	Manganese	7439-96-5	91.9	mg/kg	
46893	AS40510AE	Manganese	7439-96-5	128	mg/kg	
47093	AS40512AE	Manganese	7439-96-5	140	mg/kg	
46593	AS40507AE	Manganese	7439-96-5	109	mg/kg	
48195	AS00001PE	Manganese	7439-96-5	149	mg/kg	
46693	AS40508AE	Manganese	7439-96-5	135	mg/kg	
48295	AS00002PE	Manganese	7439-96-5	127	mg/kg	
48295	AS00002PE	Mercury	7439-97-6	0.1	mg/kg	U
48395	AS00003PE	Mercury	7439-97-6	0.12	mg/kg	U
48195	AS00001PE	Mercury	7439-97-6	0.1	mg/kg	U
46893	AS40510AE	Molybdenum	7439-98-7	5.8	mg/kg	U
48295	AS00002PE	Molybdenum	7439-98-7	2.4	mg/kg	U
46993	AS40511AE	Molybdenum	7439-98-7	5.8	mg/kg	U
46793	AS40509AE	Molybdenum	7439-98-7	5.9	mg/kg	U
42593	AS40504AE	Molybdenum	7439-98-7	6.2	mg/Kg	U
42193	AS40502AE	Molybdenum	7439-98-7	6.2	mg/Kg	U
46593	AS40507AE	Molybdenum	7439-98-7	5.9	mg/kg	U
48395	AS00003PE	Molybdenum	7439-98-7	2.8	mg/kg	U
42493	AS40503AE	Molybdenum	7439-98-7	6.2	mg/Kg	U
46693	AS40508AE	Molybdenum	7439-98-7	6	mg/kg	U
48195	AS00001PE	Molybdenum	7439-98-7	2.4	ug/kg	U
47093	AS40512AE	Molybdenum	7439-98-7	5.9	mg/kg	U
43693	AS40506AE	Molybdenum	7439-98-7	6.2	mg/Kg	U
43393	AS40505AE	Molybdenum	7439-98-7	6.2	mg/Kg	U
41593	AS40501AE	Molybdenum	7439-98-7	6.2	mg/Kg	U
42593	AS40504AE	Nickel	7440-02-0	8.8	mg/Kg	
46793	AS40509AE	Nickel	7440-02-0	11.2	mg/kg	
42193	AS40502AE	Nickel	7440-02-0	9.6	mg/Kg	
43693	AS40506AE	Nickel	7440-02-0	15.1	mg/Kg	
46593	AS40507AE	Nickel	7440-02-0	16.2	mg/kg	
48395	AS00003PE	Nickel	7440-02-0	7.8	mg/kg	B
47093	AS40512AE	Nickel	7440-02-0	12.9	mg/kg	
41593	AS40501AE	Nickel	7440-02-0	8.7	mg/Kg	
42493	AS40503AE	Nickel	7440-02-0	9.2	mg/Kg	
46693	AS40508AE	Nickel	7440-02-0	16.2	mg/kg	
48195	AS00001PE	Nickel	7440-02-0	10.4	mg/kg	B
46993	AS40511AE	Nickel	7440-02-0	15.8	mg/kg	
43393	AS40505AE	Nickel	7440-02-0	11.4	mg/Kg	
46893	AS40510AE	Nickel	7440-02-0	12.7	mg/kg	
48295	AS00002PE	Nickel	7440-02-0	8.6	mg/kg	B
48295	AS00002PE	POTASSIUM	7440-09-7	2300	mg/kg	
42493	AS40503AE	POTASSIUM	7440-09-7	1420	mg/Kg	
48195	AS00001PE	POTASSIUM	7440-09-7	2800	mg/kg	
46693	AS40508AE	POTASSIUM	7440-09-7	1860	mg/kg	
43393	AS40505AE	POTASSIUM	7440-09-7	1050	mg/Kg	
41593	AS40501AE	POTASSIUM	7440-09-7	1050	mg/Kg	

295

Table A.4 Solar Evaporation Ponds AOC - Analytical Results for Liner - Metals

LOCATION	FIELD SAMPLE NUMBER	ANALYTE NAME	CAS NO	RESULT	UNITS	LAB RESULT QUALIFIER
46993	AS40511AE	POTASSIUM	7440-09-7	2200	mg/kg	
42593	AS40504AE	POTASSIUM	7440-09-7	1010	mg/Kg	
46893	AS40510AE	POTASSIUM	7440-09-7	1700	mg/kg	
46593	AS40507AE	POTASSIUM	7440-09-7	1740	mg/kg	
43693	AS40506AE	POTASSIUM	7440-09-7	2050	mg/Kg	
47093	AS40512AE	POTASSIUM	7440-09-7	2030	mg/kg	
42193	AS40502AE	POTASSIUM	7440-09-7	2370	mg/Kg	
46793	AS40509AE	POTASSIUM	7440-09-7	1490	mg/kg	
48395	AS00003PE	POTASSIUM	7440-09-7	3110	mg/kg	
46993	AS40511AE	Selenium	7782-49-2	0.4	mg/kg	U
46693	AS40508AE	Selenium	7782-49-2	0.41	mg/kg	U
41593	AS40501AE	Selenium	7782-49-2	0.6	mg/Kg	U
48195	AS00001PE	Selenium	7782-49-2	0.48	mg/kg	B,WN
48395	AS00003PE	Selenium	7782-49-2	0.47	mg/kg	B,WN
42193	AS40502AE	Selenium	7782-49-2	0.6	mg/Kg	U
47093	AS40512AE	Selenium	7782-49-2	0.4	mg/kg	U
46793	AS40509AE	Selenium	7782-49-2	0.41	mg/kg	U
46893	AS40510AE	Selenium	7782-49-2	0.4	mg/kg	U
43393	AS40505AE	Selenium	7782-49-2	0.6	mg/Kg	U
48295	AS00002PE	Selenium	7782-49-2	0.33	mg/kg	B,WN
42593	AS40504AE	Selenium	7782-49-2	0.6	mg/Kg	U
46593	AS40507AE	Selenium	7782-49-2	0.41	mg/kg	U
43693	AS40506AE	Selenium	7782-49-2	0.6	mg/Kg	U
42493	AS40503AE	Selenium	7782-49-2	0.6	mg/Kg	UW
42593	AS40504AE	Silver	7440-22-4	1.4	mg/Kg	U
42193	AS40502AE	Silver	7440-22-4	1.4	mg/Kg	U
43693	AS40506AE	Silver	7440-22-4	1.4	mg/Kg	U
41593	AS40501AE	Silver	7440-22-4	1.4	mg/Kg	U
47093	AS40512AE	Silver	7440-22-4	0.61	mg/kg	U
46593	AS40507AE	Silver	7440-22-4	0.61	mg/kg	U
46893	AS40510AE	Silver	7440-22-4	0.6	mg/kg	U
46993	AS40511AE	Silver	7440-22-4	0.6	mg/kg	U
48295	AS00002PE	Silver	7440-22-4	0.8	mg/kg	U
46793	AS40509AE	Silver	7440-22-4	0.62	mg/kg	U
43393	AS40505AE	Silver	7440-22-4	1.4	mg/Kg	U
46693	AS40508AE	Silver	7440-22-4	0.62	mg/kg	U
48395	AS00003PE	Silver	7440-22-4	0.93	mg/kg	U
42493	AS40503AE	Silver	7440-22-4	1.4	mg/Kg	U
48195	AS00001PE	Silver	7440-22-4	0.81	mg/kg	U
41593	AS40501AE	SODIUM	7440-23-5	189	mg/Kg	B
48195	AS00001PE	SODIUM	7440-23-5	1540	mg/kg	
46593	AS40507AE	SODIUM	7440-23-5	388	mg/kg	B
46993	AS40511AE	SODIUM	7440-23-5	746	mg/kg	B
46893	AS40510AE	SODIUM	7440-23-5	702	mg/kg	B
42593	AS40504AE	SODIUM	7440-23-5	135	mg/Kg	B
46693	AS40508AE	SODIUM	7440-23-5	413	mg/kg	B
46793	AS40509AE	SODIUM	7440-23-5	301	mg/kg	B
42193	AS40502AE	SODIUM	7440-23-5	1000	mg/Kg	

296

Table A.4 Solar Evaporation Ponds AOC - Analytical Results for Liner - Metals

LOCATION	FIELD SAMPLE NUMBER	ANALYTE NAME	CAS NO	RESULT	UNITS	LAB RESULT QUALIFIER
48295	AS00002PE	SODIUM	7440-23-5	1240	mg/kg	B
47093	AS40512AE	SODIUM	7440-23-5	1050	mg/kg	
42493	AS40503AE	SODIUM	7440-23-5	233	mg/Kg	B
48395	AS00003PE	SODIUM	7440-23-5	1230	mg/kg	B
43393	AS40505AE	SODIUM	7440-23-5	472	mg/Kg	B
43693	AS40506AE	SODIUM	7440-23-5	473	mg/Kg	B
47093	AS40512AE	Strontium	7440-24-6	12.3	mg/kg	B
46593	AS40507AE	Strontium	7440-24-6	12.8	mg/kg	B
42493	AS40503AE	Strontium	7440-24-6	11.1	mg/Kg	B
46893	AS40510AE	Strontium	7440-24-6	9.2	mg/kg	B
46993	AS40511AE	Strontium	7440-24-6	14.4	mg/kg	B
42593	AS40504AE	Strontium	7440-24-6	7.1	mg/Kg	B
46693	AS40508AE	Strontium	7440-24-6	13.3	mg/kg	B
43393	AS40505AE	Strontium	7440-24-6	5.4	mg/Kg	B
41593	AS40501AE	Strontium	7440-24-6	5.4	mg/Kg	B
48195	AS00001PE	Strontium	7440-24-6	17.6	mg/kg	B
46793	AS40509AE	Strontium	7440-24-6	9.1	mg/kg	B
48395	AS00003PE	Strontium	7440-24-6	17.5	mg/kg	B
48295	AS00002PE	Strontium	7440-24-6	15.4	mg/kg	B
43693	AS40506AE	Strontium	7440-24-6	14.8	mg/Kg	B
42193	AS40502AE	Strontium	7440-24-6	6.4	mg/Kg	B
48295	AS00002PE	THALLIUM	7440-28-0	0.78	mg/kg	U,N
48395	AS00003PE	THALLIUM	7440-28-0	0.89	mg/kg	U,N
48195	AS00001PE	THALLIUM	7440-28-0	0.74	mg/kg	U,N
47093	AS40512AE	THALLIUM	7440-28-0	0.81	mg/kg	U
46793	AS40509AE	THALLIUM	7440-28-0	0.82	mg/kg	U
46893	AS40510AE	THALLIUM	7440-28-0	0.96	mg/kg	B
46993	AS40511AE	THALLIUM	7440-28-0	0.8	mg/kg	U
46693	AS40508AE	THALLIUM	7440-28-0	0.83	mg/kg	U
42493	AS40503AE	THALLIUM	7440-28-0	1	mg/Kg	U
41593	AS40501AE	THALLIUM	7440-28-0	1	mg/Kg	U
42593	AS40504AE	THALLIUM	7440-28-0	1	mg/Kg	U
42193	AS40502AE	THALLIUM	7440-28-0	1	mg/Kg	U
46593	AS40507AE	THALLIUM	7440-28-0	0.82	mg/kg	U
43393	AS40505AE	THALLIUM	7440-28-0	1	mg/Kg	U
43693	AS40506AE	THALLIUM	7440-28-0	1	mg/Kg	U
42593	AS40504AE	Tin	7440-31-5	0.31	mg/Kg	B
46593	AS40507AE	Tin	7440-31-5	0.54	mg/kg	B
48295	AS00002PE	Tin	7440-31-5	4.3	mg/kg	U
46693	AS40508AE	Tin	7440-31-5	0.62	mg/kg	B
43693	AS40506AE	Tin	7440-31-5	0.51	mg/Kg	B
43393	AS40505AE	Tin	7440-31-5	0.34	mg/Kg	B
48195	AS00001PE	Tin	7440-31-5	4.3	mg/kg	U
46993	AS40511AE	Tin	7440-31-5	0.66	mg/kg	B
42493	AS40503AE	Tin	7440-31-5	0.41	mg/Kg	B
47093	AS40512AE	Tin	7440-31-5	0.57	mg/kg	B
42193	AS40502AE	Tin	7440-31-5	0.49	mg/Kg	B
48395	AS00003PE	Tin	7440-31-5	4.9	mg/kg	U

297

Table A.4 Solar Evaporation Ponds AOC - Analytical Results for Liner - Metals

LOCATION	FIELD SAMPLE NUMBER	ANALYTE NAME	CAS NO	RESULT	UNITS	LAB RESULT QUALIFIER
46893	AS40510AE	Tin	7440-31-5	0.53	mg/kg	B
46793	AS40509AE	Tin	7440-31-5	0.53	mg/kg	B
41593	AS40501AE	Tin	7440-31-5	0.37	mg/Kg	B
48395	AS00003PE	Titanium	7440-32-6	468	mg/kg	
48295	AS00002PE	Titanium	7440-32-6	322	mg/kg	
48195	AS00001PE	Titanium	7440-32-6	431	mg/kg	
42593	AS40504AE	Vanadium	7440-62-2	20.7	mg/Kg	
42193	AS40502AE	Vanadium	7440-62-2	20.2	mg/Kg	
46793	AS40509AE	Vanadium	7440-62-2	27.4	mg/kg	
46993	AS40511AE	Vanadium	7440-62-2	39	mg/kg	
46693	AS40508AE	Vanadium	7440-62-2	30.5	mg/kg	
46893	AS40510AE	Vanadium	7440-62-2	33.6	mg/kg	
42493	AS40503AE	Vanadium	7440-62-2	24.1	mg/Kg	
47093	AS40512AE	Vanadium	7440-62-2	35.8	mg/kg	
48395	AS00003PE	Vanadium	7440-62-2	35.5	mg/kg	
41593	AS40501AE	Vanadium	7440-62-2	19.4	mg/Kg	
46593	AS40507AE	Vanadium	7440-62-2	29.9	mg/kg	
43393	AS40505AE	Vanadium	7440-62-2	16.3	mg/Kg	
48295	AS00002PE	Vanadium	7440-62-2	34.2	mg/kg	
43693	AS40506AE	Vanadium	7440-62-2	37.8	mg/Kg	
48195	AS00001PE	Vanadium	7440-62-2	36.8	mg/kg	
41593	AS40501AE	Zinc	7440-66-6	30.8	mg/Kg	
47093	AS40512AE	Zinc	7440-66-6	22.2	mg/kg	
48395	AS00003PE	Zinc	7440-66-6	32.6	mg/kg	
46993	AS40511AE	Zinc	7440-66-6	24.8	mg/kg	
46893	AS40510AE	Zinc	7440-66-6	22.8	mg/kg	
46793	AS40509AE	Zinc	7440-66-6	19.9	mg/kg	
42193	AS40502AE	Zinc	7440-66-6	25.6	mg/Kg	
46693	AS40508AE	Zinc	7440-66-6	25.7	mg/kg	
43693	AS40506AE	Zinc	7440-66-6	74	mg/Kg	
42493	AS40503AE	Zinc	7440-66-6	40.2	mg/Kg	
48195	AS00001PE	Zinc	7440-66-6	28.3	mg/kg	
42593	AS40504AE	Zinc	7440-66-6	21.1	mg/Kg	
43393	AS40505AE	Zinc	7440-66-6	19.9	mg/Kg	
48295	AS00002PE	Zinc	7440-66-6	24.2	mg/kg	
46593	AS40507AE	Zinc	7440-66-6	26	mg/kg	

298

Table A.5 Solar Evaporation Ponds AOC - Analytical Results for Liner - Radionuclides

LOCATION	FIELD SAMPLE NUMBER	ANALYTE NAME	CAS NO	RESULT	UNITS	LAB RESULT QUALIFIER
42193	AS40502AE	Americium-241	14596-10-2	0.005	pCi/g	<
46693	AS40508AE	Americium-241	14596-10-2	4.03	pCi/g	
43393	AS40505AE	Americium-241	14596-10-2	0.005	pCi/g	<
46593	AS40507AE	Americium-241	14596-10-2	3.97	pCi/g	
48295	AS00002PE	Americium-241	14596-10-2	3.063	pCi/g	
46793	AS40509AE	Americium-241	14596-10-2	1.73	pCi/g	
47093	AS40512AE	Americium-241	14596-10-2	0.58	pCi/g	
46893	AS40510AE	Americium-241	14596-10-2	0.45	pCi/g	
41593	AS40501AE	Americium-241	14596-10-2	0.003	pCi/g	<
42493	AS40503AE	Americium-241	14596-10-2	0.003	pCi/g	<
46993	AS40511AE	Americium-241	14596-10-2	0.58	pCi/g	
42593	AS40504AE	Americium-241	14596-10-2	0.005	pCi/g	<
48395	AS00003PE	Americium-241	14596-10-2	2.951	pCi/g	
48195	AS00001PE	Americium-241	14596-10-2	8.188	pCi/g	
43693	AS40506AE	Americium-241	14596-10-2	0.005	pCi/g	<
47093	AS40512AE	CESIUM-134	13967-70-9	0.22	pCi/g	<
42193	AS40502AE	CESIUM-134	13967-70-9	0.2	pCi/g	<
46993	AS40511AE	CESIUM-134	13967-70-9	0.22	pCi/g	<
42493	AS40503AE	CESIUM-134	13967-70-9	0.02	pCi/g	<
42593	AS40504AE	CESIUM-134	13967-70-9	0.18	pCi/g	<
43693	AS40506AE	CESIUM-134	13967-70-9	0.17	pCi/g	<
46893	AS40510AE	CESIUM-134	13967-70-9	0.09	pCi/g	<
43393	AS40505AE	CESIUM-134	13967-70-9	0.04	pCi/g	<
46593	AS40507AE	CESIUM-134	13967-70-9	0.25	pCi/g	<
46793	AS40509AE	CESIUM-134	13967-70-9	0.22	pCi/g	<
41593	AS40501AE	CESIUM-134	13967-70-9	0.24	pCi/g	<
46693	AS40508AE	CESIUM-134	13967-70-9	0.25	pCi/g	<
41593	AS40501AE	CESIUM-137	10045-97-3	0.1	pCi/g	<
43693	AS40506AE	CESIUM-137	10045-97-3	0.12	pCi/g	<
43393	AS40505AE	CESIUM-137	10045-97-3	0.08	pCi/g	<
46593	AS40507AE	CESIUM-137	10045-97-3	0.17	pCi/g	<
47093	AS40512AE	CESIUM-137	10045-97-3	0.17	pCi/g	<
46993	AS40511AE	CESIUM-137	10045-97-3	0.1	pCi/g	<
46693	AS40508AE	CESIUM-137	10045-97-3	0.16	pCi/g	<
46793	AS40509AE	CESIUM-137	10045-97-3	0.12	pCi/g	<
42593	AS40504AE	CESIUM-137	10045-97-3	0.07	pCi/g	<
46893	AS40510AE	CESIUM-137	10045-97-3	0.14	pCi/g	<
42493	AS40503AE	CESIUM-137	10045-97-3	0.09	pCi/g	<
42193	AS40502AE	CESIUM-137	10045-97-3	0.07	pCi/g	<
42193	AS40502AE	PLUTONIUM-238	13981-16-3	0.009	pCi/g	<
43693	AS40506AE	PLUTONIUM-238	13981-16-3	0.017	pCi/g	<
42493	AS40503AE	PLUTONIUM-238	13981-16-3	0.009	pCi/g	<
42593	AS40504AE	PLUTONIUM-238	13981-16-3	0.016	pCi/g	
41593	AS40501AE	PLUTONIUM-238	13981-16-3	0.015	pCi/g	<
43393	AS40505AE	PLUTONIUM-238	13981-16-3	0.01	pCi/g	<
48395	AS00003PE	Plutonium-239/240	10-12-8	1.31	pCi/g	
42193	AS40502AE	Plutonium-239/240	10-12-8	0.071	pCi/g	
42493	AS40503AE	Plutonium-239/240	10-12-8	0.007	pCi/g	<

299.

47093	AS40512AE	Plutonium-239/240	10-12-8	0.22	pCi/g	
43393	AS40505AE	Plutonium-239/240	10-12-8	0.009	pCi/g	<
48195	AS00001PE	Plutonium-239/240	10-12-8	3.361	pCi/g	
48295	AS00002PE	Plutonium-239/240	10-12-8	1.532	pCi/g	
42593	AS40504AE	Plutonium-239/240	10-12-8	0.053	pCi/g	
46893	AS40510AE	Plutonium-239/240	10-12-8	0.22	pCi/g	
46793	AS40509AE	Plutonium-239/240	10-12-8	0.3	pCi/g	
46593	AS40507AE	Plutonium-239/240	10-12-8	0.68	pCi/g	
46693	AS40508AE	Plutonium-239/240	10-12-8	3.13	pCi/g	
41593	AS40501AE	Plutonium-239/240	10-12-8	0.107	pCi/g	
43693	AS40506AE	Plutonium-239/240	10-12-8	2.23	pCi/g	
46993	AS40511AE	Plutonium-239/240	10-12-8	0.5	pCi/g	
41593	AS40501AE	STRONTIUM-89	14158-27-1	0.2	pCi/g	
43393	AS40505AE	STRONTIUM-89	14158-27-1	0.1	pCi/g	
43693	AS40506AE	STRONTIUM-89	14158-27-1	0	pCi/g	
46893	AS40510AE	STRONTIUM-89	14158-27-1	0.4	pCi/g	
42493	AS40503AE	STRONTIUM-89	14158-27-1	0.5	pCi/g	
42193	AS40502AE	STRONTIUM-89	14158-27-1	0.1	pCi/g	
47093	AS40512AE	STRONTIUM-89	14158-27-1	0.3	pCi/g	
46993	AS40511AE	STRONTIUM-89	14158-27-1	0.2	pCi/g	
46593	AS40507AE	STRONTIUM-89	14158-27-1	0.3	pCi/g	
46793	AS40509AE	STRONTIUM-89	14158-27-1	0.5	pCi/g	
46693	AS40508AE	STRONTIUM-89	14158-27-1	0.5	pCi/g	
42593	AS40504AE	STRONTIUM-89	14158-27-1	0	pCi/g	
46993	AS40511AE	STRONTIUM-90	10098-97-2	0.1	pCi/g	
46593	AS40507AE	STRONTIUM-90	10098-97-2	0	pCi/g	
42193	AS40502AE	STRONTIUM-90	10098-97-2	-0.02	pCi/g	
42593	AS40504AE	STRONTIUM-90	10098-97-2	-0.01	pCi/g	
42493	AS40503AE	STRONTIUM-90	10098-97-2	-0.07	pCi/g	
46893	AS40510AE	STRONTIUM-90	10098-97-2	0.2	pCi/g	
41593	AS40501AE	STRONTIUM-90	10098-97-2	0.04	pCi/g	
46693	AS40508AE	STRONTIUM-90	10098-97-2	0.1	pCi/g	
43393	AS40505AE	STRONTIUM-90	10098-97-2	-0.08	pCi/g	
43693	AS40506AE	STRONTIUM-90	10098-97-2	-0.1	pCi/g	
46793	AS40509AE	STRONTIUM-90	10098-97-2	0	pCi/g	
47093	AS40512AE	STRONTIUM-90	10098-97-2	0	pCi/g	
46693	AS40508AE	Uranium-234	11-08-5	1.11	pCi/g	
43693	AS40506AE	Uranium-234	11-08-5	1.8	pCi/g	
43393	AS40505AE	Uranium-234	11-08-5	1.22	pCi/g	
46993	AS40511AE	Uranium-234	11-08-5	1.77	pCi/g	
41593	AS40501AE	Uranium-234	11-08-5	1.87	pCi/g	
48395	AS00003PE	Uranium-234	11-08-5	1.463	pCi/g	
46793	AS40509AE	Uranium-234	11-08-5	1.26	pCi/g	
46893	AS40510AE	Uranium-234	11-08-5	1.76	pCi/g	
42593	AS40504AE	Uranium-234	11-08-5	0.81	pCi/g	
47093	AS40512AE	Uranium-234	11-08-5	2.2	pCi/g	
48395	AS00004PE	Uranium-234	11-08-5	1.463	pCi/g	
48195	AS00001PE	Uranium-234	11-08-5	2.109	pCi/g	
46593	AS40507AE	Uranium-234	11-08-5	1.54	pCi/g	
42193	AS40502AE	Uranium-234	11-08-5	4.66	pCi/g	
42493	AS40503AE	Uranium-234	11-08-5	0.68	pCi/g	
46993	AS40511AE	Uranium-235	15117-96-1	0.1	pCi/g	

300

46893	AS40510AE	Uranium-235	15117-96-1	0.09	pCi/g	
46793	AS40509AE	Uranium-235	15117-96-1	0.07	pCi/g	
48195	AS00001PE	Uranium-235	15117-96-1	0.106	pCi/g	
48295	AS00002PE	Uranium-235	15117-96-1	0.065	pCi/g	
46693	AS40508AE	Uranium-235	15117-96-1	0.09	pCi/g	
47093	AS40512AE	Uranium-235	15117-96-1	0.11	pCi/g	
42193	AS40502AE	Uranium-235	15117-96-1	0.26	pCi/g	<
42493	AS40503AE	Uranium-235	15117-96-1	0.018	pCi/g	<
46593	AS40507AE	Uranium-235	15117-96-1	0.07	pCi/g	
43693	AS40506AE	Uranium-235	15117-96-1	0.22	pCi/g	<
42593	AS40504AE	Uranium-235	15117-96-1	0.1	pCi/g	
41593	AS40501AE	Uranium-235	15117-96-1	0.27	pCi/g	<
48395	AS00003PE	Uranium-235	15117-96-1	0.049	pCi/g	
43393	AS40505AE	Uranium-235	15117-96-1	0.26	pCi/g	<
46993	AS40511AE	Uranium-238	7440-61-1	1.43	pCi/g	
42593	AS40504AE	Uranium-238	7440-61-1	0.52	pCi/g	
42193	AS40502AE	Uranium-238	7440-61-1	2.68	pCi/g	
41593	AS40501AE	Uranium-238	7440-61-1	1.74	pCi/g	
48295	AS00002PE	Uranium-238	7440-61-1	2.047	pCi/g	
47093	AS40512AE	Uranium-238	7440-61-1	1.7	pCi/g	
42493	AS40503AE	Uranium-238	7440-61-1	0.69	pCi/g	
43393	AS40505AE	Uranium-238	7440-61-1	1.18	pCi/g	
48395	AS00003PE	Uranium-238	7440-61-1	1.411	pCi/g	
46893	AS40510AE	Uranium-238	7440-61-1	1.34	pCi/g	
48195	AS00001PE	Uranium-238	7440-61-1	2.04	pCi/g	
46793	AS40509AE	Uranium-238	7440-61-1	0.69	pCi/g	
46693	AS40508AE	Uranium-238	7440-61-1	0.74	pCi/g	
43693	AS40506AE	Uranium-238	7440-61-1	1.32	pCi/g	
46593	AS40507AE	Uranium-238	7440-61-1	0.9	pCi/g	

301

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05093	0	6	FT	BH00061AE	ALUMINUM	7429-90-5	50	11500	mg/kg		V
05193	0	5	FT	BH00066AE	ALUMINUM	7429-90-5	50	23900	mg/kg		V
05393	0	5	FT	BH00076AE	ALUMINUM	7429-90-5	50	16100	mg/kg		V
48195	0	2	FT	BH00101PE	ALUMINUM	7429-90-5		13300	mg/kg		V
48195	2	4	FT	BH00102PE	ALUMINUM	7429-90-5		15400	mg/kg		V
48195	4	6	FT	BH00103PE	ALUMINUM	7429-90-5		9960	mg/kg		V
48295	0	2	FT	BH00104PE	ALUMINUM	7429-90-5		14500	mg/kg		V
48295	2	4	FT	BH00105PE	ALUMINUM	7429-90-5		11200	mg/kg		V
48295	4	6	FT	BH00106PE	ALUMINUM	7429-90-5		7900	mg/kg		V
48395	0	2	FT	BH00107PE	ALUMINUM	7429-90-5		9670	mg/kg		V
48395	2	4	FT	BH00108PE	ALUMINUM	7429-90-5		4300	mg/kg		J
48395	4	5	FT	BH00109PE	ALUMINUM	7429-90-5		15100	mg/kg		J
44593	0	6	FT	BH40001AE	ALUMINUM	7429-90-5	45.4	15500	mg/kg		V
40893	0	7	FT	BH40030AE	ALUMINUM	7429-90-5	43.9	6430	mg/kg		V
44393	0	5	FT	BH40033AE	ALUMINUM	7429-90-5	43	5080	mg/kg		V
41193	0	6	FT	BH40049AE	ALUMINUM	7429-90-5	46	12500	mg/kg		V
41993	0	6	FT	BH40062AE	ALUMINUM	7429-90-5	44	14700	mg/kg	*	J
43893	0	6	FT	BH40070AE	ALUMINUM	7429-90-5	48	16500	mg/kg		V
40293	0	3	FT	BH40118AE	ALUMINUM	7429-90-5	48	10300	mg/kg		V
40393	0	5	FT	BH40123AE	ALUMINUM	7429-90-5	47	8190	mg/kg		V
42993	1	6	FT	BH40141AE	ALUMINUM	7429-90-5	47	11500	mg/kg		V
40793	0	5	FT	BH40157AE	ALUMINUM	7429-90-5	50	8660	mg/kg		V
40093	0	6	FT	BH40167AE	ALUMINUM	7429-90-5	47	8770	mg/kg	*	J
44893	0	5	FT	BH40188AE	ALUMINUM	7429-90-5	46	13000	mg/kg	*	J
41293	0	3	FT	BH40196AE	ALUMINUM	7429-90-5	50	7380	mg/kg		V
40993	0	5	FT	BH40201AE	ALUMINUM	7429-90-5	50	7870	mg/kg		V
41693	0	5	FT	BH40217AE	ALUMINUM	7429-90-5	47	17300	mg/kg	E	J
41793	0	5	FT	BH40243AE	ALUMINUM	7429-90-5	44	13200	mg/kg	E	J
42293	1	6	FT	BH40253AE	ALUMINUM	7429-90-5	50	17900	mg/kg		V
42393	0	5	FT	BH40261AE	ALUMINUM	7429-90-5	43	5700	mg/kg		V
43193	0	5	FT	BH40306AE	ALUMINUM	7429-90-5	47	39100	mg/kg	E	J
43493	0	5	FT	BH40319AE	ALUMINUM	7429-90-5	50	18400	mg/kg		V
43493	5	10	FT	BH40322AE	ALUMINUM	7429-90-5	50	18800	mg/kg		V
43793	0	5	FT	BH40332AE	ALUMINUM	7429-90-5	50	8920	mg/kg		V
44093	0	6	FT	BH40348AE	ALUMINUM	7429-90-5	48	17600	mg/kg		V
43993	0	5	FT	BH40353AE	ALUMINUM	7429-90-5	47	16000	mg/kg	E	J
45693	0	6	FT	BH40374AE	ALUMINUM	7429-90-5	50	20500	mg/kg		V
45893	0	5	FT	BH40377AE	ALUMINUM	7429-90-5	50	10600	mg/kg		V
46193	0	6	FT	BH40385AE	ALUMINUM	7429-90-5	50	20600	mg/kg		V
40793	0	5	FT	BH40413AE	ALUMINUM	7429-90-5	50	16000	mg/kg		V
41593	0	2	FT	BH40417AE	ALUMINUM	7429-90-5	50	38400	mg/kg		V
41593	2	4	FT	BH40418AE	ALUMINUM	7429-90-5	50	15600	mg/kg		V
41593	4	6	FT	BH40419AE	ALUMINUM	7429-90-5	50	8540	mg/kg		V
42193	0	2	FT	BH40425AE	ALUMINUM	7429-90-5	50	13900	mg/kg		V
42193	0	4	FT	BH40426AE	ALUMINUM	7429-90-5	50	11900	mg/kg		V
42193	0	5	FT	BH40427AE	ALUMINUM	7429-90-5	50	8980	mg/kg		V
42493	0	2	FT	BH40438AE	ALUMINUM	7429-90-5	50	18300	mg/kg		V
42493	0	4	FT	BH40439AE	ALUMINUM	7429-90-5	50	16300	mg/kg		V
42493	0	5	FT	BH40440AE	ALUMINUM	7429-90-5	50	15800	mg/kg		V
42493	4	8	FT	BH40441AE	ALUMINUM	7429-90-5	50	11300	mg/kg		V
42593	0	2	FT	BH40446AE	ALUMINUM	7429-90-5	50	37700	mg/kg		V
42593	0	4	FT	BH40447AE	ALUMINUM	7429-90-5	50	14500	mg/kg		V
42593	0	5	FT	BH40448AE	ALUMINUM	7429-90-5	50	12400	mg/kg		V
42593	4	8	FT	BH40449AE	ALUMINUM	7429-90-5	50	6700	mg/kg		V
42093	0	5	FT	BH40483AE	ALUMINUM	7429-90-5	43	3760	mg/kg	*	J
43393	0	2	FT	BH40510AE	ALUMINUM	7429-90-5	50	16400	mg/kg		V
43393	0	4	FT	BH40511AE	ALUMINUM	7429-90-5	50	7760	mg/kg		V
43393	0	5	FT	BH40512AE	ALUMINUM	7429-90-5	50	9980	mg/kg		V
43393	5	8	FT	BH40517AE	ALUMINUM	7429-90-5	50	16900	mg/kg		V
43693	0	2	FT	BH40518AE	ALUMINUM	7429-90-5	50	17500	mg/kg		V
43693	0	4	FT	BH40519AE	ALUMINUM	7429-90-5	50	11300	mg/kg		V
43693	0	5	FT	BH40520AE	ALUMINUM	7429-90-5	50	9510	mg/kg		V
45793	0	4	FT	BH40557AE	ALUMINUM	7429-90-5	50	5180	mg/kg		V
46593	1	3	FT	BH40700AE	ALUMINUM	7429-90-5	40	5810	mg/kg		V
46593	3	5	FT	BH40702AE	ALUMINUM	7429-90-5	40	4420	mg/kg		V
46593	5	7	FT	BH40703AE	ALUMINUM	7429-90-5	40	10300	mg/kg		V
46593	5	9	FT	BH40705AE	ALUMINUM	7429-90-5	40	4330	mg/kg		V

302

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46693	0	2	FT	BH40715AE	ALUMINUM	7429-90-5	40	30000	mg/kg		V
46693	2	4	FT	BH40717AE	ALUMINUM	7429-90-5	40	7320	mg/kg		V
46693	5	7	FT	BH40718AE	ALUMINUM	7429-90-5	40	9200	mg/kg		V
46793	0	2	FT	BH40729AE	ALUMINUM	7429-90-5	40	23000	mg/kg		V
46793	2	4	FT	BH40731AE	ALUMINUM	7429-90-5	40	12300	mg/kg		V
46793	4	6	FT	BH40732AE	ALUMINUM	7429-90-5	40	3600	mg/kg		V
46893	0	2	FT	BH40743AE	ALUMINUM	7429-90-5	40	12600	mg/kg		V
46893	2	5	FT	BH40745AE	ALUMINUM	7429-90-5	40	9650	mg/kg		V
46993	1	3	FT	BH40757AE	ALUMINUM	7429-90-5	40	9220	mg/kg		V
46993	3	5	FT	BH40759AE	ALUMINUM	7429-90-5	40	2250	mg/kg		V
47093	1	3	FT	BH40771AE	ALUMINUM	7429-90-5	200	16300	mg/kg		V
47093	3	5	FT	BH40773AE	ALUMINUM	7429-90-5	200	7030	mg/kg		V
47093	5	7	FT	BH40774AE	ALUMINUM	7429-90-5	200	7570	mg/kg		V
P207589	0	3	FT	SEP0389BR0003	ALUMINUM	7429-90-5	46.9	9090	mg/kg		
P207589	3	9	FT	SEP0389BR0309	ALUMINUM	7429-90-5	40	11600	mg/kg		V
P208889	0	4	FT	SEP1689BR0004	ALUMINUM	7429-90-5	43.6	8620	mg/kg		
P208889	4	10	FT	SEP1689BR0410	ALUMINUM	7429-90-5	40	7190	mg/kg		A
P208989	3	9	FT	SEP1789BR0309	ALUMINUM	7429-90-5	40	8020	mg/kg		V
P209089	0	3	FT	SEP1889BR0003	ALUMINUM	7429-90-5	44.4	5380	mg/kg		
P209089	4	9	FT	SEP1889BR0309	ALUMINUM	7429-90-5	40	17300	mg/kg		V
P209189	0	3	FT	SEP1989BR0003	ALUMINUM	7429-90-5	44.5	13400	mg/kg		
P209189	3	10	FT	SEP1989BR0309	ALUMINUM	7429-90-5	40	15400	mg/kg		V
P209489	0	3	FT	SEP2289BR0003	ALUMINUM	7429-90-5	44.3	4990	mg/kg		
P209489	3	7	FT	SEP2289BR0307	ALUMINUM	7429-90-5	40	4730	mg/kg		A
P209589	0	4	FT	SEP2389BR0004	ALUMINUM	7429-90-5	40	12900	mg/kg		A
P209589	4	10	FT	SEP2389BR0410	ALUMINUM	7429-90-5	40	5360	mg/kg		A
P209889	0	4	FT	SEP2689BR0004	ALUMINUM	7429-90-5	40	10500	mg/kg		V
P209889	4	10	FT	SEP2689BR0410	ALUMINUM	7429-90-5	40	6750	mg/kg		V
P210189	0	3	FT	SEP3089BR0003	ALUMINUM	7429-90-5	50	21100	mg/kg		
P210189	3	9	FT	SEP3089BR0309	ALUMINUM	7429-90-5	40	23000	mg/kg		V
P210289	0	3	FT	SEP3189BR0003	ALUMINUM	7429-90-5	50.1	17800	mg/kg		
P210289	3	5	FT	SEP3189BR0306	ALUMINUM	7429-90-5	40	18200	mg/kg		V
42493	5	7	IN	SS40083AE	ALUMINUM	7429-90-5	50	7100	mg/kg		V
46593	7	8	IN	SS40140AE	ALUMINUM	7429-90-5	40	10700	mg/kg		V
46993	10	16	IN	SS40144AE	ALUMINUM	7429-90-5	40	6690	mg/kg		V
05093	0	6	FT	BH00061AE	ANTIMONY	7440-36-0	50	11	mg/kg	UN	J
05193	0	5	FT	BH00066AE	ANTIMONY	7440-36-0	50	12	mg/kg	UN	J
05393	0	5	FT	BH00076AE	ANTIMONY	7440-36-0	50	10.8	mg/kg	UN	J
48195	0	2	FT	BH00101PE	ANTIMONY	7440-36-0	2.6	2.6	mg/kg	UN	J
48195	2	4	FT	BH00102PE	ANTIMONY	7440-36-0	2.6	2.6	mg/kg	UN	J
48195	4	6	FT	BH00103PE	ANTIMONY	7440-36-0	2.6	2.6	mg/kg	UE	J
48295	0	2	FT	BH00104PE	ANTIMONY	7440-36-0	2.9	2.9	mg/kg	UN	J
48295	2	4	FT	BH00105PE	ANTIMONY	7440-36-0	2.9	2.6	mg/kg	UN	J
48295	4	6	FT	BH00106PE	ANTIMONY	7440-36-0	2.6	2.6	mg/kg	UN	J
48395	0	2	FT	BH00107PE	ANTIMONY	7440-36-0	2.9	2.9	mg/kg	UN	J
48395	2	4	FT	BH00108PE	ANTIMONY	7440-36-0	3.3	3.3	mg/kg	UN	J
48395	4	5	FT	BH00109PE	ANTIMONY	7440-36-0	3.3	2.7	mg/kg	UN	J
44593	0	6	FT	BH40001AE	ANTIMONY	7440-36-0	13.6	11.3	mg/kg	UN	J
40893	0	7	FT	BH40030AE	ANTIMONY	7440-36-0	13.2	11	mg/kg	UN	J
44393	0	5	FT	BH40033AE	ANTIMONY	7440-36-0	13	10.8	mg/kg	UN	J
41193	0	6	FT	BH40049AE	ANTIMONY	7440-36-0	14	11.6	mg/kg	UN	J
41993	0	6	FT	BH40062AE	ANTIMONY	7440-36-0	13	11	mg/kg	UN	J
43893	0	6	FT	BH40070AE	ANTIMONY	7440-36-0	14	12	mg/kg	UN	J
40293	0	3	FT	BH40118AE	ANTIMONY	7440-36-0	15	12.1	mg/kg	UN	J
40393	0	5	FT	BH40123AE	ANTIMONY	7440-36-0	14	11.7	mg/kg	UN	J
42993	1	6	FT	BH40141AE	ANTIMONY	7440-36-0	14	11.7	mg/kg	UN	J
40093	0	6	FT	BH40167AE	ANTIMONY	7440-36-0	14	11.7	mg/kg	UN	J
44893	0	5	FT	BH40188AE	ANTIMONY	7440-36-0	14	11.5	mg/kg	UN	J
41693	0	5	FT	BH40217AE	ANTIMONY	7440-36-0	14	11.7	mg/kg	UN	J
41793	0	5	FT	BH40243AE	ANTIMONY	7440-36-0	13	11	mg/kg	UN	J
42293	1	6	FT	BH40253AE	ANTIMONY	7440-36-0	50	11.5	mg/kg	UN	J
42393	0	5	FT	BH40261AE	ANTIMONY	7440-36-0	13	10.8	mg/kg	UN	J
43193	0	5	FT	BH40306AE	ANTIMONY	7440-36-0	14	11.8	mg/kg	UN	J
43493	0	5	FT	BH40319AE	ANTIMONY	7440-36-0	50	11.6	mg/kg	UN	J
43493	5	10	FT	BH40322AE	ANTIMONY	7440-36-0	50	11.1	mg/kg	UN	J
44093	0	6	FT	BH40348AE	ANTIMONY	7440-36-0	14	12	mg/kg	UN	J
43993	0	5	FT	BH40353AE	ANTIMONY	7440-36-0	14	11.6	mg/kg	UN	J

303

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
45693	0	6	FT	BH40374AE	ANTIMONY	7440-36-0	50	12.8	mg/kg	UN	J
45893	0	5	FT	BH40377AE	ANTIMONY	7440-36-0	50	11.4	mg/kg	UN	J
46193	0	6	FT	BH40385AE	ANTIMONY	7440-36-0	50	12.4	mg/kg	UN	J
41593	0	2	FT	BH40417AE	ANTIMONY	7440-36-0	50	28.5	mg/kg	UN	J
41593	2	4	FT	BH40418AE	ANTIMONY	7440-36-0	50	13.1	mg/kg	UN	J
41593	4	6	FT	BH40419AE	ANTIMONY	7440-36-0	50	11	mg/kg	UN	J
42193	0	2	FT	BH40425AE	ANTIMONY	7440-36-0	50	11.7	mg/kg	UN	J
42193	0	4	FT	BH40426AE	ANTIMONY	7440-36-0	50	10.9	mg/kg	UN	J
42193	0	5	FT	BH40427AE	ANTIMONY	7440-36-0	50	11.3	mg/kg	UN	J
42493	0	2	FT	BH40438AE	ANTIMONY	7440-36-0	50	11.7	mg/kg	UN	J
42493	0	4	FT	BH40439AE	ANTIMONY	7440-36-0	50	11.1	mg/kg	UN	J
42493	0	5	FT	BH40440AE	ANTIMONY	7440-36-0	50	10.9	mg/kg	UN	J
42493	4	8	FT	BH40441AE	ANTIMONY	7440-36-0	50	11.4	mg/kg	UN	J
42593	0	2	FT	BH40446AE	ANTIMONY	7440-36-0	50	11.2	mg/kg	UN	J
42593	0	4	FT	BH40447AE	ANTIMONY	7440-36-0	50	10.8	mg/kg	UN	J
42593	0	5	FT	BH40448AE	ANTIMONY	7440-36-0	50	10.7	mg/kg	UN	J
42593	4	8	FT	BH40449AE	ANTIMONY	7440-36-0	50	10.8	mg/kg	UN	J
42093	0	5	FT	BH40483AE	ANTIMONY	7440-36-0	13	10.8	mg/kg	UN	J
43393	0	2	FT	BH40510AE	ANTIMONY	7440-36-0	50	11.7	mg/kg	UN	J
43393	0	4	FT	BH40511AE	ANTIMONY	7440-36-0	50	10.6	mg/kg	UN	J
43393	0	5	FT	BH40512AE	ANTIMONY	7440-36-0	50	10.8	mg/kg	UN	J
43393	5	8	FT	BH40517AE	ANTIMONY	7440-36-0	50	12.3	mg/kg	UN	J
43693	0	2	FT	BH40518AE	ANTIMONY	7440-36-0	50	11.3	mg/kg	UN	J
43693	0	4	FT	BH40519AE	ANTIMONY	7440-36-0	50	10.8	mg/kg	UN	J
43693	0	5	FT	BH40520AE	ANTIMONY	7440-36-0	50	10.7	mg/kg	UN	J
45793	0	4	FT	BH40557AE	ANTIMONY	7440-36-0	50	11	mg/kg	UN	J
46593	1	3	FT	BH40700AE	ANTIMONY	7440-36-0	12	3.6	mg/kg	UN	J
46593	3	5	FT	BH40702AE	ANTIMONY	7440-36-0	12	3.3	mg/kg	UN	J
46593	5	7	FT	BH40703AE	ANTIMONY	7440-36-0	12	3.6	mg/kg	UN	J
46593	5	9	FT	BH40705AE	ANTIMONY	7440-36-0	12	3.5	mg/kg	UN	J
46693	0	2	FT	BH40715AE	ANTIMONY	7440-36-0	12	4	mg/kg	UN	J
46693	2	4	FT	BH40717AE	ANTIMONY	7440-36-0	12	3.5	mg/kg	UN	J
46693	5	7	FT	BH40718AE	ANTIMONY	7440-36-0	12	3.4	mg/kg	UN	J
46893	0	2	FT	BH40743AE	ANTIMONY	7440-36-0	12	5.6	mg/kg	U	J
46893	2	5	FT	BH40745AE	ANTIMONY	7440-36-0	12	5.3	mg/kg	U	J
46993	1	3	FT	BH40757AE	ANTIMONY	7440-36-0	12	5	mg/kg	U	J
46993	3	5	FT	BH40759AE	ANTIMONY	7440-36-0	12	5	mg/kg	U	J
47093	1	3	FT	BH40771AE	ANTIMONY	7440-36-0	60	3.7	mg/kg	UN	J
47093	3	5	FT	BH40773AE	ANTIMONY	7440-36-0	60	6.2	mg/kg	U	J
47093	5	7	FT	BH40774AE	ANTIMONY	7440-36-0	60	3.4	mg/kg	UN	J
P207589	0	3	FT	SEP0389BR0003	ANTIMONY	7440-36-0	14.1	14.1	mg/kg	U	
P207589	3	9	FT	SEP0389BR0309	ANTIMONY	7440-36-0	12	5	mg/kg	UJ	A
P208889	0	4	FT	SEP1689BR0004	ANTIMONY	7440-36-0	13.1	13.1	mg/kg	U	
P208889	4	10	FT	SEP1689BR0410	ANTIMONY	7440-36-0	12	3.3	mg/kg	UJ	A
P209089	0	3	FT	SEP1889BR0003	ANTIMONY	7440-36-0	13.3	13.3	mg/kg	U	
P209189	0	3	FT	SEP1989BR0003	ANTIMONY	7440-36-0	13.3	13.3	mg/kg	U	
P209489	0	3	FT	SEP2289BR0003	ANTIMONY	7440-36-0	13.3	13.3	mg/kg	U	
P209589	0	4	FT	SEP2389BR0004	ANTIMONY	7440-36-0	12	3.9	mg/kg	UJ	A
P209589	4	10	FT	SEP2389BR0410	ANTIMONY	7440-36-0	12	2.5	mg/kg	UJ	A
P209889	0	4	FT	SEP2689BR0004	ANTIMONY	7440-36-0	12	4.7	mg/kg	UJ	A
P209889	4	10	FT	SEP2689BR0410	ANTIMONY	7440-36-0	12	3.9	mg/kg	UJ	A
P210189	0	3	FT	SEP3089BR0003	ANTIMONY	7440-36-0	15	15	mg/kg	U	
P210189	3	9	FT	SEP3089BR0309	ANTIMONY	7440-36-0	12	11	mg/kg	U	V
P210289	0	3	FT	SEP3189BR0003	ANTIMONY	7440-36-0	15	15	mg/kg	U	
P210289	3	5	FT	SEP3189BR0306	ANTIMONY	7440-36-0	12	2.8	mg/kg	UJ	A
42493	5	7	IN	SS40083AE	ANTIMONY	7440-36-0	50	10.4	mg/kg	UN	J
46593	7	8	IN	SS40140AE	ANTIMONY	7440-36-0	12	10.4	mg/kg	U	J
46993	10	16	IN	SS40144AE	ANTIMONY	7440-36-0	12	5.3	mg/kg	U	J
05093	0	6	FT	BH00061AE	ARSENIC	7440-38-2	2	5.4	mg/kg		V
05193	0	5	FT	BH00066AE	ARSENIC	7440-38-2	3	3.2	mg/kg		V
05393	0	5	FT	BH00076AE	ARSENIC	7440-38-2	2	3.3	mg/kg		V
48195	0	2	FT	BH00101PE	ARSENIC	7440-38-2		7.3	mg/kg	BW	V
48195	2	4	FT	BH00102PE	ARSENIC	7440-38-2		3.5	mg/kg	B	V
48195	4	6	FT	BH00103PE	ARSENIC	7440-38-2		2.2	mg/kg	B	V
48295	0	2	FT	BH00104PE	ARSENIC	7440-38-2		7	mg/kg	B	V
48295	2	4	FT	BH00105PE	ARSENIC	7440-38-2		1.8	mg/kg	W	V
48295	4	6	FT	BH00106PE	ARSENIC	7440-38-2		2.2	mg/kg	BW	V

304

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48395	0	2	FT	BH00107PE	ARSENIC	7440-38-2		3.2	mg/kg	BW	V
48395	2	4	FT	BH00108PE	ARSENIC	7440-38-2		11.8	mg/kg		J
48395	4	5	FT	BH00109PE	ARSENIC	7440-38-2		9.7	mg/kg		J
44593	0	6	FT	BH40001AE	ARSENIC	7440-38-2	2.3	3.7	mg/kg		V
40893	0	7	FT	BH40030AE	ARSENIC	7440-38-2	2.2	2.9	mg/kg	S	V
44393	0	5	FT	BH40033AE	ARSENIC	7440-38-2	2	1.3	mg/kg	BWN	J
41193	0	6	FT	BH40049AE	ARSENIC	7440-38-2	2	4.7	mg/kg	SN	J
41993	0	6	FT	BH40062AE	ARSENIC	7440-38-2	2	10	mg/kg	*	J
43893	0	6	FT	BH40070AE	ARSENIC	7440-38-2	2	5.5	mg/kg	SN	J
40293	0	3	FT	BH40118AE	ARSENIC	7440-38-2	2	5.8	mg/kg		V
40393	0	5	FT	BH40123AE	ARSENIC	7440-38-2	2	5	mg/kg	SN	J
42993	1	6	FT	BH40141AE	ARSENIC	7440-38-2	2	8	mg/kg		V
40793	0	5	FT	BH40157AE	ARSENIC	7440-38-2	3	3.6	mg/kg	N	J
40093	0	6	FT	BH40167AE	ARSENIC	7440-38-2	2	3.7	mg/kg	*	V
44893	0	5	FT	BH40188AE	ARSENIC	7440-38-2	2	5.1	mg/kg	*	V
41293	0	3	FT	BH40196AE	ARSENIC	7440-38-2	3	2.4	mg/kg	N	J
40993	0	5	FT	BH40201AE	ARSENIC	7440-38-2	3	3.5	mg/kg	N	J
41693	0	5	FT	BH40217AE	ARSENIC	7440-38-2	2	5.5	mg/kg		J
41793	0	5	FT	BH40243AE	ARSENIC	7440-38-2	2	5.9	mg/kg		V
42293	1	6	FT	BH40253AE	ARSENIC	7440-38-2	3	4.5	mg/kg		V
42393	0	5	FT	BH40261AE	ARSENIC	7440-38-2	2	2.3	mg/kg		V
43193	0	5	FT	BH40306AE	ARSENIC	7440-38-2	2	9.7	mg/kg		V
43493	0	5	FT	BH40319AE	ARSENIC	7440-38-2	3	2.7	mg/kg		V
43493	5	10	FT	BH40322AE	ARSENIC	7440-38-2	3	4.3	mg/kg	S	V
43793	0	5	FT	BH40332AE	ARSENIC	7440-38-2	3	4.5	mg/kg	N	J
44093	0	6	FT	BH40348AE	ARSENIC	7440-38-2	2	3.8	mg/kg	SN	J
43993	0	5	FT	BH40353AE	ARSENIC	7440-38-2	2	5.3	mg/kg		V
45693	0	6	FT	BH40374AE	ARSENIC	7440-38-2	3	2.6	mg/kg	N	J
45893	0	5	FT	BH40377AE	ARSENIC	7440-38-2	3	4.9	mg/kg		V
46193	0	6	FT	BH40385AE	ARSENIC	7440-38-2	3	5.3	mg/kg		V
40793	0	5	FT	BH40413AE	ARSENIC	7440-38-2	3	3.9	mg/kg	N	J
41593	0	2	FT	BH40417AE	ARSENIC	7440-38-2	3	5.5	mg/kg		V
41593	2	4	FT	BH40418AE	ARSENIC	7440-38-2	3	2.3	mg/kg	B	V
41593	4	6	FT	BH40419AE	ARSENIC	7440-38-2	3	3.2	mg/kg		V
42193	0	2	FT	BH40425AE	ARSENIC	7440-38-2	3	4.4	mg/kg	N	J
42193	0	4	FT	BH40426AE	ARSENIC	7440-38-2	3	2.5	mg/kg	N	J
42193	0	5	FT	BH40427AE	ARSENIC	7440-38-2	3	0.92	mg/kg	BN	J
42493	0	2	FT	BH40438AE	ARSENIC	7440-38-2	3	11.4	mg/kg		V
42493	0	4	FT	BH40439AE	ARSENIC	7440-38-2	3	10.8	mg/kg		V
42493	0	5	FT	BH40440AE	ARSENIC	7440-38-2	3	1.7	mg/kg	B	V
42493	4	8	FT	BH40441AE	ARSENIC	7440-38-2	3	10.8	mg/kg		V
42593	0	2	FT	BH40446AE	ARSENIC	7440-38-2	3	7.1	mg/kg		V
42593	0	4	FT	BH40447AE	ARSENIC	7440-38-2	3	4.4	mg/kg		V
42593	0	5	FT	BH40448AE	ARSENIC	7440-38-2	3	3.7	mg/kg		V
42593	4	8	FT	BH40449AE	ARSENIC	7440-38-2	3	0.65	mg/kg	U	V
42093	0	5	FT	BH40483AE	ARSENIC	7440-38-2	2	5.5	mg/kg	*	V
43393	0	2	FT	BH40510AE	ARSENIC	7440-38-2	3	1.3	mg/kg	BN	J
43393	0	4	FT	BH40511AE	ARSENIC	7440-38-2	3	2.1	mg/kg	BN	J
43393	0	5	FT	BH40512AE	ARSENIC	7440-38-2	3	2.5	mg/kg	N	J
43393	5	8	FT	BH40517AE	ARSENIC	7440-38-2	3	1.4	mg/kg	BN	J
43693	0	2	FT	BH40518AE	ARSENIC	7440-38-2	3	3.8	mg/kg		V
43693	0	4	FT	BH40519AE	ARSENIC	7440-38-2	3	7.2	mg/kg		V
43693	0	5	FT	BH40520AE	ARSENIC	7440-38-2	3	5.5	mg/kg		V
45793	0	4	FT	BH40557AE	ARSENIC	7440-38-2	3	2.1	mg/kg	BN	J
46593	1	3	FT	BH40700AE	ARSENIC	7440-38-2	2	3.2	mg/kg		V
46593	3	5	FT	BH40702AE	ARSENIC	7440-38-2	2	0.62	mg/kg	U	J
46593	5	7	FT	BH40703AE	ARSENIC	7440-38-2	2	8	mg/kg		V
46593	5	9	FT	BH40705AE	ARSENIC	7440-38-2	2	3.1	mg/kg		V
46693	0	2	FT	BH40715AE	ARSENIC	7440-38-2	2	13.3	mg/kg		V
46693	2	4	FT	BH40717AE	ARSENIC	7440-38-2	2	2.6	mg/kg		V
46693	5	7	FT	BH40718AE	ARSENIC	7440-38-2	2	4.3	mg/kg		V
46793	0	2	FT	BH40729AE	ARSENIC	7440-38-2	2	7.5	mg/kg	N	J
46793	2	4	FT	BH40731AE	ARSENIC	7440-38-2	2	1.6	mg/kg	BN	J
46793	4	6	FT	BH40732AE	ARSENIC	7440-38-2	2	1.3	mg/kg	BN	J
46893	0	2	FT	BH40743AE	ARSENIC	7440-38-2	2	5.4	mg/kg		V
46893	2	5	FT	BH40745AE	ARSENIC	7440-38-2	2	5	mg/kg		V
46893	5	7	FT	BH40746AE	ARSENIC	7440-38-2	2	2.1	mg/kg	B	V

305

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46993	1	3	FT	BH40757AE	ARSENIC	7440-38-2	2	7.2	mg/kg		V
46993	3	5	FT	BH40759AE	ARSENIC	7440-38-2	2	2.8	mg/kg		V
47093	1	3	FT	BH40771AE	ARSENIC	7440-38-2	10	9.2	mg/kg	N	J
47093	3	5	FT	BH40773AE	ARSENIC	7440-38-2	10	0.99	mg/kg	BN	J
47093	5	7	FT	BH40774AE	ARSENIC	7440-38-2	10	2.5	mg/kg	N	J
P207589	0	3	FT	SEP0389BR0003	ARSENIC	7440-38-2	2.4	4	mg/kg		
P207589	3	9	FT	SEP0389BR0309	ARSENIC	7440-38-2	2	0.59	mg/kg	UJ	A
P208889	0	4	FT	SEP1689BR0004	ARSENIC	7440-38-2	2.1	2.5	mg/kg		
P208889	4	10	FT	SEP1689BR0410	ARSENIC	7440-38-2	2	2.6	mg/kg		V
P208989	3	9	FT	SEP1789BR0309	ARSENIC	7440-38-2	2	15.5	mg/kg		V
P209089	0	3	FT	SEP1889BR0003	ARSENIC	7440-38-2	2.3	4.1	mg/kg		
P209089	4	9	FT	SEP1889BR0309	ARSENIC	7440-38-2	2	6.8	mg/kg		V
P209189	0	3	FT	SEP1989BR0003	ARSENIC	7440-38-2	2.2	6	mg/kg		
P209189	3	10	FT	SEP1989BR0309	ARSENIC	7440-38-2	2	13.6	mg/kg		A
P209489	0	3	FT	SEP2289BR0003	ARSENIC	7440-38-2	2.1	2.5	mg/kg		
P209489	3	7	FT	SEP2289BR0307	ARSENIC	7440-38-2	2	5	mg/kg		V
P209589	0	4	FT	SEP2389BR0004	ARSENIC	7440-38-2	2	6.4	mg/kg		V
P209589	4	10	FT	SEP2389BR0410	ARSENIC	7440-38-2	2	1.2	mg/kg	UJ	A
P209889	0	4	FT	SEP2689BR0004	ARSENIC	7440-38-2	2	3.6	mg/kg		V
P209889	4	10	FT	SEP2689BR0410	ARSENIC	7440-38-2	2	2.5	mg/kg		V
P210189	0	3	FT	SEP3089BR0003	ARSENIC	7440-38-2	2.5	4.3	mg/kg		
P210189	3	9	FT	SEP3089BR0309	ARSENIC	7440-38-2	2	2.8	mg/kg		A
P210289	0	3	FT	SEP3189BR0003	ARSENIC	7440-38-2	2.5	9.5	mg/kg		
P210289	3	5	FT	SEP3189BR0306	ARSENIC	7440-38-2	2	14.1	mg/kg		V
42493	5	7	IN	SS40083AE	ARSENIC	7440-38-2	3	0.96	mg/kg	B	V
46593	7	8	IN	SS40140AE	ARSENIC	7440-38-2	2	3.2	mg/kg		V
46993	10	16	IN	SS40144AE	ARSENIC	7440-38-2	2	6.9	mg/kg		V
05093	0	6	FT	BH00061AE	BARIUM	7440-39-3	10	55.9	mg/kg		V
05193	0	5	FT	BH00066AE	BARIUM	7440-39-3	10	190	mg/kg		V
05393	0	5	FT	BH00076AE	BARIUM	7440-39-3	10	99.8	mg/kg		V
48195	0	2	FT	BH00101PE	BARIUM	7440-39-3		71.1	mg/kg		V
48195	2	4	FT	BH00102PE	BARIUM	7440-39-3		49.3	mg/kg		V
48195	4	6	FT	BH00103PE	BARIUM	7440-39-3		29.3	mg/kg		V
48295	0	2	FT	BH00104PE	BARIUM	7440-39-3		72.9	mg/kg		V
48295	2	4	FT	BH00105PE	BARIUM	7440-39-3		33	mg/kg		V
48295	4	6	FT	BH00106PE	BARIUM	7440-39-3		25.9	mg/kg	B	V
48395	0	2	FT	BH00107PE	BARIUM	7440-39-3		69.6	mg/kg		V
48395	2	4	FT	BH00108PE	BARIUM	7440-39-3		175	mg/kg		V
48395	4	5	FT	BH00109PE	BARIUM	7440-39-3		139	mg/kg		V
44593	0	6	FT	BH40001AE	BARIUM	7440-39-3	45.4	62	mg/kg		V
40893	0	7	FT	BH40030AE	BARIUM	7440-39-3	43.9	102	mg/kg		V
44393	0	5	FT	BH40033AE	BARIUM	7440-39-3	43	90.1	mg/kg		V
41193	0	6	FT	BH40049AE	BARIUM	7440-39-3	46	62	mg/kg		V
41993	0	6	FT	BH40062AE	BARIUM	7440-39-3	44	68.8	mg/kg		V
43893	0	6	FT	BH40070AE	BARIUM	7440-39-3	48	129	mg/kg		V
40293	0	3	FT	BH40118AE	BARIUM	7440-39-3	48	134	mg/kg		V
40393	0	5	FT	BH40123AE	BARIUM	7440-39-3	47	149	mg/kg		V
42993	1	6	FT	BH40141AE	BARIUM	7440-39-3	47	69.8	mg/kg		V
40793	0	5	FT	BH40157AE	BARIUM	7440-39-3	10	130	mg/kg		V
40093	0	6	FT	BH40167AE	BARIUM	7440-39-3	47	106	mg/kg		V
44893	0	5	FT	BH40188AE	BARIUM	7440-39-3	46	147	mg/kg		V
41293	0	3	FT	BH40196AE	BARIUM	7440-39-3	10	74.1	mg/kg		V
40993	0	5	FT	BH40201AE	BARIUM	7440-39-3	10	114	mg/kg		V
41693	0	5	FT	BH40217AE	BARIUM	7440-39-3	47	92.3	mg/kg		V
41793	0	5	FT	BH40243AE	BARIUM	7440-39-3	44	75.5	mg/kg		V
42293	1	6	FT	BH40253AE	BARIUM	7440-39-3	10	110	mg/kg		V
42393	0	5	FT	BH40261AE	BARIUM	7440-39-3	43	52.2	mg/kg		V
43193	0	5	FT	BH40306AE	BARIUM	7440-39-3	47	143	mg/kg		V
43493	0	5	FT	BH40319AE	BARIUM	7440-39-3	10	130	mg/kg		V
43493	5	10	FT	BH40322AE	BARIUM	7440-39-3	10	140	mg/kg		V
43793	0	5	FT	BH40332AE	BARIUM	7440-39-3	10	87.7	mg/kg		V
44093	0	6	FT	BH40348AE	BARIUM	7440-39-3	48	226	mg/kg		V
43993	0	5	FT	BH40353AE	BARIUM	7440-39-3	47	89.3	mg/kg		V
45693	0	6	FT	BH40374AE	BARIUM	7440-39-3	10	98.4	mg/kg		V
45893	0	5	FT	BH40377AE	BARIUM	7440-39-3	10	77.1	mg/kg		V
46193	0	6	FT	BH40385AE	BARIUM	7440-39-3	10	364	mg/kg	*	J
40793	0	5	FT	BH40413AE	BARIUM	7440-39-3	10	162	mg/kg		V

306

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41593	0	2	FT	BH40417AE	BARIUM	7440-39-3	10	130	mg/kg		V
41593	2	4	FT	BH40418AE	BARIUM	7440-39-3	10	100	mg/kg		V
41593	4	6	FT	BH40419AE	BARIUM	7440-39-3	10	68.8	mg/kg		V
42193	0	2	FT	BH40425AE	BARIUM	7440-39-3	10	63.3	mg/kg		V
42193	0	4	FT	BH40426AE	BARIUM	7440-39-3	10	65.9	mg/kg		V
42193	0	5	FT	BH40427AE	BARIUM	7440-39-3	10	44.5	mg/kg	B	V
42493	0	2	FT	BH40438AE	BARIUM	7440-39-3	10	268	mg/kg	*	J
42493	0	4	FT	BH40439AE	BARIUM	7440-39-3	10	117	mg/kg	*	J
42493	0	5	FT	BH40440AE	BARIUM	7440-39-3	10	49.4	mg/kg	*	J
42493	4	8	FT	BH40441AE	BARIUM	7440-39-3	10	40.3	mg/kg	B*	J
42593	0	2	FT	BH40446AE	BARIUM	7440-39-3	10	73.7	mg/kg		V
42593	0	4	FT	BH40447AE	BARIUM	7440-39-3	10	46.4	mg/kg		V
42593	0	5	FT	BH40448AE	BARIUM	7440-39-3	10	31	mg/kg	B	V
42593	4	8	FT	BH40449AE	BARIUM	7440-39-3	10	16.9	mg/kg	B	V
42093	0	5	FT	BH40483AE	BARIUM	7440-39-3	43	54.4	mg/kg		V
43393	0	2	FT	BH40510AE	BARIUM	7440-39-3	10	87.4	mg/kg		V
43393	0	4	FT	BH40511AE	BARIUM	7440-39-3	10	23.9	mg/kg	B	V
43393	0	5	FT	BH40512AE	BARIUM	7440-39-3	10	26.3	mg/kg	B	V
43393	5	8	FT	BH40517AE	BARIUM	7440-39-3	10	240	mg/kg		V
43693	0	2	FT	BH40518AE	BARIUM	7440-39-3	10	144	mg/kg	*	J
43693	0	4	FT	BH40519AE	BARIUM	7440-39-3	10	88.6	mg/kg	*	J
43693	0	5	FT	BH40520AE	BARIUM	7440-39-3	10	42.7	mg/kg	B*	J
45793	0	4	FT	BH40557AE	BARIUM	7440-39-3	10	52	mg/kg		V
46593	1	3	FT	BH40700AE	BARIUM	7440-39-3	40	67.3	mg/kg		V
46593	3	5	FT	BH40702AE	BARIUM	7440-39-3	40	31.9	mg/kg	B	V
46593	5	7	FT	BH40703AE	BARIUM	7440-39-3	40	32.4	mg/kg	B	V
46593	5	9	FT	BH40705AE	BARIUM	7440-39-3	40	27.2	mg/kg	B	V
46693	0	2	FT	BH40715AE	BARIUM	7440-39-3	40	140	mg/kg		V
46693	2	4	FT	BH40717AE	BARIUM	7440-39-3	40	41.2	mg/kg	B	V
46693	5	7	FT	BH40718AE	BARIUM	7440-39-3	40	37.4	mg/kg	B	V
46793	0	2	FT	BH40729AE	BARIUM	7440-39-3	40	80.1	mg/kg	*	J
46793	2	4	FT	BH40731AE	BARIUM	7440-39-3	40	112	mg/kg	*	J
46793	4	6	FT	BH40732AE	BARIUM	7440-39-3	40	201	mg/kg	*	J
46893	0	2	FT	BH40743AE	BARIUM	7440-39-3	40	120	mg/kg		V
46893	2	5	FT	BH40745AE	BARIUM	7440-39-3	40	93.6	mg/kg		V
46993	1	3	FT	BH40757AE	BARIUM	7440-39-3	40	116	mg/kg		V
46993	3	5	FT	BH40759AE	BARIUM	7440-39-3	40	29.2	mg/kg	B	V
47093	1	3	FT	BH40771AE	BARIUM	7440-39-3	200	103	mg/kg		V
47093	3	5	FT	BH40773AE	BARIUM	7440-39-3	200	76.6	mg/kg		V
47093	5	7	FT	BH40774AE	BARIUM	7440-39-3	200	41.8	mg/kg	B	V
P207589	0	3	FT	SEP0389BR0003	BARIUM	7440-39-3	46.9	193	mg/kg		
P207589	3	9	FT	SEP0389BR0309	BARIUM	7440-39-3	40	155	mg/kg		V
P208889	0	4	FT	SEP1689BR0004	BARIUM	7440-39-3	43.6	131	mg/kg		
P208889	4	10	FT	SEP1689BR0410	BARIUM	7440-39-3	40	11600	mg/kg		V
P208989	3	9	FT	SEP1789BR0309	BARIUM	7440-39-3	40	199	mg/kg		V
P209089	0	3	FT	SEP1889BR0003	BARIUM	7440-39-3	44.4	56.7	mg/kg		
P209089	4	9	FT	SEP1889BR0309	BARIUM	7440-39-3	40	196	mg/kg		A
P209189	0	3	FT	SEP1989BR0003	BARIUM	7440-39-3	44.5	128	mg/kg		
P209189	3	10	FT	SEP1989BR0309	BARIUM	7440-39-3	40	48	mg/kg		V
P209489	0	3	FT	SEP2289BR0003	BARIUM	7440-39-3	44.3	79.3	mg/kg		
P209489	3	7	FT	SEP2289BR0307	BARIUM	7440-39-3	40	76.4	mg/kg		V
P209589	0	4	FT	SEP2389BR0004	BARIUM	7440-39-3	40	97.7	mg/kg		V
P209589	4	10	FT	SEP2389BR0410	BARIUM	7440-39-3	40	26.9	mg/kg	U	V
P209889	0	4	FT	SEP2689BR0004	BARIUM	7440-39-3	40	152	mg/kg		V
P209889	4	10	FT	SEP2689BR0410	BARIUM	7440-39-3	40	55.5	mg/kg		V
P210189	0	3	FT	SEP3089BR0003	BARIUM	7440-39-3	50	228	mg/kg		
P210189	3	9	FT	SEP3089BR0309	BARIUM	7440-39-3	40	82	mg/kg		V
P210289	0	3	FT	SEP3189BR0003	BARIUM	7440-39-3	50.1	136	mg/kg		
P210289	3	5	FT	SEP3189BR0306	BARIUM	7440-39-3	40	145	mg/kg		V
42493	5	7	IN	SS40083AE	BARIUM	7440-39-3	10	37.5	mg/kg	B	V
46593	7	8	IN	SS40140AE	BARIUM	7440-39-3	40	76.2	mg/kg		V
46993	10	16	IN	SS40144AE	BARIUM	7440-39-3	40	74	mg/kg		V
05093	0	6	FT	BH00061AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
05193	0	5	FT	BH00066AE	BERYLLIUM	7440-41-7	5	1.4	mg/kg		V
05393	0	5	FT	BH00076AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
48195	0	2	FT	BH00101PE	BERYLLIUM	7440-41-7	0.27	0.63	mg/kg	B	V
48195	2	4	FT	BH00102PE	BERYLLIUM	7440-41-7	0.27	0.86	mg/kg		V

307

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48195	4	6	FT	BH00103PE	BERYLLIUM	7440-41-7	0.27	0.5	mg/kg	B	V
48295	0	2	FT	BH00104PE	BERYLLIUM	7440-41-7	0.27	0.59	mg/kg	B	V
48295	2	4	FT	BH00105PE	BERYLLIUM	7440-41-7	0.27	0.54	mg/kg	B	V
48295	4	6	FT	BH00106PE	BERYLLIUM	7440-41-7	0.27	0.37	mg/kg	B	V
48395	0	2	FT	BH00107PE	BERYLLIUM	7440-41-7	0.31	0.38	mg/kg	B	V
48395	2	4	FT	BH00108PE	BERYLLIUM	7440-41-7	0.31	1.9	mg/kg		V
48395	4	5	FT	BH00109PE	BERYLLIUM	7440-41-7	0.31	0.78	mg/kg		V
44593	0	6	FT	BH40001AE	BERYLLIUM	7440-41-7	1.1	1.1	mg/kg	U	V
40893	0	7	FT	BH40030AE	BERYLLIUM	7440-41-7	1.1	1.1	mg/kg	U	V
44393	0	5	FT	BH40033AE	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
41193	0	6	FT	BH40049AE	BERYLLIUM	7440-41-7	1	1.2	mg/kg	U	V
41993	0	6	FT	BH40062AE	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
43893	0	6	FT	BH40070AE	BERYLLIUM	7440-41-7	1	1.5	mg/kg		V
40293	0	3	FT	BH40118AE	BERYLLIUM	7440-41-7	1	1.2	mg/kg	U	V
40393	0	5	FT	BH40123AE	BERYLLIUM	7440-41-7	1	1.2	mg/kg	U	V
42993	1	6	FT	BH40141AE	BERYLLIUM	7440-41-7	1	1.2	mg/kg	U	V
40793	0	5	FT	BH40157AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
40093	0	6	FT	BH40167AE	BERYLLIUM	7440-41-7	1	1.2	mg/kg	U	V
44893	0	5	FT	BH40188AE	BERYLLIUM	7440-41-7	1	1.2	mg/kg	U	V
41293	0	3	FT	BH40196AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
40993	0	5	FT	BH40201AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
41693	0	5	FT	BH40217AE	BERYLLIUM	7440-41-7	1	1.2	mg/kg	U	V
41793	0	5	FT	BH40243AE	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
42293	1	6	FT	BH40253AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
42393	0	5	FT	BH40261AE	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
43193	0	5	FT	BH40306AE	BERYLLIUM	7440-41-7	1	1.5	mg/kg		V
43493	0	5	FT	BH40319AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
43493	5	10	FT	BH40322AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
43793	0	5	FT	BH40332AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg		V
44093	0	6	FT	BH40348AE	BERYLLIUM	7440-41-7	1	1.6	mg/kg		V
43993	0	5	FT	BH40353AE	BERYLLIUM	7440-41-7	1	1.2	mg/kg	U	V
45693	0	6	FT	BH40374AE	BERYLLIUM	7440-41-7	5	1.3	mg/kg	U	V
45893	0	5	FT	BH40377AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
46193	0	6	FT	BH40385AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
40793	0	5	FT	BH40413AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
41593	0	2	FT	BH40417AE	BERYLLIUM	7440-41-7	5	2.9	mg/kg	U	V
41593	2	4	FT	BH40418AE	BERYLLIUM	7440-41-7	5	1.3	mg/kg	U	V
41593	4	6	FT	BH40419AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
42193	0	2	FT	BH40425AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
42193	0	4	FT	BH40426AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
42193	0	5	FT	BH40427AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
42493	0	2	FT	BH40438AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
42493	0	4	FT	BH40439AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
42493	0	5	FT	BH40440AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
42493	4	8	FT	BH40441AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
42593	0	2	FT	BH40446AE	BERYLLIUM	7440-41-7	5	2.1	mg/kg		V
42593	0	4	FT	BH40447AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
42593	0	5	FT	BH40448AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
42593	4	8	FT	BH40449AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
42093	0	5	FT	BH40483AE	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
43393	0	2	FT	BH40510AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
43393	0	4	FT	BH40511AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
43393	0	5	FT	BH40512AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
43393	5	8	FT	BH40517AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
43693	0	2	FT	BH40518AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
43693	0	4	FT	BH40519AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
43693	0	5	FT	BH40520AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
45793	0	4	FT	BH40557AE	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
46593	1	3	FT	BH40700AE	BERYLLIUM	7440-41-7	1	0.45	mg/kg	U	J
46593	3	5	FT	BH40702AE	BERYLLIUM	7440-41-7	1	0.32	mg/kg	U	J
46593	5	7	FT	BH40703AE	BERYLLIUM	7440-41-7	1	0.88	mg/kg	U	J
46593	5	9	FT	BH40705AE	BERYLLIUM	7440-41-7	1	0.27	mg/kg	U	J
46693	0	2	FT	BH40715AE	BERYLLIUM	7440-41-7	1	1.9	mg/kg		V
46693	2	4	FT	BH40717AE	BERYLLIUM	7440-41-7	1	0.4	mg/kg	U	J
46693	5	7	FT	BH40718AE	BERYLLIUM	7440-41-7	1	0.45	mg/kg	U	J
46793	0	2	FT	BH40729AE	BERYLLIUM	7440-41-7	1	1.5	mg/kg		V
46793	2	4	FT	BH40731AE	BERYLLIUM	7440-41-7	1	0.66	mg/kg	B	V

308

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46793	4	6	FT	BH40732AE	BERYLLIUM	7440-41-7	1	0.24	mg/kg	U	V
46893	0	2	FT	BH40743AE	BERYLLIUM	7440-41-7	1	0.9	mg/kg	B	V
46893	2	5	FT	BH40745AE	BERYLLIUM	7440-41-7	1	0.4	mg/kg	U	V
46993	1	3	FT	BH40757AE	BERYLLIUM	7440-41-7	1	0.37	mg/kg	U	V
46993	3	5	FT	BH40759AE	BERYLLIUM	7440-41-7	1	0.38	mg/kg	U	V
47093	1	3	FT	BH40771AE	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	J
47093	3	5	FT	BH40773AE	BERYLLIUM	7440-41-7	5	0.42	mg/kg	U	J
47093	5	7	FT	BH40774AE	BERYLLIUM	7440-41-7	5	0.4	mg/kg	U	J
P207589	0	3	FT	SEP0389BR0003	BERYLLIUM	7440-41-7	1.2	2.7	mg/kg		
P207589	3	9	FT	SEP0389BR0309	BERYLLIUM	7440-41-7	1	3.2	mg/kg		A
P208889	0	4	FT	SEP1689BR0004	BERYLLIUM	7440-41-7	1.1	2.7	mg/kg		
P208889	4	10	FT	SEP1689BR0410	BERYLLIUM	7440-41-7	1	2.5	mg/kg		V
P208989	3	9	FT	SEP1789BR0309	BERYLLIUM	7440-41-7	1	2.1	mg/kg		V
P209089	0	3	FT	SEP1889BR0003	BERYLLIUM	7440-41-7	1.1	1.4	mg/kg		
P209089	4	9	FT	SEP1889BR0309	BERYLLIUM	7440-41-7	1	4.2	mg/kg		A
P209189	0	3	FT	SEP1989BR0003	BERYLLIUM	7440-41-7	1.1	4	mg/kg		
P209189	3	10	FT	SEP1989BR0309	BERYLLIUM	7440-41-7	1	4.5	mg/kg		V
P209489	0	3	FT	SEP2289BR0003	BERYLLIUM	7440-41-7	1.1	1.2	mg/kg		
P209489	3	7	FT	SEP2289BR0307	BERYLLIUM	7440-41-7	1	1.3	mg/kg		A
P209589	0	4	FT	SEP2389BR0004	BERYLLIUM	7440-41-7	1	3.5	mg/kg		V
P209589	4	10	FT	SEP2389BR0410	BERYLLIUM	7440-41-7	1	1.4	mg/kg		A
P209889	0	4	FT	SEP2689BR0004	BERYLLIUM	7440-41-7	1	2.9	mg/kg		V
P209889	4	10	FT	SEP2689BR0410	BERYLLIUM	7440-41-7	1	2.1	mg/kg		A
P210189	0	3	FT	SEP3089BR0003	BERYLLIUM	7440-41-7	1.2	1.4	mg/kg		
P210189	3	9	FT	SEP3089BR0309	BERYLLIUM	7440-41-7	1	1.7	mg/kg		V
P210289	0	3	FT	SEP3189BR0003	BERYLLIUM	7440-41-7	1.3	5.6	mg/kg		
P210289	3	5	FT	SEP3189BR0306	BERYLLIUM	7440-41-7	1	5.5	mg/kg		V
42493	5	7	IN	SS40083AE	BERYLLIUM	7440-41-7	5	1	mg/kg	U	V
46593	7	8	IN	SS40140AE	BERYLLIUM	7440-41-7	1	1.4	mg/kg	U	J
46993	10	16	IN	SS40144AE	BERYLLIUM	7440-41-7	1	0.4	mg/kg	U	V
05093	0	6	FT	BH00061AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	J
05193	0	5	FT	BH00066AE	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
05393	0	5	FT	BH00076AE	CADMIUM	7440-43-9	5	2.3	mg/kg		J
48195	0	2	FT	BH00101PE	CADMIUM	7440-43-9	0.41	0.41	mg/kg	U	V
48195	2	4	FT	BH00102PE	CADMIUM	7440-43-9	0.42	0.42	mg/kg	U	V
48195	4	6	FT	BH00103PE	CADMIUM	7440-43-9	0.41	0.41	mg/kg	U	V
48295	0	2	FT	BH00104PE	CADMIUM	7440-43-9	0.45	0.45	mg/kg	U	V
48295	2	4	FT	BH00105PE	CADMIUM	7440-43-9	0.41	0.41	mg/kg	U	V
48295	4	6	FT	BH00106PE	CADMIUM	7440-43-9	0.42	0.42	mg/kg	U	V
48395	0	2	FT	BH00107PE	CADMIUM	7440-43-9	0.45	0.45	mg/kg	U	V
48395	2	4	FT	BH00108PE	CADMIUM	7440-43-9	0.51	0.51	mg/kg	U	V
48395	4	5	FT	BH00109PE	CADMIUM	7440-43-9	0.42	0.42	mg/kg	U	V
44593	0	6	FT	BH40001AE	CADMIUM	7440-43-9	1.1	1.1	mg/kg	U	J
40893	0	7	FT	BH40030AE	CADMIUM	7440-43-9	1.1	1.1	mg/kg	U	J
44393	0	5	FT	BH40033AE	CADMIUM	7440-43-9	1	1.1	mg/kg	U	V
41193	0	6	FT	BH40049AE	CADMIUM	7440-43-9	1	1.2	mg/kg	U	V
41993	0	6	FT	BH40062AE	CADMIUM	7440-43-9	1	1.1	mg/kg	UN	V
43893	0	6	FT	BH40070AE	CADMIUM	7440-43-9	1	1.2	mg/kg	U	V
40293	0	3	FT	BH40118AE	CADMIUM	7440-43-9	1	1.2	mg/kg	U	V
40393	0	5	FT	BH40123AE	CADMIUM	7440-43-9	1	1.2	mg/kg	U	V
42993	1	6	FT	BH40141AE	CADMIUM	7440-43-9	1	1.2	mg/kg	U	V
40793	0	5	FT	BH40157AE	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
40093	0	6	FT	BH40167AE	CADMIUM	7440-43-9	1	1.4	mg/kg	N	J
44893	0	5	FT	BH40188AE	CADMIUM	7440-43-9	1	1.2	mg/kg	UN	V
41293	0	3	FT	BH40196AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
40993	0	5	FT	BH40201AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
41693	0	5	FT	BH40217AE	CADMIUM	7440-43-9	1	27.6	mg/kg	N	J
41793	0	5	FT	BH40243AE	CADMIUM	7440-43-9	1	3.2	mg/kg	N	J
42293	1	6	FT	BH40253AE	CADMIUM	7440-43-9	5	2.1	mg/kg		V
42393	0	5	FT	BH40261AE	CADMIUM	7440-43-9	1	1.1	mg/kg	U	V
43193	0	5	FT	BH40306AE	CADMIUM	7440-43-9	1	1.2	mg/kg	UN	J
43493	0	5	FT	BH40319AE	CADMIUM	7440-43-9	5	1.5	mg/kg		V
43493	5	10	FT	BH40322AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
43793	0	5	FT	BH40332AE	CADMIUM	7440-43-9	5	21.7	mg/kg		V
44093	0	6	FT	BH40348AE	CADMIUM	7440-43-9	1	1.2	mg/kg	U	V
43993	0	5	FT	BH40353AE	CADMIUM	7440-43-9	1	1.2	mg/kg	UN	J
45693	0	6	FT	BH40374AE	CADMIUM	7440-43-9	5	1.3	mg/kg	U	V

309

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
45893	0	5	FT	BH40377AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
46193	0	6	FT	BH40385AE	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
40793	0	5	FT	BH40413AE	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
41593	0	2	FT	BH40417AE	CADMIUM	7440-43-9	5	22.1	mg/kg		V
41593	2	4	FT	BH40418AE	CADMIUM	7440-43-9	5	1.3	mg/kg	U	V
41593	4	6	FT	BH40419AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
42193	0	2	FT	BH40425AE	CADMIUM	7440-43-9	5	5	mg/kg		V
42193	0	4	FT	BH40426AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
42193	0	5	FT	BH40427AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
42493	0	2	FT	BH40438AE	CADMIUM	7440-43-9	5	362	mg/kg		V
42493	0	4	FT	BH40439AE	CADMIUM	7440-43-9	5	547	mg/kg		V
42493	0	5	FT	BH40440AE	CADMIUM	7440-43-9	5	37.5	mg/kg		V
42493	4	8	FT	BH40441AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
42593	0	2	FT	BH40446AE	CADMIUM	7440-43-9	5	4.7	mg/kg		J
42593	0	4	FT	BH40447AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
42593	0	5	FT	BH40448AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
42593	4	8	FT	BH40449AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
42093	0	5	FT	BH40483AE	CADMIUM	7440-43-9	1	1.1	mg/kg	UN	V
43393	0	2	FT	BH40510AE	CADMIUM	7440-43-9	5	3.6	mg/kg		V
43393	0	4	FT	BH40511AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
43393	0	5	FT	BH40512AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
43393	5	8	FT	BH40517AE	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
43693	0	2	FT	BH40518AE	CADMIUM	7440-43-9	5	48.4	mg/kg		V
43693	0	4	FT	BH40519AE	CADMIUM	7440-43-9	5	1.3	mg/kg		J
43693	0	5	FT	BH40520AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
45793	0	4	FT	BH40557AE	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
46593	1	3	FT	BH40700AE	CADMIUM	7440-43-9	1	63.7	mg/kg		V
46593	3	5	FT	BH40702AE	CADMIUM	7440-43-9	1	0.61	mg/kg	U	V
46593	5	7	FT	BH40703AE	CADMIUM	7440-43-9	1	0.67	mg/kg	U	V
46593	5	9	FT	BH40705AE	CADMIUM	7440-43-9	1	0.66	mg/kg	U	V
46693	0	2	FT	BH40715AE	CADMIUM	7440-43-9	1	135	mg/kg		V
46693	2	4	FT	BH40717AE	CADMIUM	7440-43-9	1	5.9	mg/kg		J
46693	5	7	FT	BH40718AE	CADMIUM	7440-43-9	1	3.6	mg/kg	U	J
46793	0	2	FT	BH40729AE	CADMIUM	7440-43-9	1	35.6	mg/kg		V
46793	2	4	FT	BH40731AE	CADMIUM	7440-43-9	1	0.71	mg/kg	U	J
46793	4	6	FT	BH40732AE	CADMIUM	7440-43-9	1	1.1	mg/kg	U	J
46893	0	2	FT	BH40743AE	CADMIUM	7440-43-9	1	0.71	mg/kg	U	V
46893	2	5	FT	BH40745AE	CADMIUM	7440-43-9	1	0.68	mg/kg	U	V
46993	1	3	FT	BH40757AE	CADMIUM	7440-43-9	1	0.64	mg/kg	U	V
46993	3	5	FT	BH40759AE	CADMIUM	7440-43-9	1	1.4	mg/kg		J
47093	1	3	FT	BH40771AE	CADMIUM	7440-43-9	5	0.7	mg/kg	U	V
47093	3	5	FT	BH40773AE	CADMIUM	7440-43-9	5	0.65	mg/kg	U	V
47093	5	7	FT	BH40774AE	CADMIUM	7440-43-9	5	2.3	mg/kg		V
P207589	0	3	FT	SEP0389BR0003	CADMIUM	7440-43-9	1.2	1.2	mg/kg	U	
P208889	0	4	FT	SEP1689BR0004	CADMIUM	7440-43-9	1.1	1.1	mg/kg	U	
P209089	0	3	FT	SEP1889BR0003	CADMIUM	7440-43-9	1.1	11.8	mg/kg		
P209089	4	9	FT	SEP1889BR0309	CADMIUM	7440-43-9	1	60.4	mg/kg		V
P209189	0	3	FT	SEP1989BR0003	CADMIUM	7440-43-9	1.1	1.1	mg/kg	U	
P209189	3	10	FT	SEP1989BR0309	CADMIUM	7440-43-9	1	0.76	mg/kg	U	V
P209489	0	3	FT	SEP2289BR0003	CADMIUM	7440-43-9	1.1	1.1	mg/kg	U	
P209489	3	7	FT	SEP2289BR0307	CADMIUM	7440-43-9	1	0.23	mg/kg	UJ	A
P209589	0	4	FT	SEP2389BR0004	CADMIUM	7440-43-9	1	0.2	mg/kg	UJ	A
P209589	4	10	FT	SEP2389BR0410	CADMIUM	7440-43-9	1	0.49	mg/kg	UJ	A
P209889	0	4	FT	SEP2689BR0004	CADMIUM	7440-43-9	1	0.31	mg/kg	J	A
P210189	0	3	FT	SEP3089BR0003	CADMIUM	7440-43-9	1.2	4.2	mg/kg		
P210189	3	9	FT	SEP3089BR0309	CADMIUM	7440-43-9	1	0.53	mg/kg	J	A
P210289	0	3	FT	SEP3189BR0003	CADMIUM	7440-43-9	1.3	1.3	mg/kg	U	
42493	5	7	IN	SS40083AE	CADMIUM	7440-43-9	5	9.8	mg/kg		V
46593	7	8	IN	SS40140AE	CADMIUM	7440-43-9	1	56.7	mg/kg		J
46993	10	16	IN	SS40144AE	CADMIUM	7440-43-9	1	0.68	mg/kg	U	V
05093	0	6	FT	BH00061AE	CALCIUM	7440-70-2	1000	14500	mg/kg		V
05193	0	5	FT	BH00066AE	CALCIUM	7440-70-2	1000	80800	mg/kg		J
05393	0	5	FT	BH00076AE	CALCIUM	7440-70-2	1000	131000	mg/kg		V
48195	0	2	FT	BH00101PE	CALCIUM	7440-70-2		2700	mg/kg		V
48195	2	4	FT	BH00102PE	CALCIUM	7440-70-2		1690	mg/kg		V
48195	4	6	FT	BH00103PE	CALCIUM	7440-70-2		2160	mg/kg		V
48295	0	2	FT	BH00104PE	CALCIUM	7440-70-2		1760	mg/kg		V

310

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48295	2	4	FT	BH00105PE	CALCIUM	7440-70-2		1120	mg/kg		V
48295	4	6	FT	BH00106PE	CALCIUM	7440-70-2		1090	mg/kg		V
48395	0	2	FT	BH00107PE	CALCIUM	7440-70-2		3390	mg/kg		V
48395	2	4	FT	BH00108PE	CALCIUM	7440-70-2		4320	mg/kg		J
48395	4	5	FT	BH00109PE	CALCIUM	7440-70-2		2360	mg/kg		J
44593	0	6	FT	BH40001AE	CALCIUM	7440-70-2	2267.6	21400	mg/kg		V
40893	0	7	FT	BH40030AE	CALCIUM	7440-70-2	2194.4	91000	mg/kg		V
44393	0	5	FT	BH40033AE	CALCIUM	7440-70-2	1083	24700	mg/kg		V
41193	0	6	FT	BH40049AE	CALCIUM	7440-70-2	1159	7910	mg/kg		V
41993	0	6	FT	BH40062AE	CALCIUM	7440-70-2	1101	2430	mg/kg		V
43893	0	6	FT	BH40070AE	CALCIUM	7440-70-2	1203	4190	mg/kg		V
40293	0	3	FT	BH40118AE	CALCIUM	7440-70-2	2424	4700	mg/kg		V
40393	0	5	FT	BH40123AE	CALCIUM	7440-70-2	1168	4250	mg/kg		V
42993	1	6	FT	BH40141AE	CALCIUM	7440-70-2	2339	11200	mg/kg		V
40793	0	5	FT	BH40157AE	CALCIUM	7440-70-2	1000	21600	mg/kg		V
40093	0	6	FT	BH40167AE	CALCIUM	7440-70-2	1171	10500	mg/kg		V
44893	0	5	FT	BH40188AE	CALCIUM	7440-70-2	1155	6120	mg/kg		V
41293	0	3	FT	BH40196AE	CALCIUM	7440-70-2	1000	47900	mg/kg		V
40993	0	5	FT	BH40201AE	CALCIUM	7440-70-2	1000	22400	mg/kg		V
41693	0	5	FT	BH40217AE	CALCIUM	7440-70-2	1168	19300	mg/kg	E	J
41793	0	5	FT	BH40243AE	CALCIUM	7440-70-2	1099	111000	mg/kg	E	J
42293	1	6	FT	BH40253AE	CALCIUM	7440-70-2	1000	63000	mg/kg	*	J
42393	0	5	FT	BH40261AE	CALCIUM	7440-70-2	2153	2070	mg/kg		V
43193	0	5	FT	BH40306AE	CALCIUM	7440-70-2	1183	35200	mg/kg	E	J
43493	0	5	FT	BH40319AE	CALCIUM	7440-70-2	1000	129000	mg/kg	*	J
43493	5	10	FT	BH40322AE	CALCIUM	7440-70-2	1000	68400	mg/kg	*	J
43793	0	5	FT	BH40332AE	CALCIUM	7440-70-2	1000	8320	mg/kg		V
44093	0	6	FT	BH40348AE	CALCIUM	7440-70-2	1205	57800	mg/kg		V
43993	0	5	FT	BH40353AE	CALCIUM	7440-70-2	1163	102000	mg/kg	E	J
45693	0	6	FT	BH40374AE	CALCIUM	7440-70-2	1000	15100	mg/kg		V
45893	0	5	FT	BH40377AE	CALCIUM	7440-70-2	1000	9880	mg/kg		V
46193	0	6	FT	BH40385AE	CALCIUM	7440-70-2	1000	13500	mg/kg		V
40793	0	5	FT	BH40413AE	CALCIUM	7440-70-2	1000	28100	mg/kg		V
41593	0	2	FT	BH40417AE	CALCIUM	7440-70-2	1000	2650	mg/kg	B*	J
41593	2	4	FT	BH40418AE	CALCIUM	7440-70-2	1000	232000	mg/kg	*	J
41593	4	6	FT	BH40419AE	CALCIUM	7440-70-2	1000	87400	mg/kg	*	J
42193	0	2	FT	BH40425AE	CALCIUM	7440-70-2	1000	840	mg/kg	B	V
42193	0	4	FT	BH40426AE	CALCIUM	7440-70-2	1000	1050	mg/kg	B	V
42193	0	5	FT	BH40427AE	CALCIUM	7440-70-2	1000	2990	mg/kg		V
42493	0	2	FT	BH40438AE	CALCIUM	7440-70-2	1000	107000	mg/kg		V
42493	0	4	FT	BH40439AE	CALCIUM	7440-70-2	1000	171000	mg/kg		V
42493	0	5	FT	BH40440AE	CALCIUM	7440-70-2	1000	24000	mg/kg		V
42493	4	8	FT	BH40441AE	CALCIUM	7440-70-2	1000	1600	mg/kg		V
42593	0	2	FT	BH40446AE	CALCIUM	7440-70-2	1000	2930	mg/kg		V
42593	0	4	FT	BH40447AE	CALCIUM	7440-70-2	1000	1970	mg/kg		V
42593	0	5	FT	BH40448AE	CALCIUM	7440-70-2	1000	25400	mg/kg		V
42593	4	8	FT	BH40449AE	CALCIUM	7440-70-2	1000	1490	mg/kg		V
42093	0	5	FT	BH40483AE	CALCIUM	7440-70-2	1078	5940	mg/kg		V
43393	0	2	FT	BH40510AE	CALCIUM	7440-70-2	1000	58300	mg/kg		V
43393	0	4	FT	BH40511AE	CALCIUM	7440-70-2	1000	3160	mg/kg		V
43393	0	5	FT	BH40512AE	CALCIUM	7440-70-2	1000	177000	mg/kg		V
43393	5	8	FT	BH40517AE	CALCIUM	7440-70-2	1000	3180	mg/kg		V
43693	0	2	FT	BH40518AE	CALCIUM	7440-70-2	1000	73200	mg/kg		V
43693	0	4	FT	BH40519AE	CALCIUM	7440-70-2	1000	175000	mg/kg		V
43693	0	5	FT	BH40520AE	CALCIUM	7440-70-2	1000	3030	mg/kg		V
45793	0	4	FT	BH40557AE	CALCIUM	7440-70-2	1000	138000	mg/kg		V
46593	1	3	FT	BH40700AE	CALCIUM	7440-70-2	1000	33200	mg/kg		V
46593	3	5	FT	BH40702AE	CALCIUM	7440-70-2	1000	17500	mg/kg		V
46593	5	7	FT	BH40703AE	CALCIUM	7440-70-2	1000	2000	mg/kg		V
46593	5	9	FT	BH40705AE	CALCIUM	7440-70-2	1000	2370	mg/kg		V
46693	0	2	FT	BH40715AE	CALCIUM	7440-70-2	1000	749	mg/kg	B	V
46693	2	4	FT	BH40717AE	CALCIUM	7440-70-2	1000	3640	mg/kg		V
46693	5	7	FT	BH40718AE	CALCIUM	7440-70-2	1000	3790	mg/kg		V
46793	0	2	FT	BH40729AE	CALCIUM	7440-70-2	1000	1360	mg/kg	*	J
46793	2	4	FT	BH40731AE	CALCIUM	7440-70-2	1000	193000	mg/kg	*	J
46793	4	6	FT	BH40732AE	CALCIUM	7440-70-2	1000	325000	mg/kg	*	J
46893	0	2	FT	BH40743AE	CALCIUM	7440-70-2	1000	34300	mg/kg		V

34

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46893	2	5	FT	BH40745AE	CALCIUM	7440-70-2	1000	45900	mg/kg		V
46993	1	3	FT	BH40757AE	CALCIUM	7440-70-2	1000	7050	mg/kg		V
46993	3	5	FT	BH40759AE	CALCIUM	7440-70-2	1000	706	mg/kg	B	V
47093	1	3	FT	BH40771AE	CALCIUM	7440-70-2	5000	11300	mg/kg	*	J
47093	3	5	FT	BH40773AE	CALCIUM	7440-70-2	5000	71500	mg/kg	*	J
47093	5	7	FT	BH40774AE	CALCIUM	7440-70-2	5000	913	mg/kg	B*	J
P207589	0	3	FT	SEP0389BR0003	CALCIUM	7440-70-2	11700	115000	mg/kg		
P207589	3	9	FT	SEP0389BR0309	CALCIUM	7440-70-2	2000	93500	mg/kg		A
P208889	0	4	FT	SEP1689BR0004	CALCIUM	7440-70-2	10900	45500	mg/kg		
P208889	4	10	FT	SEP1689BR0410	CALCIUM	7440-70-2	2000	62100	mg/kg		A
P208989	3	9	FT	SEP1789BR0309	CALCIUM	7440-70-2	2000	6770	mg/kg		V
P209089	0	3	FT	SEP1889BR0003	CALCIUM	7440-70-2	1110	24300	mg/kg		
P209089	4	9	FT	SEP1889BR0309	CALCIUM	7440-70-2	2000	80800	mg/kg		V
P209189	0	3	FT	SEP1989BR0003	CALCIUM	7440-70-2	1110	12400	mg/kg		
P209189	3	10	FT	SEP1989BR0309	CALCIUM	7440-70-2	2000	4880	mg/kg		A
P209489	0	3	FT	SEP2289BR0003	CALCIUM	7440-70-2	1110	3150	mg/kg		
P209489	3	7	FT	SEP2289BR0307	CALCIUM	7440-70-2	2000	40000	mg/kg		A
P209589	0	4	FT	SEP2389BR0004	CALCIUM	7440-70-2	2000	2430	mg/kg		A
P209589	4	10	FT	SEP2389BR0410	CALCIUM	7440-70-2	2000	2740	mg/kg		A
P209889	0	4	FT	SEP2689BR0004	CALCIUM	7440-70-2	2000	39400	mg/kg		V
P209889	4	10	FT	SEP2689BR0410	CALCIUM	7440-70-2	2000	6850	mg/kg		V
P210189	0	3	FT	SEP3089BR0003	CALCIUM	7440-70-2	1250	28700	mg/kg		
P210189	3	9	FT	SEP3089BR0309	CALCIUM	7440-70-2	2000	2320	mg/kg		A
P210289	0	3	FT	SEP3189BR0003	CALCIUM	7440-70-2	12500	43800	mg/kg		
P210289	3	5	FT	SEP3189BR0306	CALCIUM	7440-70-2	2000	5870	mg/kg		V
42493	5	7	IN	SS40083AE	CALCIUM	7440-70-2	1000	1320	mg/kg		V
46593	7	8	IN	SS40140AE	CALCIUM	7440-70-2	1000	15600	mg/kg		V
46993	10	16	IN	SS40144AE	CALCIUM	7440-70-2	1000	17700	mg/kg		V
05093	0	6	FT	BH00061AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
05193	0	5	FT	BH00066AE	CESIUM	7440-46-2	500	120	mg/kg	UN	J
05393	0	5	FT	BH00076AE	CESIUM	7440-46-2	500	108	mg/kg	U	J
48195	0	2	FT	BH00101PE	CESIUM	7440-46-2	13.6	13.6	mg/kg	U	V
48195	2	4	FT	BH00102PE	CESIUM	7440-46-2	13.8	13.8	mg/kg	U	V
48195	4	6	FT	BH00103PE	CESIUM	7440-46-2	13.8	13.8	mg/kg	U	V
48295	0	2	FT	BH00104PE	CESIUM	7440-46-2	15.1	15.1	mg/kg	U	V
48295	2	4	FT	BH00105PE	CESIUM	7440-46-2	13.6	13.6	mg/kg	U	V
48295	4	6	FT	BH00106PE	CESIUM	7440-46-2	13.9	13.9	mg/kg	U	V
48395	0	2	FT	BH00107PE	CESIUM	7440-46-2	15.1	15.1	mg/kg	U	V
48395	2	4	FT	BH00108PE	CESIUM	7440-46-2	17.1	17.1	mg/kg	U	V
48395	4	5	FT	BH00109PE	CESIUM	7440-46-2	14.1	14.1	mg/kg	U	V
44593	0	6	FT	BH40001AE	CESIUM	7440-46-2	226.8	113	mg/kg	U	J
40893	0	7	FT	BH40030AE	CESIUM	7440-46-2	219.4	110	mg/kg	U	J
44393	0	5	FT	BH40033AE	CESIUM	7440-46-2	217	108	mg/kg	U	J
41193	0	6	FT	BH40049AE	CESIUM	7440-46-2	232	116	mg/kg	U	J
41993	0	6	FT	BH40062AE	CESIUM	7440-46-2	220	110	mg/kg	U	J
43893	0	6	FT	BH40070AE	CESIUM	7440-46-2	241	120	mg/kg	U	J
40293	0	3	FT	BH40118AE	CESIUM	7440-46-2	242	121	mg/kg	U	J
40393	0	5	FT	BH40123AE	CESIUM	7440-46-2	234	117	mg/kg	U	J
42993	1	6	FT	BH40141AE	CESIUM	7440-46-2	234	118	mg/kg	U	J
40793	0	5	FT	BH40157AE	CESIUM	7440-46-2	500	120	mg/kg	UN	J
40093	0	6	FT	BH40167AE	CESIUM	7440-46-2	234	117	mg/kg	U	J
44893	0	5	FT	BH40188AE	CESIUM	7440-46-2	231	115	mg/kg	U	J
41293	0	3	FT	BH40196AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
40993	0	5	FT	BH40201AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
41693	0	5	FT	BH40217AE	CESIUM	7440-46-2	234	117	mg/kg	U	J
41793	0	5	FT	BH40243AE	CESIUM	7440-46-2	220	110	mg/kg	U	J
42293	1	6	FT	BH40253AE	CESIUM	7440-46-2	500	120	mg/kg	UN	J
42393	0	5	FT	BH40261AE	CESIUM	7440-46-2	215	108	mg/kg	U	J
43193	0	5	FT	BH40306AE	CESIUM	7440-46-2	237	118	mg/kg	U	J
43493	0	5	FT	BH40319AE	CESIUM	7440-46-2	500	120	mg/kg	UN	J
43493	5	10	FT	BH40322AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
43793	0	5	FT	BH40332AE	CESIUM	7440-46-2	500	120	mg/kg	UN	J
44093	0	6	FT	BH40348AE	CESIUM	7440-46-2	241	120	mg/kg	U	J
43993	0	5	FT	BH40353AE	CESIUM	7440-46-2	233	116	mg/kg	U	J
45693	0	6	FT	BH40374AE	CESIUM	7440-46-2	500	130	mg/kg	UN	J
45893	0	5	FT	BH40377AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
46193	0	6	FT	BH40385AE	CESIUM	7440-46-2	500	124	mg/kg	U	J

312

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40793	0	5	FT	BH40413AE	CESIUM	7440-46-2	500	120	mg/kg	UN	J
41593	0	2	FT	BH40417AE	CESIUM	7440-46-2	500	140	mg/kg	UN	J
41593	2	4	FT	BH40418AE	CESIUM	7440-46-2	500	130	mg/kg	UN	J
41593	4	6	FT	BH40419AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
42193	0	2	FT	BH40425AE	CESIUM	7440-46-2	500	120	mg/kg	UN	J
42193	0	4	FT	BH40426AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
42193	0	5	FT	BH40427AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
42493	0	2	FT	BH40438AE	CESIUM	7440-46-2	500	117	mg/kg	U	J
42493	0	4	FT	BH40439AE	CESIUM	7440-46-2	500	111	mg/kg	U	J
42493	0	5	FT	BH40440AE	CESIUM	7440-46-2	500	109	mg/kg	U	J
42493	4	8	FT	BH40441AE	CESIUM	7440-46-2	500	114	mg/kg	U	J
42593	0	2	FT	BH40446AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
42593	0	4	FT	BH40447AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
42593	0	5	FT	BH40448AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
42593	4	8	FT	BH40449AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
42093	0	5	FT	BH40483AE	CESIUM	7440-46-2	216	108	mg/kg	U	J
43393	0	2	FT	BH40510AE	CESIUM	7440-46-2	500	120	mg/kg	UN	J
43393	0	4	FT	BH40511AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
43393	0	5	FT	BH40512AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
43393	5	8	FT	BH40517AE	CESIUM	7440-46-2	500	120	mg/kg	UN	J
43693	0	2	FT	BH40518AE	CESIUM	7440-46-2	500	113	mg/kg	U	J
43693	0	4	FT	BH40519AE	CESIUM	7440-46-2	500	108	mg/kg	U	J
43693	0	5	FT	BH40520AE	CESIUM	7440-46-2	500	107	mg/kg	U	J
45793	0	4	FT	BH40557AE	CESIUM	7440-46-2	500	110	mg/kg	UN	J
46593	1	3	FT	BH40700AE	CESIUM	7440-46-2	200	14.2	mg/kg	U	J
46593	3	5	FT	BH40702AE	CESIUM	7440-46-2	200	12.8	mg/kg	U	J
46593	5	7	FT	BH40703AE	CESIUM	7440-46-2	200	14.1	mg/kg	U	J
46593	5	9	FT	BH40705AE	CESIUM	7440-46-2	200	13.9	mg/kg	U	J
46693	0	2	FT	BH40715AE	CESIUM	7440-46-2	200	15.8	mg/kg	U	J
46693	2	4	FT	BH40717AE	CESIUM	7440-46-2	200	13.9	mg/kg	U	J
46693	5	7	FT	BH40718AE	CESIUM	7440-46-2	200	13.4	mg/kg	U	J
46793	0	2	FT	BH40729AE	CESIUM	7440-46-2	200	14.4	mg/kg	U	J
46793	2	4	FT	BH40731AE	CESIUM	7440-46-2	200	15	mg/kg	U	J
46793	4	6	FT	BH40732AE	CESIUM	7440-46-2	200	15.3	mg/kg	U	J
46893	0	2	FT	BH40743AE	CESIUM	7440-46-2	200	22	mg/kg	U	J
46893	2	5	FT	BH40745AE	CESIUM	7440-46-2	200	24	mg/kg	U	J
46893	5	7	FT	BH40746AE	CESIUM	7440-46-2	200	21.8	mg/kg	U	J
46993	1	3	FT	BH40757AE	CESIUM	7440-46-2	200	21.9	mg/kg	U	J
46993	3	5	FT	BH40759AE	CESIUM	7440-46-2	200	11	mg/kg	U	J
47093	1	3	FT	BH40771AE	CESIUM	7440-46-2	1000	14.6	mg/kg	U	J
47093	3	5	FT	BH40773AE	CESIUM	7440-46-2	1000	13.5	mg/kg	U	J
47093	5	7	FT	BH40774AE	CESIUM	7440-46-2	1000	13.3	mg/kg	U	J
P207589	0	3	FT	SEP0389BR0003	CESIUM	7440-46-2	234	234	mg/kg	U	
P207589	3	9	FT	SEP0389BR0309	CESIUM	7440-46-2	200	229	mg/kg	U	V
P208889	0	4	FT	SEP1689BR0004	CESIUM	7440-46-2	218	218	mg/kg	U	
P208889	4	10	FT	SEP1689BR0410	CESIUM	7440-46-2	200	236	mg/kg	U	V
P208989	3	9	FT	SEP1789BR0309	CESIUM	7440-46-2	200	248	mg/kg	U	V
P209089	0	3	FT	SEP1889BR0003	CESIUM	7440-46-2	222	222	mg/kg	U	
P209089	4	9	FT	SEP1889BR0309	CESIUM	7440-46-2	200	247	mg/kg	U	V
P209189	0	3	FT	SEP1989BR0003	CESIUM	7440-46-2	222	222	mg/kg	U	
P209189	3	10	FT	SEP1989BR0309	CESIUM	7440-46-2	200	231	mg/kg	UJ	A
P209489	0	3	FT	SEP2289BR0003	CESIUM	7440-46-2	222	222	mg/kg	U	
P209489	3	7	FT	SEP2289BR0307	CESIUM	7440-46-2	200	212	mg/kg	U	V
P209589	0	4	FT	SEP2389BR0004	CESIUM	7440-46-2	200	250	mg/kg	U	V
P209589	4	10	FT	SEP2389BR0410	CESIUM	7440-46-2	200	232	mg/kg	U	V
P209889	0	4	FT	SEP2689BR0004	CESIUM	7440-46-2	200	236	mg/kg	U	V
P209889	4	10	FT	SEP2689BR0410	CESIUM	7440-46-2	200	243	mg/kg	U	V
P210189	0	3	FT	SEP3089BR0003	CESIUM	7440-46-2	25	25	mg/kg	U	
P210189	3	9	FT	SEP3089BR0309	CESIUM	7440-46-2	200	219	mg/kg	U	V
P210289	0	3	FT	SEP3189BR0003	CESIUM	7440-46-2	250	250	mg/kg	U	
P210289	3	5	FT	SEP3189BR0306	CESIUM	7440-46-2	200	231	mg/kg	U	V
42493	5	7	IN	SS40083AE	CESIUM	7440-46-2	500	100	mg/kg	UN	J
46593	7	8	IN	SS40140AE	CESIUM	7440-46-2	200	11.7	mg/kg	U	J
46993	10	16	IN	SS40144AE	CESIUM	7440-46-2	200	20	mg/kg	U	J
05093	0	6	FT	BH00061AE	CHROMIUM	7440-47-3	10	9.9	mg/kg		J
05193	0	5	FT	BH00066AE	CHROMIUM	7440-47-3	10	18.1	mg/kg	N	J
05393	0	5	FT	BH00076AE	CHROMIUM	7440-47-3	10	13.7	mg/kg		J

313

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48195	0	2	FT	BH00101PE	CHROMIUM	7440-47-3		56.9	mg/kg		V
48195	2	4	FT	BH00102PE	CHROMIUM	7440-47-3		50.8	mg/kg		V
48195	4	6	FT	BH00103PE	CHROMIUM	7440-47-3		28.4	mg/kg		V
48295	0	2	FT	BH00104PE	CHROMIUM	7440-47-3		25.9	mg/kg		V
48295	2	4	FT	BH00105PE	CHROMIUM	7440-47-3		19.6	mg/kg		V
48295	4	6	FT	BH00106PE	CHROMIUM	7440-47-3		15.5	mg/kg		V
48395	0	2	FT	BH00107PE	CHROMIUM	7440-47-3		26.7	mg/kg		V
48395	2	4	FT	BH00108PE	CHROMIUM	7440-47-3		35.8	mg/kg		J
48395	4	5	FT	BH00109PE	CHROMIUM	7440-47-3		16.8	mg/kg		J
44593	0	6	FT	BH40001AE	CHROMIUM	7440-47-3	2.3	13.7	mg/kg		V
40893	0	7	FT	BH40030AE	CHROMIUM	7440-47-3	2.2	11.2	mg/kg		V
44393	0	5	FT	BH40033AE	CHROMIUM	7440-47-3	2	7.4	mg/kg	*	V
41193	0	6	FT	BH40049AE	CHROMIUM	7440-47-3	2	10.7	mg/kg	*	V
41993	0	6	FT	BH40062AE	CHROMIUM	7440-47-3	2	26.5	mg/kg		V
43893	0	6	FT	BH40070AE	CHROMIUM	7440-47-3	2	25.2	mg/kg	*	V
40293	0	3	FT	BH40118AE	CHROMIUM	7440-47-3	2	11.4	mg/kg		V
40393	0	5	FT	BH40123AE	CHROMIUM	7440-47-3	2	10	mg/kg	*	V
42993	1	6	FT	BH40141AE	CHROMIUM	7440-47-3	2	14.1	mg/kg		V
40793	0	5	FT	BH40157AE	CHROMIUM	7440-47-3	10	8.9	mg/kg		V
40093	0	6	FT	BH40167AE	CHROMIUM	7440-47-3	2	8.5	mg/kg		V
44893	0	5	FT	BH40188AE	CHROMIUM	7440-47-3	2	19.2	mg/kg		V
41293	0	3	FT	BH40196AE	CHROMIUM	7440-47-3	10	11.3	mg/kg		V
40993	0	5	FT	BH40201AE	CHROMIUM	7440-47-3	10	9.3	mg/kg		V
41693	0	5	FT	BH40217AE	CHROMIUM	7440-47-3	2	18.4	mg/kg	N	J
41793	0	5	FT	BH40243AE	CHROMIUM	7440-47-3	2	14.5	mg/kg	N	J
42293	1	6	FT	BH40253AE	CHROMIUM	7440-47-3	10	20.1	mg/kg	N	J
42393	0	5	FT	BH40261AE	CHROMIUM	7440-47-3	2	8.5	mg/kg		V
43193	0	5	FT	BH40306AE	CHROMIUM	7440-47-3	2	29	mg/kg	N	J
43493	0	5	FT	BH40319AE	CHROMIUM	7440-47-3	10	17.2	mg/kg	N	J
43493	5	10	FT	BH40322AE	CHROMIUM	7440-47-3	10	16.7	mg/kg	N	J
43793	0	5	FT	BH40332AE	CHROMIUM	7440-47-3	10	18.4	mg/kg		V
44093	0	6	FT	BH40348AE	CHROMIUM	7440-47-3	2	17.2	mg/kg	*	V
43993	0	5	FT	BH40353AE	CHROMIUM	7440-47-3	2	11	mg/kg	N	J
45693	0	6	FT	BH40374AE	CHROMIUM	7440-47-3	10	20	mg/kg		V
45893	0	5	FT	BH40377AE	CHROMIUM	7440-47-3	10	9.9	mg/kg		V
46193	0	6	FT	BH40385AE	CHROMIUM	7440-47-3	10	21.9	mg/kg		V
40793	0	5	FT	BH40413AE	CHROMIUM	7440-47-3	10	14.7	mg/kg		V
41593	0	2	FT	BH40417AE	CHROMIUM	7440-47-3	10	47.2	mg/kg	N	J
41593	2	4	FT	BH40418AE	CHROMIUM	7440-47-3	10	8.9	mg/kg	N	J
41593	4	6	FT	BH40419AE	CHROMIUM	7440-47-3	10	7	mg/kg	N	J
42193	0	2	FT	BH40425AE	CHROMIUM	7440-47-3	10	23.1	mg/kg		V
42193	0	4	FT	BH40426AE	CHROMIUM	7440-47-3	10	31.8	mg/kg		V
42193	0	5	FT	BH40427AE	CHROMIUM	7440-47-3	10	15.5	mg/kg		V
42493	0	2	FT	BH40438AE	CHROMIUM	7440-47-3	10	14.1	mg/kg		V
42493	0	4	FT	BH40439AE	CHROMIUM	7440-47-3	10	10.1	mg/kg		V
42493	0	5	FT	BH40440AE	CHROMIUM	7440-47-3	10	11.8	mg/kg		V
42493	4	8	FT	BH40441AE	CHROMIUM	7440-47-3	10	7.2	mg/kg		V
42593	0	2	FT	BH40446AE	CHROMIUM	7440-47-3	10	32.2	mg/kg		V
42593	0	4	FT	BH40447AE	CHROMIUM	7440-47-3	10	15.3	mg/kg		V
42593	0	5	FT	BH40448AE	CHROMIUM	7440-47-3	10	11.8	mg/kg		V
42593	4	8	FT	BH40449AE	CHROMIUM	7440-47-3	10	8.7	mg/kg		V
42093	0	5	FT	BH40483AE	CHROMIUM	7440-47-3	2	8.2	mg/kg		V
43393	0	2	FT	BH40510AE	CHROMIUM	7440-47-3	10	36.1	mg/kg		V
43393	0	4	FT	BH40511AE	CHROMIUM	7440-47-3	10	10.2	mg/kg		V
43393	0	5	FT	BH40512AE	CHROMIUM	7440-47-3	10	14.9	mg/kg		V
43393	5	8	FT	BH40517AE	CHROMIUM	7440-47-3	10	19.5	mg/kg		V
43693	0	2	FT	BH40518AE	CHROMIUM	7440-47-3	10	43.6	mg/kg		V
43693	0	4	FT	BH40519AE	CHROMIUM	7440-47-3	10	17.2	mg/kg		V
43693	0	5	FT	BH40520AE	CHROMIUM	7440-47-3	10	11.1	mg/kg		V
45793	0	4	FT	BH40557AE	CHROMIUM	7440-47-3	10	4.6	mg/kg		J
46593	1	3	FT	BH40700AE	CHROMIUM	7440-47-3	2	10.2	mg/kg		V
46593	3	5	FT	BH40702AE	CHROMIUM	7440-47-3	2	6.3	mg/kg		V
46593	5	7	FT	BH40703AE	CHROMIUM	7440-47-3	2	11.2	mg/kg		V
46593	5	9	FT	BH40705AE	CHROMIUM	7440-47-3	2	7.9	mg/kg		V
46693	0	2	FT	BH40715AE	CHROMIUM	7440-47-3	2	31.2	mg/kg		V
46693	2	4	FT	BH40717AE	CHROMIUM	7440-47-3	2	12	mg/kg		V
46693	5	7	FT	BH40718AE	CHROMIUM	7440-47-3	2	15.4	mg/kg		V

314

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46793	0	2	FT	BH40729AE	CHROMIUM	7440-47-3	2	20.2	mg/kg		V
46793	2	4	FT	BH40731AE	CHROMIUM	7440-47-3	2	9.6	mg/kg		V
46793	4	6	FT	BH40732AE	CHROMIUM	7440-47-3	2	3.8	mg/kg		V
46893	0	2	FT	BH40743AE	CHROMIUM	7440-47-3	2	12.8	mg/kg		V
46893	2	5	FT	BH40745AE	CHROMIUM	7440-47-3	2	8.9	mg/kg		V
46993	1	3	FT	BH40757AE	CHROMIUM	7440-47-3	2	14	mg/kg		V
46993	3	5	FT	BH40759AE	CHROMIUM	7440-47-3	2	10.5	mg/kg		V
47093	1	3	FT	BH40771AE	CHROMIUM	7440-47-3	10	13.7	mg/kg		V
47093	3	5	FT	BH40773AE	CHROMIUM	7440-47-3	10	6.4	mg/kg		V
47093	5	7	FT	BH40774AE	CHROMIUM	7440-47-3	10	8.7	mg/kg		V
P207589	0	3	FT	SEP0389BR0003	CHROMIUM	7440-47-3	2.3	8.9	mg/kg		
P207589	3	9	FT	SEP0389BR0309	CHROMIUM	7440-47-3	2	11.3	mg/kg		A
P208889	0	4	FT	SEP1689BR0004	CHROMIUM	7440-47-3	2.2	8.2	mg/kg		
P208889	4	10	FT	SEP1689BR0410	CHROMIUM	7440-47-3	2	6.1	mg/kg		A
P208989	3	9	FT	SEP1789BR0309	CHROMIUM	7440-47-3	2	8.8	mg/kg		V
P209089	0	3	FT	SEP1889BR0003	CHROMIUM	7440-47-3	2.2	7	mg/kg		
P209089	4	9	FT	SEP1889BR0309	CHROMIUM	7440-47-3	2	15	mg/kg		A
P209189	0	3	FT	SEP1989BR0003	CHROMIUM	7440-47-3	2.2	14.6	mg/kg		
P209189	3	10	FT	SEP1989BR0309	CHROMIUM	7440-47-3	2	14.5	mg/kg		V
P209489	0	3	FT	SEP2289BR0003	CHROMIUM	7440-47-3	2.2	6.9	mg/kg		
P209489	3	7	FT	SEP2289BR0307	CHROMIUM	7440-47-3	2	6.2	mg/kg		A
P209589	0	4	FT	SEP2389BR0004	CHROMIUM	7440-47-3	2	10.4	mg/kg		V
P209589	4	10	FT	SEP2389BR0410	CHROMIUM	7440-47-3	2	4.9	mg/kg		A
P209889	0	4	FT	SEP2689BR0004	CHROMIUM	7440-47-3	2	9.9	mg/kg		V
P209889	4	10	FT	SEP2689BR0410	CHROMIUM	7440-47-3	2	7.3	mg/kg		V
P210189	0	3	FT	SEP3089BR0003	CHROMIUM	7440-47-3	2.5	23.5	mg/kg		
P210189	3	9	FT	SEP3089BR0309	CHROMIUM	7440-47-3	2	19.4	mg/kg		V
P210289	0	3	FT	SEP3189BR0003	CHROMIUM	7440-47-3	2.5	19.8	mg/kg		
P210289	3	5	FT	SEP3189BR0306	CHROMIUM	7440-47-3	2	18.1	mg/kg		V
42493	5	7	IN	SS40083AE	CHROMIUM	7440-47-3	10	10.7	mg/kg		V
46593	7	8	IN	SS40140AE	CHROMIUM	7440-47-3	2	13.5	mg/kg		V
46993	10	16	IN	SS40144AE	CHROMIUM	7440-47-3	2	13.4	mg/kg		V
05093	0	6	FT	BH00061AE	COBALT	7440-48-4	10	3.8	mg/kg	B	V
05193	0	5	FT	BH00066AE	COBALT	7440-48-4	10	6.9	mg/kg	B	V
05393	0	5	FT	BH00076AE	COBALT	7440-48-4	10	4.7	mg/kg	B	V
48195	0	2	FT	BH00101PE	COBALT	7440-48-4		5.9	mg/kg	B	V
48195	2	4	FT	BH00102PE	COBALT	7440-48-4		7.1	mg/kg		V
48195	4	6	FT	BH00103PE	COBALT	7440-48-4		5.6	mg/kg	B	V
48295	0	2	FT	BH00104PE	COBALT	7440-48-4		5.1	mg/kg	B	V
48295	2	4	FT	BH00105PE	COBALT	7440-48-4		3.2	mg/kg	B	V
48295	4	6	FT	BH00106PE	COBALT	7440-48-4		2.6	mg/kg	B	V
48395	0	2	FT	BH00107PE	COBALT	7440-48-4		4.1	mg/kg	B	V
48395	2	4	FT	BH00108PE	COBALT	7440-48-4		11	mg/kg		J
48395	4	5	FT	BH00109PE	COBALT	7440-48-4		8.8	mg/kg		J
44593	0	6	FT	BH40001AE	COBALT	7440-48-4	11.3	4.3	mg/kg	B	V
40893	0	7	FT	BH40030AE	COBALT	7440-48-4	11	5.4	mg/kg	B	V
44393	0	5	FT	BH40033AE	COBALT	7440-48-4	11	6.3	mg/kg	B	V
41193	0	6	FT	BH40049AE	COBALT	7440-48-4	12	5.6	mg/kg	B	V
41993	0	6	FT	BH40062AE	COBALT	7440-48-4	11	6.5	mg/kg	B	V
43893	0	6	FT	BH40070AE	COBALT	7440-48-4	12	10.9	mg/kg	B	V
40293	0	3	FT	BH40118AE	COBALT	7440-48-4	12	7.1	mg/kg	B	V
40393	0	5	FT	BH40123AE	COBALT	7440-48-4	12	7.4	mg/kg	B	V
42993	1	6	FT	BH40141AE	COBALT	7440-48-4	12	5.5	mg/kg	B	V
40793	0	5	FT	BH40157AE	COBALT	7440-48-4	10	5.7	mg/kg	B	V
40093	0	6	FT	BH40167AE	COBALT	7440-48-4	12	2.8	mg/kg	B	V
44893	0	5	FT	BH40188AE	COBALT	7440-48-4	12	8	mg/kg	B	V
41293	0	3	FT	BH40196AE	COBALT	7440-48-4	10	6.4	mg/kg	B	V
40993	0	5	FT	BH40201AE	COBALT	7440-48-4	10	6.3	mg/kg	B	V
41693	0	5	FT	BH40217AE	COBALT	7440-48-4	12	5.3	mg/kg	B	V
41793	0	5	FT	BH40243AE	COBALT	7440-48-4	11	3.8	mg/kg	B	V
42293	1	6	FT	BH40253AE	COBALT	7440-48-4	10	8.3	mg/kg	B	V
42393	0	5	FT	BH40261AE	COBALT	7440-48-4	11	3.8	mg/kg	B	V
43193	0	5	FT	BH40306AE	COBALT	7440-48-4	12	7	mg/kg	B	V
43493	0	5	FT	BH40319AE	COBALT	7440-48-4	10	5.6	mg/kg	B	V
43493	5	10	FT	BH40322AE	COBALT	7440-48-4	10	6.8	mg/kg	B	V
43793	0	5	FT	BH40332AE	COBALT	7440-48-4	10	3.7	mg/kg	B	V
44093	0	6	FT	BH40348AE	COBALT	7440-48-4	12	6.3	mg/kg	B	V

315

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43993	0	5	FT	BH40353AE	COBALT	7440-48-4	12	4.2	mg/kg	B	V
45693	0	6	FT	BH40374AE	COBALT	7440-48-4	10	7.8	mg/kg	B	V
45893	0	5	FT	BH40377AE	COBALT	7440-48-4	10	6	mg/kg	B	V
46193	0	6	FT	BH40385AE	COBALT	7440-48-4	10	9.5	mg/kg	B	V
40793	0	5	FT	BH40413AE	COBALT	7440-48-4	10	7	mg/kg	B	V
41593	0	2	FT	BH40417AE	COBALT	7440-48-4	10	9.9	mg/kg	B	V
41593	2	4	FT	BH40418AE	COBALT	7440-48-4	10	3.3	mg/kg	B	V
41593	4	6	FT	BH40419AE	COBALT	7440-48-4	10	3.2	mg/kg	B	V
42193	0	2	FT	BH40425AE	COBALT	7440-48-4	10	7.2	mg/kg	B	V
42193	0	4	FT	BH40426AE	COBALT	7440-48-4	10	9.4	mg/kg	B	V
42193	0	5	FT	BH40427AE	COBALT	7440-48-4	10	3.8	mg/kg	B	V
42493	0	2	FT	BH40438AE	COBALT	7440-48-4	10	36.2	mg/kg		V
42493	0	4	FT	BH40439AE	COBALT	7440-48-4	10	9.5	mg/kg	B	V
42493	0	5	FT	BH40440AE	COBALT	7440-48-4	10	6.8	mg/kg	B	V
42493	4	8	FT	BH40441AE	COBALT	7440-48-4	10	5.8	mg/kg	B	V
42593	0	2	FT	BH40446AE	COBALT	7440-48-4	10	9.6	mg/kg	B	V
42593	0	4	FT	BH40447AE	COBALT	7440-48-4	10	5.4	mg/kg	B	V
42593	0	5	FT	BH40448AE	COBALT	7440-48-4	10	3.7	mg/kg	B	V
42593	4	8	FT	BH40449AE	COBALT	7440-48-4	10	3.1	mg/kg	B	V
42093	0	5	FT	BH40483AE	COBALT	7440-48-4	11	3.2	mg/kg	B	V
43393	0	2	FT	BH40510AE	COBALT	7440-48-4	10	4.3	mg/kg	B	V
43393	0	4	FT	BH40511AE	COBALT	7440-48-4	10	2.3	mg/kg	B	V
43393	0	5	FT	BH40512AE	COBALT	7440-48-4	10	2.5	mg/kg	B	V
43393	5	8	FT	BH40517AE	COBALT	7440-48-4	10	3.6	mg/kg	B	V
43693	0	2	FT	BH40518AE	COBALT	7440-48-4	10	13.8	mg/kg		V
43693	0	4	FT	BH40519AE	COBALT	7440-48-4	10	2.9	mg/kg	B	V
43693	0	5	FT	BH40520AE	COBALT	7440-48-4	10	3.2	mg/kg	B	V
45793	0	4	FT	BH40557AE	COBALT	7440-48-4	10	4.1	mg/kg	B	V
46593	1	3	FT	BH40700AE	COBALT	7440-48-4	10	3.1	mg/kg	U	J
46593	3	5	FT	BH40702AE	COBALT	7440-48-4	10	1.9	mg/kg	U	J
46593	5	7	FT	BH40703AE	COBALT	7440-48-4	10	6	mg/kg	B	V
46593	5	9	FT	BH40705AE	COBALT	7440-48-4	10	3.5	mg/kg	U	J
46693	0	2	FT	BH40715AE	COBALT	7440-48-4	10	15.4	mg/kg		J
46693	2	4	FT	BH40717AE	COBALT	7440-48-4	10	3.5	mg/kg	U	J
46693	5	7	FT	BH40718AE	COBALT	7440-48-4	10	4.2	mg/kg	U	J
46793	0	2	FT	BH40729AE	COBALT	7440-48-4	10	14.3	mg/kg		V
46793	2	4	FT	BH40731AE	COBALT	7440-48-4	10	3.5	mg/kg	B	J
46793	4	6	FT	BH40732AE	COBALT	7440-48-4	10	1.2	mg/kg	B	J
46893	0	2	FT	BH40743AE	COBALT	7440-48-4	10	8.5	mg/kg	B	V
46893	2	5	FT	BH40745AE	COBALT	7440-48-4	10	5	mg/kg	B	V
46993	1	3	FT	BH40757AE	COBALT	7440-48-4	10	8.2	mg/kg	B	V
46993	3	5	FT	BH40759AE	COBALT	7440-48-4	10	4.5	mg/kg	B	V
47093	1	3	FT	BH40771AE	COBALT	7440-48-4	50	9.3	mg/kg	B	V
47093	3	5	FT	BH40773AE	COBALT	7440-48-4	50	1.9	mg/kg	B	J
47093	5	7	FT	BH40774AE	COBALT	7440-48-4	50	4.6	mg/kg	B	V
P207589	0	3	FT	SEP0389BR0003	COBALT	7440-48-4	11.7	11.7	mg/kg	U	
P207589	3	9	FT	SEP0389BR0309	COBALT	7440-48-4	10	3.6	mg/kg	J	A
P208889	0	4	FT	SEP1689BR0004	COBALT	7440-48-4	10.9	10.9	mg/kg	U	
P208889	4	10	FT	SEP1689BR0410	COBALT	7440-48-4	10	14	mg/kg		A
P208989	3	9	FT	SEP1789BR0309	COBALT	7440-48-4	10	17.3	mg/kg		A
P209089	0	3	FT	SEP1889BR0003	COBALT	7440-48-4	11.1	11.1	mg/kg	U	
P209089	4	9	FT	SEP1889BR0309	COBALT	7440-48-4	10	7.8	mg/kg	J	A
P209189	0	3	FT	SEP1989BR0003	COBALT	7440-48-4	11.1	11.1	mg/kg	U	
P209189	3	10	FT	SEP1989BR0309	COBALT	7440-48-4	10	7.2	mg/kg	U	V
P209489	0	3	FT	SEP2289BR0003	COBALT	7440-48-4	11.1	11.1	mg/kg	U	
P209489	3	7	FT	SEP2289BR0307	COBALT	7440-48-4	10	4.2	mg/kg	J	A
P209589	0	4	FT	SEP2389BR0004	COBALT	7440-48-4	10	7.4	mg/kg	J	A
P209589	4	10	FT	SEP2389BR0410	COBALT	7440-48-4	10	4.3	mg/kg	J	A
P209889	0	4	FT	SEP2689BR0004	COBALT	7440-48-4	10	7.8	mg/kg	J	A
P209889	4	10	FT	SEP2689BR0410	COBALT	7440-48-4	10	5.3	mg/kg	J	A
P210189	0	3	FT	SEP3089BR0003	COBALT	7440-48-4	12.5	12.5	mg/kg	U	
P210189	3	9	FT	SEP3089BR0309	COBALT	7440-48-4	10	3.6	mg/kg	B	V
P210289	0	3	FT	SEP3189BR0003	COBALT	7440-48-4	12.5	12.5	mg/kg	U	
P210289	3	5	FT	SEP3189BR0306	COBALT	7440-48-4	10	9.8	mg/kg	J	A
42493	5	7	IN	SS40083AE	COBALT	7440-48-4	10	4.8	mg/kg	B	V
46593	7	8	IN	SS40140AE	COBALT	7440-48-4	10	3.8	mg/kg	B	V
46993	10	16	IN	SS40144AE	COBALT	7440-48-4	10	8.5	mg/kg	B	V

316

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05093	0	6	FT	BH00061AE	COPPER	7440-50-8	10	8.3	mg/kg		V
05193	0	5	FT	BH00066AE	COPPER	7440-50-8	10	14.9	mg/kg		V
05393	0	5	FT	BH00076AE	COPPER	7440-50-8	10	10	mg/kg		J
48195	0	2	FT	BH00101PE	COPPER	7440-50-8		14.6	mg/kg		V
48195	2	4	FT	BH00102PE	COPPER	7440-50-8		12.2	mg/kg		V
48195	4	6	FT	BH00103PE	COPPER	7440-50-8		12.8	mg/kg		V
48295	0	2	FT	BH00104PE	COPPER	7440-50-8		11	mg/kg		V
48295	2	4	FT	BH00105PE	COPPER	7440-50-8		8.4	mg/kg		V
48295	4	6	FT	BH00106PE	COPPER	7440-50-8		7.8	mg/kg		V
48395	0	2	FT	BH00107PE	COPPER	7440-50-8		11	mg/kg		V
48395	2	4	FT	BH00108PE	COPPER	7440-50-8		20.1	mg/kg		V
48395	4	5	FT	BH00109PE	COPPER	7440-50-8		13.6	mg/kg		V
44593	0	6	FT	BH40001AE	COPPER	7440-50-8	5.7	5.7	mg/kg		V
40893	0	7	FT	BH40030AE	COPPER	7440-50-8	5.5	6.9	mg/kg		V
44393	0	5	FT	BH40033AE	COPPER	7440-50-8	5	8.5	mg/kg		V
41193	0	6	FT	BH40049AE	COPPER	7440-50-8	6	4.8	mg/kg	B	V
41993	0	6	FT	BH40062AE	COPPER	7440-50-8	6	11.7	mg/kg		V
43893	0	6	FT	BH40070AE	COPPER	7440-50-8	6	7.6	mg/kg		V
40293	0	3	FT	BH40118AE	COPPER	7440-50-8	6	15.7	mg/kg		V
40393	0	5	FT	BH40123AE	COPPER	7440-50-8	6	13.7	mg/kg		V
42993	1	6	FT	BH40141AE	COPPER	7440-50-8	6	6.4	mg/kg		V
40793	0	5	FT	BH40157AE	COPPER	7440-50-8	10	5.9	mg/kg	B	J
40093	0	6	FT	BH40167AE	COPPER	7440-50-8	6	14.7	mg/kg		V
44893	0	5	FT	BH40188AE	COPPER	7440-50-8	6	16.4	mg/kg		V
41293	0	3	FT	BH40196AE	COPPER	7440-50-8	10	2.7	mg/kg	B	J
40993	0	5	FT	BH40201AE	COPPER	7440-50-8	10	6.6	mg/kg		J
41693	0	5	FT	BH40217AE	COPPER	7440-50-8	6	25.7	mg/kg		V
41793	0	5	FT	BH40243AE	COPPER	7440-50-8	5	5.5	mg/kg	B	V
42293	1	6	FT	BH40253AE	COPPER	7440-50-8	10	12.4	mg/kg		V
42393	0	5	FT	BH40261AE	COPPER	7440-50-8	5	13.1	mg/kg		V
43193	0	5	FT	BH40306AE	COPPER	7440-50-8	6	11.6	mg/kg		V
43493	0	5	FT	BH40319AE	COPPER	7440-50-8	10	9.3	mg/kg		V
43493	5	10	FT	BH40322AE	COPPER	7440-50-8	10	8.8	mg/kg		V
43793	0	5	FT	BH40332AE	COPPER	7440-50-8	10	26.9	mg/kg		J
44093	0	6	FT	BH40348AE	COPPER	7440-50-8	6	10.3	mg/kg		V
43993	0	5	FT	BH40353AE	COPPER	7440-50-8	6	5.1	mg/kg	B	V
45693	0	6	FT	BH40374AE	COPPER	7440-50-8	10	21.9	mg/kg	*	V
45893	0	5	FT	BH40377AE	COPPER	7440-50-8	10	9.4	mg/kg		V
46193	0	6	FT	BH40385AE	COPPER	7440-50-8	10	18.1	mg/kg		V
40793	0	5	FT	BH40413AE	COPPER	7440-50-8	10	7.9	mg/kg		J
41593	0	2	FT	BH40417AE	COPPER	7440-50-8	10	23.3	mg/kg		V
41593	2	4	FT	BH40418AE	COPPER	7440-50-8	10	4.1	mg/kg	B	V
41593	4	6	FT	BH40419AE	COPPER	7440-50-8	10	7.9	mg/kg		V
42193	0	2	FT	BH40425AE	COPPER	7440-50-8	10	19.1	mg/kg	*	V
42193	0	4	FT	BH40426AE	COPPER	7440-50-8	10	13.1	mg/kg	*	V
42193	0	5	FT	BH40427AE	COPPER	7440-50-8	10	3.3	mg/kg	B*	V
42493	0	2	FT	BH40438AE	COPPER	7440-50-8	10	41.6	mg/kg		V
42493	0	4	FT	BH40439AE	COPPER	7440-50-8	10	19	mg/kg		V
42493	0	5	FT	BH40440AE	COPPER	7440-50-8	10	8.1	mg/kg		V
42493	4	8	FT	BH40441AE	COPPER	7440-50-8	10	16.7	mg/kg		V
42593	0	2	FT	BH40446AE	COPPER	7440-50-8	10	9.8	mg/kg		V
42593	0	4	FT	BH40447AE	COPPER	7440-50-8	10	5.2	mg/kg	B	V
42593	0	5	FT	BH40448AE	COPPER	7440-50-8	10	4.8	mg/kg	B	V
42593	4	8	FT	BH40449AE	COPPER	7440-50-8	10	2.2	mg/kg	B	V
42093	0	5	FT	BH40483AE	COPPER	7440-50-8	5	10.4	mg/kg		V
43393	0	2	FT	BH40510AE	COPPER	7440-50-8	10	12.4	mg/kg	*	V
43393	0	4	FT	BH40511AE	COPPER	7440-50-8	10	5.9	mg/kg	*	V
43393	0	5	FT	BH40512AE	COPPER	7440-50-8	10	5.8	mg/kg	*	V
43393	5	8	FT	BH40517AE	COPPER	7440-50-8	10	12.1	mg/kg	*	V
43693	0	2	FT	BH40518AE	COPPER	7440-50-8	10	46.9	mg/kg		V
43693	0	4	FT	BH40519AE	COPPER	7440-50-8	10	9.4	mg/kg		V
43693	0	5	FT	BH40520AE	COPPER	7440-50-8	10	5	mg/kg	B	V
45793	0	4	FT	BH40557AE	COPPER	7440-50-8	10	6.3	mg/kg	*	V
46593	1	3	FT	BH40700AE	COPPER	7440-50-8	5	10.1	mg/kg		V
46593	3	5	FT	BH40702AE	COPPER	7440-50-8	5	3.3	mg/kg	B	V
46593	5	7	FT	BH40703AE	COPPER	7440-50-8	5	15	mg/kg		V
46593	5	9	FT	BH40705AE	COPPER	7440-50-8	5	6.1	mg/kg		V

317

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46693	0	2	FT	BH40715AE	COPPER	7440-50-8	5	19.2	mg/kg		V
46693	2	4	FT	BH40717AE	COPPER	7440-50-8	5	5.1	mg/kg	B	V
46693	5	7	FT	BH40718AE	COPPER	7440-50-8	5	7.7	mg/kg		V
46793	0	2	FT	BH40729AE	COPPER	7440-50-8	5	10.7	mg/kg		V
46793	2	4	FT	BH40731AE	COPPER	7440-50-8	5	4	mg/kg	B	J
46793	4	6	FT	BH40732AE	COPPER	7440-50-8	5	3	mg/kg	B	J
46893	0	2	FT	BH40743AE	COPPER	7440-50-8	5	17.8	mg/kg		V
46893	2	5	FT	BH40745AE	COPPER	7440-50-8	5	11.7	mg/kg		V
46993	1	3	FT	BH40757AE	COPPER	7440-50-8	5	8.9	mg/kg		J
46993	3	5	FT	BH40759AE	COPPER	7440-50-8	5	6.5	mg/kg		J
47093	1	3	FT	BH40771AE	COPPER	7440-50-8	25	11.1	mg/kg		V
47093	3	5	FT	BH40773AE	COPPER	7440-50-8	25	6	mg/kg		J
47093	5	7	FT	BH40774AE	COPPER	7440-50-8	25	7	mg/kg		V
P207589	0	3	FT	SEP0389BR0003	COPPER	7440-50-8	5.9	12.9	mg/kg		
P207589	3	9	FT	SEP0389BR0309	COPPER	7440-50-8	5	5.8	mg/kg		A
P208889	0	4	FT	SEP1689BR0004	COPPER	7440-50-8	5.5	12.6	mg/kg		
P208889	4	10	FT	SEP1689BR0410	COPPER	7440-50-8	5	15.1	mg/kg		V
P208989	3	9	FT	SEP1789BR0309	COPPER	7440-50-8	5	12	mg/kg		V
P209089	0	3	FT	SEP1889BR0003	COPPER	7440-50-8	5.5	6.3	mg/kg		
P209089	4	9	FT	SEP1889BR0309	COPPER	7440-50-8	5	10.1	mg/kg		A
P209189	0	3	FT	SEP1989BR0003	COPPER	7440-50-8	5.6	10.2	mg/kg		
P209189	3	10	FT	SEP1989BR0309	COPPER	7440-50-8	5	5.7	mg/kg	U	V
P209489	0	3	FT	SEP2289BR0003	COPPER	7440-50-8	5.5	5.5	mg/kg	U	
P209489	3	7	FT	SEP2289BR0307	COPPER	7440-50-8	5	4.5	mg/kg	UJ	A
P209589	0	4	FT	SEP2389BR0004	COPPER	7440-50-8	5	3.6	mg/kg	UJ	A
P209589	4	10	FT	SEP2389BR0410	COPPER	7440-50-8	5	9.1	mg/kg		A
P209889	0	4	FT	SEP2689BR0004	COPPER	7440-50-8	5	8.7	mg/kg		A
P209889	4	10	FT	SEP2689BR0410	COPPER	7440-50-8	5	17.5	mg/kg		V
P210189	0	3	FT	SEP3089BR0003	COPPER	7440-50-8	6.2	19.9	mg/kg		
P210189	3	9	FT	SEP3089BR0309	COPPER	7440-50-8	5	10.3	mg/kg		V
P210289	0	3	FT	SEP3189BR0003	COPPER	7440-50-8	6.3	11.9	mg/kg		
P210289	3	5	FT	SEP3189BR0306	COPPER	7440-50-8	5	7.3	mg/kg		A
2493	5	7	IN	SS40083AE	COPPER	7440-50-8	10	11.3	mg/kg		V
6593	7	8	IN	SS40140AE	COPPER	7440-50-8	5	29.8	mg/kg		J
46993	10	16	IN	SS40144AE	COPPER	7440-50-8	5	8	mg/kg		J
05093	0	6	FT	BH00061AE	CYANIDE	57-12-5	0.56	0.5	mg/kg	U	V
05193	0	5	FT	BH00066AE	CYANIDE	57-12-5	0.61	0.59	mg/kg	U	V
05393	0	5	FT	BH00076AE	CYANIDE	57-12-5	0.59	0.54	mg/kg	U	V
48195	0	2	FT	BH00101PE	CYANIDE	57-12-5	0.17	0.191	mg/kg		J
48195	2	4	FT	BH00102PE	CYANIDE	57-12-5	0.17	0.25	mg/kg		J
48195	4	6	FT	BH00103PE	CYANIDE	57-12-5	0.17	0.17	mg/kg	U	J
48295	0	2	FT	BH00104PE	CYANIDE	57-12-5	0.17	0.17	mg/kg	U	J
48295	2	4	FT	BH00105PE	CYANIDE	57-12-5	0.17	0.17	mg/kg	U	J
48295	4	6	FT	BH00106PE	CYANIDE	57-12-5	0.17	0.17	mg/kg	U	J
48395	0	2	FT	BH00107PE	CYANIDE	57-12-5	0.17	0.17	mg/kg	U	J
48395	2	4	FT	BH00108PE	CYANIDE	57-12-5	0.17	0.17	mg/kg	U	J
48395	4	5	FT	BH00109PE	CYANIDE	57-12-5	0.17	0.17	mg/kg	U	J
44393	0	5	FT	BH40033AE	CYANIDE	57-12-5	0.5	0.535	mg/kg	U	V
41193	0	6	FT	BH40049AE	CYANIDE	57-12-5	0.5	0.562	mg/kg	U	V
41993	0	6	FT	BH40062AE	CYANIDE	57-12-5	0.5	0.559	mg/kg	U	V
43893	0	6	FT	BH40070AE	CYANIDE	57-12-5	0.5	0.601	mg/kg	U	V
40293	0	3	FT	BH40118AE	CYANIDE	57-12-5	0.5	0.602	mg/kg	U	V
40393	0	5	FT	BH40123AE	CYANIDE	57-12-5	0.5	0.605	mg/kg	U	V
42993	1	6	FT	BH40141AE	CYANIDE	57-12-5	0.5	0.559	mg/kg	U	V
40793	0	5	FT	BH40157AE	CYANIDE	57-12-5	0.5	0.601	mg/kg	U	
40093	0	6	FT	BH40167AE	CYANIDE	57-12-5	0.5	0.57	mg/kg	U	V
44893	0	5	FT	BH40188AE	CYANIDE	57-12-5	0.5	0.56	mg/kg	U	V
41293	0	3	FT	BH40196AE	CYANIDE	57-12-5	0.5	0.561	mg/kg	U	
40993	0	5	FT	BH40201AE	CYANIDE	57-12-5	0.5	0.708	mg/kg		V
41693	0	5	FT	BH40217AE	CYANIDE	57-12-5	0.5	0.565	mg/kg	U	
41793	0	5	FT	BH40243AE	CYANIDE	57-12-5	0.5	0.525	mg/kg		V
42293	1	6	FT	BH40253AE	CYANIDE	57-12-5	0.5	0.16	mg/kg	U	V
42393	0	5	FT	BH40261AE	CYANIDE	57-12-5	0.5	0.551	mg/kg	U	V
43193	0	5	FT	BH40306AE	CYANIDE	57-12-5	0.5	0.599	mg/kg		V
43493	0	5	FT	BH40319AE	CYANIDE	57-12-5	0.5	0.559	mg/kg	U	V
43493	5	10	FT	BH40322AE	CYANIDE	57-12-5	0.5	0.553	mg/kg	U	V
43793	0	5	FT	BH40332AE	CYANIDE	57-12-5	0.5	0.56	mg/kg	U	

318

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42493	0	5	FT	BH40440AE	IRON	7439-89-6	20	13600	mg/kg		V
42493	4	8	FT	BH40441AE	IRON	7439-89-6	20	17100	mg/kg		V
42593	0	2	FT	BH40446AE	IRON	7439-89-6	20	24200	mg/kg		V
42593	0	4	FT	BH40447AE	IRON	7439-89-6	20	10600	mg/kg		V
42593	0	5	FT	BH40448AE	IRON	7439-89-6	20	11300	mg/kg		V
42593	4	8	FT	BH40449AE	IRON	7439-89-6	20	5420	mg/kg		V
42093	0	5	FT	BH40483AE	IRON	7439-89-6	22	5750	mg/kg		V
43393	0	2	FT	BH40510AE	IRON	7439-89-6	20	12700	mg/kg		V
43393	0	4	FT	BH40511AE	IRON	7439-89-6	20	8580	mg/kg		V
43393	0	5	FT	BH40512AE	IRON	7439-89-6	20	8310	mg/kg		V
43393	5	8	FT	BH40517AE	IRON	7439-89-6	20	14800	mg/kg		V
43693	0	2	FT	BH40518AE	IRON	7439-89-6	20	14500	mg/kg		V
43693	0	4	FT	BH40519AE	IRON	7439-89-6	20	8600	mg/kg		V
43693	0	5	FT	BH40520AE	IRON	7439-89-6	20	9860	mg/kg		V
45793	0	4	FT	BH40557AE	IRON	7439-89-6	20	5410	mg/kg		V
46593	1	3	FT	BH40700AE	IRON	7439-89-6	20	6030	mg/kg		V
46593	3	5	FT	BH40702AE	IRON	7439-89-6	20	3960	mg/kg		V
46593	5	7	FT	BH40703AE	IRON	7439-89-6	20	15100	mg/kg		V
46593	5	9	FT	BH40705AE	IRON	7439-89-6	20	6620	mg/kg		V
46693	0	2	FT	BH40715AE	IRON	7439-89-6	20	27100	mg/kg		V
46693	2	4	FT	BH40717AE	IRON	7439-89-6	20	10800	mg/kg		V
46693	5	7	FT	BH40718AE	IRON	7439-89-6	20	11200	mg/kg		V
46793	0	2	FT	BH40729AE	IRON	7439-89-6	20	17100	mg/kg		V
46793	2	4	FT	BH40731AE	IRON	7439-89-6	20	7580	mg/kg		V
46793	4	6	FT	BH40732AE	IRON	7439-89-6	20	3210	mg/kg		V
46893	0	2	FT	BH40743AE	IRON	7439-89-6	20	16500	mg/kg		V
46893	2	5	FT	BH40745AE	IRON	7439-89-6	20	9630	mg/kg		V
46993	1	3	FT	BH40757AE	IRON	7439-89-6	20	8830	mg/kg		V
46993	3	5	FT	BH40759AE	IRON	7439-89-6	20	4790	mg/kg		V
47093	1	3	FT	BH40771AE	IRON	7439-89-6	100	14400	mg/kg		V
47093	3	5	FT	BH40773AE	IRON	7439-89-6	100	5630	mg/kg		V
47093	5	7	FT	BH40774AE	IRON	7439-89-6	100	8060	mg/kg		V
P207589	0	3	FT	SEP0389BR0003	IRON	7439-89-6	23.4	9240	mg/kg		
P207589	3	9	FT	SEP0389BR0309	IRON	7439-89-6	20	8570	mg/kg		A
P208889	0	4	FT	SEP1689BR0004	IRON	7439-89-6	21.8	10100	mg/kg		
P208889	4	10	FT	SEP1689BR0410	IRON	7439-89-6	20	6550	mg/kg		A
P208989	3	9	FT	SEP1789BR0309	IRON	7439-89-6	20	6820	mg/kg		V
P209089	0	3	FT	SEP1889BR0003	IRON	7439-89-6	22.2	5550	mg/kg		
P209089	4	9	FT	SEP1889BR0309	IRON	7439-89-6	20	11600	mg/kg		V
P209189	0	3	FT	SEP1989BR0003	IRON	7439-89-6	22.2	13600	mg/kg		
P209189	3	10	FT	SEP1989BR0309	IRON	7439-89-6	20	12600	mg/kg		V
P209489	0	3	FT	SEP2289BR0003	IRON	7439-89-6	22.2	7170	mg/kg		
P209489	3	7	FT	SEP2289BR0307	IRON	7439-89-6	20	5640	mg/kg		A
P209589	0	4	FT	SEP2389BR0004	IRON	7439-89-6	20	10800	mg/kg		A
P209589	4	10	FT	SEP2389BR0410	IRON	7439-89-6	20	4920	mg/kg		A
P209889	0	4	FT	SEP2689BR0004	IRON	7439-89-6	20	10500	mg/kg		V
P209889	4	10	FT	SEP2689BR0410	IRON	7439-89-6	20	9050	mg/kg		V
P210189	0	3	FT	SEP3089BR0003	IRON	7439-89-6	25	18100	mg/kg		
P210189	3	9	FT	SEP3089BR0309	IRON	7439-89-6	20	16000	mg/kg		V
P210289	0	3	FT	SEP3189BR0003	IRON	7439-89-6	25	16000	mg/kg		
P210289	3	5	FT	SEP3189BR0306	IRON	7439-89-6	20	15300	mg/kg		V
42493	5	7	IN	SS40083AE	IRON	7439-89-6	20	10700	mg/kg		V
46593	7	8	IN	SS40140AE	IRON	7439-89-6	20	11000	mg/kg		V
46993	10	16	IN	SS40144AE	IRON	7439-89-6	20	10600	mg/kg		V
05093	0	6	FT	BH00061AE	LEAD	7439-92-1	2	8.4	mg/kg	SN*	J
05193	0	5	FT	BH00066AE	LEAD	7439-92-1	2	7.9	mg/kg	N	J
05393	0	5	FT	BH00076AE	LEAD	7439-92-1	2	37.2	mg/kg	SN*	J
48195	0	2	FT	BH00101PE	LEAD	7439-92-1	0.81	9.4	mg/kg	N	J
48195	2	4	FT	BH00102PE	LEAD	7439-92-1	0.81	4.7	mg/kg		J
48195	4	6	FT	BH00103PE	LEAD	7439-92-1	0.81	3.8	mg/kg	N	J
48295	0	2	FT	BH00104PE	LEAD	7439-92-1	0.81	11.8	mg/kg	N	J
48295	2	4	FT	BH00105PE	LEAD	7439-92-1	0.81	2.8	mg/kg	N	J
48295	4	6	FT	BH00106PE	LEAD	7439-92-1	0.81	5.8	mg/kg	N	J
48395	0	2	FT	BH00107PE	LEAD	7439-92-1	0.81	9.6	mg/kg	N	J
48395	2	4	FT	BH00108PE	LEAD	7439-92-1	0.81	10.4	mg/kg		J
48395	4	5	FT	BH00109PE	LEAD	7439-92-1	0.81	7.7	mg/kg		J
44593	0	6	FT	BH40001AE	LEAD	7439-92-1	1.1	4.9	mg/kg		V

319

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40893	0	7	FT	BH40030AE	LEAD	7439-92-1	1.1	3.6	mg/kg		V
44393	0	5	FT	BH40033AE	LEAD	7439-92-1	1	22.2	mg/kg	*	J
41193	0	6	FT	BH40049AE	LEAD	7439-92-1	1	12.1	mg/kg	*	J
41993	0	6	FT	BH40062AE	LEAD	7439-92-1	1	10.4	mg/kg	N	J
43893	0	6	FT	BH40070AE	LEAD	7439-92-1	1	13.4	mg/kg	*	J
40293	0	3	FT	BH40118AE	LEAD	7439-92-1	1	17.3	mg/kg	SN	J
40393	0	5	FT	BH40123AE	LEAD	7439-92-1	1	22.8	mg/kg	*	J
42993	1	6	FT	BH40141AE	LEAD	7439-92-1	1	15.2	mg/kg	SN	J
40793	0	5	FT	BH40157AE	LEAD	7439-92-1	2	12.9	mg/kg	S	V
40093	0	6	FT	BH40167AE	LEAD	7439-92-1	1	16.7	mg/kg	N	J
44893	0	5	FT	BH40188AE	LEAD	7439-92-1	1	12.5	mg/kg	N	J
41293	0	3	FT	BH40196AE	LEAD	7439-92-1	2	5.3	mg/kg		J
40993	0	5	FT	BH40201AE	LEAD	7439-92-1	2	8.9	mg/kg	S	V
41693	0	5	FT	BH40217AE	LEAD	7439-92-1	0.5	10.3	mg/kg		V
41793	0	5	FT	BH40243AE	LEAD	7439-92-1	0.4	12.6	mg/kg		V
42293	1	6	FT	BH40253AE	LEAD	7439-92-1	2	8	mg/kg	N	J
42393	0	5	FT	BH40261AE	LEAD	7439-92-1	1	8.8	mg/kg	N	J
43193	0	5	FT	BH40306AE	LEAD	7439-92-1	0.5	16.1	mg/kg		V
43493	0	5	FT	BH40319AE	LEAD	7439-92-1	2	4.9	mg/kg	N	J
43493	5	10	FT	BH40322AE	LEAD	7439-92-1	2	8.4	mg/kg	N	J
43793	0	5	FT	BH40332AE	LEAD	7439-92-1	2	10.7	mg/kg	S	V
44093	0	6	FT	BH40348AE	LEAD	7439-92-1	1	8.8	mg/kg	*	J
43993	0	5	FT	BH40353AE	LEAD	7439-92-1	0.5	6.6	mg/kg		V
45693	0	6	FT	BH40374AE	LEAD	7439-92-1	2	27.4	mg/kg		V
45893	0	5	FT	BH40377AE	LEAD	7439-92-1	2	11	mg/kg		V
46193	0	6	FT	BH40385AE	LEAD	7439-92-1	2	14.7	mg/kg	N	J
40793	0	5	FT	BH40413AE	LEAD	7439-92-1	2	12	mg/kg	S	V
41593	0	2	FT	BH40417AE	LEAD	7439-92-1	2	11	mg/kg	N	J
41593	2	4	FT	BH40418AE	LEAD	7439-92-1	2	5.9	mg/kg	N	J
41593	4	6	FT	BH40419AE	LEAD	7439-92-1	2	2.7	mg/kg	N	J
42193	0	2	FT	BH40425AE	LEAD	7439-92-1	2	13.9	mg/kg		V
42193	0	4	FT	BH40426AE	LEAD	7439-92-1	2	11.6	mg/kg		V
42193	0	5	FT	BH40427AE	LEAD	7439-92-1	2	7.8	mg/kg		V
42493	0	2	FT	BH40438AE	LEAD	7439-92-1	2	15.6	mg/kg	N	J
42493	0	4	FT	BH40439AE	LEAD	7439-92-1	2	31.2	mg/kg	N	J
42493	0	5	FT	BH40440AE	LEAD	7439-92-1	2	3.2	mg/kg	N	J
42493	4	8	FT	BH40441AE	LEAD	7439-92-1	2	6.2	mg/kg	N	J
42593	0	2	FT	BH40446AE	LEAD	7439-92-1	2	6.7	mg/kg	S	V
42593	0	4	FT	BH40447AE	LEAD	7439-92-1	2	4	mg/kg		V
42593	0	5	FT	BH40448AE	LEAD	7439-92-1	2	4	mg/kg		V
42593	4	8	FT	BH40449AE	LEAD	7439-92-1	2	4	mg/kg		V
42093	0	5	FT	BH40483AE	LEAD	7439-92-1	1	7.6	mg/kg	N	J
43393	0	2	FT	BH40510AE	LEAD	7439-92-1	2	10.5	mg/kg		V
43393	0	4	FT	BH40511AE	LEAD	7439-92-1	2	3.1	mg/kg		V
43393	0	5	FT	BH40512AE	LEAD	7439-92-1	2	5.2	mg/kg		V
43393	5	8	FT	BH40517AE	LEAD	7439-92-1	2	20.3	mg/kg		V
43693	0	2	FT	BH40518AE	LEAD	7439-92-1	2	8.4	mg/kg	N	J
43693	0	4	FT	BH40519AE	LEAD	7439-92-1	2	3.3	mg/kg	N	J
43693	0	5	FT	BH40520AE	LEAD	7439-92-1	2	6.3	mg/kg	N	J
45793	0	4	FT	BH40557AE	LEAD	7439-92-1	2	6.1	mg/kg		V
46593	1	3	FT	BH40700AE	LEAD	7439-92-1	0.6	3.6	mg/kg		V
46593	3	5	FT	BH40702AE	LEAD	7439-92-1	0.6	2.9	mg/kg		V
46593	5	7	FT	BH40703AE	LEAD	7439-92-1	0.6	5.3	mg/kg		V
46593	5	9	FT	BH40705AE	LEAD	7439-92-1	0.6	3.7	mg/kg		V
46693	0	2	FT	BH40715AE	LEAD	7439-92-1	0.6	15.6	mg/kg		V
46693	2	4	FT	BH40717AE	LEAD	7439-92-1	0.6	4.1	mg/kg		V
46693	5	7	FT	BH40718AE	LEAD	7439-92-1	0.6	3.7	mg/kg		V
46793	0	2	FT	BH40729AE	LEAD	7439-92-1	0.6	8.7	mg/kg		V
46793	2	4	FT	BH40731AE	LEAD	7439-92-1	0.6	3.5	mg/kg		V
46793	4	6	FT	BH40732AE	LEAD	7439-92-1	0.6	3.7	mg/kg	S	V
46893	0	2	FT	BH40743AE	LEAD	7439-92-1	1	5.5	mg/kg		V
46893	2	5	FT	BH40745AE	LEAD	7439-92-1	1	6.4	mg/kg		V
46893	5	7	FT	BH40746AE	LEAD	7439-92-1	1	3.1	mg/kg		V
46993	1	3	FT	BH40757AE	LEAD	7439-92-1	1	5.3	mg/kg		V
46993	3	5	FT	BH40759AE	LEAD	7439-92-1	1	3.6	mg/kg		V
47093	1	3	FT	BH40771AE	LEAD	7439-92-1	3	13.3	mg/kg	S	V
47093	3	5	FT	BH40773AE	LEAD	7439-92-1	3	2.1	mg/kg		V

320

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
47093	5	7	FT	BH40774AE	LEAD	7439-92-1	3	4.6	mg/kg		V
P207589	0	3	FT	SEP0389BR0003	LEAD	7439-92-1	2.4	14	mg/kg		
P207589	3	9	FT	SEP0389BR0309	LEAD	7439-92-1	1	5.4	mg/kg		A
P208889	0	4	FT	SEP1689BR0004	LEAD	7439-92-1	3.2	16.5	mg/kg		
P208889	4	10	FT	SEP1689BR0410	LEAD	7439-92-1	1	20.3	mg/kg		A
P208989	3	9	FT	SEP1789BR0309	LEAD	7439-92-1	1	27.5	mg/kg		V
P209089	0	3	FT	SEP1889BR0003	LEAD	7439-92-1	2.3	11	mg/kg		
P209089	4	9	FT	SEP1889BR0309	LEAD	7439-92-1	1	8.6	mg/kg		V
P209189	0	3	FT	SEP1989BR0003	LEAD	7439-92-1	4.3	16.9	mg/kg		
P209189	3	10	FT	SEP1989BR0309	LEAD	7439-92-1	1	10.6	mg/kg		A
P209489	0	3	FT	SEP2289BR0003	LEAD	7439-92-1	2.1	10.4	mg/kg		
P209489	3	7	FT	SEP2289BR0307	LEAD	7439-92-1	1	9.5	mg/kg		V
P209589	0	4	FT	SEP2389BR0004	LEAD	7439-92-1	1	10.3	mg/kg		A
P209589	4	10	FT	SEP2389BR0410	LEAD	7439-92-1	1	17.6	mg/kg		A
P209889	0	4	FT	SEP2689BR0004	LEAD	7439-92-1	1	11.1	mg/kg		V
P209889	4	10	FT	SEP2689BR0410	LEAD	7439-92-1	1	25.7	mg/kg		V
P210189	0	3	FT	SEP3089BR0003	LEAD	7439-92-1	10	16.4	mg/kg		
P210189	3	9	FT	SEP3089BR0309	LEAD	7439-92-1	1	7.4	mg/kg		A
P210289	0	3	FT	SEP3189BR0003	LEAD	7439-92-1	5	20.9	mg/kg		
P210289	3	5	FT	SEP3189BR0306	LEAD	7439-92-1	1	20.2	mg/kg		V
42493	5	7	IN	SS40083AE	LEAD	7439-92-1	2	9.9	mg/kg	S	V
46593	7	8	IN	SS40140AE	LEAD	7439-92-1	1	3.6	mg/kg		J
46993	10	16	IN	SS40144AE	LEAD	7439-92-1	1	4.3	mg/kg		V
05093	0	6	FT	BH00061AE	LITHIUM	7439-93-2	10	9.8	mg/kg	B	J
05193	0	5	FT	BH00066AE	LITHIUM	7439-93-2	10	18.2	mg/kg	B	J
05393	0	5	FT	BH00076AE	LITHIUM	7439-93-2	10	15.4	mg/kg	B	J
48195	0	2	FT	BH00101PE	LITHIUM	7439-93-2		21.1	mg/kg		V
48195	2	4	FT	BH00102PE	LITHIUM	7439-93-2		9.7	mg/kg	B	V
48195	4	6	FT	BH00103PE	LITHIUM	7439-93-2		9.2	mg/kg	B	V
48295	0	2	FT	BH00104PE	LITHIUM	7439-93-2		21.4	mg/kg		V
48295	2	4	FT	BH00105PE	LITHIUM	7439-93-2		6	mg/kg	B	V
48295	4	6	FT	BH00106PE	LITHIUM	7439-93-2		5.7	mg/kg	B	V
48395	0	2	FT	BH00107PE	LITHIUM	7439-93-2		18.5	mg/kg		V
48395	2	4	FT	BH00108PE	LITHIUM	7439-93-2		21.9	mg/kg		V
48395	4	5	FT	BH00109PE	LITHIUM	7439-93-2		11.3	mg/kg	B	V
44593	0	6	FT	BH40001AE	LITHIUM	7439-93-2	22.7	8.8	mg/kg	B	V
40893	0	7	FT	BH40030AE	LITHIUM	7439-93-2	21.9	6.9	mg/kg	B	V
44393	0	5	FT	BH40033AE	LITHIUM	7439-93-2	22	7.5	mg/kg	B	J
41193	0	6	FT	BH40049AE	LITHIUM	7439-93-2	23	10.4	mg/kg	B	J
41993	0	6	FT	BH40062AE	LITHIUM	7439-93-2	22	9.1	mg/kg	B	J
43893	0	6	FT	BH40070AE	LITHIUM	7439-93-2	24	10	mg/kg	B	J
40293	0	3	FT	BH40118AE	LITHIUM	7439-93-2	24	5.3	mg/kg	B	J
40393	0	5	FT	BH40123AE	LITHIUM	7439-93-2	23	3.2	mg/kg	B	J
42993	1	6	FT	BH40141AE	LITHIUM	7439-93-2	23	7.7	mg/kg	B	J
40793	0	5	FT	BH40157AE	LITHIUM	7439-93-2	10	6	mg/kg	B	J
40093	0	6	FT	BH40167AE	LITHIUM	7439-93-2	23	5.1	mg/kg	B	J
44893	0	5	FT	BH40188AE	LITHIUM	7439-93-2	23	7.1	mg/kg	B	J
41293	0	3	FT	BH40196AE	LITHIUM	7439-93-2	10	6	mg/kg	B	J
40993	0	5	FT	BH40201AE	LITHIUM	7439-93-2	10	4.6	mg/kg	B	J
41693	0	5	FT	BH40217AE	LITHIUM	7439-93-2	23	23.5	mg/kg		J
41793	0	5	FT	BH40243AE	LITHIUM	7439-93-2	22	12.7	mg/kg	B	J
42293	1	6	FT	BH40253AE	LITHIUM	7439-93-2	10	15.8	mg/kg	B	J
42393	0	5	FT	BH40261AE	LITHIUM	7439-93-2	22	5.2	mg/kg	B	J
43193	0	5	FT	BH40306AE	LITHIUM	7439-93-2	24	33.5	mg/kg		J
43493	0	5	FT	BH40319AE	LITHIUM	7439-93-2	10	16.1	mg/kg	B	J
43493	5	10	FT	BH40322AE	LITHIUM	7439-93-2	10	15.6	mg/kg	B	J
43793	0	5	FT	BH40332AE	LITHIUM	7439-93-2	10	9.5	mg/kg	B	J
44093	0	6	FT	BH40348AE	LITHIUM	7439-93-2	24	10.7	mg/kg	B	J
43993	0	5	FT	BH40353AE	LITHIUM	7439-93-2	23	13.6	mg/kg	B	J
45693	0	6	FT	BH40374AE	LITHIUM	7439-93-2	10	11.2	mg/kg	B	J
45893	0	5	FT	BH40377AE	LITHIUM	7439-93-2	10	6.8	mg/kg	B	J
46193	0	6	FT	BH40385AE	LITHIUM	7439-93-2	10	10.1	mg/kg	B	J
40793	0	5	FT	BH40413AE	LITHIUM	7439-93-2	10	10.9	mg/kg	B	J
41593	0	2	FT	BH40417AE	LITHIUM	7439-93-2	10	50.8	mg/kg	B	J
41593	2	4	FT	BH40418AE	LITHIUM	7439-93-2	10	16.4	mg/kg	B	J
41593	4	6	FT	BH40419AE	LITHIUM	7439-93-2	10	7.7	mg/kg	B	J
42193	0	2	FT	BH40425AE	LITHIUM	7439-93-2	10	27.2	mg/kg		J

321

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42193	0	4	FT	BH40426AE	LITHIUM	7439-93-2	10	8.3	mg/kg	B	J
42193	0	5	FT	BH40427AE	LITHIUM	7439-93-2	10	5.5	mg/kg	B	J
42493	0	2	FT	BH40438AE	LITHIUM	7439-93-2	10	34.2	mg/kg		J
42493	0	4	FT	BH40439AE	LITHIUM	7439-93-2	10	18.6	mg/kg	B	J
42493	0	5	FT	BH40440AE	LITHIUM	7439-93-2	10	12.6	mg/kg	B	J
42493	4	8	FT	BH40441AE	LITHIUM	7439-93-2	10	11.8	mg/kg	B	J
42593	0	2	FT	BH40446AE	LITHIUM	7439-93-2	10	27.4	mg/kg		J
42593	0	4	FT	BH40447AE	LITHIUM	7439-93-2	10	9.5	mg/kg	B	J
42593	0	5	FT	BH40448AE	LITHIUM	7439-93-2	10	9.4	mg/kg	B	J
42593	4	8	FT	BH40449AE	LITHIUM	7439-93-2	10	4.7	mg/kg	B	J
42093	0	5	FT	BH40483AE	LITHIUM	7439-93-2	22	3.7	mg/kg	B	J
43393	0	2	FT	BH40510AE	LITHIUM	7439-93-2	10	30.9	mg/kg		J
43393	0	4	FT	BH40511AE	LITHIUM	7439-93-2	10	11.5	mg/kg	B	J
43393	0	5	FT	BH40512AE	LITHIUM	7439-93-2	10	13.8	mg/kg	B	J
43393	5	8	FT	BH40517AE	LITHIUM	7439-93-2	10	18.2	mg/kg	B	J
43693	0	2	FT	BH40518AE	LITHIUM	7439-93-2	10	43.1	mg/kg		J
43693	0	4	FT	BH40519AE	LITHIUM	7439-93-2	10	16.8	mg/kg	B	J
43693	0	5	FT	BH40520AE	LITHIUM	7439-93-2	10	10	mg/kg	B	J
45793	0	4	FT	BH40557AE	LITHIUM	7439-93-2	10	6.4	mg/kg	B	J
46593	1	3	FT	BH40700AE	LITHIUM	7439-93-2	20	12	mg/kg	B	J
46593	3	5	FT	BH40702AE	LITHIUM	7439-93-2	20	5.4	mg/kg	B	J
46593	5	7	FT	BH40703AE	LITHIUM	7439-93-2	20	10.9	mg/kg	B	J
46593	5	9	FT	BH40705AE	LITHIUM	7439-93-2	20	5.3	mg/kg	B	J
46693	0	2	FT	BH40715AE	LITHIUM	7439-93-2	20	60	mg/kg		J
46693	2	4	FT	BH40717AE	LITHIUM	7439-93-2	20	11.9	mg/kg	B	J
46693	5	7	FT	BH40718AE	LITHIUM	7439-93-2	20	11.1	mg/kg	B	J
46793	0	2	FT	BH40729AE	LITHIUM	7439-93-2	20	31.6	mg/kg		J
46793	2	4	FT	BH40731AE	LITHIUM	7439-93-2	20	18.8	mg/kg	B	J
46793	4	6	FT	BH40732AE	LITHIUM	7439-93-2	20	7.7	mg/kg	B	J
46893	0	2	FT	BH40743AE	LITHIUM	7439-93-2	20	8	mg/kg	B	J
46893	2	5	FT	BH40745AE	LITHIUM	7439-93-2	20	10.5	mg/kg	B	J
46893	5	7	FT	BH40746AE	LITHIUM	7439-93-2	20	5.5	mg/kg	B	J
46993	1	3	FT	BH40757AE	LITHIUM	7439-93-2	20	25.6	mg/kg		J
46993	3	5	FT	BH40759AE	LITHIUM	7439-93-2	20	4.9	mg/kg	B	J
47093	1	3	FT	BH40771AE	LITHIUM	7439-93-2	100	13	mg/kg	B	J
47093	3	5	FT	BH40773AE	LITHIUM	7439-93-2	100	6.5	mg/kg	B	J
47093	5	7	FT	BH40774AE	LITHIUM	7439-93-2	100	6.6	mg/kg	B	J
P207589	0	3	FT	SEP0389BR0003	LITHIUM	7439-93-2	2.3	11.7	mg/kg		
P207589	3	9	FT	SEP0389BR0309	LITHIUM	7439-93-2	20	18.8	mg/kg		V
P208889	0	4	FT	SEP1689BR0004	LITHIUM	7439-93-2	2.2	10.6	mg/kg		
P208889	4	10	FT	SEP1689BR0410	LITHIUM	7439-93-2	20	5.7	mg/kg		V
P208989	3	9	FT	SEP1789BR0309	LITHIUM	7439-93-2	20	2.7	mg/kg		V
P209089	0	3	FT	SEP1889BR0003	LITHIUM	7439-93-2	2.2	6.5	mg/kg		
P209089	4	9	FT	SEP1889BR0309	LITHIUM	7439-93-2	20	35.8	mg/kg		V
P209189	0	3	FT	SEP1989BR0003	LITHIUM	7439-93-2	2.2	9.4	mg/kg		
P209189	3	10	FT	SEP1989BR0309	LITHIUM	7439-93-2	20	9.2	mg/kg		V
P209489	0	3	FT	SEP2289BR0003	LITHIUM	7439-93-2	2.2	6	mg/kg		
P209489	3	7	FT	SEP2289BR0307	LITHIUM	7439-93-2	20	3.6	mg/kg		V
P209589	0	4	FT	SEP2389BR0004	LITHIUM	7439-93-2	20	1.9	mg/kg		V
P209589	4	10	FT	SEP2389BR0410	LITHIUM	7439-93-2	20	4.1	mg/kg		V
P209889	0	4	FT	SEP2689BR0004	LITHIUM	7439-93-2	20	11.8	mg/kg		V
P209889	4	10	FT	SEP2689BR0410	LITHIUM	7439-93-2	20	4.4	mg/kg		V
P210189	0	3	FT	SEP3089BR0003	LITHIUM	7439-93-2	25	25	mg/kg	U	
P210189	3	9	FT	SEP3089BR0309	LITHIUM	7439-93-2	20	21.9	mg/kg	U	V
P210289	0	3	FT	SEP3189BR0003	LITHIUM	7439-93-2	2.5	15.4	mg/kg		
P210289	3	5	FT	SEP3189BR0306	LITHIUM	7439-93-2	20	11.9	mg/kg		V
42493	5	7	IN	SS40083AE	LITHIUM	7439-93-2	10	10.1	mg/kg	B	J
46593	7	8	IN	SS40140AE	LITHIUM	7439-93-2	20	46.6	mg/kg		J
46993	10	16	IN	SS40144AE	LITHIUM	7439-93-2	20	29.2	mg/kg		J
05093	0	6	FT	BH00061AE	MAGNESIUM	7439-95-4	1000	1690	mg/kg		V
05193	0	5	FT	BH00066AE	MAGNESIUM	7439-95-4	1000	4700	mg/kg		V
05393	0	5	FT	BH00076AE	MAGNESIUM	7439-95-4	1000	4240	mg/kg		V
48195	0	2	FT	BH00101PE	MAGNESIUM	7439-95-4		2530	mg/kg		V
48195	2	4	FT	BH00102PE	MAGNESIUM	7439-95-4		1360	mg/kg		V
48195	4	6	FT	BH00103PE	MAGNESIUM	7439-95-4		3000	mg/kg		V
48295	0	2	FT	BH00104PE	MAGNESIUM	7439-95-4		2550	mg/kg		V
48295	2	4	FT	BH00105PE	MAGNESIUM	7439-95-4		1240	mg/kg		V

322

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48295	4	6	FT	BH00106PE	MAGNESIUM	7439-95-4		1460	mg/kg		V
48395	0	2	FT	BH00107PE	MAGNESIUM	7439-95-4		2540	mg/kg		V
48395	2	4	FT	BH00108PE	MAGNESIUM	7439-95-4		5700	mg/kg		J
48395	4	5	FT	BH00109PE	MAGNESIUM	7439-95-4		2510	mg/kg		J
44593	0	6	FT	BH40001AE	MAGNESIUM	7439-95-4	2267.6	2640	mg/kg		V
40893	0	7	FT	BH40030AE	MAGNESIUM	7439-95-4	2194.4	2240	mg/kg		V
44393	0	5	FT	BH40033AE	MAGNESIUM	7439-95-4	1083	2220	mg/kg		V
41193	0	6	FT	BH40049AE	MAGNESIUM	7439-95-4	1159	2070	mg/kg		V
41993	0	6	FT	BH40062AE	MAGNESIUM	7439-95-4	1101	1620	mg/kg		V
43893	0	6	FT	BH40070AE	MAGNESIUM	7439-95-4	1203	1660	mg/kg		V
40293	0	3	FT	BH40118AE	MAGNESIUM	7439-95-4	2424	2240	mg/kg		V
40393	0	5	FT	BH40123AE	MAGNESIUM	7439-95-4	1168	2340	mg/kg		V
42993	1	6	FT	BH40141AE	MAGNESIUM	7439-95-4	2339	1940	mg/kg		V
40793	0	5	FT	BH40157AE	MAGNESIUM	7439-95-4	1000	2240	mg/kg		V
40093	0	6	FT	BH40167AE	MAGNESIUM	7439-95-4	1171	2190	mg/kg		V
44893	0	5	FT	BH40188AE	MAGNESIUM	7439-95-4	1155	2740	mg/kg		V
41293	0	3	FT	BH40196AE	MAGNESIUM	7439-95-4	1000	2810	mg/kg		V
40993	0	5	FT	BH40201AE	MAGNESIUM	7439-95-4	1000	1980	mg/kg		V
41693	0	5	FT	BH40217AE	MAGNESIUM	7439-95-4	1168	2210	mg/kg		J
41793	0	5	FT	BH40243AE	MAGNESIUM	7439-95-4	1099	2190	mg/kg		J
42293	1	6	FT	BH40253AE	MAGNESIUM	7439-95-4	1000	3450	mg/kg		V
42393	0	5	FT	BH40261AE	MAGNESIUM	7439-95-4	2153	1850	mg/kg		V
43193	0	5	FT	BH40306AE	MAGNESIUM	7439-95-4	1183	4070	mg/kg		J
43493	0	5	FT	BH40319AE	MAGNESIUM	7439-95-4	1000	4580	mg/kg		V
43493	5	10	FT	BH40322AE	MAGNESIUM	7439-95-4	1000	3170	mg/kg		V
43793	0	5	FT	BH40332AE	MAGNESIUM	7439-95-4	1000	1480	mg/kg		V
44093	0	6	FT	BH40348AE	MAGNESIUM	7439-95-4	1205	3180	mg/kg		V
43993	0	5	FT	BH40353AE	MAGNESIUM	7439-95-4	1163	2950	mg/kg		J
45693	0	6	FT	BH40374AE	MAGNESIUM	7439-95-4	1000	4420	mg/kg		V
45893	0	5	FT	BH40377AE	MAGNESIUM	7439-95-4	1000	1920	mg/kg		V
46193	0	6	FT	BH40385AE	MAGNESIUM	7439-95-4	1000	3760	mg/kg		V
40793	0	5	FT	BH40413AE	MAGNESIUM	7439-95-4	1000	3240	mg/kg		V
41593	0	2	FT	BH40417AE	MAGNESIUM	7439-95-4	1000	3650	mg/kg		V
41593	2	4	FT	BH40418AE	MAGNESIUM	7439-95-4	1000	5370	mg/kg		V
41593	4	6	FT	BH40419AE	MAGNESIUM	7439-95-4	1000	2090	mg/kg		V
42193	0	2	FT	BH40425AE	MAGNESIUM	7439-95-4	1000	2070	mg/kg		V
42193	0	4	FT	BH40426AE	MAGNESIUM	7439-95-4	1000	1130	mg/kg		V
42193	0	5	FT	BH40427AE	MAGNESIUM	7439-95-4	1000	1530	mg/kg		V
42493	0	2	FT	BH40438AE	MAGNESIUM	7439-95-4	1000	4440	mg/kg		V
42493	0	4	FT	BH40439AE	MAGNESIUM	7439-95-4	1000	4670	mg/kg		V
42493	0	5	FT	BH40440AE	MAGNESIUM	7439-95-4	1000	3210	mg/kg		V
42493	4	8	FT	BH40441AE	MAGNESIUM	7439-95-4	1000	2230	mg/kg		V
42593	0	2	FT	BH40446AE	MAGNESIUM	7439-95-4	1000	3110	mg/kg		V
42593	0	4	FT	BH40447AE	MAGNESIUM	7439-95-4	1000	1350	mg/kg		V
42593	0	5	FT	BH40448AE	MAGNESIUM	7439-95-4	1000	1680	mg/kg		V
42593	4	8	FT	BH40449AE	MAGNESIUM	7439-95-4	1000	1280	mg/kg		V
42093	0	5	FT	BH40483AE	MAGNESIUM	7439-95-4	1078	867	mg/kg	B	V
43393	0	2	FT	BH40510AE	MAGNESIUM	7439-95-4	1000	3200	mg/kg		V
43393	0	4	FT	BH40511AE	MAGNESIUM	7439-95-4	1000	1370	mg/kg		V
43393	0	5	FT	BH40512AE	MAGNESIUM	7439-95-4	1000	3730	mg/kg		V
43393	5	8	FT	BH40517AE	MAGNESIUM	7439-95-4	1000	4790	mg/kg		V
43693	0	2	FT	BH40518AE	MAGNESIUM	7439-95-4	1000	3120	mg/kg		V
43693	0	4	FT	BH40519AE	MAGNESIUM	7439-95-4	1000	3630	mg/kg		V
43693	0	5	FT	BH40520AE	MAGNESIUM	7439-95-4	1000	1670	mg/kg		V
45793	0	4	FT	BH40557AE	MAGNESIUM	7439-95-4	1000	2660	mg/kg		V
46593	1	3	FT	BH40700AE	MAGNESIUM	7439-95-4	1000	1290	mg/kg		V
46593	3	5	FT	BH40702AE	MAGNESIUM	7439-95-4	1000	1150	mg/kg		V
46593	5	7	FT	BH40703AE	MAGNESIUM	7439-95-4	1000	1460	mg/kg		V
46593	5	9	FT	BH40705AE	MAGNESIUM	7439-95-4	1000	1270	mg/kg		V
46693	0	2	FT	BH40715AE	MAGNESIUM	7439-95-4	1000	2590	mg/kg		V
46693	2	4	FT	BH40717AE	MAGNESIUM	7439-95-4	1000	1630	mg/kg		V
46693	5	7	FT	BH40718AE	MAGNESIUM	7439-95-4	1000	1660	mg/kg		V
46793	0	2	FT	BH40729AE	MAGNESIUM	7439-95-4	1000	3000	mg/kg		V
46793	2	4	FT	BH40731AE	MAGNESIUM	7439-95-4	1000	5050	mg/kg		V
46793	4	6	FT	BH40732AE	MAGNESIUM	7439-95-4	1000	4330	mg/kg		V
46893	0	2	FT	BH40743AE	MAGNESIUM	7439-95-4	1000	2000	mg/kg		V
46893	2	5	FT	BH40745AE	MAGNESIUM	7439-95-4	1000	3410	mg/kg		V

323

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46993	1	3	FT	BH40757AE	MAGNESIUM	7439-95-4	1000	1350	mg/kg		V
46993	3	5	FT	BH40759AE	MAGNESIUM	7439-95-4	1000	703	mg/kg	B	V
47093	1	3	FT	BH40771AE	MAGNESIUM	7439-95-4	5000	2130	mg/kg		V
47093	3	5	FT	BH40773AE	MAGNESIUM	7439-95-4	5000	2150	mg/kg		V
47093	5	7	FT	BH40774AE	MAGNESIUM	7439-95-4	5000	1280	mg/kg		V
P207589	0	3	FT	SEP0389BR0003	MAGNESIUM	7439-95-4	1170	4020	mg/kg		
P207589	3	9	FT	SEP0389BR0309	MAGNESIUM	7439-95-4	2000	6460	mg/kg		V
P208889	0	4	FT	SEP1689BR0004	MAGNESIUM	7439-95-4	1090	2780	mg/kg		
P208889	4	10	FT	SEP1689BR0410	MAGNESIUM	7439-95-4	2000	2910	mg/kg		V
P208989	3	9	FT	SEP1789BR0309	MAGNESIUM	7439-95-4	2000	2450	mg/kg		V
P209089	0	3	FT	SEP1889BR0003	MAGNESIUM	7439-95-4	1110	1370	mg/kg		
P209089	4	9	FT	SEP1889BR0309	MAGNESIUM	7439-95-4	2000	3730	mg/kg		V
P209189	0	3	FT	SEP1989BR0003	MAGNESIUM	7439-95-4	1110	2190	mg/kg		
P209189	3	10	FT	SEP1989BR0309	MAGNESIUM	7439-95-4	2000	2270	mg/kg		V
P209489	0	3	FT	SEP2289BR0003	MAGNESIUM	7439-95-4	1110	1530	mg/kg		
P209489	3	7	FT	SEP2289BR0307	MAGNESIUM	7439-95-4	2000	1470	mg/kg		A
P209589	0	4	FT	SEP2389BR0004	MAGNESIUM	7439-95-4	2000	1600	mg/kg		V
P209589	4	10	FT	SEP2389BR0410	MAGNESIUM	7439-95-4	2000	1500	mg/kg		V
P209889	0	4	FT	SEP2689BR0004	MAGNESIUM	7439-95-4	2000	3320	mg/kg		V
P209889	4	10	FT	SEP2689BR0410	MAGNESIUM	7439-95-4	2000	2410	mg/kg		V
P210189	0	3	FT	SEP3089BR0003	MAGNESIUM	7439-95-4	1250	3830	mg/kg		
P210189	3	9	FT	SEP3089BR0309	MAGNESIUM	7439-95-4	2000	3010	mg/kg		V
P210289	0	3	FT	SEP3189BR0003	MAGNESIUM	7439-95-4	1250	2590	mg/kg		
P210289	3	5	FT	SEP3189BR0306	MAGNESIUM	7439-95-4	2000	1720	mg/kg		V
42493	5	7	IN	SS40083AE	MAGNESIUM	7439-95-4	1000	2190	mg/kg		V
46593	7	8	IN	SS40140AE	MAGNESIUM	7439-95-4	1000	1960	mg/kg		V
46993	10	16	IN	SS40144AE	MAGNESIUM	7439-95-4	1000	2390	mg/kg		V
05093	0	6	FT	BH00061AE	MANGANESE	7439-96-5	10	100	mg/kg	N	J
05193	0	5	FT	BH00066AE	MANGANESE	7439-96-5	10	140	mg/kg		V
05393	0	5	FT	BH00076AE	MANGANESE	7439-96-5	10	141	mg/kg	N	J
48195	0	2	FT	BH00101PE	MANGANESE	7439-96-5		192	mg/kg	N	J
48195	2	4	FT	BH00102PE	MANGANESE	7439-96-5		167	mg/kg	N	J
48195	4	6	FT	BH00103PE	MANGANESE	7439-96-5		157	mg/kg	N	J
48295	0	2	FT	BH00104PE	MANGANESE	7439-96-5		149	mg/kg	N	J
48295	2	4	FT	BH00105PE	MANGANESE	7439-96-5		90.1	mg/kg	N	J
48295	4	6	FT	BH00106PE	MANGANESE	7439-96-5		75.5	mg/kg	N	J
48395	0	2	FT	BH00107PE	MANGANESE	7439-96-5		142	mg/kg	N	J
48395	2	4	FT	BH00108PE	MANGANESE	7439-96-5		792	mg/kg		J
48395	4	5	FT	BH00109PE	MANGANESE	7439-96-5		772	mg/kg		J
44593	0	6	FT	BH40001AE	MANGANESE	7439-96-5	3.4	89	mg/kg	*	J
40893	0	7	FT	BH40030AE	MANGANESE	7439-96-5	3.3	358	mg/kg	*	J
44393	0	5	FT	BH40033AE	MANGANESE	7439-96-5	3	200	mg/kg	EN*	J
41193	0	6	FT	BH40049AE	MANGANESE	7439-96-5	3	124	mg/kg	EN*	J
41993	0	6	FT	BH40062AE	MANGANESE	7439-96-5	3	149	mg/kg	*	J
43893	0	6	FT	BH40070AE	MANGANESE	7439-96-5	4	144	mg/kg	EN*	J
40293	0	3	FT	BH40118AE	MANGANESE	7439-96-5	4	208	mg/kg	N	J
40393	0	5	FT	BH40123AE	MANGANESE	7439-96-5	4	300	mg/kg	EN*	J
42993	1	6	FT	BH40141AE	MANGANESE	7439-96-5	4	153	mg/kg	N	J
40793	0	5	FT	BH40157AE	MANGANESE	7439-96-5	10	243	mg/kg		V
40093	0	6	FT	BH40167AE	MANGANESE	7439-96-5	4	93.4	mg/kg	*	J
44893	0	5	FT	BH40188AE	MANGANESE	7439-96-5	3	236	mg/kg	*	J
41293	0	3	FT	BH40196AE	MANGANESE	7439-96-5	10	345	mg/kg		V
40993	0	5	FT	BH40201AE	MANGANESE	7439-96-5	10	214	mg/kg		V
41693	0	5	FT	BH40217AE	MANGANESE	7439-96-5	4	144	mg/kg	E	J
41793	0	5	FT	BH40243AE	MANGANESE	7439-96-5	3	92.8	mg/kg	E	J
42293	1	6	FT	BH40253AE	MANGANESE	7439-96-5	10	170	mg/kg		V
42393	0	5	FT	BH40261AE	MANGANESE	7439-96-5	3	219	mg/kg	N	J
43193	0	5	FT	BH40306AE	MANGANESE	7439-96-5	4	159	mg/kg	E	J
43493	0	5	FT	BH40319AE	MANGANESE	7439-96-5	10	160	mg/kg		V
43493	5	10	FT	BH40322AE	MANGANESE	7439-96-5	10	190	mg/kg		V
43793	0	5	FT	BH40332AE	MANGANESE	7439-96-5	10	105	mg/kg		V
44093	0	6	FT	BH40348AE	MANGANESE	7439-96-5	4	115	mg/kg	EN*	J
43993	0	5	FT	BH40353AE	MANGANESE	7439-96-5	3	87.2	mg/kg	E	J
45693	0	6	FT	BH40374AE	MANGANESE	7439-96-5	10	190	mg/kg		V
45893	0	5	FT	BH40377AE	MANGANESE	7439-96-5	10	186	mg/kg		V
46193	0	6	FT	BH40385AE	MANGANESE	7439-96-5	10	83.4	mg/kg	N*	J
40793	0	5	FT	BH40413AE	MANGANESE	7439-96-5	10	291	mg/kg		V

324

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41593	0	2	FT	BH40417AE	MANGANESE	7439-96-5	10	150	mg/kg		V
41593	2	4	FT	BH40418AE	MANGANESE	7439-96-5	10	160	mg/kg		V
41593	4	6	FT	BH40419AE	MANGANESE	7439-96-5	10	190	mg/kg		V
42193	0	2	FT	BH40425AE	MANGANESE	7439-96-5	10	120	mg/kg		V
42193	0	4	FT	BH40426AE	MANGANESE	7439-96-5	10	210	mg/kg		V
42193	0	5	FT	BH40427AE	MANGANESE	7439-96-5	10	85.3	mg/kg		V
42493	0	2	FT	BH40438AE	MANGANESE	7439-96-5	10	1220	mg/kg	N*	J
42493	0	4	FT	BH40439AE	MANGANESE	7439-96-5	10	307	mg/kg	N*	J
42493	0	5	FT	BH40440AE	MANGANESE	7439-96-5	10	144	mg/kg	N*	J
42493	4	8	FT	BH40441AE	MANGANESE	7439-96-5	10	114	mg/kg	N*	J
42593	0	2	FT	BH40446AE	MANGANESE	7439-96-5	10	182	mg/kg		V
42593	0	4	FT	BH40447AE	MANGANESE	7439-96-5	10	85.7	mg/kg		V
42593	0	5	FT	BH40448AE	MANGANESE	7439-96-5	10	68.5	mg/kg		V
42593	4	8	FT	BH40449AE	MANGANESE	7439-96-5	10	81.1	mg/kg		V
42093	0	5	FT	BH40483AE	MANGANESE	7439-96-5	3	79	mg/kg	*	J
43393	0	2	FT	BH40510AE	MANGANESE	7439-96-5	10	130	mg/kg		V
43393	0	4	FT	BH40511AE	MANGANESE	7439-96-5	10	77.3	mg/kg		V
43393	0	5	FT	BH40512AE	MANGANESE	7439-96-5	10	140	mg/kg		V
43393	5	8	FT	BH40517AE	MANGANESE	7439-96-5	10	82.2	mg/kg		V
43693	0	2	FT	BH40518AE	MANGANESE	7439-96-5	10	788	mg/kg	N*	J
43693	0	4	FT	BH40519AE	MANGANESE	7439-96-5	10	117	mg/kg	N*	J
43693	0	5	FT	BH40520AE	MANGANESE	7439-96-5	10	134	mg/kg	N*	J
45793	0	4	FT	BH40557AE	MANGANESE	7439-96-5	10	290	mg/kg		V
46593	1	3	FT	BH40700AE	MANGANESE	7439-96-5	3	149	mg/kg	*	V
46593	3	5	FT	BH40702AE	MANGANESE	7439-96-5	3	69.7	mg/kg	*	V
46593	5	7	FT	BH40703AE	MANGANESE	7439-96-5	3	164	mg/kg	*	V
46593	5	9	FT	BH40705AE	MANGANESE	7439-96-5	3	86.6	mg/kg	*	V
46693	0	2	FT	BH40715AE	MANGANESE	7439-96-5	3	163	mg/kg	*	V
46693	2	4	FT	BH40717AE	MANGANESE	7439-96-5	3	70.5	mg/kg	*	V
46693	5	7	FT	BH40718AE	MANGANESE	7439-96-5	3	107	mg/kg	*	V
46793	0	2	FT	BH40729AE	MANGANESE	7439-96-5	3	147	mg/kg	N*	J
46793	2	4	FT	BH40731AE	MANGANESE	7439-96-5	3	130	mg/kg	N*	J
46793	4	6	FT	BH40732AE	MANGANESE	7439-96-5	3	66.6	mg/kg	N*	J
46893	0	2	FT	BH40743AE	MANGANESE	7439-96-5	3	245	mg/kg		J
46893	2	5	FT	BH40745AE	MANGANESE	7439-96-5	3	100	mg/kg		J
46993	1	3	FT	BH40757AE	MANGANESE	7439-96-5	3	247	mg/kg		J
46993	3	5	FT	BH40759AE	MANGANESE	7439-96-5	3	121	mg/kg		J
47093	1	3	FT	BH40771AE	MANGANESE	7439-96-5	15	214	mg/kg		V
47093	3	5	FT	BH40773AE	MANGANESE	7439-96-5	15	180	mg/kg		V
47093	5	7	FT	BH40774AE	MANGANESE	7439-96-5	15	182	mg/kg		V
P207589	0	3	FT	SEP0389BR0003	MANGANESE	7439-96-5	3.5	225	mg/kg		
P207589	3	9	FT	SEP0389BR0309	MANGANESE	7439-96-5	3	43.6	mg/kg		A
P208889	0	4	FT	SEP1689BR0004	MANGANESE	7439-96-5	3.3	124	mg/kg		
P208889	4	10	FT	SEP1689BR0410	MANGANESE	7439-96-5	3	44.8	mg/kg		A
P208989	3	9	FT	SEP1789BR0309	MANGANESE	7439-96-5	3	636	mg/kg		V
P209089	0	3	FT	SEP1889BR0003	MANGANESE	7439-96-5	3.3	112	mg/kg		
P209089	4	9	FT	SEP1889BR0309	MANGANESE	7439-96-5	3	269	mg/kg		A
P209189	0	3	FT	SEP1989BR0003	MANGANESE	7439-96-5	3.3	205	mg/kg		
P209189	3	10	FT	SEP1989BR0309	MANGANESE	7439-96-5	3	80.2	mg/kg		A
P209489	0	3	FT	SEP2289BR0003	MANGANESE	7439-96-5	3.3	158	mg/kg		
P209489	3	7	FT	SEP2289BR0307	MANGANESE	7439-96-5	3	116	mg/kg		A
P209589	0	4	FT	SEP2389BR0004	MANGANESE	7439-96-5	3	189	mg/kg		A
P209589	4	10	FT	SEP2389BR0410	MANGANESE	7439-96-5	3	106	mg/kg		A
P209889	0	4	FT	SEP2689BR0004	MANGANESE	7439-96-5	3	192	mg/kg		V
P209889	4	10	FT	SEP2689BR0410	MANGANESE	7439-96-5	3	68.3	mg/kg		V
P210189	0	3	FT	SEP3089BR0003	MANGANESE	7439-96-5	3.8	231	mg/kg		
P210189	3	9	FT	SEP3089BR0309	MANGANESE	7439-96-5	3	70.7	mg/kg		A
P210289	0	3	FT	SEP3189BR0003	MANGANESE	7439-96-5	3.8	184	mg/kg		
P210289	3	5	FT	SEP3189BR0306	MANGANESE	7439-96-5	3	226	mg/kg		V
42493	5	7	IN	SS40083AE	MANGANESE	7439-96-5	10	124	mg/kg		V
46593	7	8	IN	SS40140AE	MANGANESE	7439-96-5	3	109	mg/kg		V
46993	10	16	IN	SS40144AE	MANGANESE	7439-96-5	3	221	mg/kg		J
05093	0	6	FT	BH00061AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	V
05193	0	5	FT	BH00066AE	MERCURY	7439-97-6	0.2	0.23	mg/kg		V
05393	0	5	FT	BH00076AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	V
48195	0	2	FT	BH00101PE	MERCURY	7439-97-6	0.1	0.1	mg/kg	U	V
48195	2	4	FT	BH00102PE	MERCURY	7439-97-6	0.1	0.1	mg/kg	U	V

325

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48195	4	6	FT	BH00103PE	MERCURY	7439-97-6	0.1	0.1	mg/kg	U	V
48295	0	2	FT	BH00104PE	MERCURY	7439-97-6	0.11	0.11	mg/kg	U	V
48295	2	4	FT	BH00105PE	MERCURY	7439-97-6	0.1	0.1	mg/kg	U	V
48295	4	6	FT	BH00106PE	MERCURY	7439-97-6	0.11	0.11	mg/kg	U	V
48395	0	2	FT	BH00107PE	MERCURY	7439-97-6	0.1	0.11	mg/kg	U	V
48395	2	4	FT	BH00108PE	MERCURY	7439-97-6	0.1	0.13	mg/kg	U	V
48395	4	5	FT	BH00109PE	MERCURY	7439-97-6	0.1	0.11	mg/kg	U	V
40893	0	7	FT	BH40030AE	MERCURY	7439-97-6	0.2	0.05	mg/kg	UN	J
44393	0	5	FT	BH40033AE	MERCURY	7439-97-6	0.04	0.11	mg/kg	U	V
41193	0	6	FT	BH40049AE	MERCURY	7439-97-6	0.05	0.12	mg/kg	U	V
41993	0	6	FT	BH40062AE	MERCURY	7439-97-6	0.04	0.17	mg/kg		V
43893	0	6	FT	BH40070AE	MERCURY	7439-97-6	0.05	0.12	mg/kg	U	V
40293	0	3	FT	BH40118AE	MERCURY	7439-97-6	0.2	0.18	mg/kg		J
40393	0	5	FT	BH40123AE	MERCURY	7439-97-6	0.05	0.12	mg/kg	U	V
42993	1	6	FT	BH40141AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	J
40793	0	5	FT	BH40157AE	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	J
40093	0	6	FT	BH40167AE	MERCURY	7439-97-6	0.05	0.14	mg/kg		V
44893	0	5	FT	BH40188AE	MERCURY	7439-97-6	0.05	0.08	mg/kg	B	V
41293	0	3	FT	BH40196AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	J
40993	0	5	FT	BH40201AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	J
41693	0	5	FT	BH40217AE	MERCURY	7439-97-6	0.05	0.33	mg/kg		V
41793	0	5	FT	BH40243AE	MERCURY	7439-97-6	0.04	0.11	mg/kg	U	V
42293	1	6	FT	BH40253AE	MERCURY	7439-97-6	0.2	0.17	mg/kg	U	V
42393	0	5	FT	BH40261AE	MERCURY	7439-97-6	0.2	0.22	mg/kg		J
43193	0	5	FT	BH40306AE	MERCURY	7439-97-6	0.05	0.14	mg/kg		V
43493	0	5	FT	BH40319AE	MERCURY	7439-97-6	0.2	0.17	mg/kg		V
43493	5	10	FT	BH40322AE	MERCURY	7439-97-6	0.2	0.17	mg/kg	U	V
43793	0	5	FT	BH40332AE	MERCURY	7439-97-6	0.2	1.2	mg/kg		J
44093	0	6	FT	BH40348AE	MERCURY	7439-97-6	0.05	0.12	mg/kg	U	V
43993	0	5	FT	BH40353AE	MERCURY	7439-97-6	0.05	0.14	mg/kg		V
45693	0	6	FT	BH40374AE	MERCURY	7439-97-6	0.2	0.13	mg/kg	UN	J
45893	0	5	FT	BH40377AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	V
46193	0	6	FT	BH40385AE	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
40793	0	5	FT	BH40413AE	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	J
41593	0	2	FT	BH40417AE	MERCURY	7439-97-6	0.2	0.21	mg/kg	U	V
41593	2	4	FT	BH40418AE	MERCURY	7439-97-6	0.2	0.2	mg/kg	U	V
41593	4	6	FT	BH40419AE	MERCURY	7439-97-6	0.2	0.16	mg/kg	U	V
42193	0	2	FT	BH40425AE	MERCURY	7439-97-6	0.2	0.12	mg/kg	UN	J
42193	0	4	FT	BH40426AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	UN	J
42193	0	5	FT	BH40427AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	UN	J
42493	0	2	FT	BH40438AE	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
42493	0	4	FT	BH40439AE	MERCURY	7439-97-6	0.2	0.31	mg/kg		V
42493	0	5	FT	BH40440AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	V
42493	4	8	FT	BH40441AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	V
42593	0	2	FT	BH40446AE	MERCURY	7439-97-6	0.2	0.16	mg/kg		V
42593	0	4	FT	BH40447AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	V
42593	0	5	FT	BH40448AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	V
42593	4	8	FT	BH40449AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	V
42093	0	5	FT	BH40483AE	MERCURY	7439-97-6	0.04	0.16	mg/kg		V
43393	0	2	FT	BH40510AE	MERCURY	7439-97-6	0.2	0.12	mg/kg	UN	J
43393	0	4	FT	BH40511AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	UN	J
43393	0	5	FT	BH40512AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	UN	J
43393	5	8	FT	BH40517AE	MERCURY	7439-97-6	0.2	0.12	mg/kg	UN	J
43693	0	2	FT	BH40518AE	MERCURY	7439-97-6	0.2	0.72	mg/kg		V
43693	0	4	FT	BH40519AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	V
43693	0	5	FT	BH40520AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	V
45793	0	4	FT	BH40557AE	MERCURY	7439-97-6	0.2	0.11	mg/kg	UN	J
46593	1	3	FT	BH40700AE	MERCURY	7439-97-6	0.1	0.11	mg/kg	UN	J
46593	3	5	FT	BH40702AE	MERCURY	7439-97-6	0.1	0.1	mg/kg	UN	J
46593	5	7	FT	BH40703AE	MERCURY	7439-97-6	0.1	0.11	mg/kg	UN	J
46593	5	9	FT	BH40705AE	MERCURY	7439-97-6	0.1	0.12	mg/kg	UN	J
46693	0	2	FT	BH40715AE	MERCURY	7439-97-6	0.1	0.13	mg/kg	UN	J
46693	2	4	FT	BH40717AE	MERCURY	7439-97-6	0.1	0.11	mg/kg	UN	J
46693	5	7	FT	BH40718AE	MERCURY	7439-97-6	0.1	0.1	mg/kg	UN	J
46793	0	2	FT	BH40729AE	MERCURY	7439-97-6	0.1	0.11	mg/kg	U	V
46793	2	4	FT	BH40731AE	MERCURY	7439-97-6	0.1	0.11	mg/kg	U	V
46793	4	6	FT	BH40732AE	MERCURY	7439-97-6	0.1	0.12	mg/kg	U	V

326

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46893	0	2	FT	BH40743AE	MERCURY	7439-97-6	0.1	0.12	mg/kg	B	J
46893	2	5	FT	BH40745AE	MERCURY	7439-97-6	0.1	0.08	mg/kg	B	J
46893	5	7	FT	BH40746AE	MERCURY	7439-97-6	0.1	0.11	mg/kg	B	J
46993	1	3	FT	BH40757AE	MERCURY	7439-97-6	0.1	0.06	mg/kg	B	J
46993	3	5	FT	BH40759AE	MERCURY	7439-97-6	0.1	0.12	mg/kg		J
47093	1	3	FT	BH40771AE	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
47093	3	5	FT	BH40773AE	MERCURY	7439-97-6	0.2	0.1	mg/kg	U	V
47093	5	7	FT	BH40774AE	MERCURY	7439-97-6	0.2	0.1	mg/kg	U	V
P207589	0	3	FT	SEP0389BR0003	MERCURY	7439-97-6	0.12	10.8	mg/kg		
P208889	0	4	FT	SEP1689BR0004	MERCURY	7439-97-6	0.1	0.1	mg/kg	U	
P209089	0	3	FT	SEP1889BR0003	MERCURY	7439-97-6	0.11	0.42	mg/kg		
P209189	0	3	FT	SEP1989BR0003	MERCURY	7439-97-6	0.096	0.096	mg/kg	U	
P209189	3	10	FT	SEP1989BR0309	MERCURY	7439-97-6	0.3	0.14	mg/kg		V
P209489	0	3	FT	SEP2289BR0003	MERCURY	7439-97-6	0.11	0.11	mg/kg	U	
P210189	0	3	FT	SEP3089BR0003	MERCURY	7439-97-6	0.12	0.12	mg/kg	U	
P210189	3	9	FT	SEP3089BR0309	MERCURY	7439-97-6	0.3	0.11	mg/kg	U	V
P210289	0	3	FT	SEP3189BR0003	MERCURY	7439-97-6	0.13	0.42	mg/kg		
P210289	3	5	FT	SEP3189BR0306	MERCURY	7439-97-6	0.3	0.35	mg/kg		A
42493	5	7	IN	SS40083AE	MERCURY	7439-97-6	0.2	0.1	mg/kg	U	V
46593	7	8	IN	SS40140AE	MERCURY	7439-97-6	0.1	0.57	mg/kg		V
46993	10	16	IN	SS40144AE	MERCURY	7439-97-6	0.1	0.06	mg/kg	U	J
05093	0	6	FT	BH00061AE	MOLYBDENUM	7439-98-7	20	4.4	mg/kg	U	J
05193	0	5	FT	BH00066AE	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	J
05393	0	5	FT	BH00076AE	MOLYBDENUM	7439-98-7	20	4.3	mg/kg	U	J
48195	0	2	FT	BH00101PE	MOLYBDENUM	7439-98-7	2.4	3.1	mg/kg	B	V
48195	2	4	FT	BH00102PE	MOLYBDENUM	7439-98-7	2.4	4	mg/kg	B	V
48195	4	6	FT	BH00103PE	MOLYBDENUM	7439-98-7	2.4	4.4	mg/kg	B	V
48295	0	2	FT	BH00104PE	MOLYBDENUM	7439-98-7	2.4	1.8	mg/kg	B	V
48295	2	4	FT	BH00105PE	MOLYBDENUM	7439-98-7	1.2	1.2	mg/kg	U	V
48295	4	6	FT	BH00106PE	MOLYBDENUM	7439-98-7	1.2	1.9	mg/kg	B	V
48395	0	2	FT	BH00107PE	MOLYBDENUM	7439-98-7	1.4	1.4	mg/kg	U	V
48395	2	4	FT	BH00108PE	MOLYBDENUM	7439-98-7	1.5	1.5	mg/kg	U	V
48395	4	5	FT	BH00109PE	MOLYBDENUM	7439-98-7	1.5	2.3	mg/kg	B	V
44593	0	6	FT	BH40001AE	MOLYBDENUM	7439-98-7	45.4	4.5	mg/kg	U	V
40893	0	7	FT	BH40030AE	MOLYBDENUM	7439-98-7	43.9	4.4	mg/kg	U	V
44393	0	5	FT	BH40033AE	MOLYBDENUM	7439-98-7	43	4.3	mg/kg	U	J
41193	0	6	FT	BH40049AE	MOLYBDENUM	7439-98-7	46	4.6	mg/kg	U	J
41993	0	6	FT	BH40062AE	MOLYBDENUM	7439-98-7	44	4.4	mg/kg	U	J
43893	0	6	FT	BH40070AE	MOLYBDENUM	7439-98-7	48	4.8	mg/kg	U	J
40293	0	3	FT	BH40118AE	MOLYBDENUM	7439-98-7	48	4.8	mg/kg	U	J
40393	0	5	FT	BH40123AE	MOLYBDENUM	7439-98-7	47	4.7	mg/kg	U	J
42993	1	6	FT	BH40141AE	MOLYBDENUM	7439-98-7	47	4.7	mg/kg	U	J
40793	0	5	FT	BH40157AE	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	J
40093	0	6	FT	BH40167AE	MOLYBDENUM	7439-98-7	47	4.7	mg/kg	U	J
44893	0	5	FT	BH40188AE	MOLYBDENUM	7439-98-7	46	4.6	mg/kg	U	J
41293	0	3	FT	BH40196AE	MOLYBDENUM	7439-98-7	20	4.3	mg/kg	U	J
40993	0	5	FT	BH40201AE	MOLYBDENUM	7439-98-7	20	4.5	mg/kg	U	J
41693	0	5	FT	BH40217AE	MOLYBDENUM	7439-98-7	47	4.7	mg/kg	U	J
41793	0	5	FT	BH40243AE	MOLYBDENUM	7439-98-7	44	4.4	mg/kg	U	J
42293	1	6	FT	BH40253AE	MOLYBDENUM	7439-98-7	20	4.6	mg/kg	U	J
42393	0	5	FT	BH40261AE	MOLYBDENUM	7439-98-7	43	4.3	mg/kg	U	J
43193	0	5	FT	BH40306AE	MOLYBDENUM	7439-98-7	47	4.7	mg/kg	U	J
43493	0	5	FT	BH40319AE	MOLYBDENUM	7439-98-7	20	4.6	mg/kg	U	J
43493	5	10	FT	BH40322AE	MOLYBDENUM	7439-98-7	20	4.5	mg/kg	U	J
43793	0	5	FT	BH40332AE	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	J
44093	0	6	FT	BH40348AE	MOLYBDENUM	7439-98-7	48	4.8	mg/kg	U	J
43993	0	5	FT	BH40353AE	MOLYBDENUM	7439-98-7	47	4.7	mg/kg	U	J
45693	0	6	FT	BH40374AE	MOLYBDENUM	7439-98-7	20	5.1	mg/kg	U	J
45893	0	5	FT	BH40377AE	MOLYBDENUM	7439-98-7	20	4.6	mg/kg	U	V
46193	0	6	FT	BH40385AE	MOLYBDENUM	7439-98-7	20	5	mg/kg	U	J
40793	0	5	FT	BH40413AE	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	J
41593	0	2	FT	BH40417AE	MOLYBDENUM	7439-98-7	20	11.4	mg/kg	U	J
41593	2	4	FT	BH40418AE	MOLYBDENUM	7439-98-7	20	5.2	mg/kg	U	J
41593	4	6	FT	BH40419AE	MOLYBDENUM	7439-98-7	20	4.4	mg/kg	U	J
42193	0	2	FT	BH40425AE	MOLYBDENUM	7439-98-7	20	4.7	mg/kg	U	J
42193	0	4	FT	BH40426AE	MOLYBDENUM	7439-98-7	20	6	mg/kg	B	J
42193	0	5	FT	BH40427AE	MOLYBDENUM	7439-98-7	20	4.5	mg/kg	U	J

327

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42493	0	2	FT	BH40438AE	MOLYBDENUM	7439-98-7	20	4.7	mg/kg	U	J
42493	0	4	FT	BH40439AE	MOLYBDENUM	7439-98-7	20	4.4	mg/kg	U	J
42493	0	5	FT	BH40440AE	MOLYBDENUM	7439-98-7	20	4.3	mg/kg	U	J
42493	4	8	FT	BH40441AE	MOLYBDENUM	7439-98-7	20	4.6	mg/kg	U	J
42593	0	2	FT	BH40446AE	MOLYBDENUM	7439-98-7	20	4.5	mg/kg	U	V
42593	0	4	FT	BH40447AE	MOLYBDENUM	7439-98-7	20	4.3	mg/kg	U	V
42593	0	5	FT	BH40448AE	MOLYBDENUM	7439-98-7	20	4.3	mg/kg	U	V
42593	4	8	FT	BH40449AE	MOLYBDENUM	7439-98-7	20	4.3	mg/kg	U	V
42093	0	5	FT	BH40483AE	MOLYBDENUM	7439-98-7	43	4.3	mg/kg	U	J
43393	0	2	FT	BH40510AE	MOLYBDENUM	7439-98-7	20	4.7	mg/kg	U	J
43393	0	4	FT	BH40511AE	MOLYBDENUM	7439-98-7	20	4.3	mg/kg	U	J
43393	0	5	FT	BH40512AE	MOLYBDENUM	7439-98-7	20	4.3	mg/kg	U	J
43393	5	8	FT	BH40517AE	MOLYBDENUM	7439-98-7	20	4.9	mg/kg	U	J
43693	0	2	FT	BH40518AE	MOLYBDENUM	7439-98-7	20	4.5	mg/kg	U	J
43693	0	4	FT	BH40519AE	MOLYBDENUM	7439-98-7	20	4.3	mg/kg	U	J
43693	0	5	FT	BH40520AE	MOLYBDENUM	7439-98-7	20	4.3	mg/kg	U	J
45793	0	4	FT	BH40557AE	MOLYBDENUM	7439-98-7	20	4.4	mg/kg	U	J
46593	1	3	FT	BH40700AE	MOLYBDENUM	7439-98-7	40	1.3	mg/kg	U	V
46593	3	5	FT	BH40702AE	MOLYBDENUM	7439-98-7	40	1.2	mg/kg	U	V
46593	5	7	FT	BH40703AE	MOLYBDENUM	7439-98-7	40	2	mg/kg	U	J
46593	5	9	FT	BH40705AE	MOLYBDENUM	7439-98-7	40	1.4	mg/kg	U	J
46693	0	2	FT	BH40715AE	MOLYBDENUM	7439-98-7	40	1.5	mg/kg	U	V
46693	2	4	FT	BH40717AE	MOLYBDENUM	7439-98-7	40	1.3	mg/kg	U	V
46693	5	7	FT	BH40718AE	MOLYBDENUM	7439-98-7	40	1.3	mg/kg	U	V
46793	0	2	FT	BH40729AE	MOLYBDENUM	7439-98-7	40	1.8	mg/kg	U	J
46793	2	4	FT	BH40731AE	MOLYBDENUM	7439-98-7	40	1.4	mg/kg	U	V
46793	4	6	FT	BH40732AE	MOLYBDENUM	7439-98-7	40	1.5	mg/kg	U	V
46893	0	2	FT	BH40743AE	MOLYBDENUM	7439-98-7	40	1.1	mg/kg	U	V
46893	2	5	FT	BH40745AE	MOLYBDENUM	7439-98-7	40	1.1	mg/kg	U	V
46993	1	3	FT	BH40757AE	MOLYBDENUM	7439-98-7	40	1	mg/kg	U	V
46993	3	5	FT	BH40759AE	MOLYBDENUM	7439-98-7	40	1	mg/kg	U	V
47093	1	3	FT	BH40771AE	MOLYBDENUM	7439-98-7	200	1.4	mg/kg	U	V
47093	3	5	FT	BH40773AE	MOLYBDENUM	7439-98-7	200	1.3	mg/kg	U	V
47093	5	7	FT	BH40774AE	MOLYBDENUM	7439-98-7	200	1.3	mg/kg	U	V
P207589	0	3	FT	SEP0389BR0003	MOLYBDENUM	7439-98-7	2.3	5.8	mg/kg		
P207589	3	9	FT	SEP0389BR0309	MOLYBDENUM	7439-98-7	40	7.7	mg/kg		V
P208889	0	4	FT	SEP1689BR0004	MOLYBDENUM	7439-98-7	2.2	2.3	mg/kg		
P208889	4	10	FT	SEP1689BR0410	MOLYBDENUM	7439-98-7	40	2.5	mg/kg		V
P208989	3	9	FT	SEP1789BR0309	MOLYBDENUM	7439-98-7	40	2.5	mg/kg	U	V
P209089	0	3	FT	SEP1889BR0003	MOLYBDENUM	7439-98-7	2.2	2.2	mg/kg	U	
P209089	4	9	FT	SEP1889BR0309	MOLYBDENUM	7439-98-7	40	4.8	mg/kg		V
P209189	0	3	FT	SEP1989BR0003	MOLYBDENUM	7439-98-7	2.2	12.1	mg/kg		
P209189	3	10	FT	SEP1989BR0309	MOLYBDENUM	7439-98-7	40	14.2	mg/kg		A
P209489	0	3	FT	SEP2289BR0003	MOLYBDENUM	7439-98-7	2.2	2.2	mg/kg	U	
P209589	0	4	FT	SEP2389BR0004	MOLYBDENUM	7439-98-7	40	5.4	mg/kg		V
P209589	4	10	FT	SEP2389BR0410	MOLYBDENUM	7439-98-7	40	2.3	mg/kg	U	V
P209889	0	4	FT	SEP2689BR0004	MOLYBDENUM	7439-98-7	40	3.1	mg/kg		V
P209889	4	10	FT	SEP2689BR0410	MOLYBDENUM	7439-98-7	40	2.4	mg/kg	U	V
P210189	0	3	FT	SEP3089BR0003	MOLYBDENUM	7439-98-7	25	25	mg/kg	U	
P210189	3	9	FT	SEP3089BR0309	MOLYBDENUM	7439-98-7	40	21.9	mg/kg	U	V
P210289	0	3	FT	SEP3189BR0003	MOLYBDENUM	7439-98-7	2.5	10.7	mg/kg		
P210289	3	5	FT	SEP3189BR0306	MOLYBDENUM	7439-98-7	40	11.3	mg/kg		V
42493	5	7	IN	SS40083AE	MOLYBDENUM	7439-98-7	20	4.2	mg/kg	U	V
46593	7	8	IN	SS40140AE	MOLYBDENUM	7439-98-7	40	1.1	mg/kg	U	J
46993	10	16	IN	SS40144AE	MOLYBDENUM	7439-98-7	40	1.1	mg/kg	U	V
05093	0	6	FT	BH00061AE	NICKEL	7440-02-0	20	11.7	mg/kg		V
05193	0	5	FT	BH00066AE	NICKEL	7440-02-0	20	16.5	mg/kg		J
05393	0	5	FT	BH00076AE	NICKEL	7440-02-0	20	7.2	mg/kg	B	V
48195	0	2	FT	BH00101PE	NICKEL	7440-02-0		29.5	mg/kg		V
48195	2	4	FT	BH00102PE	NICKEL	7440-02-0		25	mg/kg		V
48195	4	6	FT	BH00103PE	NICKEL	7440-02-0		12.6	mg/kg		V
48295	0	2	FT	BH00104PE	NICKEL	7440-02-0		20.5	mg/kg	B	V
48295	2	4	FT	BH00105PE	NICKEL	7440-02-0		8.1	mg/kg	B	V
48295	4	6	FT	BH00106PE	NICKEL	7440-02-0		8.2	mg/kg	B	V
48395	0	2	FT	BH00107PE	NICKEL	7440-02-0		6.5	mg/kg		V
48395	2	4	FT	BH00108PE	NICKEL	7440-02-0		39.6	mg/kg		V
48395	4	5	FT	BH00109PE	NICKEL	7440-02-0		20.7	mg/kg		V

328

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
44593	0	6	FT	BH40001AE	NICKEL	7440-02-0	9.1	15.2	mg/kg		V
40893	0	7	FT	BH40030AE	NICKEL	7440-02-0	8.8	13	mg/kg		V
44393	0	5	FT	BH40033AE	NICKEL	7440-02-0	9	5.6	mg/kg	B	V
41193	0	6	FT	BH40049AE	NICKEL	7440-02-0	9	13.7	mg/kg		V
41993	0	6	FT	BH40062AE	NICKEL	7440-02-0	9	11.9	mg/kg		V
43893	0	6	FT	BH40070AE	NICKEL	7440-02-0	10	16.3	mg/kg		V
40293	0	3	FT	BH40118AE	NICKEL	7440-02-0	10	12.5	mg/kg		V
40393	0	5	FT	BH40123AE	NICKEL	7440-02-0	9	17	mg/kg		V
42993	1	6	FT	BH40141AE	NICKEL	7440-02-0	9	10.3	mg/kg		V
40793	0	5	FT	BH40157AE	NICKEL	7440-02-0	20	15.5	mg/kg		J
40093	0	6	FT	BH40167AE	NICKEL	7440-02-0	9	6.8	mg/kg	B	V
44893	0	5	FT	BH40188AE	NICKEL	7440-02-0	9	20.8	mg/kg		V
41293	0	3	FT	BH40196AE	NICKEL	7440-02-0	20	17.2	mg/kg		J
40993	0	5	FT	BH40201AE	NICKEL	7440-02-0	20	12	mg/kg		J
41693	0	5	FT	BH40217AE	NICKEL	7440-02-0	9	22.3	mg/kg		V
41793	0	5	FT	BH40243AE	NICKEL	7440-02-0	9	7.9	mg/kg	B	J
42293	1	6	FT	BH40253AE	NICKEL	7440-02-0	20	15.8	mg/kg		J
42393	0	5	FT	BH40261AE	NICKEL	7440-02-0	9	5.7	mg/kg	B	V
43193	0	5	FT	BH40306AE	NICKEL	7440-02-0	9	29.9	mg/kg		V
43493	0	5	FT	BH40319AE	NICKEL	7440-02-0	20	8.7	mg/kg	B	J
43493	5	10	FT	BH40322AE	NICKEL	7440-02-0	20	11.1	mg/kg		J
43793	0	5	FT	BH40332AE	NICKEL	7440-02-0	20	14.2	mg/kg		J
44093	0	6	FT	BH40348AE	NICKEL	7440-02-0	10	15.3	mg/kg		V
43993	0	5	FT	BH40353AE	NICKEL	7440-02-0	9	12.8	mg/kg		J
45693	0	6	FT	BH40374AE	NICKEL	7440-02-0	20	13.1	mg/kg		V
45893	0	5	FT	BH40377AE	NICKEL	7440-02-0	20	14.1	mg/kg		V
46193	0	6	FT	BH40385AE	NICKEL	7440-02-0	20	17.6	mg/kg		V
40793	0	5	FT	BH40413AE	NICKEL	7440-02-0	20	16.3	mg/kg		J
41593	0	2	FT	BH40417AE	NICKEL	7440-02-0	20	32.8	mg/kg		V
41593	2	4	FT	BH40418AE	NICKEL	7440-02-0	20	5.2	mg/kg	U	J
41593	4	6	FT	BH40419AE	NICKEL	7440-02-0	20	4.4	mg/kg	U	J
42193	0	2	FT	BH40425AE	NICKEL	7440-02-0	20	16.3	mg/kg		V
42193	0	4	FT	BH40426AE	NICKEL	7440-02-0	20	12.5	mg/kg		V
42193	0	5	FT	BH40427AE	NICKEL	7440-02-0	20	6.3	mg/kg	B	V
42493	0	2	FT	BH40438AE	NICKEL	7440-02-0	20	50.9	mg/kg		V
42493	0	4	FT	BH40439AE	NICKEL	7440-02-0	20	16.2	mg/kg		V
42493	0	5	FT	BH40440AE	NICKEL	7440-02-0	20	16.3	mg/kg		V
42493	4	8	FT	BH40441AE	NICKEL	7440-02-0	20	11.5	mg/kg		V
42593	0	2	FT	BH40446AE	NICKEL	7440-02-0	20	34.4	mg/kg		V
42593	0	4	FT	BH40447AE	NICKEL	7440-02-0	20	10.8	mg/kg		V
42593	0	5	FT	BH40448AE	NICKEL	7440-02-0	20	10.8	mg/kg		V
42593	4	8	FT	BH40449AE	NICKEL	7440-02-0	20	4.5	mg/kg	B	V
42093	0	5	FT	BH40483AE	NICKEL	7440-02-0	9	4.3	mg/kg	U	V
43393	0	2	FT	BH40510AE	NICKEL	7440-02-0	20	9.3	mg/kg	B	V
43393	0	4	FT	BH40511AE	NICKEL	7440-02-0	20	6.5	mg/kg	B	V
43393	0	5	FT	BH40512AE	NICKEL	7440-02-0	20	4.3	mg/kg	U	V
43393	5	8	FT	BH40517AE	NICKEL	7440-02-0	20	16.6	mg/kg		V
43693	0	2	FT	BH40518AE	NICKEL	7440-02-0	20	51.7	mg/kg		V
43693	0	4	FT	BH40519AE	NICKEL	7440-02-0	20	4.5	mg/kg	B	V
43693	0	5	FT	BH40520AE	NICKEL	7440-02-0	20	7.1	mg/kg	B	V
45793	0	4	FT	BH40557AE	NICKEL	7440-02-0	20	15.5	mg/kg		V
46593	1	3	FT	BH40700AE	NICKEL	7440-02-0	8	14.8	mg/kg		V
46593	3	5	FT	BH40702AE	NICKEL	7440-02-0	8	5.3	mg/kg	B	V
46593	5	7	FT	BH40703AE	NICKEL	7440-02-0	8	20.6	mg/kg		V
46593	5	9	FT	BH40705AE	NICKEL	7440-02-0	8	8.9	mg/kg		V
46693	0	2	FT	BH40715AE	NICKEL	7440-02-0	8	61.8	mg/kg		V
46693	2	4	FT	BH40717AE	NICKEL	7440-02-0	8	8.1	mg/kg	B	V
46693	5	7	FT	BH40718AE	NICKEL	7440-02-0	8	10.1	mg/kg		V
46793	0	2	FT	BH40729AE	NICKEL	7440-02-0	8	24.9	mg/kg		V
46793	2	4	FT	BH40731AE	NICKEL	7440-02-0	8	10.6	mg/kg		V
46793	4	6	FT	BH40732AE	NICKEL	7440-02-0	8	1.9	mg/kg	U	V
46893	0	2	FT	BH40743AE	NICKEL	7440-02-0	8	19.4	mg/kg		J
46893	2	5	FT	BH40745AE	NICKEL	7440-02-0	8	15.3	mg/kg		J
46993	1	3	FT	BH40757AE	NICKEL	7440-02-0	8	23.6	mg/kg		J
46993	3	5	FT	BH40759AE	NICKEL	7440-02-0	8	6.8	mg/kg	B	J
47093	1	3	FT	BH40771AE	NICKEL	7440-02-0	40	20.8	mg/kg		V
47093	3	5	FT	BH40773AE	NICKEL	7440-02-0	40	9.6	mg/kg		V

329

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
47093	5	7	FT	BH40774AE	NICKEL	7440-02-0	40	9.7	mg/kg		V
P207589	0	3	FT	SEP0389BR0003	NICKEL	7440-02-0	9.4	14.1	mg/kg		
P207589	3	9	FT	SEP0389BR0309	NICKEL	7440-02-0	8	9.1	mg/kg	J	A
P208889	0	4	FT	SEP1689BR0004	NICKEL	7440-02-0	8.7	8.7	mg/kg	U	
P208989	3	9	FT	SEP1789BR0309	NICKEL	7440-02-0	8	14.8	mg/kg		A
P209089	0	3	FT	SEP1889BR0003	NICKEL	7440-02-0	8.9	8.9	mg/kg	U	
P209089	4	9	FT	SEP1889BR0309	NICKEL	7440-02-0	8	35.7	mg/kg		A
P209189	0	3	FT	SEP1989BR0003	NICKEL	7440-02-0	8.9	15.8	mg/kg		
P209189	3	10	FT	SEP1989BR0309	NICKEL	7440-02-0	8	15.8	mg/kg		A
P209489	0	3	FT	SEP2289BR0003	NICKEL	7440-02-0	8.9	8.9	mg/kg	U	
P209489	3	7	FT	SEP2289BR0307	NICKEL	7440-02-0	8	5.9	mg/kg	UJ	A
P209589	0	4	FT	SEP2389BR0004	NICKEL	7440-02-0	8	2.9	mg/kg	UJ	A
P209889	0	4	FT	SEP2689BR0004	NICKEL	7440-02-0	8	2.6	mg/kg	UJ	A
P210189	0	3	FT	SEP3089BR0003	NICKEL	7440-02-0	10	19.7	mg/kg		
P210189	3	9	FT	SEP3089BR0309	NICKEL	7440-02-0	8	17.6	mg/kg		V
P210289	0	3	FT	SEP3189BR0003	NICKEL	7440-02-0	10	10	mg/kg	U	
P210289	3	5	FT	SEP3189BR0306	NICKEL	7440-02-0	8	10.5	mg/kg		A
42493	5	7	IN	SS40083AE	NICKEL	7440-02-0	20	9.2	mg/kg		V
46593	7	8	IN	SS40140AE	NICKEL	7440-02-0	8	29.8	mg/kg		V
46993	10	16	IN	SS40144AE	NICKEL	7440-02-0	8	18.6	mg/kg		J
48195	0	2	FT	BH00101PE	NITRATE/NITRITE	14797-55-8	1	1600	mg/kg		V
48195	2	4	FT	BH00102PE	NITRATE/NITRITE	14797-55-8	1	923	mg/kg		V
48195	4	6	FT	BH00103PE	NITRATE/NITRITE	14797-55-8	1	206	mg/kg		V
48295	0	2	FT	BH00104PE	NITRATE/NITRITE	14797-55-8	1	1062	mg/kg		V
48295	2	4	FT	BH00105PE	NITRATE/NITRITE	14797-55-8	1	619	mg/kg		V
48295	4	6	FT	BH00106PE	NITRATE/NITRITE	14797-55-8	1	316	mg/kg		V
48395	0	2	FT	BH00107PE	NITRATE/NITRITE	14797-55-8	1	696	mg/kg		V
48395	2	4	FT	BH00108PE	NITRATE/NITRITE	14797-55-8	1	920	mg/kg		V
48395	4	5	FT	BH00109PE	NITRATE/NITRITE	14797-55-8	1	430	mg/kg		V
05093	0	6	FT	BH00061AE	POTASSIUM	7440-09-7	1000	1240	mg/kg		V
05193	0	5	FT	BH00066AE	POTASSIUM	7440-09-7	1000	1760	mg/kg		J
05393	0	5	FT	BH00076AE	POTASSIUM	7440-09-7	1000	2010	mg/kg		V
48195	0	2	FT	BH00101PE	POTASSIUM	7440-09-7		5050	mg/kg		V
48195	2	4	FT	BH00102PE	POTASSIUM	7440-09-7		2020	mg/kg		V
48195	4	6	FT	BH00103PE	POTASSIUM	7440-09-7		715	mg/kg		V
48295	0	2	FT	BH00104PE	POTASSIUM	7440-09-7		5060	mg/kg		V
48295	2	4	FT	BH00105PE	POTASSIUM	7440-09-7		1350	mg/kg		V
48295	4	6	FT	BH00106PE	POTASSIUM	7440-09-7		966	mg/kg		V
48395	0	2	FT	BH00107PE	POTASSIUM	7440-09-7		3960	mg/kg		V
48395	2	4	FT	BH00108PE	POTASSIUM	7440-09-7		4890	mg/kg		J
48395	4	5	FT	BH00109PE	POTASSIUM	7440-09-7		2170	mg/kg		J
44593	0	6	FT	BH40001AE	POTASSIUM	7440-09-7	2267.6	1580	mg/kg		V
40893	0	7	FT	BH40030AE	POTASSIUM	7440-09-7	2194.4	788	mg/kg	B	V
44393	0	5	FT	BH40033AE	POTASSIUM	7440-09-7	1083	1700	mg/kg		V
41193	0	6	FT	BH40049AE	POTASSIUM	7440-09-7	1159	1440	mg/kg		V
41993	0	6	FT	BH40062AE	POTASSIUM	7440-09-7	1101	1830	mg/kg		V
43893	0	6	FT	BH40070AE	POTASSIUM	7440-09-7	1203	1330	mg/kg		V
40293	0	3	FT	BH40118AE	POTASSIUM	7440-09-7	2424	1130	mg/kg	B	J
40393	0	5	FT	BH40123AE	POTASSIUM	7440-09-7	1168	1110	mg/kg	B	V
42993	1	6	FT	BH40141AE	POTASSIUM	7440-09-7	2339	2190	mg/kg		J
40793	0	5	FT	BH40157AE	POTASSIUM	7440-09-7	1000	1420	mg/kg		V
40093	0	6	FT	BH40167AE	POTASSIUM	7440-09-7	1171	842	mg/kg	B	V
44893	0	5	FT	BH40188AE	POTASSIUM	7440-09-7	1155	1580	mg/kg		V
41293	0	3	FT	BH40196AE	POTASSIUM	7440-09-7	1000	1170	mg/kg		V
40993	0	5	FT	BH40201AE	POTASSIUM	7440-09-7	1000	1680	mg/kg		V
41693	0	5	FT	BH40217AE	POTASSIUM	7440-09-7	1168	3330	mg/kg		V
41793	0	5	FT	BH40243AE	POTASSIUM	7440-09-7	1099	1410	mg/kg		V
42293	1	6	FT	BH40253AE	POTASSIUM	7440-09-7	1000	1990	mg/kg		J
42393	0	5	FT	BH40261AE	POTASSIUM	7440-09-7	2153	1700	mg/kg		J
43193	0	5	FT	BH40306AE	POTASSIUM	7440-09-7	1183	3890	mg/kg		V
43493	0	5	FT	BH40319AE	POTASSIUM	7440-09-7	1000	1500	mg/kg		J
43493	5	10	FT	BH40322AE	POTASSIUM	7440-09-7	1000	1800	mg/kg		J
43793	0	5	FT	BH40332AE	POTASSIUM	7440-09-7	1000	1840	mg/kg		V
44093	0	6	FT	BH40348AE	POTASSIUM	7440-09-7	1205	1660	mg/kg		V
43993	0	5	FT	BH40353AE	POTASSIUM	7440-09-7	1163	1360	mg/kg		V
45693	0	6	FT	BH40374AE	POTASSIUM	7440-09-7	1000	1770	mg/kg		V
45893	0	5	FT	BH40377AE	POTASSIUM	7440-09-7	1000	1150	mg/kg		V

320

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46193	0	6	FT	BH40385AE	POTASSIUM	7440-09-7	1000	1970	mg/kg		J
40793	0	5	FT	BH40413AE	POTASSIUM	7440-09-7	1000	2210	mg/kg		V
41593	0	2	FT	BH40417AE	POTASSIUM	7440-09-7	1000	12600	mg/kg		J
41593	2	4	FT	BH40418AE	POTASSIUM	7440-09-7	1000	5080	mg/kg		J
41593	4	6	FT	BH40419AE	POTASSIUM	7440-09-7	1000	3030	mg/kg		J
42193	0	2	FT	BH40425AE	POTASSIUM	7440-09-7	1000	4670	mg/kg		V
42193	0	4	FT	BH40426AE	POTASSIUM	7440-09-7	1000	2300	mg/kg		V
42193	0	5	FT	BH40427AE	POTASSIUM	7440-09-7	1000	820	mg/kg	B	V
42493	0	2	FT	BH40438AE	POTASSIUM	7440-09-7	1000	2890	mg/kg		J
42493	0	4	FT	BH40439AE	POTASSIUM	7440-09-7	1000	1860	mg/kg		J
42493	0	5	FT	BH40440AE	POTASSIUM	7440-09-7	1000	1760	mg/kg		J
42493	4	8	FT	BH40441AE	POTASSIUM	7440-09-7	1000	1400	mg/kg		J
42593	0	2	FT	BH40446AE	POTASSIUM	7440-09-7	1000	5520	mg/kg		V
42593	0	4	FT	BH40447AE	POTASSIUM	7440-09-7	1000	1370	mg/kg		V
42593	0	5	FT	BH40448AE	POTASSIUM	7440-09-7	1000	564	mg/kg	B	V
42593	4	8	FT	BH40449AE	POTASSIUM	7440-09-7	1000	883	mg/kg	B	V
42093	0	5	FT	BH40483AE	POTASSIUM	7440-09-7	1078	637	mg/kg	B	V
43393	0	2	FT	BH40510AE	POTASSIUM	7440-09-7	1000	6770	mg/kg		V
43393	0	4	FT	BH40511AE	POTASSIUM	7440-09-7	1000	3050	mg/kg		V
43393	0	5	FT	BH40512AE	POTASSIUM	7440-09-7	1000	3230	mg/kg		V
43393	5	8	FT	BH40517AE	POTASSIUM	7440-09-7	1000	3590	mg/kg		V
43693	0	2	FT	BH40518AE	POTASSIUM	7440-09-7	1000	5500	mg/kg		J
43693	0	4	FT	BH40519AE	POTASSIUM	7440-09-7	1000	3500	mg/kg		J
43693	0	5	FT	BH40520AE	POTASSIUM	7440-09-7	1000	3530	mg/kg		J
45793	0	4	FT	BH40557AE	POTASSIUM	7440-09-7	1000	950	mg/kg	B	V
46593	1	3	FT	BH40700AE	POTASSIUM	7440-09-7	1000	2650	mg/kg		V
46593	3	5	FT	BH40702AE	POTASSIUM	7440-09-7	1000	2360	mg/kg		V
46593	5	7	FT	BH40703AE	POTASSIUM	7440-09-7	1000	2500	mg/kg		V
46593	5	9	FT	BH40705AE	POTASSIUM	7440-09-7	1000	1880	mg/kg		V
46693	0	2	FT	BH40715AE	POTASSIUM	7440-09-7	1000	21100	mg/kg		V
46693	2	4	FT	BH40717AE	POTASSIUM	7440-09-7	1000	6700	mg/kg		V
46693	5	7	FT	BH40718AE	POTASSIUM	7440-09-7	1000	5260	mg/kg		V
46793	0	2	FT	BH40729AE	POTASSIUM	7440-09-7	1000	10700	mg/kg		V
46793	2	4	FT	BH40731AE	POTASSIUM	7440-09-7	1000	6840	mg/kg		V
46793	4	6	FT	BH40732AE	POTASSIUM	7440-09-7	1000	1570	mg/kg		V
46893	0	2	FT	BH40743AE	POTASSIUM	7440-09-7	1000	1110	mg/kg	B	V
46893	2	5	FT	BH40745AE	POTASSIUM	7440-09-7	1000	665	mg/kg	B	V
46893	5	7	FT	BH40746AE	POTASSIUM	7440-09-7	1000	492	mg/kg	B	V
46993	1	3	FT	BH40757AE	POTASSIUM	7440-09-7	1000	5060	mg/kg		V
46993	3	5	FT	BH40759AE	POTASSIUM	7440-09-7	1000	1880	mg/kg		V
47093	1	3	FT	BH40771AE	POTASSIUM	7440-09-7	5000	1210	mg/kg		V
47093	3	5	FT	BH40773AE	POTASSIUM	7440-09-7	5000	1180	mg/kg		V
47093	5	7	FT	BH40774AE	POTASSIUM	7440-09-7	5000	1610	mg/kg		V
P207589	0	3	FT	SEP0389BR0003	POTASSIUM	7440-09-7	1170	1380	mg/kg		
P207589	3	9	FT	SEP0389BR0309	POTASSIUM	7440-09-7	2000	933	mg/kg	UJ	A
P208889	0	4	FT	SEP1689BR0004	POTASSIUM	7440-09-7	1090	2520	mg/kg		
P208889	4	10	FT	SEP1689BR0410	POTASSIUM	7440-09-7	2000	132	mg/kg	UJ	A
P208989	3	9	FT	SEP1789BR0309	POTASSIUM	7440-09-7	2000	6770	mg/kg	U	A
P209089	0	3	FT	SEP1889BR0003	POTASSIUM	7440-09-7	1110	1110	mg/kg	U	
P209089	4	9	FT	SEP1889BR0309	POTASSIUM	7440-09-7	2000	2370	mg/kg		A
P209189	0	3	FT	SEP1989BR0003	POTASSIUM	7440-09-7	1110	1980	mg/kg		
P209189	3	10	FT	SEP1989BR0309	POTASSIUM	7440-09-7	2000	3740	mg/kg		V
P209489	0	3	FT	SEP2289BR0003	POTASSIUM	7440-09-7	1110	1110	mg/kg	U	
P209489	3	7	FT	SEP2289BR0307	POTASSIUM	7440-09-7	2000	313	mg/kg	UJ	A
P209589	0	4	FT	SEP2389BR0004	POTASSIUM	7440-09-7	2000	2590	mg/kg		A
P209589	4	10	FT	SEP2389BR0410	POTASSIUM	7440-09-7	2000	1950	mg/kg		A
P209889	0	4	FT	SEP2689BR0004	POTASSIUM	7440-09-7	2000	1480	mg/kg		A
P209889	4	10	FT	SEP2689BR0410	POTASSIUM	7440-09-7	2000	402	mg/kg	UJ	A
P210189	0	3	FT	SEP3089BR0003	POTASSIUM	7440-09-7	125	4320	mg/kg		
P210189	3	9	FT	SEP3089BR0309	POTASSIUM	7440-09-7	2000	4620	mg/kg		A
P210289	0	3	FT	SEP3189BR0003	POTASSIUM	7440-09-7	1250	2340	mg/kg		
P210289	3	5	FT	SEP3189BR0306	POTASSIUM	7440-09-7	2000	1150	mg/kg	UJ	A
42493	5	7	IN	SS40083AE	POTASSIUM	7440-09-7	1000	2150	mg/kg		V
46593	7	8	IN	SS40140AE	POTASSIUM	7440-09-7	1000	4420	mg/kg		V
46993	10	16	IN	SS40144AE	POTASSIUM	7440-09-7	1000	8620	mg/kg		V
05093	0	6	FT	BH00061AE	SELENIUM	7782-49-2	2	0.44	mg/kg	U	V
05193	0	5	FT	BH00066AE	SELENIUM	7782-49-2	2	0.48	mg/kg	UWN	J

331

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05393	0	5	FT	BH00076AE	SELENIUM	7782-49-2	2	0.43	mg/kg	UW	J
48195	0	2	FT	BH00101PE	SELENIUM	7782-49-2	0.79	0.79	mg/kg	U	V
48195	2	4	FT	BH00102PE	SELENIUM	7782-49-2	0.82	0.82	mg/kg	U	V
48195	4	6	FT	BH00103PE	SELENIUM	7782-49-2	0.64	0.64	mg/kg	U	V
48295	0	2	FT	BH00104PE	SELENIUM	7782-49-2	0.64	1.4	mg/kg	BW	V
48295	2	4	FT	BH00105PE	SELENIUM	7782-49-2	0.49	0.49	mg/kg	BW	V
48295	4	6	FT	BH00106PE	SELENIUM	7782-49-2	0.49	0.52	mg/kg	BW	V
48395	0	2	FT	BH00107PE	SELENIUM	7782-49-2	0.49	1.1	mg/kg	W	V
48395	2	4	FT	BH00108PE	SELENIUM	7782-49-2	0.49	0.95	mg/kg	BW	J
48395	4	5	FT	BH00109PE	SELENIUM	7782-49-2	0.8	0.8	mg/kg	BW	J
44593	0	6	FT	BH40001AE	SELENIUM	7782-49-2	1.1	0.45	mg/kg	UW	J
40893	0	7	FT	BH40030AE	SELENIUM	7782-49-2	1.1	0.44	mg/kg	UW	J
44393	0	5	FT	BH40033AE	SELENIUM	7782-49-2	1	0.43	mg/kg	UN	J
41193	0	6	FT	BH40049AE	SELENIUM	7782-49-2	1	0.46	mg/kg	UWN	J
41993	0	6	FT	BH40062AE	SELENIUM	7782-49-2	1	0.44	mg/kg	U	V
43893	0	6	FT	BH40070AE	SELENIUM	7782-49-2	1	0.48	mg/kg	UN	J
40293	0	3	FT	BH40118AE	SELENIUM	7782-49-2	1	0.48	mg/kg	U	V
40393	0	5	FT	BH40123AE	SELENIUM	7782-49-2	1	0.47	mg/kg	UN	J
42993	1	6	FT	BH40141AE	SELENIUM	7782-49-2	1	0.47	mg/kg	U	V
40793	0	5	FT	BH40157AE	SELENIUM	7782-49-2	2	0.48	mg/kg	UN	J
40093	0	6	FT	BH40167AE	SELENIUM	7782-49-2	1	0.47	mg/kg	U	V
44893	0	5	FT	BH40188AE	SELENIUM	7782-49-2	1	0.46	mg/kg	U	V
41293	0	3	FT	BH40196AE	SELENIUM	7782-49-2	2	0.43	mg/kg	UN	J
40993	0	5	FT	BH40201AE	SELENIUM	7782-49-2	2	0.45	mg/kg	UN	J
41693	0	5	FT	BH40217AE	SELENIUM	7782-49-2	1	0.47	mg/kg	U	V
41793	0	5	FT	BH40243AE	SELENIUM	7782-49-2	1	0.44	mg/kg	UW	J
42293	1	6	FT	BH40253AE	SELENIUM	7782-49-2	2	0.46	mg/kg	UWN	J
42393	0	5	FT	BH40261AE	SELENIUM	7782-49-2	1	0.43	mg/kg	U	V
43193	0	5	FT	BH40306AE	SELENIUM	7782-49-2	1	0.47	mg/kg	U	V
43493	0	5	FT	BH40319AE	SELENIUM	7782-49-2	2	0.46	mg/kg	UWN	J
43493	5	10	FT	BH40322AE	SELENIUM	7782-49-2	2	0.45	mg/kg	UN	J
43793	0	5	FT	BH40332AE	SELENIUM	7782-49-2	2	0.48	mg/kg	UN	J
44093	0	6	FT	BH40348AE	SELENIUM	7782-49-2	1	0.48	mg/kg	UWN	J
43993	0	5	FT	BH40353AE	SELENIUM	7782-49-2	1	0.47	mg/kg	UW	J
45693	0	6	FT	BH40374AE	SELENIUM	7782-49-2	2	0.51	mg/kg	U	V
45893	0	5	FT	BH40377AE	SELENIUM	7782-49-2	2	0.46	mg/kg	U	V
46193	0	6	FT	BH40385AE	SELENIUM	7782-49-2	2	0.5	mg/kg	U	V
40793	0	5	FT	BH40413AE	SELENIUM	7782-49-2	2	0.48	mg/kg	UN	J
41593	0	2	FT	BH40417AE	SELENIUM	7782-49-2	2	0.57	mg/kg	UWN	J
41593	2	4	FT	BH40418AE	SELENIUM	7782-49-2	2	0.52	mg/kg	UN	J
41593	4	6	FT	BH40419AE	SELENIUM	7782-49-2	2	0.44	mg/kg	UWN	J
42193	0	2	FT	BH40425AE	SELENIUM	7782-49-2	2	0.63	mg/kg	B	V
42193	0	4	FT	BH40426AE	SELENIUM	7782-49-2	2	0.44	mg/kg	U	V
42193	0	5	FT	BH40427AE	SELENIUM	7782-49-2	2	0.45	mg/kg	U	V
42493	0	2	FT	BH40438AE	SELENIUM	7782-49-2	2	0.47	mg/kg	U	V
42493	0	4	FT	BH40439AE	SELENIUM	7782-49-2	2	0.44	mg/kg	UW	J
42493	0	5	FT	BH40440AE	SELENIUM	7782-49-2	2	0.43	mg/kg	U	V
42493	4	8	FT	BH40441AE	SELENIUM	7782-49-2	2	0.46	mg/kg	U	V
42593	0	2	FT	BH40446AE	SELENIUM	7782-49-2	2	0.45	mg/kg	UW	V
42593	0	4	FT	BH40447AE	SELENIUM	7782-49-2	2	0.43	mg/kg	U	V
42593	0	5	FT	BH40448AE	SELENIUM	7782-49-2	2	0.43	mg/kg	U	V
42593	4	8	FT	BH40449AE	SELENIUM	7782-49-2	2	0.43	mg/kg	U	V
42093	0	5	FT	BH40483AE	SELENIUM	7782-49-2	1	0.43	mg/kg	U	V
43393	0	2	FT	BH40510AE	SELENIUM	7782-49-2	2	0.47	mg/kg	U	V
43393	0	4	FT	BH40511AE	SELENIUM	7782-49-2	2	0.43	mg/kg	UW	V
43393	0	5	FT	BH40512AE	SELENIUM	7782-49-2	2	0.43	mg/kg	UW	J
43393	5	8	FT	BH40517AE	SELENIUM	7782-49-2	2	0.49	mg/kg	U	V
43693	0	2	FT	BH40518AE	SELENIUM	7782-49-2	2	0.45	mg/kg	UW	J
43693	0	4	FT	BH40519AE	SELENIUM	7782-49-2	2	0.43	mg/kg	UW	J
43693	0	5	FT	BH40520AE	SELENIUM	7782-49-2	2	0.43	mg/kg	U	V
45793	0	4	FT	BH40557AE	SELENIUM	7782-49-2	2	0.44	mg/kg	U	V
46593	1	3	FT	BH40700AE	SELENIUM	7782-49-2	1	0.23	mg/kg	UN	J
46593	3	5	FT	BH40702AE	SELENIUM	7782-49-2	1	0.21	mg/kg	UN	J
46593	5	7	FT	BH40703AE	SELENIUM	7782-49-2	1	0.23	mg/kg	UN	J
46593	5	9	FT	BH40705AE	SELENIUM	7782-49-2	1	0.22	mg/kg	UN	J
46693	0	2	FT	BH40715AE	SELENIUM	7782-49-2	1	0.78	mg/kg	BWN	J
46693	2	4	FT	BH40717AE	SELENIUM	7782-49-2	1	0.22	mg/kg	UWN	J

332

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46693	5	7	FT	BH40718AE	SELENIUM	7782-49-2	1	0.22	mg/kg	UN	J
46793	0	2	FT	BH40729AE	SELENIUM	7782-49-2	1	0.98	mg/kg	B	V
46793	2	4	FT	BH40731AE	SELENIUM	7782-49-2	1	0.46	mg/kg	U	V
46793	4	6	FT	BH40732AE	SELENIUM	7782-49-2	1	0.47	mg/kg	U	V
46893	0	2	FT	BH40743AE	SELENIUM	7782-49-2	1	0.2	mg/kg	U	J
46893	2	5	FT	BH40745AE	SELENIUM	7782-49-2	1	0.19	mg/kg	U	J
46893	5	7	FT	BH40746AE	SELENIUM	7782-49-2	1	0.18	mg/kg	U	J
46993	1	3	FT	BH40757AE	SELENIUM	7782-49-2	1	0.18	mg/kg	U	J
46993	3	5	FT	BH40759AE	SELENIUM	7782-49-2	1	0.18	mg/kg	U	J
47093	1	3	FT	BH40771AE	SELENIUM	7782-49-2	5	0.23	mg/kg	U	V
47093	3	5	FT	BH40773AE	SELENIUM	7782-49-2	5	0.22	mg/kg	U	V
47093	5	7	FT	BH40774AE	SELENIUM	7782-49-2	5	0.22	mg/kg	U	V
P207589	0	3	FT	SEP0389BR0003	SELENIUM	7782-49-2	6	6	mg/kg	U	
P208889	0	4	FT	SEP1689BR0004	SELENIUM	7782-49-2	5.3	5.3	mg/kg	U	
P208989	3	9	FT	SEP1789BR0309	SELENIUM	7782-49-2	1	1.2	mg/kg	UJ	A
P209089	0	3	FT	SEP1889BR0003	SELENIUM	7782-49-2	5.7	5.7	mg/kg	U	
P209089	4	9	FT	SEP1889BR0309	SELENIUM	7782-49-2	1	1.2	mg/kg	UJ	A
P209189	0	3	FT	SEP1989BR0003	SELENIUM	7782-49-2	5.4	5.4	mg/kg	U	
P209489	0	3	FT	SEP2289BR0003	SELENIUM	7782-49-2	1.1	1.1	mg/kg	U	
P209489	3	7	FT	SEP2289BR0307	SELENIUM	7782-49-2	1	1.3	mg/kg	UJ	A
P210189	0	3	FT	SEP3089BR0003	SELENIUM	7782-49-2	2.5	2.5	mg/kg	U	
P210189	3	9	FT	SEP3089BR0309	SELENIUM	7782-49-2	1	1.3	mg/kg		A
P210289	0	3	FT	SEP3189BR0003	SELENIUM	7782-49-2	6.3	6.3	mg/kg	U	
42493	5	7	IN	SS40083AE	SELENIUM	7782-49-2	2	0.42	mg/kg	U	V
46593	7	8	IN	SS40140AE	SELENIUM	7782-49-2	1	0.19	mg/kg	U	J
46993	10	16	IN	SS40144AE	SELENIUM	7782-49-2	1	0.19	mg/kg	U	J
05093	0	6	FT	BH00061AE	SILICON	7440-21-3	100	5770	mg/kg		V
05193	0	5	FT	BH00066AE	SILICON	7440-21-3	100	8280	mg/kg		J
05393	0	5	FT	BH00076AE	SILICON	7440-21-3	100	6270	mg/kg		V
44593	0	6	FT	BH40001AE	SILICON	7440-21-3	22.7	1320	mg/kg		J
40893	0	7	FT	BH40030AE	SILICON	7440-21-3	21.9	1060	mg/kg		J
44393	0	5	FT	BH40033AE	SILICON	7440-21-3	22	2840	mg/kg		J
41193	0	6	FT	BH40049AE	SILICON	7440-21-3	23	3030	mg/kg		J
41993	0	6	FT	BH40062AE	SILICON	7440-21-3	22	1420	mg/kg		J
43893	0	6	FT	BH40070AE	SILICON	7440-21-3	24	3890	mg/kg		J
40293	0	3	FT	BH40118AE	SILICON	7440-21-3	24	810	mg/kg	N	J
40393	0	5	FT	BH40123AE	SILICON	7440-21-3	23	3010	mg/kg		J
42993	1	6	FT	BH40141AE	SILICON	7440-21-3	23	1010	mg/kg	N	J
40793	0	5	FT	BH40157AE	SILICON	7440-21-3	100	1990	mg/kg		J
40093	0	6	FT	BH40167AE	SILICON	7440-21-3	23	1330	mg/kg		J
44893	0	5	FT	BH40188AE	SILICON	7440-21-3	23	1010	mg/kg		J
41293	0	3	FT	BH40196AE	SILICON	7440-21-3	100	2040	mg/kg		J
40993	0	5	FT	BH40201AE	SILICON	7440-21-3	100	2440	mg/kg		J
41693	0	5	FT	BH40217AE	SILICON	7440-21-3	23	1240	mg/kg	E	J
41793	0	5	FT	BH40243AE	SILICON	7440-21-3	22	1360	mg/kg	E	J
42293	1	6	FT	BH40253AE	SILICON	7440-21-3	100	8320	mg/kg		J
42393	0	5	FT	BH40261AE	SILICON	7440-21-3	22	583	mg/kg	N	J
43193	0	5	FT	BH40306AE	SILICON	7440-21-3	24	1680	mg/kg	E	J
43493	0	5	FT	BH40319AE	SILICON	7440-21-3	100	7090	mg/kg		J
43493	5	10	FT	BH40322AE	SILICON	7440-21-3	100	7030	mg/kg		J
43793	0	5	FT	BH40332AE	SILICON	7440-21-3	100	2760	mg/kg		J
44093	0	6	FT	BH40348AE	SILICON	7440-21-3	24	4750	mg/kg		J
43993	0	5	FT	BH40353AE	SILICON	7440-21-3	23	1130	mg/kg	E	J
45693	0	6	FT	BH40374AE	SILICON	7440-21-3	100	920	mg/kg		J
45893	0	5	FT	BH40377AE	SILICON	7440-21-3	100	1540	mg/kg	N	J
46193	0	6	FT	BH40385AE	SILICON	7440-21-3	100	1430	mg/kg	*	J
40793	0	5	FT	BH40413AE	SILICON	7440-21-3	100	2220	mg/kg		J
41593	0	2	FT	BH40417AE	SILICON	7440-21-3	100	14000	mg/kg		J
41593	2	4	FT	BH40418AE	SILICON	7440-21-3	100	8560	mg/kg		J
41593	4	6	FT	BH40419AE	SILICON	7440-21-3	100	8910	mg/kg		J
42193	0	2	FT	BH40425AE	SILICON	7440-21-3	100	490	mg/kg		J
42193	0	4	FT	BH40426AE	SILICON	7440-21-3	100	690	mg/kg		J
42193	0	5	FT	BH40427AE	SILICON	7440-21-3	100	900	mg/kg		J
42493	0	2	FT	BH40438AE	SILICON	7440-21-3	100	1720	mg/kg	*	J
42493	0	4	FT	BH40439AE	SILICON	7440-21-3	100	1620	mg/kg	*	J
42493	0	5	FT	BH40440AE	SILICON	7440-21-3	100	1100	mg/kg	*	J
42493	4	8	FT	BH40441AE	SILICON	7440-21-3	100	750	mg/kg	*	J

333

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42593	0	2	FT	BH40446AE	SILICON	7440-21-3	100	3110	mg/kg	N	J
42593	0	4	FT	BH40447AE	SILICON	7440-21-3	100	1140	mg/kg	N	J
42593	0	5	FT	BH40448AE	SILICON	7440-21-3	100	1240	mg/kg	N	J
42593	4	8	FT	BH40449AE	SILICON	7440-21-3	100	1280	mg/kg	N	J
42093	0	5	FT	BH40483AE	SILICON	7440-21-3	22	1010	mg/kg		J
43393	0	2	FT	BH40510AE	SILICON	7440-21-3	100	670	mg/kg		J
43393	0	4	FT	BH40511AE	SILICON	7440-21-3	100	360	mg/kg		J
43393	0	5	FT	BH40512AE	SILICON	7440-21-3	100	360	mg/kg		J
43393	5	8	FT	BH40517AE	SILICON	7440-21-3	100	1350	mg/kg		J
43693	0	2	FT	BH40518AE	SILICON	7440-21-3	100	910	mg/kg	*	J
43693	0	4	FT	BH40519AE	SILICON	7440-21-3	100	773	mg/kg	*	J
43693	0	5	FT	BH40520AE	SILICON	7440-21-3	100	1090	mg/kg	*	J
45793	0	4	FT	BH40557AE	SILICON	7440-21-3	100	930	mg/kg		J
42493	5	7	IN	SS40083AE	SILICON	7440-21-3	100	901	mg/kg	N	J
05093	0	6	FT	BH00061AE	SILVER	7440-22-4	10	2.2	mg/kg	U	V
05193	0	5	FT	BH00066AE	SILVER	7440-22-4	10	2.4	mg/kg	UN	J
05393	0	5	FT	BH00076AE	SILVER	7440-22-4	10	2.2	mg/kg	U	V
48195	0	2	FT	BH00101PE	SILVER	7440-22-4	0.81	0.44	mg/kg	B	V
48195	2	4	FT	BH00102PE	SILVER	7440-22-4	0.81	0.47	mg/kg	B	V
48195	4	6	FT	BH00103PE	SILVER	7440-22-4	0.41	0.41	mg/kg	U	V
48295	0	2	FT	BH00104PE	SILVER	7440-22-4	0.45	0.45	mg/kg	U	V
48295	2	4	FT	BH00105PE	SILVER	7440-22-4	0.41	0.41	mg/kg	U	V
48295	4	6	FT	BH00106PE	SILVER	7440-22-4	0.42	0.42	mg/kg	U	V
48395	0	2	FT	BH00107PE	SILVER	7440-22-4	0.93	0.5	mg/kg	B	V
48395	2	4	FT	BH00108PE	SILVER	7440-22-4	0.93	0.67	mg/kg	B	UJ
48395	4	5	FT	BH00109PE	SILVER	7440-22-4	0.42	0.42	mg/kg	U	Z
44593	0	6	FT	BH40001AE	SILVER	7440-22-4	2.3	2.3	mg/kg	UN	J
40893	0	7	FT	BH40030AE	SILVER	7440-22-4	2.2	2.2	mg/kg	UN	J
44393	0	5	FT	BH40033AE	SILVER	7440-22-4	2	2.2	mg/kg	UN	J
41193	0	6	FT	BH40049AE	SILVER	7440-22-4	2	2.3	mg/kg	UN	J
41993	0	6	FT	BH40062AE	SILVER	7440-22-4	2	2.2	mg/kg	UN	J
43893	0	6	FT	BH40070AE	SILVER	7440-22-4	2	2.4	mg/kg	UN	J
40293	0	3	FT	BH40118AE	SILVER	7440-22-4	2	2.4	mg/kg	UN	J
40393	0	5	FT	BH40123AE	SILVER	7440-22-4	2	2.3	mg/kg	UN	J
42993	1	6	FT	BH40141AE	SILVER	7440-22-4	2	2.3	mg/kg	UN	J
40793	0	5	FT	BH40157AE	SILVER	7440-22-4	10	2.4	mg/kg	UN	V
40093	0	6	FT	BH40167AE	SILVER	7440-22-4	2	2.3	mg/kg	UN	J
44893	0	5	FT	BH40188AE	SILVER	7440-22-4	2	2.3	mg/kg	UN	J
41293	0	3	FT	BH40196AE	SILVER	7440-22-4	10	2.2	mg/kg	UN	V
40993	0	5	FT	BH40201AE	SILVER	7440-22-4	10	2.2	mg/kg	UN	V
41693	0	5	FT	BH40217AE	SILVER	7440-22-4	2	2.3	mg/kg	UN	J
41793	0	5	FT	BH40243AE	SILVER	7440-22-4	2	2.2	mg/kg	UN	J
42293	1	6	FT	BH40253AE	SILVER	7440-22-4	10	2.3	mg/kg	UN	J
42393	0	5	FT	BH40261AE	SILVER	7440-22-4	2	2.2	mg/kg	UN	J
43193	0	5	FT	BH40306AE	SILVER	7440-22-4	2	2.4	mg/kg	UN	J
43493	0	5	FT	BH40319AE	SILVER	7440-22-4	10	2.3	mg/kg	UN	J
43493	5	10	FT	BH40322AE	SILVER	7440-22-4	10	2.2	mg/kg	UN	J
43793	0	5	FT	BH40332AE	SILVER	7440-22-4	10	2.4	mg/kg	UN	V
44093	0	6	FT	BH40348AE	SILVER	7440-22-4	2	2.4	mg/kg	UN	J
43993	0	5	FT	BH40353AE	SILVER	7440-22-4	2	2.3	mg/kg	UN	J
45693	0	6	FT	BH40374AE	SILVER	7440-22-4	10	2.6	mg/kg	UN	J
45893	0	5	FT	BH40377AE	SILVER	7440-22-4	10	2.3	mg/kg	UN	V
46193	0	6	FT	BH40385AE	SILVER	7440-22-4	10	2.5	mg/kg	UN	V
40793	0	5	FT	BH40413AE	SILVER	7440-22-4	10	2.4	mg/kg	UN	V
41593	0	2	FT	BH40417AE	SILVER	7440-22-4	10	5.7	mg/kg	UN	V
41593	2	4	FT	BH40418AE	SILVER	7440-22-4	10	2.6	mg/kg	UN	J
41593	4	6	FT	BH40419AE	SILVER	7440-22-4	10	2.2	mg/kg	UN	J
42193	0	2	FT	BH40425AE	SILVER	7440-22-4	10	2.3	mg/kg	UN	J
42193	0	4	FT	BH40426AE	SILVER	7440-22-4	10	2.2	mg/kg	UN	J
42193	0	5	FT	BH40427AE	SILVER	7440-22-4	10	2.3	mg/kg	UN	J
42493	0	2	FT	BH40438AE	SILVER	7440-22-4	10	2.3	mg/kg	UN	V
42493	0	4	FT	BH40439AE	SILVER	7440-22-4	10	2.2	mg/kg	UN	V
42493	0	5	FT	BH40440AE	SILVER	7440-22-4	10	2.2	mg/kg	UN	V
42493	4	8	FT	BH40441AE	SILVER	7440-22-4	10	2.3	mg/kg	UN	V
42593	0	2	FT	BH40446AE	SILVER	7440-22-4	10	2.2	mg/kg	UN	V
42593	0	4	FT	BH40447AE	SILVER	7440-22-4	10	2.2	mg/kg	UN	V
42593	0	5	FT	BH40448AE	SILVER	7440-22-4	10	2.1	mg/kg	UN	V

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42593	4	8	FT	BH40449AE	SILVER	7440-22-4	10	2.2	mg/kg	UN	V
42093	0	5	FT	BH40483AE	SILVER	7440-22-4	2	2.2	mg/kg	UN	J
43393	0	2	FT	BH40510AE	SILVER	7440-22-4	10	2.3	mg/kg	UN	J
43393	0	4	FT	BH40511AE	SILVER	7440-22-4	10	2.1	mg/kg	UN	J
43393	0	5	FT	BH40512AE	SILVER	7440-22-4	10	2.2	mg/kg	UN	J
43393	5	8	FT	BH40517AE	SILVER	7440-22-4	10	2.5	mg/kg	UN	J
43693	0	2	FT	BH40518AE	SILVER	7440-22-4	10	2.3	mg/kg	UN	V
43693	0	4	FT	BH40519AE	SILVER	7440-22-4	10	2.2	mg/kg	UN	V
43693	0	5	FT	BH40520AE	SILVER	7440-22-4	10	2.1	mg/kg	UN	V
45793	0	4	FT	BH40557AE	SILVER	7440-22-4	10	2.2	mg/kg	UN	J
46593	1	3	FT	BH40700AE	SILVER	7440-22-4	2	0.67	mg/kg	U	V
46593	3	5	FT	BH40702AE	SILVER	7440-22-4	2	0.61	mg/kg	U	V
46593	5	7	FT	BH40703AE	SILVER	7440-22-4	2	0.67	mg/kg	U	V
46593	5	9	FT	BH40705AE	SILVER	7440-22-4	2	0.66	mg/kg	U	V
46693	0	2	FT	BH40715AE	SILVER	7440-22-4	2	0.75	mg/kg	U	V
46693	2	4	FT	BH40717AE	SILVER	7440-22-4	2	0.66	mg/kg	U	V
46693	5	7	FT	BH40718AE	SILVER	7440-22-4	2	0.64	mg/kg	U	V
46793	0	2	FT	BH40729AE	SILVER	7440-22-4	2	0.68	mg/kg	U	V
46793	2	4	FT	BH40731AE	SILVER	7440-22-4	2	0.71	mg/kg	U	V
46793	4	6	FT	BH40732AE	SILVER	7440-22-4	2	0.73	mg/kg	U	V
46893	0	2	FT	BH40743AE	SILVER	7440-22-4	2	1	mg/kg	U	V
46893	2	5	FT	BH40745AE	SILVER	7440-22-4	2	0.96	mg/kg	U	V
46993	1	3	FT	BH40757AE	SILVER	7440-22-4	2	0.9	mg/kg	U	V
46993	3	5	FT	BH40759AE	SILVER	7440-22-4	2	0.91	mg/kg	U	V
47093	1	3	FT	BH40771AE	SILVER	7440-22-4	10	0.7	mg/kg	U	V
47093	3	5	FT	BH40773AE	SILVER	7440-22-4	10	0.65	mg/kg	U	V
47093	5	7	FT	BH40774AE	SILVER	7440-22-4	10	0.63	mg/kg	U	V
P207589	0	3	FT	SEP0389BR0003	SILVER	7440-22-4	2.3	2.3	mg/kg	U	
P207589	3	9	FT	SEP0389BR0309	SILVER	7440-22-4	2	0.55	mg/kg	U	V
P208889	0	4	FT	SEP1689BR0004	SILVER	7440-22-4	2.2	2.2	mg/kg	U	
P208989	3	9	FT	SEP1789BR0309	SILVER	7440-22-4	2	1	mg/kg	J	A
P209089	0	3	FT	SEP1889BR0003	SILVER	7440-22-4	2.2	2.2	mg/kg	U	
P209089	4	9	FT	SEP1889BR0309	SILVER	7440-22-4	2	0.96	mg/kg	UJ	A
P209189	0	3	FT	SEP1989BR0003	SILVER	7440-22-4	2.2	2.7	mg/kg		
P209189	3	10	FT	SEP1989BR0309	SILVER	7440-22-4	2	1.7	mg/kg	UJ	A
P209489	0	3	FT	SEP2289BR0003	SILVER	7440-22-4	2.2	2.2	mg/kg	U	
P209489	3	7	FT	SEP2289BR0307	SILVER	7440-22-4	2	0.53	mg/kg	J	A
P209589	0	4	FT	SEP2389BR0004	SILVER	7440-22-4	2	0.98	mg/kg	J	A
P209589	4	10	FT	SEP2389BR0410	SILVER	7440-22-4	2	0.58	mg/kg	J	A
P209889	0	4	FT	SEP2689BR0004	SILVER	7440-22-4	2	0.66	mg/kg	J	A
P210189	0	3	FT	SEP3089BR0003	SILVER	7440-22-4	2.5	5.2	mg/kg		
P210189	3	9	FT	SEP3089BR0309	SILVER	7440-22-4	2	1.5	mg/kg	U	V
P210289	0	3	FT	SEP3189BR0003	SILVER	7440-22-4	2.5	2.5	mg/kg	U	
P210289	3	5	FT	SEP3189BR0306	SILVER	7440-22-4	2	1.9	mg/kg	J	A
42493	5	7	IN	SS40083AE	SILVER	7440-22-4	10	2.1	mg/kg	UN	V
46593	7	8	IN	SS40140AE	SILVER	7440-22-4	2	0.96	mg/kg	U	V
46993	10	16	IN	SS40144AE	SILVER	7440-22-4	2	0.96	mg/kg	U	V
05093	0	6	FT	BH00061AE	SODIUM	7440-23-5	1000	220	mg/kg	U	V
05193	0	5	FT	BH00066AE	SODIUM	7440-23-5	1000	240	mg/kg	U	J
05393	0	5	FT	BH00076AE	SODIUM	7440-23-5	1000	216	mg/kg	U	V
48195	0	2	FT	BH00101PE	SODIUM	7440-23-5		3880	mg/kg		V
48195	2	4	FT	BH00102PE	SODIUM	7440-23-5		1920	mg/kg		V
48195	4	6	FT	BH00103PE	SODIUM	7440-23-5		731	mg/kg		V
48295	0	2	FT	BH00104PE	SODIUM	7440-23-5		3550	mg/kg		V
48295	2	4	FT	BH00105PE	SODIUM	7440-23-5		1320	mg/kg		V
48295	4	6	FT	BH00106PE	SODIUM	7440-23-5		675	mg/kg	B	V
48395	0	2	FT	BH00107PE	SODIUM	7440-23-5		2380	mg/kg		V
48395	2	4	FT	BH00108PE	SODIUM	7440-23-5		4430	mg/kg		V
48395	4	5	FT	BH00109PE	SODIUM	7440-23-5		1770	mg/kg		V
44593	0	6	FT	BH40001AE	SODIUM	7440-23-5	2267.6	227	mg/kg	U	V
40893	0	7	FT	BH40030AE	SODIUM	7440-23-5	2194.4	220	mg/kg	U	V
44393	0	5	FT	BH40033AE	SODIUM	7440-23-5	1083	217	mg/kg	U	V
41193	0	6	FT	BH40049AE	SODIUM	7440-23-5	1159	232	mg/kg	U	V
41993	0	6	FT	BH40062AE	SODIUM	7440-23-5	1101	220	mg/kg	U	V
43893	0	6	FT	BH40070AE	SODIUM	7440-23-5	1203	241	mg/kg	U	V
40293	0	3	FT	BH40118AE	SODIUM	7440-23-5	2424	242	mg/kg	U	V
40393	0	5	FT	BH40123AE	SODIUM	7440-23-5	1168	234	mg/kg	U	V

325

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42993	1	6	FT	BH40141AE	SODIUM	7440-23-5	2339	863	mg/kg	B	V
40793	0	5	FT	BH40157AE	SODIUM	7440-23-5	1000	240	mg/kg	U	V
40093	0	6	FT	BH40167AE	SODIUM	7440-23-5	1171	318	mg/kg	B	V
44893	0	5	FT	BH40188AE	SODIUM	7440-23-5	1155	231	mg/kg	U	V
41293	0	3	FT	BH40196AE	SODIUM	7440-23-5	1000	220	mg/kg	U	V
40993	0	5	FT	BH40201AE	SODIUM	7440-23-5	1000	650	mg/kg	B	V
41693	0	5	FT	BH40217AE	SODIUM	7440-23-5	1168	394	mg/kg	B	V
41793	0	5	FT	BH40243AE	SODIUM	7440-23-5	1099	220	mg/kg	U	V
42293	1	6	FT	BH40253AE	SODIUM	7440-23-5	1000	230	mg/kg	U	J
42393	0	5	FT	BH40261AE	SODIUM	7440-23-5	2153	215	mg/kg	U	V
43193	0	5	FT	BH40306AE	SODIUM	7440-23-5	1183	237	mg/kg	U	V
43493	0	5	FT	BH40319AE	SODIUM	7440-23-5	1000	230	mg/kg	U	J
43493	5	10	FT	BH40322AE	SODIUM	7440-23-5	1000	220	mg/kg	U	J
43793	0	5	FT	BH40332AE	SODIUM	7440-23-5	1000	240	mg/kg	U	V
44093	0	6	FT	BH40348AE	SODIUM	7440-23-5	1205	241	mg/kg	U	V
43993	0	5	FT	BH40353AE	SODIUM	7440-23-5	1163	233	mg/kg	U	V
45693	0	6	FT	BH40374AE	SODIUM	7440-23-5	1000	870	mg/kg	B	V
45893	0	5	FT	BH40377AE	SODIUM	7440-23-5	1000	230	mg/kg	U	V
46193	0	6	FT	BH40385AE	SODIUM	7440-23-5	1000	1030	mg/kg	B	J
40793	0	5	FT	BH40413AE	SODIUM	7440-23-5	1000	240	mg/kg	U	V
41593	0	2	FT	BH40417AE	SODIUM	7440-23-5	1000	5650	mg/kg		J
41593	2	4	FT	BH40418AE	SODIUM	7440-23-5	1000	3050	mg/kg		J
41593	4	6	FT	BH40419AE	SODIUM	7440-23-5	1000	1430	mg/kg		J
42193	0	2	FT	BH40425AE	SODIUM	7440-23-5	1000	3170	mg/kg		V
42193	0	4	FT	BH40426AE	SODIUM	7440-23-5	1000	2380	mg/kg		V
42193	0	5	FT	BH40427AE	SODIUM	7440-23-5	1000	2070	mg/kg		V
42493	0	2	FT	BH40438AE	SODIUM	7440-23-5	1000	705	mg/kg	B	J
42493	0	4	FT	BH40439AE	SODIUM	7440-23-5	1000	531	mg/kg	B	J
42493	0	5	FT	BH40440AE	SODIUM	7440-23-5	1000	217	mg/kg	U	J
42493	4	8	FT	BH40441AE	SODIUM	7440-23-5	1000	228	mg/kg	U	J
42593	0	2	FT	BH40446AE	SODIUM	7440-23-5	1000	3060	mg/kg		V
42593	0	4	FT	BH40447AE	SODIUM	7440-23-5	1000	833	mg/kg	B	V
42593	0	5	FT	BH40448AE	SODIUM	7440-23-5	1000	386	mg/kg	B	V
42593	4	8	FT	BH40449AE	SODIUM	7440-23-5	1000	439	mg/kg	B	V
42093	0	5	FT	BH40483AE	SODIUM	7440-23-5	1078	216	mg/kg	U	V
43393	0	2	FT	BH40510AE	SODIUM	7440-23-5	1000	4800	mg/kg		V
43393	0	4	FT	BH40511AE	SODIUM	7440-23-5	1000	1770	mg/kg		V
43393	0	5	FT	BH40512AE	SODIUM	7440-23-5	1000	2070	mg/kg		V
43393	5	8	FT	BH40517AE	SODIUM	7440-23-5	1000	5990	mg/kg		V
43693	0	2	FT	BH40518AE	SODIUM	7440-23-5	1000	2760	mg/kg		J
43693	0	4	FT	BH40519AE	SODIUM	7440-23-5	1000	3130	mg/kg		J
43693	0	5	FT	BH40520AE	SODIUM	7440-23-5	1000	1650	mg/kg		J
45793	0	4	FT	BH40557AE	SODIUM	7440-23-5	1000	220	mg/kg	U	V
46593	1	3	FT	BH40700AE	SODIUM	7440-23-5	1000	1960	mg/kg		V
46593	3	5	FT	BH40702AE	SODIUM	7440-23-5	1000	1130	mg/kg		V
46593	5	7	FT	BH40703AE	SODIUM	7440-23-5	1000	991	mg/kg	B	V
46593	5	9	FT	BH40705AE	SODIUM	7440-23-5	1000	913	mg/kg	B	V
46693	0	2	FT	BH40715AE	SODIUM	7440-23-5	1000	10200	mg/kg		V
46693	2	4	FT	BH40717AE	SODIUM	7440-23-5	1000	4790	mg/kg		V
46693	5	7	FT	BH40718AE	SODIUM	7440-23-5	1000	3000	mg/kg		V
46793	0	2	FT	BH40729AE	SODIUM	7440-23-5	1000	5450	mg/kg		V
46793	2	4	FT	BH40731AE	SODIUM	7440-23-5	1000	6770	mg/kg		V
46793	4	6	FT	BH40732AE	SODIUM	7440-23-5	1000	2610	mg/kg		V
46893	0	2	FT	BH40743AE	SODIUM	7440-23-5	1000	520	mg/kg	B	V
46893	2	5	FT	BH40745AE	SODIUM	7440-23-5	1000	510	mg/kg	B	V
46993	1	3	FT	BH40757AE	SODIUM	7440-23-5	1000	3900	mg/kg		V
46993	3	5	FT	BH40759AE	SODIUM	7440-23-5	1000	754	mg/kg	B	V
47093	1	3	FT	BH40771AE	SODIUM	7440-23-5	5000	139	mg/kg	B	V
47093	3	5	FT	BH40773AE	SODIUM	7440-23-5	5000	429	mg/kg	B	J
47093	5	7	FT	BH40774AE	SODIUM	7440-23-5	5000	588	mg/kg	B	V
P207589	0	3	FT	SEP0389BR0003	SODIUM	7440-23-5	1170	1170	mg/kg	U	
P207589	3	9	FT	SEP0389BR0309	SODIUM	7440-23-5	2000	486	mg/kg	U	V
P208889	0	4	FT	SEP1689BR0004	SODIUM	7440-23-5	1090	2670	mg/kg		
P208889	4	10	FT	SEP1689BR0410	SODIUM	7440-23-5	2000	1510	mg/kg		V
P208989	3	9	FT	SEP1789BR0309	SODIUM	7440-23-5	2000	427	mg/kg	U	V
P209089	0	3	FT	SEP1889BR0003	SODIUM	7440-23-5	1110	1110	mg/kg	U	
P209089	4	9	FT	SEP1889BR0309	SODIUM	7440-23-5	2000	671	mg/kg	U	V

336

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209189	0	3	FT	SEP1989BR0003	SODIUM	7440-23-5	1110	1110	mg/kg	U	
P209189	3	10	FT	SEP1989BR0309	SODIUM	7440-23-5	2000	1860	mg/kg		A
P209489	0	3	FT	SEP2289BR0003	SODIUM	7440-23-5	1110	1110	mg/kg	U	
P209489	3	7	FT	SEP2289BR0307	SODIUM	7440-23-5	2000	201	mg/kg	U	V
P209589	0	4	FT	SEP2389BR0004	SODIUM	7440-23-5	2000	1570	mg/kg		V
P209589	4	10	FT	SEP2389BR0410	SODIUM	7440-23-5	2000	1720	mg/kg		V
P209889	0	4	FT	SEP2689BR0004	SODIUM	7440-23-5	2000	671	mg/kg	U	V
P209889	4	10	FT	SEP2689BR0410	SODIUM	7440-23-5	2000	985	mg/kg		V
P210189	0	3	FT	SEP3089BR0003	SODIUM	7440-23-5	1250	2410	mg/kg		
P210189	3	9	FT	SEP3089BR0309	SODIUM	7440-23-5	2000	3450	mg/kg		V
P210289	0	3	FT	SEP3189BR0003	SODIUM	7440-23-5	1250	1250	mg/kg	U	
P210289	3	5	FT	SEP3189BR0306	SODIUM	7440-23-5	2000	460	mg/kg	U	V
42493	5	7	IN	SS40083AE	SODIUM	7440-23-5	1000	358	mg/kg	B	V
46593	7	8	IN	SS40140AE	SODIUM	7440-23-5	1000	2610	mg/kg		V
46993	10	16	IN	SS40144AE	SODIUM	7440-23-5	1000	7440	mg/kg		V
05093	0	6	FT	BH00061AE	STRONTIUM	7440-24-6	5	29	mg/kg	B	J
05193	0	5	FT	BH00066AE	STRONTIUM	7440-24-6	5	160	mg/kg	*	J
05393	0	5	FT	BH00076AE	STRONTIUM	7440-24-6	5	172	mg/kg		J
48195	0	2	FT	BH00101PE	STRONTIUM	7440-24-6		21.4	mg/kg	B	V
48195	2	4	FT	BH00102PE	STRONTIUM	7440-24-6		17.8	mg/kg	B	V
48195	4	6	FT	BH00103PE	STRONTIUM	7440-24-6		14.7	mg/kg	B	V
48295	0	2	FT	BH00104PE	STRONTIUM	7440-24-6		18.2	mg/kg	B	V
48295	2	4	FT	BH00105PE	STRONTIUM	7440-24-6		14.4	mg/kg	B	V
48295	4	6	FT	BH00106PE	STRONTIUM	7440-24-6		9.2	mg/kg	B	V
48395	0	2	FT	BH00107PE	STRONTIUM	7440-24-6		22.6	mg/kg	B	V
48395	2	4	FT	BH00108PE	STRONTIUM	7440-24-6		28.5	mg/kg	B	V
48395	4	5	FT	BH00109PE	STRONTIUM	7440-24-6		24.2	mg/kg	B	V
44593	0	6	FT	BH40001AE	STRONTIUM	7440-24-6	45.4	29.4	mg/kg	B	J
40893	0	7	FT	BH40030AE	STRONTIUM	7440-24-6	43.9	108	mg/kg		J
44393	0	5	FT	BH40033AE	STRONTIUM	7440-24-6	43	59.6	mg/kg		J
41193	0	6	FT	BH40049AE	STRONTIUM	7440-24-6	46	19.3	mg/kg	B	J
41993	0	6	FT	BH40062AE	STRONTIUM	7440-24-6	44	20.8	mg/kg	B	J
43893	0	6	FT	BH40070AE	STRONTIUM	7440-24-6	48	27.3	mg/kg	B	J
40293	0	3	FT	BH40118AE	STRONTIUM	7440-24-6	48	43.4	mg/kg	B	J
40393	0	5	FT	BH40123AE	STRONTIUM	7440-24-6	47	40.4	mg/kg	B	J
42993	1	6	FT	BH40141AE	STRONTIUM	7440-24-6	47	39.8	mg/kg	B	J
40793	0	5	FT	BH40157AE	STRONTIUM	7440-24-6	5	32.2	mg/kg	B	J
40093	0	6	FT	BH40167AE	STRONTIUM	7440-24-6	47	69.7	mg/kg		J
44893	0	5	FT	BH40188AE	STRONTIUM	7440-24-6	46	63.6	mg/kg		J
41293	0	3	FT	BH40196AE	STRONTIUM	7440-24-6	5	61	mg/kg		J
40993	0	5	FT	BH40201AE	STRONTIUM	7440-24-6	5	51.9	mg/kg		J
41693	0	5	FT	BH40217AE	STRONTIUM	7440-24-6	47	37.4	mg/kg	B	J
41793	0	5	FT	BH40243AE	STRONTIUM	7440-24-6	44	96.1	mg/kg		J
42293	1	6	FT	BH40253AE	STRONTIUM	7440-24-6	5	100	mg/kg	*	J
42393	0	5	FT	BH40261AE	STRONTIUM	7440-24-6	43	11	mg/kg	B	J
43193	0	5	FT	BH40306AE	STRONTIUM	7440-24-6	47	76.1	mg/kg		J
43493	0	5	FT	BH40319AE	STRONTIUM	7440-24-6	5	200	mg/kg	*	J
43493	5	10	FT	BH40322AE	STRONTIUM	7440-24-6	5	98.4	mg/kg	*	J
43793	0	5	FT	BH40332AE	STRONTIUM	7440-24-6	5	23.8	mg/kg	B	J
44093	0	6	FT	BH40348AE	STRONTIUM	7440-24-6	48	104	mg/kg		J
43993	0	5	FT	BH40353AE	STRONTIUM	7440-24-6	47	124	mg/kg		J
45693	0	6	FT	BH40374AE	STRONTIUM	7440-24-6	5	99.1	mg/kg		J
45893	0	5	FT	BH40377AE	STRONTIUM	7440-24-6	5	30.5	mg/kg	B	J
46193	0	6	FT	BH40385AE	STRONTIUM	7440-24-6	5	84.3	mg/kg		J
40793	0	5	FT	BH40413AE	STRONTIUM	7440-24-6	5	43.4	mg/kg	B	J
41593	0	2	FT	BH40417AE	STRONTIUM	7440-24-6	5	15.4	mg/kg	B*	J
41593	2	4	FT	BH40418AE	STRONTIUM	7440-24-6	5	220	mg/kg	*	J
41593	4	6	FT	BH40419AE	STRONTIUM	7440-24-6	5	76.4	mg/kg	*	J
42193	0	2	FT	BH40425AE	STRONTIUM	7440-24-6	5	8.6	mg/kg	B	J
42193	0	4	FT	BH40426AE	STRONTIUM	7440-24-6	5	16.8	mg/kg	B	J
42193	0	5	FT	BH40427AE	STRONTIUM	7440-24-6	5	13.6	mg/kg	B	J
42493	0	2	FT	BH40438AE	STRONTIUM	7440-24-6	5	125	mg/kg		J
42493	0	4	FT	BH40439AE	STRONTIUM	7440-24-6	5	185	mg/kg		J
42493	0	5	FT	BH40440AE	STRONTIUM	7440-24-6	5	33.6	mg/kg	B	J
42493	4	8	FT	BH40441AE	STRONTIUM	7440-24-6	5	13.4	mg/kg	B	J
42593	0	2	FT	BH40446AE	STRONTIUM	7440-24-6	5	28.1	mg/kg	B	J
42593	0	4	FT	BH40447AE	STRONTIUM	7440-24-6	5	17.7	mg/kg	B	J

337

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42593	0	5	FT	BH40448AE	STRONTIUM	7440-24-6	5	42.1	mg/kg	B	J
42593	4	8	FT	BH40449AE	STRONTIUM	7440-24-6	5	16.1	mg/kg	B	J
42093	0	5	FT	BH40483AE	STRONTIUM	7440-24-6	43	27.5	mg/kg	B	J
43393	0	2	FT	BH40510AE	STRONTIUM	7440-24-6	5	60.3	mg/kg		J
43393	0	4	FT	BH40511AE	STRONTIUM	7440-24-6	5	12.6	mg/kg	B	J
43393	0	5	FT	BH40512AE	STRONTIUM	7440-24-6	5	140	mg/kg		J
43393	5	8	FT	BH40517AE	STRONTIUM	7440-24-6	5	110	mg/kg		J
43693	0	2	FT	BH40518AE	STRONTIUM	7440-24-6	5	58.5	mg/kg		J
43693	0	4	FT	BH40519AE	STRONTIUM	7440-24-6	5	159	mg/kg		J
43693	0	5	FT	BH40520AE	STRONTIUM	7440-24-6	5	10.4	mg/kg	B	J
45793	0	4	FT	BH40557AE	STRONTIUM	7440-24-6	5	81.4	mg/kg		J
46593	1	3	FT	BH40700AE	STRONTIUM	7440-24-6	40	37.1	mg/kg	B	J
46593	3	5	FT	BH40702AE	STRONTIUM	7440-24-6	40	20.3	mg/kg	B	J
46593	5	7	FT	BH40703AE	STRONTIUM	7440-24-6	40	10.4	mg/kg	B	J
46593	5	9	FT	BH40705AE	STRONTIUM	7440-24-6	40	9.5	mg/kg	B	J
46693	0	2	FT	BH40715AE	STRONTIUM	7440-24-6	40	7.9	mg/kg	B	J
46693	2	4	FT	BH40717AE	STRONTIUM	7440-24-6	40	8.6	mg/kg	B	J
46693	5	7	FT	BH40718AE	STRONTIUM	7440-24-6	40	11	mg/kg	B	J
46793	0	2	FT	BH40729AE	STRONTIUM	7440-24-6	40	11.4	mg/kg	B	J
46793	2	4	FT	BH40731AE	STRONTIUM	7440-24-6	40	258	mg/kg		J
46793	4	6	FT	BH40732AE	STRONTIUM	7440-24-6	40	261	mg/kg		J
46893	0	2	FT	BH40743AE	STRONTIUM	7440-24-6	40	52.4	mg/kg		J
46893	2	5	FT	BH40745AE	STRONTIUM	7440-24-6	40	96.5	mg/kg		J
46993	1	3	FT	BH40757AE	STRONTIUM	7440-24-6	40	11.7	mg/kg	B	J
46993	3	5	FT	BH40759AE	STRONTIUM	7440-24-6	40	8.2	mg/kg	B	J
47093	1	3	FT	BH40771AE	STRONTIUM	7440-24-6	200	26.8	mg/kg	B	J
47093	3	5	FT	BH40773AE	STRONTIUM	7440-24-6	200	78.3	mg/kg		J
47093	5	7	FT	BH40774AE	STRONTIUM	7440-24-6	200	14.3	mg/kg	B	J
P207589	0	3	FT	SEP0389BR0003	STRONTIUM	7440-24-6	234	237	mg/kg		
P207589	3	9	FT	SEP0389BR0309	STRONTIUM	7440-24-6	40	354	mg/kg		V
P208889	0	4	FT	SEP1689BR0004	STRONTIUM	7440-24-6	218	218	mg/kg	U	
P208889	4	10	FT	SEP1689BR0410	STRONTIUM	7440-24-6	40	260	mg/kg		V
P208989	3	9	FT	SEP1789BR0309	STRONTIUM	7440-24-6	40	248	mg/kg	U	V
P209089	0	3	FT	SEP1889BR0003	STRONTIUM	7440-24-6	222	222	mg/kg	U	
P209089	4	9	FT	SEP1889BR0309	STRONTIUM	7440-24-6	40	247	mg/kg	U	V
P209189	0	3	FT	SEP1989BR0003	STRONTIUM	7440-24-6	222	222	mg/kg	U	
P209189	3	10	FT	SEP1989BR0309	STRONTIUM	7440-24-6	40	231	mg/kg	U	V
P209489	0	3	FT	SEP2289BR0003	STRONTIUM	7440-24-6	222	222	mg/kg	U	
P209489	3	7	FT	SEP2289BR0307	STRONTIUM	7440-24-6	40	212	mg/kg	UJ	A
P209589	0	4	FT	SEP2389BR0004	STRONTIUM	7440-24-6	10	250	mg/kg	U	V
P209589	4	10	FT	SEP2389BR0410	STRONTIUM	7440-24-6	40	232	mg/kg	U	V
P209889	0	4	FT	SEP2689BR0004	STRONTIUM	7440-24-6	40	236	mg/kg	U	V
P209889	4	10	FT	SEP2689BR0410	STRONTIUM	7440-24-6	40	243	mg/kg	U	V
P210189	0	3	FT	SEP3089BR0003	STRONTIUM	7440-24-6	25	79.8	mg/kg		
P210189	3	9	FT	SEP3089BR0309	STRONTIUM	7440-24-6	40	22.5	mg/kg		V
P210289	0	3	FT	SEP3189BR0003	STRONTIUM	7440-24-6	250	250	mg/kg	U	
P210289	3	5	FT	SEP3189BR0306	STRONTIUM	7440-24-6	40	231	mg/kg	U	V
42493	5	7	IN	SS40083AE	STRONTIUM	7440-24-6	5	13.3	mg/kg	B	J
46593	7	8	IN	SS40140AE	STRONTIUM	7440-24-6	40	25.4	mg/kg	B	J
46993	10	16	IN	SS40144AE	STRONTIUM	7440-24-6	40	21	mg/kg	B	J
05093	0	6	FT	BH00061AE	SULFIDE	18496-25-8	10.6	11.7	mg/kg	U	V
05193	0	5	FT	BH00066AE	SULFIDE	18496-25-8	10.6	12.6	mg/kg	U	V
05393	0	5	FT	BH00076AE	SULFIDE	18496-25-8	10.6	12.5	mg/kg	U	V
40893	0	7	FT	BH40030AE	SULFIDE	18496-25-8	10	11.5	mg/kg	U	V
44393	0	5	FT	BH40033AE	SULFIDE	18496-25-8	10.4	11.9	mg/kg	U	V
41193	0	6	FT	BH40049AE	SULFIDE	18496-25-8	10.6	11.8	mg/kg	U	J
41993	0	6	FT	BH40062AE	SULFIDE	18496-25-8	10.7	11.6	mg/kg	U	V
43893	0	6	FT	BH40070AE	SULFIDE	18496-25-8	10.5	12.8	mg/kg	U	V
40293	0	3	FT	BH40118AE	SULFIDE	18496-25-8	10.4	14.1	mg/kg	U	V
40393	0	5	FT	BH40123AE	SULFIDE	18496-25-8	10.6	12.7	mg/kg	U	J
42993	1	6	FT	BH40141AE	SULFIDE	18496-25-8	10.4	12.3	mg/kg	U	V
40793	0	5	FT	BH40157AE	SULFIDE	18496-25-8	10.6	13.1	mg/kg	U	
40093	0	6	FT	BH40167AE	SULFIDE	18496-25-8	10.7	13	mg/kg	U	V
44893	0	5	FT	BH40188AE	SULFIDE	18496-25-8	10.6	12	mg/kg	U	V
41293	0	3	FT	BH40196AE	SULFIDE	18496-25-8	10.2	12.6	mg/kg	U	
40993	0	5	FT	BH40201AE	SULFIDE	18496-25-8	10.5	16.7	mg/kg		V
41693	0	5	FT	BH40217AE	SULFIDE	18496-25-8	10.2	13.5	mg/kg	U	

338

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42293	1	6	FT	BH40253AE	SULFIDE	18496-25-8	10.6	12.5	mg/kg	U	J
42393	0	5	FT	BH40261AE	SULFIDE	18496-25-8	10.6	11.6	mg/kg	U	V
43493	0	5	FT	BH40319AE	SULFIDE	18496-25-8	10.6	18.4	mg/kg		V
43493	5	10	FT	BH40322AE	SULFIDE	18496-25-8	10.6	11.8	mg/kg	U	V
43793	0	5	FT	BH40332AE	SULFIDE	18496-25-8	10.2	12.6	mg/kg	U	
44093	0	6	FT	BH40348AE	SULFIDE	18496-25-8	10.1	12.5	mg/kg	U	V
43993	0	5	FT	BH40353AE	SULFIDE	18496-25-8	10.1	11.2	mg/kg	U	V
45693	0	6	FT	BH40374AE	SULFIDE	18496-25-8	10.6	13.3	mg/kg	U	V
45893	0	5	FT	BH40377AE	SULFIDE	18496-25-8	10.6	12.2	mg/kg	U	V
46193	0	6	FT	BH40385AE	SULFIDE	18496-25-8	10.4	12.9	mg/kg	U	V
40793	0	5	FT	BH40413AE	SULFIDE	18496-25-8	10.6	13.5	mg/kg	U	
41593	4	6	FT	BH40419AE	SULFIDE	18496-25-8	10.6	14.3	mg/kg	U	V
42193	0	5	FT	BH40427AE	SULFIDE	18496-25-8	10.6	18.6	mg/kg		V
42493	0	5	FT	BH40440AE	SULFIDE	18496-25-8	10.4	12.2	mg/kg	U	V
42593	0	5	FT	BH40448AE	SULFIDE	18496-25-8	10.6	11.9	mg/kg	U	V
42093	0	5	FT	BH40483AE	SULFIDE	18496-25-8	10.6	12.6	mg/kg	U	V
43393	0	5	FT	BH40512AE	SULFIDE	18496-25-8	10.6	11.1	mg/kg	U	V
43693	0	5	FT	BH40520AE	SULFIDE	18496-25-8	10.4	11.4	mg/kg	U	V
45793	0	4	FT	BH40557AE	SULFIDE	18496-25-8	10.6	12.7	mg/kg	U	V
46593	1	7	FT	BH40786AE	SULFIDE	18496-25-8	10.4	11.7	mg/kg	U	J
46693	0	7	FT	BH40792AE	SULFIDE	18496-25-8	10.6	12.3	mg/kg	U	J
46793	0	6	FT	BH40798AE	SULFIDE	18496-25-8	10.6	12	mg/kg	U	J
46893	0	7	FT	BH40804AE	SULFIDE	18496-25-8	10.6	13.4	mg/kg		V
46993	1	5	FT	BH40810AE	SULFIDE	18496-25-8	10.6	11	mg/kg	U	V
47093	1	7	FT	BH40816AE	SULFIDE	18496-25-8	10.6	11.3	mg/kg	U	V
P207589	0	3	FT	SEP0389BR0003	SULFIDE	18496-25-8		23	mg/kg	U	V
P207589	3	9	FT	SEP0389BR0309	SULFIDE	18496-25-8		2.3	mg/kg	U	V
P208889	0	4	FT	SEP1689BR0004	SULFIDE	18496-25-8		2.5	mg/kg	U	V
P208889	4	10	FT	SEP1689BR0410	SULFIDE	18496-25-8		2.4	mg/kg	U	V
P208989	3	9	FT	SEP1789BR0309	SULFIDE	18496-25-8		5.4	mg/kg	U	V
P209089	0	3	FT	SEP1889BR0003	SULFIDE	18496-25-8		2.2	mg/kg		V
P209089	4	9	FT	SEP1889BR0309	SULFIDE	18496-25-8		2.1	mg/kg	U	V
P209189	0	3	FT	SEP1989BR0003	SULFIDE	18496-25-8		2	mg/kg	U	V
P209189	3	10	FT	SEP1989BR0309	SULFIDE	18496-25-8		2	mg/kg	U	V
P209489	0	3	FT	SEP2289BR0003	SULFIDE	18496-25-8		2.2	mg/kg	U	V
P209489	3	7	FT	SEP2289BR0307	SULFIDE	18496-25-8		2.2	mg/kg	U	V
P209589	0	4	FT	SEP2389BR0004	SULFIDE	18496-25-8		2.4	mg/kg	U	V
P209589	4	10	FT	SEP2389BR0410	SULFIDE	18496-25-8		2.5	mg/kg	U	
P209889	0	4	FT	SEP2689BR0004	SULFIDE	18496-25-8		2	mg/kg	UJ	A
P209889	4	10	FT	SEP2689BR0410	SULFIDE	18496-25-8		2	mg/kg	UJ	A
P210189	0	3	FT	SEP3089BR0003	SULFIDE	18496-25-8		2.2	mg/kg	U	V
P210189	3	9	FT	SEP3089BR0309	SULFIDE	18496-25-8		2.2	mg/kg	U	V
P210289	0	3	FT	SEP3189BR0003	SULFIDE	18496-25-8		2.3	mg/kg	U	V
P210289	3	5	FT	SEP3189BR0306	SULFIDE	18496-25-8		2.2	mg/kg	U	V
05093	0	6	FT	BH00061AE	THALLIUM	7440-28-0	2	0.44	mg/kg	UW	V
05193	0	5	FT	BH00066AE	THALLIUM	7440-28-0	2	0.48	mg/kg	UW	J
05393	0	5	FT	BH00076AE	THALLIUM	7440-28-0	2	0.43	mg/kg	U	V
48195	0	2	FT	BH00101PE	THALLIUM	7440-28-0	0.79	0.79	mg/kg	U	V
48195	2	4	FT	BH00102PE	THALLIUM	7440-28-0	0.82	0.82	mg/kg	U	V
48195	4	6	FT	BH00103PE	THALLIUM	7440-28-0	0.81	0.81	mg/kg	U	V
48295	0	2	FT	BH00104PE	THALLIUM	7440-28-0	0.86	0.86	mg/kg	U	V
48295	2	4	FT	BH00105PE	THALLIUM	7440-28-0	0.69	0.69	mg/kg	U	V
48295	4	6	FT	BH00106PE	THALLIUM	7440-28-0	0.83	0.83	mg/kg	U	V
48395	0	2	FT	BH00107PE	THALLIUM	7440-28-0	0.7	0.7	mg/kg	U	V
48395	2	4	FT	BH00108PE	THALLIUM	7440-28-0	0.7	0.41	mg/kg	B	V
48395	4	5	FT	BH00109PE	THALLIUM	7440-28-0	0.7	0.31	mg/kg	B	V
44593	0	6	FT	BH40001AE	THALLIUM	7440-28-0	2.3	0.23	mg/kg	U	V
40893	0	7	FT	BH40030AE	THALLIUM	7440-28-0	2.2	0.22	mg/kg	U	V
44393	0	5	FT	BH40033AE	THALLIUM	7440-28-0	2	0.43	mg/kg	UN	J
41193	0	6	FT	BH40049AE	THALLIUM	7440-28-0	2	0.46	mg/kg	UN	J
41993	0	6	FT	BH40062AE	THALLIUM	7440-28-0	2	0.22	mg/kg	U	J
43893	0	6	FT	BH40070AE	THALLIUM	7440-28-0	2	0.048	mg/kg	UN	J
40293	0	3	FT	BH40118AE	THALLIUM	7440-28-0	2	0.24	mg/kg	U	V
40393	0	5	FT	BH40123AE	THALLIUM	7440-28-0	2	0.47	mg/kg	UN	J
42993	1	6	FT	BH40141AE	THALLIUM	7440-28-0	2	0.23	mg/kg	U	V
40793	0	5	FT	BH40157AE	THALLIUM	7440-28-0	2	0.48	mg/kg	U	V
40093	0	6	FT	BH40167AE	THALLIUM	7440-28-0	2	0.23	mg/kg	U	J

339

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
44893	0	5	FT	BH40188AE	THALLIUM	7440-28-0	2	0.23	mg/kg	U	J
41293	0	3	FT	BH40196AE	THALLIUM	7440-28-0	2	0.43	mg/kg	U	V
40993	0	5	FT	BH40201AE	THALLIUM	7440-28-0	2	0.45	mg/kg	U	V
41693	0	5	FT	BH40217AE	THALLIUM	7440-28-0	2	0.47	mg/kg	UW	J
41793	0	5	FT	BH40243AE	THALLIUM	7440-28-0	2	0.44	mg/kg	UW	J
42293	1	6	FT	BH40253AE	THALLIUM	7440-28-0	2	0.46	mg/kg	UW	J
42393	0	5	FT	BH40261AE	THALLIUM	7440-28-0	2	0.22	mg/kg	U	V
43193	0	5	FT	BH40306AE	THALLIUM	7440-28-0	2	0.47	mg/kg	UW	J
43493	0	5	FT	BH40319AE	THALLIUM	7440-28-0	2	0.46	mg/kg	UW	J
43493	5	10	FT	BH40322AE	THALLIUM	7440-28-0	2	0.45	mg/kg	UW	J
43793	0	5	FT	BH40332AE	THALLIUM	7440-28-0	2	0.48	mg/kg	UW	J
44093	0	6	FT	BH40348AE	THALLIUM	7440-28-0	2	0.48	mg/kg	UN	J
43993	0	5	FT	BH40353AE	THALLIUM	7440-28-0	2	0.47	mg/kg	UW	J
45693	0	6	FT	BH40374AE	THALLIUM	7440-28-0	2	0.51	mg/kg	UWN*	J
45893	0	5	FT	BH40377AE	THALLIUM	7440-28-0	2	0.46	mg/kg	U	V
46193	0	6	FT	BH40385AE	THALLIUM	7440-28-0	2	0.5	mg/kg	U	V
40793	0	5	FT	BH40413AE	THALLIUM	7440-28-0	2	0.48	mg/kg	UW	J
41593	0	2	FT	BH40417AE	THALLIUM	7440-28-0	2	0.57	mg/kg	UW	J
41593	2	4	FT	BH40418AE	THALLIUM	7440-28-0	2	0.52	mg/kg	UW	J
41593	4	6	FT	BH40419AE	THALLIUM	7440-28-0	2	0.44	mg/kg	UW	J
42193	0	2	FT	BH40425AE	THALLIUM	7440-28-0	2	0.47	mg/kg	UWN*	J
42193	0	4	FT	BH40426AE	THALLIUM	7440-28-0	2	0.44	mg/kg	UWN*	J
42193	0	5	FT	BH40427AE	THALLIUM	7440-28-0	2	0.45	mg/kg	UWN*	J
42493	0	2	FT	BH40438AE	THALLIUM	7440-28-0	2	0.47	mg/kg	U	J
42493	0	5	FT	BH40440AE	THALLIUM	7440-28-0	2	0.43	mg/kg	U	V
42493	4	8	FT	BH40441AE	THALLIUM	7440-28-0	2	0.46	mg/kg	U	V
42593	0	2	FT	BH40446AE	THALLIUM	7440-28-0	2	0.45	mg/kg	U	V
42593	0	4	FT	BH40447AE	THALLIUM	7440-28-0	2	0.43	mg/kg	U	V
42593	0	5	FT	BH40448AE	THALLIUM	7440-28-0	2	0.43	mg/kg	U	V
42593	4	8	FT	BH40449AE	THALLIUM	7440-28-0	2	0.43	mg/kg	U	V
42093	0	5	FT	BH40483AE	THALLIUM	7440-28-0	2	0.22	mg/kg	U	V
43393	0	2	FT	BH40510AE	THALLIUM	7440-28-0	2	0.47	mg/kg	UWN*	J
43393	0	4	FT	BH40511AE	THALLIUM	7440-28-0	2	0.43	mg/kg	UWN*	J
43393	0	5	FT	BH40512AE	THALLIUM	7440-28-0	2	0.43	mg/kg	UWN*	J
43393	5	8	FT	BH40517AE	THALLIUM	7440-28-0	2	0.49	mg/kg	UN*	J
43693	0	2	FT	BH40518AE	THALLIUM	7440-28-0	2	0.45	mg/kg	U	V
43693	0	4	FT	BH40519AE	THALLIUM	7440-28-0	2	0.43	mg/kg	U	V
43693	0	5	FT	BH40520AE	THALLIUM	7440-28-0	2	0.43	mg/kg	U	V
45793	0	4	FT	BH40557AE	THALLIUM	7440-28-0	2	0.44	mg/kg	UWN*	J
46593	1	3	FT	BH40700AE	THALLIUM	7440-28-0	2	0.23	mg/kg	U	J
46593	3	5	FT	BH40702AE	THALLIUM	7440-28-0	2	0.21	mg/kg	U	J
46593	5	7	FT	BH40703AE	THALLIUM	7440-28-0	2	0.23	mg/kg	U	J
46593	5	9	FT	BH40705AE	THALLIUM	7440-28-0	2	0.22	mg/kg	U	J
46693	0	2	FT	BH40715AE	THALLIUM	7440-28-0	2	0.29	mg/kg	B	J
46693	2	4	FT	BH40717AE	THALLIUM	7440-28-0	2	0.22	mg/kg	U	J
46693	5	7	FT	BH40718AE	THALLIUM	7440-28-0	2	0.22	mg/kg	U	J
46793	0	2	FT	BH40729AE	THALLIUM	7440-28-0	2	0.46	mg/kg	U	V
46793	2	4	FT	BH40731AE	THALLIUM	7440-28-0	2	0.46	mg/kg	U	V
46793	4	6	FT	BH40732AE	THALLIUM	7440-28-0	2	0.47	mg/kg	U	V
46893	0	2	FT	BH40743AE	THALLIUM	7440-28-0	2	0.24	mg/kg	U	J
46893	2	5	FT	BH40745AE	THALLIUM	7440-28-0	2	0.24	mg/kg	U	V
46893	5	7	FT	BH40746AE	THALLIUM	7440-28-0	2	0.22	mg/kg	U	J
46993	1	3	FT	BH40757AE	THALLIUM	7440-28-0	2	0.22	mg/kg	U	J
46993	3	5	FT	BH40759AE	THALLIUM	7440-28-0	2	0.22	mg/kg	U	V
47093	1	3	FT	BH40771AE	THALLIUM	7440-28-0	10	0.46	mg/kg	U	V
47093	3	5	FT	BH40773AE	THALLIUM	7440-28-0	10	0.43	mg/kg	U	V
47093	5	7	FT	BH40774AE	THALLIUM	7440-28-0	10	0.43	mg/kg	U	V
P207589	0	3	FT	SEP0389BR0003	THALLIUM	7440-28-0	2.4	2.4	mg/kg	U	
P207589	3	9	FT	SEP0389BR0309	THALLIUM	7440-28-0	2	0.34	mg/kg	UJ	A
P208889	0	4	FT	SEP1689BR0004	THALLIUM	7440-28-0	2.1	2.1	mg/kg	U	
P208889	4	10	FT	SEP1689BR0410	THALLIUM	7440-28-0	2	0.37	mg/kg	UJ	A
P208989	3	9	FT	SEP1789BR0309	THALLIUM	7440-28-0	2	0.8	mg/kg	J	A
P209089	0	3	FT	SEP1889BR0003	THALLIUM	7440-28-0	2.3	2.3	mg/kg	U	
P209089	4	9	FT	SEP1889BR0309	THALLIUM	7440-28-0	2	0.37	mg/kg	UJ	A
P209189	0	3	FT	SEP1989BR0003	THALLIUM	7440-28-0	2.2	2.2	mg/kg	U	
P209489	0	3	FT	SEP2289BR0003	THALLIUM	7440-28-0	2.1	2.1	mg/kg	U	
P209589	0	4	FT	SEP2389BR0004	THALLIUM	7440-28-0	2	0.37	mg/kg	UJ	A

340

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209589	4	10	FT	SEP2389BR0410	THALLIUM	7440-28-0	2	0.45	mg/kg	UJ	A
P210189	0	3	FT	SEP3089BR0003	THALLIUM	7440-28-0	2.5	2.5	mg/kg	U	
P210189	3	9	FT	SEP3089BR0309	THALLIUM	7440-28-0	2	0.33	mg/kg	U	V
P210289	0	3	FT	SEP3189BR0003	THALLIUM	7440-28-0	2.5	2.5	mg/kg	U	
P210289	3	5	FT	SEP3189BR0306	THALLIUM	7440-28-0	2	0.35	mg/kg	U	V
42493	5	7	IN	SS40083AE	THALLIUM	7440-28-0	2	0.42	mg/kg	U	V
46593	7	8	IN	SS40140AE	THALLIUM	7440-28-0	2	0.18	mg/kg	U	J
46993	10	16	IN	SS40144AE	THALLIUM	7440-28-0	2	0.23	mg/kg	U	J
05093	0	6	FT	BH00061AE	TIN	7440-31-5	100	22.9	mg/kg	U	J
05193	0	5	FT	BH00066AE	TIN	7440-31-5	100	24	mg/kg	U	J
05393	0	5	FT	BH00076AE	TIN	7440-31-5	100	21.6	mg/kg	U	J
48195	0	2	FT	BH00101PE	TIN	7440-31-5	4.3	3.3	mg/kg	B	UJ
48195	2	4	FT	BH00102PE	TIN	7440-31-5	4.3	3.9	mg/kg		UJ
48195	4	6	FT	BH00103PE	TIN	7440-31-5	4.3	2.3	mg/kg	B	UJ
48295	0	2	FT	BH00104PE	TIN	7440-31-5	4.3	3.5	mg/kg	B	UJ
48295	2	4	FT	BH00105PE	TIN	7440-31-5	2.2	2.2	mg/kg	U	V
48295	4	6	FT	BH00106PE	TIN	7440-31-5	2.2	2.4	mg/kg	B	UJ
48395	0	2	FT	BH00107PE	TIN	7440-31-5	4.9	2.6	mg/kg	B	UJ
48395	2	4	FT	BH00108PE	TIN	7440-31-5	2.7	2.7	mg/kg	U	V
48395	4	5	FT	BH00109PE	TIN	7440-31-5	2.3	2.3	mg/kg	U	V
44593	0	6	FT	BH40001AE	TIN	7440-31-5	45.4	22.7	mg/kg	U	J
40893	0	7	FT	BH40030AE	TIN	7440-31-5	43.9	22	mg/kg	U	J
44393	0	5	FT	BH40033AE	TIN	7440-31-5	43	21.7	mg/kg	U	J
41193	0	6	FT	BH40049AE	TIN	7440-31-5	46	34.5	mg/kg	B	J
41993	0	6	FT	BH40062AE	TIN	7440-31-5	44	30.3	mg/kg	B	J
43893	0	6	FT	BH40070AE	TIN	7440-31-5	48	61.9	mg/kg		J
40293	0	3	FT	BH40118AE	TIN	7440-31-5	48	31.6	mg/kg	B	J
40393	0	5	FT	BH40123AE	TIN	7440-31-5	47	62.8	mg/kg		J
42993	1	6	FT	BH40141AE	TIN	7440-31-5	47	24.9	mg/kg	B	J
40793	0	5	FT	BH40157AE	TIN	7440-31-5	100	23.9	mg/kg	U	J
40093	0	6	FT	BH40167AE	TIN	7440-31-5	47	23.4	mg/kg	U	J
44893	0	5	FT	BH40188AE	TIN	7440-31-5	46	38.8	mg/kg	B	J
41293	0	3	FT	BH40196AE	TIN	7440-31-5	100	21.6	mg/kg	U	J
40993	0	5	FT	BH40201AE	TIN	7440-31-5	100	22.3	mg/kg	U	J
41693	0	5	FT	BH40217AE	TIN	7440-31-5	47	26.9	mg/kg	B	J
41793	0	5	FT	BH40243AE	TIN	7440-31-5	44	22	mg/kg	U	J
42293	1	6	FT	BH40253AE	TIN	7440-31-5	100	23	mg/kg	U	J
42393	0	5	FT	BH40261AE	TIN	7440-31-5	43	21.5	mg/kg	U	J
43193	0	5	FT	BH40306AE	TIN	7440-31-5	47	42	mg/kg	B	J
43493	0	5	FT	BH40319AE	TIN	7440-31-5	100	23.2	mg/kg	U	J
43493	5	10	FT	BH40322AE	TIN	7440-31-5	100	22.3	mg/kg	U	J
43793	0	5	FT	BH40332AE	TIN	7440-31-5	100	24.1	mg/kg	U	J
44093	0	6	FT	BH40348AE	TIN	7440-31-5	48	34.7	mg/kg	B	J
43993	0	5	FT	BH40353AE	TIN	7440-31-5	47	23.3	mg/kg	U	J
45693	0	6	FT	BH40374AE	TIN	7440-31-5	100	25.6	mg/kg	U	J
45893	0	5	FT	BH40377AE	TIN	7440-31-5	100	22.8	mg/kg	U	J
46193	0	6	FT	BH40385AE	TIN	7440-31-5	100	30.3	mg/kg	B	J
40793	0	5	FT	BH40413AE	TIN	7440-31-5	100	24.1	mg/kg	U	J
41593	0	2	FT	BH40417AE	TIN	7440-31-5	100	68.2	mg/kg	U	J
41593	2	4	FT	BH40418AE	TIN	7440-31-5	100	26.2	mg/kg	U	J
41593	4	6	FT	BH40419AE	TIN	7440-31-5	100	22	mg/kg	U	J
42193	0	2	FT	BH40425AE	TIN	7440-31-5	100	23.3	mg/kg	U	J
42193	0	4	FT	BH40426AE	TIN	7440-31-5	100	21.8	mg/kg	U	J
42193	0	5	FT	BH40427AE	TIN	7440-31-5	100	22.5	mg/kg	U	J
42493	0	2	FT	BH40438AE	TIN	7440-31-5	100	23.3	mg/kg	U	J
42493	0	4	FT	BH40439AE	TIN	7440-31-5	100	22.2	mg/kg	U	J
42493	0	5	FT	BH40440AE	TIN	7440-31-5	100	28.1	mg/kg	B	J
42493	4	8	FT	BH40441AE	TIN	7440-31-5	100	37.6	mg/kg	B	J
42593	0	2	FT	BH40446AE	TIN	7440-31-5	100	34.4	mg/kg	B	J
42593	0	4	FT	BH40447AE	TIN	7440-31-5	100	21.5	mg/kg	U	J
42593	0	5	FT	BH40448AE	TIN	7440-31-5	100	21.4	mg/kg	U	J
42593	4	8	FT	BH40449AE	TIN	7440-31-5	100	21.5	mg/kg	U	J
42093	0	5	FT	BH40483AE	TIN	7440-31-5	43	21.6	mg/kg	U	J
43393	0	2	FT	BH40510AE	TIN	7440-31-5	100	23.4	mg/kg	U	J
43393	0	4	FT	BH40511AE	TIN	7440-31-5	100	21.3	mg/kg	U	J
43393	0	5	FT	BH40512AE	TIN	7440-31-5	100	21.7	mg/kg	U	J
43393	5	8	FT	BH40517AE	TIN	7440-31-5	100	24.7	mg/kg	U	J

341

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43693	0	2	FT	BH40518AE	TIN	7440-31-5	100	22.5	mg/kg	U	J
43693	0	4	FT	BH40519AE	TIN	7440-31-5	100	21.5	mg/kg	U	J
43693	0	5	FT	BH40520AE	TIN	7440-31-5	100	23.5	mg/kg	B	J
45793	0	4	FT	BH40557AE	TIN	7440-31-5	100	22	mg/kg	U	J
46593	1	3	FT	BH40700AE	TIN	7440-31-5	40	5	mg/kg	U	J
46593	3	5	FT	BH40702AE	TIN	7440-31-5	40	4.3	mg/kg	U	J
46593	5	7	FT	BH40703AE	TIN	7440-31-5	40	4.7	mg/kg	U	J
46593	5	9	FT	BH40705AE	TIN	7440-31-5	40	7.4	mg/kg	U	J
46693	0	2	FT	BH40715AE	TIN	7440-31-5	40	5.3	mg/kg	U	J
46693	2	4	FT	BH40717AE	TIN	7440-31-5	40	4.6	mg/kg	U	J
46693	5	7	FT	BH40718AE	TIN	7440-31-5	40	6.2	mg/kg	U	J
46793	0	2	FT	BH40729AE	TIN	7440-31-5	40	4.8	mg/kg	U	J
46793	2	4	FT	BH40731AE	TIN	7440-31-5	40	5	mg/kg	U	J
46793	4	6	FT	BH40732AE	TIN	7440-31-5	40	5.1	mg/kg	U	J
46893	0	2	FT	BH40743AE	TIN	7440-31-5	40	7.3	mg/kg	U	J
46893	2	5	FT	BH40745AE	TIN	7440-31-5	40	7	mg/kg	U	J
46993	1	3	FT	BH40757AE	TIN	7440-31-5	40	6.5	mg/kg	U	J
46993	3	5	FT	BH40759AE	TIN	7440-31-5	40	6.6	mg/kg	U	J
47093	1	3	FT	BH40771AE	TIN	7440-31-5	200	6.4	mg/kg	B	J
47093	3	5	FT	BH40773AE	TIN	7440-31-5	200	4.5	mg/kg	U	J
47093	5	7	FT	BH40774AE	TIN	7440-31-5	200	4.4	mg/kg	U	J
P207589	0	3	FT	SEP0389BR0003	TIN	7440-31-5	23.4	23.4	mg/kg	U	
P207589	3	9	FT	SEP0389BR0309	TIN	7440-31-5	40	22.9	mg/kg	U	V
P208889	0	4	FT	SEP1689BR0004	TIN	7440-31-5	21.8	21.8	mg/kg	U	
P208889	4	10	FT	SEP1689BR0410	TIN	7440-31-5	40	23.6	mg/kg	U	V
P208989	3	9	FT	SEP1789BR0309	TIN	7440-31-5	40	24.8	mg/kg	U	V
P209089	0	3	FT	SEP1889BR0003	TIN	7440-31-5	22.2	22.2	mg/kg	U	
P209089	4	9	FT	SEP1889BR0309	TIN	7440-31-5	40	24.7	mg/kg	U	V
P209189	0	3	FT	SEP1989BR0003	TIN	7440-31-5	22.2	22.2	mg/kg	U	
P209189	3	10	FT	SEP1989BR0309	TIN	7440-31-5	40	23.1	mg/kg	U	V
P209489	0	3	FT	SEP2289BR0003	TIN	7440-31-5	22.2	22.2	mg/kg	U	
P209589	0	4	FT	SEP2389BR0004	TIN	7440-31-5	40	25	mg/kg	U	V
P209589	4	10	FT	SEP2389BR0410	TIN	7440-31-5	40	23.2	mg/kg	U	V
P209889	0	4	FT	SEP2689BR0004	TIN	7440-31-5	40	23.6	mg/kg	U	V
P209889	4	10	FT	SEP2689BR0410	TIN	7440-31-5	40	24.3	mg/kg	U	V
P210189	0	3	FT	SEP3089BR0003	TIN	7440-31-5	25	44	mg/kg		
P210189	3	9	FT	SEP3089BR0309	TIN	7440-31-5	40	44	mg/kg		V
P210289	0	3	FT	SEP3189BR0003	TIN	7440-31-5	25	25	mg/kg	U	
P210289	3	5	FT	SEP3189BR0306	TIN	7440-31-5	40	23.1	mg/kg	U	V
42493	5	7	IN	SS40083AE	TIN	7440-31-5	100	20.9	mg/kg	U	J
46593	7	8	IN	SS40140AE	TIN	7440-31-5	40	7	mg/kg	U	J
46993	10	16	IN	SS40144AE	TIN	7440-31-5	40	6.9	mg/kg	U	J
48195	0	2	FT	BH00101PE	TITANIUM	7440-32-6		464	mg/kg		V
48195	2	4	FT	BH00102PE	TITANIUM	7440-32-6		141	mg/kg		V
48195	4	6	FT	BH00103PE	TITANIUM	7440-32-6		242	mg/kg		V
48295	0	2	FT	BH00104PE	TITANIUM	7440-32-6		397	mg/kg		V
48295	2	4	FT	BH00105PE	TITANIUM	7440-32-6		124	mg/kg		V
48295	4	6	FT	BH00106PE	TITANIUM	7440-32-6		118	mg/kg		V
48395	0	2	FT	BH00107PE	TITANIUM	7440-32-6		321	mg/kg		V
48195	0	2	FT	BH00101PE	URANIUM, TOTAL	11-09-6	26.2	13.2	mg/kg	U	V
48195	2	4	FT	BH00102PE	URANIUM, TOTAL	11-09-6	13.5	13.5	mg/kg	U	V
48195	4	6	FT	BH00103PE	URANIUM, TOTAL	11-09-6	13.4	13.4	mg/kg	U	V
48295	0	2	FT	BH00104PE	URANIUM, TOTAL	11-09-6	14.6	14.6	mg/kg	U	V
48295	2	4	FT	BH00105PE	URANIUM, TOTAL	11-09-6	13.2	13.2	mg/kg	U	V
48295	4	6	FT	BH00106PE	URANIUM, TOTAL	11-09-6	13.5	13.5	mg/kg	U	V
48395	0	2	FT	BH00107PE	URANIUM, TOTAL	11-09-6	14.7	14.7	mg/kg	U	V
48395	2	4	FT	BH00108PE	URANIUM, TOTAL	11-09-6	16.6	16.6	mg/kg	U	V
48395	4	5	FT	BH00109PE	URANIUM, TOTAL	11-09-6	13.7	13.7	mg/kg	U	V
05093	0	6	FT	BH00061AE	VANADIUM	7440-62-2	10	29.7	mg/kg		V
05193	0	5	FT	BH00066AE	VANADIUM	7440-62-2	10	44.3	mg/kg		V
05393	0	5	FT	BH00076AE	VANADIUM	7440-62-2	10	33.7	mg/kg		V
48195	0	2	FT	BH00101PE	VANADIUM	7440-62-2		41.1	mg/kg		V
48195	2	4	FT	BH00102PE	VANADIUM	7440-62-2		31	mg/kg		V
48195	4	6	FT	BH00103PE	VANADIUM	7440-62-2		21.7	mg/kg		V
48295	0	2	FT	BH00104PE	VANADIUM	7440-62-2		33.3	mg/kg		V
48295	2	4	FT	BH00105PE	VANADIUM	7440-62-2		14.4	mg/kg		V
48295	4	6	FT	BH00106PE	VANADIUM	7440-62-2		13	mg/kg		V

342

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48395	0	2	FT	BH00107PE	VANADIUM	7440-62-2		23.2	mg/kg		V
48395	2	4	FT	BH00108PE	VANADIUM	7440-62-2		66.4	mg/kg		V
48395	4	5	FT	BH00109PE	VANADIUM	7440-62-2		39	mg/kg		V
44593	0	6	FT	BH40001AE	VANADIUM	7440-62-2	11.3	29.6	mg/kg		V
40893	0	7	FT	BH40030AE	VANADIUM	7440-62-2	11	21.3	mg/kg		J
44393	0	5	FT	BH40033AE	VANADIUM	7440-62-2	11	16	mg/kg		V
41193	0	6	FT	BH40049AE	VANADIUM	7440-62-2	12	21.5	mg/kg		V
41993	0	6	FT	BH40062AE	VANADIUM	7440-62-2	11	33	mg/kg		V
43893	0	6	FT	BH40070AE	VANADIUM	7440-62-2	12	66.4	mg/kg		V
40293	0	3	FT	BH40118AE	VANADIUM	7440-62-2	12	26.4	mg/kg		V
40393	0	5	FT	BH40123AE	VANADIUM	7440-62-2	12	29.5	mg/kg		V
42993	1	6	FT	BH40141AE	VANADIUM	7440-62-2	12	26.6	mg/kg		V
40793	0	5	FT	BH40157AE	VANADIUM	7440-62-2	10	28	mg/kg		V
40093	0	6	FT	BH40167AE	VANADIUM	7440-62-2	12	15	mg/kg		V
44893	0	5	FT	BH40188AE	VANADIUM	7440-62-2	12	29.1	mg/kg		V
41293	0	3	FT	BH40196AE	VANADIUM	7440-62-2	10	20.6	mg/kg		V
40993	0	5	FT	BH40201AE	VANADIUM	7440-62-2	10	28.4	mg/kg		V
41693	0	5	FT	BH40217AE	VANADIUM	7440-62-2	12	37.2	mg/kg		V
41793	0	5	FT	BH40243AE	VANADIUM	7440-62-2	11	25.7	mg/kg		V
42293	1	6	FT	BH40253AE	VANADIUM	7440-62-2	10	38.7	mg/kg		V
42393	0	5	FT	BH40261AE	VANADIUM	7440-62-2	11	14.8	mg/kg		V
43193	0	5	FT	BH40306AE	VANADIUM	7440-62-2	12	67.9	mg/kg		V
43493	0	5	FT	BH40319AE	VANADIUM	7440-62-2	10	38.7	mg/kg		V
43493	5	10	FT	BH40322AE	VANADIUM	7440-62-2	10	36.8	mg/kg		V
43793	0	5	FT	BH40332AE	VANADIUM	7440-62-2	10	30.7	mg/kg		V
44093	0	6	FT	BH40348AE	VANADIUM	7440-62-2	12	39.7	mg/kg		V
43993	0	5	FT	BH40353AE	VANADIUM	7440-62-2	12	21.8	mg/kg		V
45693	0	6	FT	BH40374AE	VANADIUM	7440-62-2	10	37.6	mg/kg		V
45893	0	5	FT	BH40377AE	VANADIUM	7440-62-2	10	24.3	mg/kg		V
46193	0	6	FT	BH40385AE	VANADIUM	7440-62-2	10	60.8	mg/kg		V
40793	0	5	FT	BH40413AE	VANADIUM	7440-62-2	10	41.9	mg/kg		V
41593	0	2	FT	BH40417AE	VANADIUM	7440-62-2	10	78.6	mg/kg		V
41593	2	4	FT	BH40418AE	VANADIUM	7440-62-2	10	16.1	mg/kg		V
41593	4	6	FT	BH40419AE	VANADIUM	7440-62-2	10	21.8	mg/kg		V
42193	0	2	FT	BH40425AE	VANADIUM	7440-62-2	10	40.2	mg/kg		V
42193	0	4	FT	BH40426AE	VANADIUM	7440-62-2	10	26.4	mg/kg		V
42193	0	5	FT	BH40427AE	VANADIUM	7440-62-2	10	10.1	mg/kg	B	V
42493	0	2	FT	BH40438AE	VANADIUM	7440-62-2	10	82.2	mg/kg		V
42493	0	4	FT	BH40439AE	VANADIUM	7440-62-2	10	27.2	mg/kg		V
42493	0	5	FT	BH40440AE	VANADIUM	7440-62-2	10	27	mg/kg		V
42493	4	8	FT	BH40441AE	VANADIUM	7440-62-2	10	41	mg/kg		V
42593	0	2	FT	BH40446AE	VANADIUM	7440-62-2	10	72.2	mg/kg		V
42593	0	4	FT	BH40447AE	VANADIUM	7440-62-2	10	27.1	mg/kg		V
42593	0	5	FT	BH40448AE	VANADIUM	7440-62-2	10	26.3	mg/kg		V
42593	4	8	FT	BH40449AE	VANADIUM	7440-62-2	10	8.2	mg/kg	B	V
42093	0	5	FT	BH40483AE	VANADIUM	7440-62-2	11	15.7	mg/kg		V
43393	0	2	FT	BH40510AE	VANADIUM	7440-62-2	10	25.6	mg/kg		V
43393	0	4	FT	BH40511AE	VANADIUM	7440-62-2	10	15.5	mg/kg		V
43393	0	5	FT	BH40512AE	VANADIUM	7440-62-2	10	18.5	mg/kg		V
43393	5	8	FT	BH40517AE	VANADIUM	7440-62-2	10	37.7	mg/kg		V
43693	0	2	FT	BH40518AE	VANADIUM	7440-62-2	10	41.3	mg/kg		V
43693	0	4	FT	BH40519AE	VANADIUM	7440-62-2	10	22.4	mg/kg		V
43693	0	5	FT	BH40520AE	VANADIUM	7440-62-2	10	16.7	mg/kg		V
45793	0	4	FT	BH40557AE	VANADIUM	7440-62-2	10	14	mg/kg		J
46593	1	3	FT	BH40700AE	VANADIUM	7440-62-2	10	20.3	mg/kg	E	J
46593	3	5	FT	BH40702AE	VANADIUM	7440-62-2	10	9.2	mg/kg	BE	J
46593	5	7	FT	BH40703AE	VANADIUM	7440-62-2	10	60.4	mg/kg	E	J
46593	5	9	FT	BH40705AE	VANADIUM	7440-62-2	10	17.3	mg/kg	E	J
46693	0	2	FT	BH40715AE	VANADIUM	7440-62-2	10	70.8	mg/kg	E	J
46693	2	4	FT	BH40717AE	VANADIUM	7440-62-2	10	16.3	mg/kg	E	J
46693	5	7	FT	BH40718AE	VANADIUM	7440-62-2	10	15.7	mg/kg	E	J
46793	0	2	FT	BH40729AE	VANADIUM	7440-62-2	10	39.3	mg/kg		V
46793	2	4	FT	BH40731AE	VANADIUM	7440-62-2	10	13.5	mg/kg		V
46793	4	6	FT	BH40732AE	VANADIUM	7440-62-2	10	9.4	mg/kg	B	V
46893	0	2	FT	BH40743AE	VANADIUM	7440-62-2	10	43.8	mg/kg		V
46893	2	5	FT	BH40745AE	VANADIUM	7440-62-2	10	34.4	mg/kg		V
46993	1	3	FT	BH40757AE	VANADIUM	7440-62-2	10	30.5	mg/kg		V

342

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46993	3	5	FT	BH40759AE	VANADIUM	7440-62-2	10	11.4	mg/kg		V
47093	1	3	FT	BH40771AE	VANADIUM	7440-62-2	50	34.3	mg/kg		J
47093	3	5	FT	BH40773AE	VANADIUM	7440-62-2	50	11.5	mg/kg		J
47093	5	7	FT	BH40774AE	VANADIUM	7440-62-2	50	19.3	mg/kg		J
P207589	0	3	FT	SEP0389BR0003	VANADIUM	7440-62-2	11.7	35.8	mg/kg		
P207589	3	9	FT	SEP0389BR0309	VANADIUM	7440-62-2	10	17.5	mg/kg		A
P208889	0	4	FT	SEP1689BR0004	VANADIUM	7440-62-2	10.9	28.8	mg/kg		
P208889	4	10	FT	SEP1689BR0410	VANADIUM	7440-62-2	10	17.5	mg/kg		V
P208989	3	9	FT	SEP1789BR0309	VANADIUM	7440-62-2	10	16.7	mg/kg		V
P209089	0	3	FT	SEP1889BR0003	VANADIUM	7440-62-2	11.1	16.3	mg/kg		
P209089	4	9	FT	SEP1889BR0309	VANADIUM	7440-62-2	10	34.7	mg/kg		A
P209189	0	3	FT	SEP1989BR0003	VANADIUM	7440-62-2	11.1	38	mg/kg		
P209189	3	10	FT	SEP1989BR0309	VANADIUM	7440-62-2	10	31.2	mg/kg		V
P209489	0	3	FT	SEP2289BR0003	VANADIUM	7440-62-2	11.1	15.5	mg/kg		
P209489	3	7	FT	SEP2289BR0307	VANADIUM	7440-62-2	10	16.7	mg/kg		V
P209589	0	4	FT	SEP2389BR0004	VANADIUM	7440-62-2	12.5	30.2	mg/kg		V
P209589	4	10	FT	SEP2389BR0410	VANADIUM	7440-62-2	10	11.8	mg/kg		V
P209889	0	4	FT	SEP2689BR0004	VANADIUM	7440-62-2	10	29.7	mg/kg		V
P209889	4	10	FT	SEP2689BR0410	VANADIUM	7440-62-2	10	26.2	mg/kg		V
P210189	0	3	FT	SEP3089BR0003	VANADIUM	7440-62-2	12.5	48.8	mg/kg		
P210189	3	9	FT	SEP3089BR0309	VANADIUM	7440-62-2	10	20.5	mg/kg		V
P210289	0	3	FT	SEP3189BR0003	VANADIUM	7440-62-2	12.5	51.9	mg/kg		
P210289	3	5	FT	SEP3189BR0306	VANADIUM	7440-62-2	10	47	mg/kg		V
42493	5	7	IN	SS40083AE	VANADIUM	7440-62-2	10	17.7	mg/kg		V
46593	7	8	IN	SS40140AE	VANADIUM	7440-62-2	10	29.9	mg/kg		V
46993	10	16	IN	SS40144AE	VANADIUM	7440-62-2	10	32	mg/kg		V
05093	0	6	FT	BH00061AE	ZINC	7440-66-6	10	17.4	mg/kg		V
05193	0	5	FT	BH00066AE	ZINC	7440-66-6	10	33.7	mg/kg		J
05393	0	5	FT	BH00076AE	ZINC	7440-66-6	10	26.7	mg/kg		J
48195	0	2	FT	BH00101PE	ZINC	7440-66-6		32.1	mg/kg	E	J
48195	2	4	FT	BH00102PE	ZINC	7440-66-6		21.7	mg/kg	E	J
48195	4	6	FT	BH00103PE	ZINC	7440-66-6		26.7	mg/kg	E	J
48295	0	2	FT	BH00104PE	ZINC	7440-66-6		30.4	mg/kg	E	J
48295	2	4	FT	BH00105PE	ZINC	7440-66-6		17.3	mg/kg	E	J
48295	4	6	FT	BH00106PE	ZINC	7440-66-6		14.6	mg/kg	E	J
48395	0	2	FT	BH00107PE	ZINC	7440-66-6		30.1	mg/kg	E	J
48395	2	4	FT	BH00108PE	ZINC	7440-66-6		53	mg/kg	E	J
48395	4	5	FT	BH00109PE	ZINC	7440-66-6		24.5	mg/kg	E	UJ
44593	0	6	FT	BH40001AE	ZINC	7440-66-6	4.5	31.8	mg/kg		V
40893	0	7	FT	BH40030AE	ZINC	7440-66-6	4.4	22.6	mg/kg		V
44393	0	5	FT	BH40033AE	ZINC	7440-66-6	4	168	mg/kg	E	J
41193	0	6	FT	BH40049AE	ZINC	7440-66-6	5	23.6	mg/kg	E	J
41993	0	6	FT	BH40062AE	ZINC	7440-66-6	4	28.6	mg/kg		V
43893	0	6	FT	BH40070AE	ZINC	7440-66-6	5	27.6	mg/kg	E	J
40293	0	3	FT	BH40118AE	ZINC	7440-66-6	5	49.8	mg/kg		V
40393	0	5	FT	BH40123AE	ZINC	7440-66-6	5	55.1	mg/kg	E	J
42993	1	6	FT	BH40141AE	ZINC	7440-66-6	5	37.2	mg/kg		V
40793	0	5	FT	BH40157AE	ZINC	7440-66-6	10	38.6	mg/kg		V
40093	0	6	FT	BH40167AE	ZINC	7440-66-6	5	48.6	mg/kg		V
44893	0	5	FT	BH40188AE	ZINC	7440-66-6	5	67.2	mg/kg		V
41293	0	3	FT	BH40196AE	ZINC	7440-66-6	10	19.6	mg/kg		V
40993	0	5	FT	BH40201AE	ZINC	7440-66-6	10	30.7	mg/kg		V
41693	0	5	FT	BH40217AE	ZINC	7440-66-6	5	28.5	mg/kg		V
41793	0	5	FT	BH40243AE	ZINC	7440-66-6	4	14.9	mg/kg		J
42293	1	6	FT	BH40253AE	ZINC	7440-66-6	10	35.7	mg/kg		J
42393	0	5	FT	BH40261AE	ZINC	7440-66-6	4	40.9	mg/kg		V
43193	0	5	FT	BH40306AE	ZINC	7440-66-6	5	39.6	mg/kg		J
43493	0	5	FT	BH40319AE	ZINC	7440-66-6	10	21.5	mg/kg		J
43493	5	10	FT	BH40322AE	ZINC	7440-66-6	10	26.8	mg/kg		J
43793	0	5	FT	BH40332AE	ZINC	7440-66-6	10	51.3	mg/kg		V
44093	0	6	FT	BH40348AE	ZINC	7440-66-6	5	30.7	mg/kg	E	J
43993	0	5	FT	BH40353AE	ZINC	7440-66-6	5	15.4	mg/kg		J
45693	0	6	FT	BH40374AE	ZINC	7440-66-6	10	76.2	mg/kg	N*	J
45893	0	5	FT	BH40377AE	ZINC	7440-66-6	10	31.2	mg/kg		V
46193	0	6	FT	BH40385AE	ZINC	7440-66-6	10	92.8	mg/kg		V
40793	0	5	FT	BH40413AE	ZINC	7440-66-6	10	54.3	mg/kg		V
41593	0	2	FT	BH40417AE	ZINC	7440-66-6	10	53.2	mg/kg		V

344

Table A.6 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Metals

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41593	2	4	FT	BH40418AE	ZINC	7440-66-6	10	16	mg/kg		J
41593	4	6	FT	BH40419AE	ZINC	7440-66-6	10	11.8	mg/kg		J
42193	0	2	FT	BH40425AE	ZINC	7440-66-6	10	28.5	mg/kg	N*	J
42193	0	4	FT	BH40426AE	ZINC	7440-66-6	10	15.1	mg/kg	N*	J
42193	0	5	FT	BH40427AE	ZINC	7440-66-6	10	9.6	mg/kg	N*	J
42493	0	2	FT	BH40438AE	ZINC	7440-66-6	10	44.6	mg/kg		V
42493	0	4	FT	BH40439AE	ZINC	7440-66-6	10	37.5	mg/kg		V
42493	0	5	FT	BH40440AE	ZINC	7440-66-6	10	21.1	mg/kg		V
42493	4	8	FT	BH40441AE	ZINC	7440-66-6	10	21.7	mg/kg		V
42593	0	2	FT	BH40446AE	ZINC	7440-66-6	10	45.1	mg/kg		J
42593	0	4	FT	BH40447AE	ZINC	7440-66-6	10	15.8	mg/kg		V
42593	0	5	FT	BH40448AE	ZINC	7440-66-6	10	12.4	mg/kg		V
42593	4	8	FT	BH40449AE	ZINC	7440-66-6	10	9.8	mg/kg		V
42093	0	5	FT	BH40483AE	ZINC	7440-66-6	4	63	mg/kg		V
43393	0	2	FT	BH40510AE	ZINC	7440-66-6	10	24.6	mg/kg	N*	J
43393	0	4	FT	BH40511AE	ZINC	7440-66-6	10	20	mg/kg	N*	J
43393	0	5	FT	BH40512AE	ZINC	7440-66-6	10	12.1	mg/kg	N*	J
43393	5	8	FT	BH40517AE	ZINC	7440-66-6	10	46.6	mg/kg	N*	J
43693	0	2	FT	BH40518AE	ZINC	7440-66-6	10	27.2	mg/kg		V
43693	0	4	FT	BH40519AE	ZINC	7440-66-6	10	12.4	mg/kg		V
43693	0	5	FT	BH40520AE	ZINC	7440-66-6	10	14.5	mg/kg		V
45793	0	4	FT	BH40557AE	ZINC	7440-66-6	10	21.9	mg/kg	N*	J
46593	1	3	FT	BH40700AE	ZINC	7440-66-6	4	10.5	mg/kg		V
46593	3	5	FT	BH40702AE	ZINC	7440-66-6	4	8.2	mg/kg		V
46593	5	7	FT	BH40703AE	ZINC	7440-66-6	4	12.2	mg/kg		V
46593	5	9	FT	BH40705AE	ZINC	7440-66-6	4	19.6	mg/kg		V
46693	0	2	FT	BH40715AE	ZINC	7440-66-6	4	45.3	mg/kg		V
46693	2	4	FT	BH40717AE	ZINC	7440-66-6	4	9.5	mg/kg		V
46693	5	7	FT	BH40718AE	ZINC	7440-66-6	4	17.2	mg/kg		V
46793	0	2	FT	BH40729AE	ZINC	7440-66-6	4	28.3	mg/kg	E	J
46793	2	4	FT	BH40731AE	ZINC	7440-66-6	4	15.8	mg/kg	E	J
46793	4	6	FT	BH40732AE	ZINC	7440-66-6	4	7.2	mg/kg	E	J
46893	0	2	FT	BH40743AE	ZINC	7440-66-6	4	23.5	mg/kg		V
46893	2	5	FT	BH40745AE	ZINC	7440-66-6	4	17.3	mg/kg		V
46993	1	3	FT	BH40757AE	ZINC	7440-66-6	4	12.2	mg/kg		J
46993	3	5	FT	BH40759AE	ZINC	7440-66-6	4	9.8	mg/kg		J
47093	1	3	FT	BH40771AE	ZINC	7440-66-6	20	22	mg/kg		V
47093	3	5	FT	BH40773AE	ZINC	7440-66-6	20	14.9	mg/kg		V
47093	5	7	FT	BH40774AE	ZINC	7440-66-6	20	12.7	mg/kg		V
P207589	0	3	FT	SEP0389BR0003	ZINC	7440-66-6	4.7	48.8	mg/kg		
P207589	3	9	FT	SEP0389BR0309	ZINC	7440-66-6	4	13.7	mg/kg		A
P208889	0	4	FT	SEP1689BR0004	ZINC	7440-66-6	4.4	37.4	mg/kg		
P208889	4	10	FT	SEP1689BR0410	ZINC	7440-66-6	4	29.2	mg/kg		A
P208989	3	9	FT	SEP1789BR0309	ZINC	7440-66-6	4	56.2	mg/kg		V
P209089	0	3	FT	SEP1889BR0003	ZINC	7440-66-6	4.4	8.9	mg/kg		
P209089	4	9	FT	SEP1889BR0309	ZINC	7440-66-6	4	15.8	mg/kg		V
P209189	0	3	FT	SEP1989BR0003	ZINC	7440-66-6	4.4	29.9	mg/kg		
P209189	3	10	FT	SEP1989BR0309	ZINC	7440-66-6	4	12.8	mg/kg		A
P209489	0	3	FT	SEP2289BR0003	ZINC	7440-66-6	4.4	17	mg/kg		
P209489	3	7	FT	SEP2289BR0307	ZINC	7440-66-6	4	8.4	mg/kg		A
P209589	0	4	FT	SEP2389BR0004	ZINC	7440-66-6	4	23.5	mg/kg		A
P209589	4	10	FT	SEP2389BR0410	ZINC	7440-66-6	4	24.1	mg/kg		A
P209889	0	4	FT	SEP2689BR0004	ZINC	7440-66-6	4	32.5	mg/kg		V
P209889	4	10	FT	SEP2689BR0410	ZINC	7440-66-6	4	54.8	mg/kg		V
P210189	0	3	FT	SEP3089BR0003	ZINC	7440-66-6	5	63	mg/kg		
P210189	3	9	FT	SEP3089BR0309	ZINC	7440-66-6	4	26.9	mg/kg		A
P210289	0	3	FT	SEP3189BR0003	ZINC	7440-66-6	5	46.1	mg/kg		
P210289	3	5	FT	SEP3189BR0306	ZINC	7440-66-6	4	15.5	mg/kg		V
42493	5	7	IN	SS40083AE	ZINC	7440-66-6	10	27.8	mg/kg		V
46593	7	8	IN	SS40140AE	ZINC	7440-66-6	4	21.5	mg/kg		V
46993	10	16	IN	SS40144AE	ZINC	7440-66-6	4	18.2	mg/kg		V

345

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05093	1	2	FT	BH00062AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	1,1,1-TCA	71-55-6	32	13	ug/Kg	J	A
40893	4	5	FT	BH40032AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	1,1,1-TCA	71-55-6	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	1,1,1-TCA	71-55-6	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	1,1,1-TCA	71-55-6	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	1,1,1-TCA	71-55-6	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	1,1,1-TCA	71-55-6	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	1,1,1-TCA	71-55-6	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	1,1,1-TCA	71-55-6	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	1,1,1-TCA	71-55-6	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	1,1,1-TCA	71-55-6	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	1,1,1-TCA	71-55-6	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	1,1,1-TCA	71-55-6	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	1,1,1-TCA	71-55-6	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	1,1,1-TCA	71-55-6	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	1,1,1-TCA	71-55-6	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	1,1,1-TCA	71-55-6		25	ug/Kg	U	
48195	0	2	FT	BH00101PE	1,1,1-TRICHLOROETHANE	71-55-6	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	1,1,1-TRICHLOROETHANE	71-55-6	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	1,1,1-TRICHLOROETHANE	71-55-6	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	1,1,1-TRICHLOROETHANE	71-55-6	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	1,1,1-TRICHLOROETHANE	71-55-6	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	1,1,1-TRICHLOROETHANE	71-55-6	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	1,1,1-TRICHLOROETHANE	71-55-6	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	1,1,1-TRICHLOROETHANE	71-55-6	5	5	ug/Kg	U	V
05093	1	2	FT	BH00062AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V

346

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40093	4	5	FT	BH40169AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
48395	2	4	FT	BH00108PE	1,1,2,2-TETRACHLOROETHANE	79-34-5		200	ug/Kg	JN	Z
48395	4	5	FT	BH00109PE	1,1,2,2-TETRACHLOROETHANE	79-34-5		1000	ug/Kg	JN	V
P208989	5	7	FT	SEP1789BR0406	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	1,1,2,2-TETRACHLOROETHANE	79-34-5	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	1,1,2,2-TETRACHLOROETHANE	79-34-5	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	1,1,2,2-TETRACHLOROETHANE	79-34-5		25	ug/Kg	U	
05093	1	2	FT	BH00062AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V

347

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
693	1	2	FT	BH40151AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
0793	5	6	FT	BH40159AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	1,1,2-TCA	79-00-5	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	1,1,2-TCA	79-00-5	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	1,1,2-TCA	79-00-5	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	1,1,2-TCA	79-00-5	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	1,1,2-TCA	79-00-5	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	1,1,2-TCA	79-00-5	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	1,1,2-TCA	79-00-5	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	1,1,2-TCA	79-00-5	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	1,1,2-TCA	79-00-5	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
5693	1	1	FT	BH40375AE	1,1,2-TCA	79-00-5	7	7	ug/Kg	U	V
793	5	6	FT	BH40560AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
5893	2	2	FT	BH40378AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	1,1,2-TCA	79-00-5	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	1,1,2-TCA	79-00-5	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	1,1,2-TCA	79-00-5	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	1,1,2-TCA	79-00-5	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	1,1,2-TCA	79-00-5	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	1,1,2-TCA	79-00-5		25	ug/Kg	U	
48195	0	2	FT	BH00101PE	1,1,2-TRICHLOROETHANE	79-00-5	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	1,1,2-TRICHLOROETHANE	79-00-5	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	1,1,2-TRICHLOROETHANE	79-00-5	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	1,1,2-TRICHLOROETHANE	79-00-5	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	1,1,2-TRICHLOROETHANE	79-00-5	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	1,1,2-TRICHLOROETHANE	79-00-5	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	1,1,2-TRICHLOROETHANE	79-00-5	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	1,1,2-TRICHLOROETHANE	79-00-5	5	5	ug/Kg	U	V
05093	1	2	FT	BH00062AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	1,1-DCA	75-34-3	32	32	ug/Kg	U	V
893	4	5	FT	BH40032AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
893	1	1	FT	BH40031AE	1,1-DCA	75-34-3	5	29	ug/Kg	U	V

348

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40993	5	6	FT	BH40203AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	1,1-DCA	75-34-3	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	1,1-DCA	75-34-3	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	1,1-DCA	75-34-3	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	1,1-DCA	75-34-3	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	1,1-DCA	75-34-3	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	1,1-DCA	75-34-3	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	1,1-DCA	75-34-3	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	1,1-DCA	75-34-3	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	1,1-DCA	75-34-3	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	1,1-DCA	75-34-3	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	1,1-DCA	75-34-3	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	1,1-DCA	75-34-3	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	1,1-DCA	75-34-3	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	1,1-DCA	75-34-3		25	ug/Kg	U	
05093	1	2	FT	BH00062AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	1,1-DCE	75-35-4	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	1,1-DCE	75-35-4	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	1,1-DCE	75-35-4	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	1,1-DCE	75-35-4	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	1,1-DCE	75-35-4	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	J

349

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42393	1	1	FT	BH40262AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	1,1-DCE	75-35-4	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	1,1-DCE	75-35-4	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	1,1-DCE	75-35-4	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	1,1-DCE	75-35-4	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	1,1-DCE	75-35-4	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	1,1-DCE	75-35-4	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	1,1-DCE	75-35-4	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	1,1-DCE	75-35-4	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	1,1-DCE	75-35-4		25	ug/Kg	U	
48195	0	2	FT	BH00101PE	1,1-DICHLOROETHANE	75-34-3	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	1,1-DICHLOROETHANE	75-34-3	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	1,1-DICHLOROETHANE	75-34-3	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	1,1-DICHLOROETHANE	75-34-3	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	1,1-DICHLOROETHANE	75-34-3	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	1,1-DICHLOROETHANE	75-34-3	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	1,1-DICHLOROETHANE	75-34-3	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	1,1-DICHLOROETHANE	75-34-3	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	1,1-DICHLOROETHENE	75-35-4	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	1,1-DICHLOROETHENE	75-35-4	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	1,1-DICHLOROETHENE	75-35-4	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	1,1-DICHLOROETHENE	75-35-4	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	1,1-DICHLOROETHENE	75-35-4	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	1,1-DICHLOROETHENE	75-35-4	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	1,1-DICHLOROETHENE	75-35-4	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	1,1-DICHLOROETHENE	75-35-4	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	1,2,3-TRIMETHYLBENZENE	526-73-8		700	ug/Kg	JN	V
41593	4	6	FT	BH40419AE	1,2,4-TRICHLOROBENZENE	120-82-1	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	1,2,4-TRICHLOROBENZENE	120-82-1	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	1,2,4-TRICHLOROBENZENE	120-82-1	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	1,2,4-TRICHLOROBENZENE	120-82-1	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	1,2,4-TRICHLOROBENZENE	120-82-1	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	1,2,4-TRICHLOROBENZENE	120-82-1	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	1,2,4-TRICHLOROBENZENE	120-82-1	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	1,2,4-TRICHLOROBENZENE	120-82-1	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	1,2,4-TRICHLOROBENZENE	120-82-1	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	1,2,4-TRICHLOROBENZENE	120-82-1	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	1,2,4-TRICHLOROBENZENE	120-82-1	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	1,2,4-TRICHLOROBENZENE	120-82-1	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	1,2,4-TRICHLOROBENZENE	120-82-1	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	1,2,4-TRICHLOROBENZENE	120-82-1	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	1,2,4-TRICHLOROBENZENE	120-82-1	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	1,2,4-TRICHLOROBENZENE	120-82-1	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	1,2,4-TRICHLOROBENZENE	120-82-1	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	1,2,4-TRICHLOROBENZENE	120-82-1	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	1,2,4-TRICHLOROBENZENE	120-82-1	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	1,2,4-TRICHLOROBENZENE	120-82-1	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	1,2,4-TRICHLOROBENZENE	120-82-1	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	1,2,4-TRICHLOROBENZENE	120-82-1	740	740	ug/Kg	U	V

350

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48295	2	4	FT	BH00105PE	1,2,4-TRICHLOROBENZENE	120-82-1	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	1,2,4-TRICHLOROBENZENE	120-82-1	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	1,2,4-TRICHLOROBENZENE	120-82-1	660	42	ug/Kg	J	Z
48395	4	5	FT	BH00109PE	1,2,4-TRICHLOROBENZENE	120-82-1	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	1,2,4-TRICHLOROBENZENE	120-82-1	810	810	ug/Kg	U	V
05093	1	2	FT	BH00062AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	1,2-DCA	107-06-2	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	1,2-DCA	107-06-2	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	1,2-DCA	107-06-2	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	1,2-DCA	107-06-2	29	29	ug/Kg	U	V
42193	1	2	FT	BH40433AE	1,2-DCA	107-06-2	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	1,2-DCA	107-06-2	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	1,2-DCA	107-06-2	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	1,2-DCA	107-06-2	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	1,2-DCA	107-06-2	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	1,2-DCA	107-06-2	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	1,2-DCA	107-06-2	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	1,2-DCA	107-06-2	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	1,2-DCA	107-06-2	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	1,2-DCA	107-06-2	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	1,2-DCA	107-06-2	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	1,2-DCA	107-06-2		25	ug/Kg	U	
41593	4	6	FT	BH40419AE	1,2-DCB	95-50-1	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	1,2-DCB	95-50-1	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	1,2-DCB	95-50-1	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	1,2-DCB	95-50-1	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	1,2-DCB	95-50-1	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	1,2-DCB	95-50-1	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	1,2-DCB	95-50-1	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	1,2-DCB	95-50-1	370	370	ug/Kg	U	Z

351

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43493	0	5	FT	BH40319AE	1,2-DCB	95-50-1	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	1,2-DCB	95-50-1	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	1,2-DCB	95-50-1	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	1,2-DCB	95-50-1	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	1,2-DCB	95-50-1	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	1,2-DCB	95-50-1	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	1,2-DCB	95-50-1	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	1,2-DCB	95-50-1	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	1,2-DCB	95-50-1	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	1,2-DCB	95-50-1	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	1,2-DICHLOROBENZENE	95-50-1	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	1,2-DICHLOROBENZENE	95-50-1	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	1,2-DICHLOROBENZENE	95-50-1	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	1,2-DICHLOROBENZENE	95-50-1	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	1,2-DICHLOROBENZENE	95-50-1	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	1,2-DICHLOROBENZENE	95-50-1	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	1,2-DICHLOROBENZENE	95-50-1	660	660	ug/Kg	U	Z
48395	4	5	FT	BH00109PE	1,2-DICHLOROBENZENE	95-50-1	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	1,2-DICHLOROBENZENE	95-50-1	810	810	ug/Kg	U	V
48195	0	2	FT	BH00101PE	1,2-DICHLOROETHANE	107-06-2	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	1,2-DICHLOROETHANE	107-06-2	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	1,2-DICHLOROETHANE	107-06-2	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	1,2-DICHLOROETHANE	107-06-2	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	1,2-DICHLOROETHANE	107-06-2	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	1,2-DICHLOROETHANE	107-06-2	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	1,2-DICHLOROETHANE	107-06-2	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	1,2-DICHLOROETHANE	107-06-2	5	5	ug/Kg	U	V
05093	1	2	FT	BH00062AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	1,2-DICHLOROETHENE	540-59-0	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	1,2-DICHLOROETHENE	540-59-0	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	1,2-DICHLOROETHENE	540-59-0	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	1,2-DICHLOROETHENE	540-59-0	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	1,2-DICHLOROETHENE	540-59-0	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	1,2-DICHLOROETHENE	540-59-0	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	1,2-DICHLOROETHENE	540-59-0	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	1,2-DICHLOROETHENE	540-59-0	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	1,2-DICHLOROETHENE	540-59-0	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	1,2-DICHLOROETHENE	540-59-0	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	1,2-DICHLOROETHENE	540-59-0	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	1,2-DICHLOROETHENE	540-59-0	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	1,2-DICHLOROETHENE	540-59-0	5	6	ug/Kg	U	V

352

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
[illegible]893	1	2	FT	BH40744AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
[illegible]6993	3	3	FT	BH40758AE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	1,2-DICHLOROETHENE	540-59-0	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	1,2-DICHLOROETHENE	540-59-0	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
05093	1	2	FT	BH00062AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	1,2-DICHLOROPROPANE	78-87-5	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	1,2-DICHLOROPROPANE	78-87-5	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	1,2-DICHLOROPROPANE	78-87-5	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
[illegible]793	2	3	FT	BH40244AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
[illegible]793	5	6	FT	BH40245AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
[illegible]993	2	2	FT	BH40063AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	1,2-DICHLOROPROPANE	78-87-5	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	1,2-DICHLOROPROPANE	78-87-5	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	1,2-DICHLOROPROPANE	78-87-5	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	1,2-DICHLOROPROPANE	78-87-5	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	1,2-DICHLOROPROPANE	78-87-5	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	1,2-DICHLOROPROPANE	78-87-5	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	1,2-DICHLOROPROPANE	78-87-5	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	1,2-DICHLOROPROPANE	78-87-5	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	1,2-DICHLOROPROPANE	78-87-5	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	1,2-DICHLOROPROPANE	78-87-5	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
[illegible]8195	2	4	FT	BH00102PE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
[illegible]195	4	6	FT	BH00103PE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
[illegible]295	0	2	FT	BH00104PE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V

353

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
295	2	4	FT	BH00105PE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
8295	4	6	FT	BH00106PE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	1,2-DICHLOROPROPANE	78-87-5	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	1,2-DICHLOROPROPANE	78-87-5	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	1,2-DICHLOROPROPANE	78-87-5		25	ug/Kg	U	
41593	4	6	FT	BH40419AE	1,3-DICHLOROBENZENE	541-73-1	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	1,3-DICHLOROBENZENE	541-73-1	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	1,3-DICHLOROBENZENE	541-73-1	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	1,3-DICHLOROBENZENE	541-73-1	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	1,3-DICHLOROBENZENE	541-73-1	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	1,3-DICHLOROBENZENE	541-73-1	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	1,3-DICHLOROBENZENE	541-73-1	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	1,3-DICHLOROBENZENE	541-73-1	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	1,3-DICHLOROBENZENE	541-73-1	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	1,3-DICHLOROBENZENE	541-73-1	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	1,3-DICHLOROBENZENE	541-73-1	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	1,3-DICHLOROBENZENE	541-73-1	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	1,3-DICHLOROBENZENE	541-73-1	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	1,3-DICHLOROBENZENE	541-73-1	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	1,3-DICHLOROBENZENE	541-73-1	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	1,3-DICHLOROBENZENE	541-73-1	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	1,3-DICHLOROBENZENE	541-73-1	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	1,3-DICHLOROBENZENE	541-73-1	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	1,3-DICHLOROBENZENE	541-73-1	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	1,3-DICHLOROBENZENE	541-73-1	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	1,3-DICHLOROBENZENE	541-73-1	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	1,3-DICHLOROBENZENE	541-73-1	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	1,3-DICHLOROBENZENE	541-73-1	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	1,3-DICHLOROBENZENE	541-73-1	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	1,3-DICHLOROBENZENE	541-73-1	660	660	ug/Kg	U	Z
395	4	5	FT	BH00109PE	1,3-DICHLOROBENZENE	541-73-1	750	750	ug/Kg	U	V
8395	0	2	FT	BH00107PE	1,3-DICHLOROBENZENE	541-73-1	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	1,4-DCB	106-46-7	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	1,4-DCB	106-46-7	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	1,4-DCB	106-46-7	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	1,4-DCB	106-46-7	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	1,4-DCB	106-46-7	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	1,4-DCB	106-46-7	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	1,4-DCB	106-46-7	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	1,4-DCB	106-46-7	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	1,4-DCB	106-46-7	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	1,4-DCB	106-46-7	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	1,4-DCB	106-46-7	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	1,4-DCB	106-46-7	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	1,4-DCB	106-46-7	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	1,4-DCB	106-46-7	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	1,4-DCB	106-46-7	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	1,4-DCB	106-46-7	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	1,4-DCB	106-46-7	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	1,4-DCB	106-46-7	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	1,4-DICHLOROBENZENE	106-46-7	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	1,4-DICHLOROBENZENE	106-46-7	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	1,4-DICHLOROBENZENE	106-46-7	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	1,4-DICHLOROBENZENE	106-46-7	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	1,4-DICHLOROBENZENE	106-46-7	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	1,4-DICHLOROBENZENE	106-46-7	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	1,4-DICHLOROBENZENE	106-46-7	660	660	ug/Kg	U	Z
48395	4	5	FT	BH00109PE	1,4-DICHLOROBENZENE	106-46-7	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	1,4-DICHLOROBENZENE	106-46-7	810	810	ug/Kg	U	V
48395	2	4	FT	BH00108PE	1-IODOOCTANE	629-27-6		2000	ug/Kg	JN	V
48295	4	6	FT	BH00106PE	1-OCTANOL	111-87-5		600	ug/Kg	JN	V
48395	2	4	FT	BH00108PE	2,3-DIMETHYL-1-BUTENE	563-78-0		1000	ug/Kg	JN	V
48395	4	5	FT	BH00109PE	2,3-DIMETHYLHEXANE (TIC)	584-94-1		900	ug/Kg	JN	V
41593	4	6	FT	BH40419AE	2,4,5-TRICHLOROPHENOL	95-95-4	2200	2200	ug/Kg	U	V
42193	0	5	FT	BH40427AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
42293	1	6	FT	BH40253AE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	J
42493	0	5	FT	BH40440AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
42493	5	7	IN	SS40083AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
42593	0	5	FT	BH40448AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
43393	0	5	FT	BH40512AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
43493	5	10	FT	BH40322AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	Z
493	0	5	FT	BH40319AE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	Z
693	0	5	FT	BH40520AE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V

354

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46593	1	7	FT	BH40786AE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1700	ug/Kg	U	V
46593	7	8	IN	SS40140AE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1900	ug/Kg	U	J
46693	0	7	FT	BH40792AE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1800	ug/Kg	U	V
46793	0	6	FT	BH40798AE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1800	ug/Kg	U	V
46893	0	7	FT	BH40804AE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1800	ug/Kg	U	V
46993	1	5	FT	BH40810AE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1700	ug/Kg	U	V
46993	10	16	IN	SS40144AE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1900	ug/Kg	U	V
47093	1	7	FT	BH40816AE	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1700	ug/Kg	U	V
48195	4	6	FT	BH00103PE	2,4,5-TRICHLOROPHENOL	95-95-4	1700	1700	ug/Kg	U	V
48195	0	2	FT	BH00101PE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	V
48195	2	4	FT	BH00102PE	2,4,5-TRICHLOROPHENOL	95-95-4	2000	2000	ug/Kg	U	V
48295	0	2	FT	BH00104PE	2,4,5-TRICHLOROPHENOL	95-95-4	1800	1800	ug/Kg	U	V
48295	2	4	FT	BH00105PE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	V
48295	4	6	FT	BH00106PE	2,4,5-TRICHLOROPHENOL	95-95-4	2000	2000	ug/Kg	U	V
48395	2	4	FT	BH00108PE	2,4,5-TRICHLOROPHENOL	95-95-4	1700	1700	ug/Kg	U	V
48395	4	5	FT	BH00109PE	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	V
48395	0	2	FT	BH00107PE	2,4,5-TRICHLOROPHENOL	95-95-4	2000	2000	ug/Kg	U	V
41593	4	6	FT	BH40419AE	2,4,6-TRICHLOROPHENOL	88-06-2	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	2,4,6-TRICHLOROPHENOL	88-06-2	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	2,4,6-TRICHLOROPHENOL	88-06-2	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	2,4,6-TRICHLOROPHENOL	88-06-2	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	2,4,6-TRICHLOROPHENOL	88-06-2	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	2,4,6-TRICHLOROPHENOL	88-06-2	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	2,4,6-TRICHLOROPHENOL	88-06-2	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	2,4,6-TRICHLOROPHENOL	88-06-2	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	2,4,6-TRICHLOROPHENOL	88-06-2	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	2,4,6-TRICHLOROPHENOL	88-06-2	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	2,4,6-TRICHLOROPHENOL	88-06-2	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	2,4,6-TRICHLOROPHENOL	88-06-2	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	2,4,6-TRICHLOROPHENOL	88-06-2	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	2,4,6-TRICHLOROPHENOL	88-06-2	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	2,4,6-TRICHLOROPHENOL	88-06-2	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	2,4,6-TRICHLOROPHENOL	88-06-2	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	2,4,6-TRICHLOROPHENOL	88-06-2	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	2,4,6-TRICHLOROPHENOL	88-06-2	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	2,4,6-TRICHLOROPHENOL	88-06-2	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	2,4,6-TRICHLOROPHENOL	88-06-2	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	2,4,6-TRICHLOROPHENOL	88-06-2	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	2,4,6-TRICHLOROPHENOL	88-06-2	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	2,4,6-TRICHLOROPHENOL	88-06-2	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	2,4,6-TRICHLOROPHENOL	88-06-2	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	2,4,6-TRICHLOROPHENOL	88-06-2	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	2,4,6-TRICHLOROPHENOL	88-06-2	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	2,4,6-TRICHLOROPHENOL	88-06-2	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	2,4-DICHLOROPHENOL	120-83-2	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	2,4-DICHLOROPHENOL	120-83-2	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	2,4-DICHLOROPHENOL	120-83-2	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	2,4-DICHLOROPHENOL	120-83-2	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	2,4-DICHLOROPHENOL	120-83-2	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	2,4-DICHLOROPHENOL	120-83-2	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	2,4-DICHLOROPHENOL	120-83-2	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	2,4-DICHLOROPHENOL	120-83-2	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	2,4-DICHLOROPHENOL	120-83-2	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	2,4-DICHLOROPHENOL	120-83-2	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	2,4-DICHLOROPHENOL	120-83-2	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	2,4-DICHLOROPHENOL	120-83-2	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	2,4-DICHLOROPHENOL	120-83-2	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	2,4-DICHLOROPHENOL	120-83-2	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	2,4-DICHLOROPHENOL	120-83-2	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	2,4-DICHLOROPHENOL	120-83-2	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	2,4-DICHLOROPHENOL	120-83-2	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	2,4-DICHLOROPHENOL	120-83-2	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	2,4-DICHLOROPHENOL	120-83-2	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	2,4-DICHLOROPHENOL	120-83-2	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	2,4-DICHLOROPHENOL	120-83-2	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	2,4-DICHLOROPHENOL	120-83-2	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	2,4-DICHLOROPHENOL	120-83-2	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	2,4-DICHLOROPHENOL	120-83-2	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	2,4-DICHLOROPHENOL	120-83-2	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	2,4-DICHLOROPHENOL	120-83-2	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	2,4-DICHLOROPHENOL	120-83-2	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	2,4-DIMETHYLPHENOL	105-67-9	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	2,4-DIMETHYLPHENOL	105-67-9	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	2,4-DIMETHYLPHENOL	105-67-9	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	2,4-DIMETHYLPHENOL	105-67-9	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	2,4-DIMETHYLPHENOL	105-67-9	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	2,4-DIMETHYLPHENOL	105-67-9	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	2,4-DIMETHYLPHENOL	105-67-9	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	2,4-DIMETHYLPHENOL	105-67-9	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	2,4-DIMETHYLPHENOL	105-67-9	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	2,4-DIMETHYLPHENOL	105-67-9	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	2,4-DIMETHYLPHENOL	105-67-9	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	2,4-DIMETHYLPHENOL	105-67-9	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	2,4-DIMETHYLPHENOL	105-67-9	330	380	ug/Kg	U	V

355

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46793	0	6	FT	BH40798AE	2,4-DIMETHYLPHENOL	105-67-9	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	2,4-DIMETHYLPHENOL	105-67-9	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	2,4-DIMETHYLPHENOL	105-67-9	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	2,4-DIMETHYLPHENOL	105-67-9	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	2,4-DIMETHYLPHENOL	105-67-9	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	2,4-DIMETHYLPHENOL	105-67-9	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	2,4-DIMETHYLPHENOL	105-67-9	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	2,4-DIMETHYLPHENOL	105-67-9	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	2,4-DIMETHYLPHENOL	105-67-9	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	2,4-DIMETHYLPHENOL	105-67-9	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	2,4-DIMETHYLPHENOL	105-67-9	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	2,4-DIMETHYLPHENOL	105-67-9	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	2,4-DIMETHYLPHENOL	105-67-9	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	2,4-DIMETHYLPHENOL	105-67-9	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	2,4-DINITROPHENOL	51-28-5	2200	2200	ug/Kg	U	V
42193	0	5	FT	BH40427AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
42293	1	6	FT	BH40253AE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	J
42493	0	5	FT	BH40440AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
42493	5	7	IN	SS40083AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
42593	0	5	FT	BH40448AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
43393	0	5	FT	BH40512AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
43493	5	10	FT	BH40322AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	V
46593	1	7	FT	BH40786AE	2,4-DINITROPHENOL	51-28-5	1600	1700	ug/Kg	U	V
46593	7	8	IN	SS40140AE	2,4-DINITROPHENOL	51-28-5	1600	1900	ug/Kg	U	J
46693	0	7	FT	BH40792AE	2,4-DINITROPHENOL	51-28-5	1600	1800	ug/Kg	U	V
46793	0	6	FT	BH40798AE	2,4-DINITROPHENOL	51-28-5	1600	1800	ug/Kg	U	V
46893	0	7	FT	BH40804AE	2,4-DINITROPHENOL	51-28-5	1600	1800	ug/Kg	U	V
46993	1	5	FT	BH40810AE	2,4-DINITROPHENOL	51-28-5	1600	1700	ug/Kg	U	V
46993	10	16	IN	SS40144AE	2,4-DINITROPHENOL	51-28-5	1600	1900	ug/Kg	U	V
47093	1	7	FT	BH40816AE	2,4-DINITROPHENOL	51-28-5	1600	1700	ug/Kg	U	V
48195	4	6	FT	BH00103PE	2,4-DINITROPHENOL	51-28-5	1700	1700	ug/Kg	U	J/UJ
48195	0	2	FT	BH00101PE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	J/UJ
48195	2	4	FT	BH00102PE	2,4-DINITROPHENOL	51-28-5	2000	2000	ug/Kg	U	J/UJ
48295	0	2	FT	BH00104PE	2,4-DINITROPHENOL	51-28-5	1800	1800	ug/Kg	U	J/UJ
48295	2	4	FT	BH00105PE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	J/UJ
48295	4	6	FT	BH00106PE	2,4-DINITROPHENOL	51-28-5	2000	2000	ug/Kg	U	J/UJ
48395	2	4	FT	BH00108PE	2,4-DINITROPHENOL	51-28-5	1700	1700	ug/Kg	U	J/UJ
48395	4	5	FT	BH00109PE	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	J/UJ
48395	0	2	FT	BH00107PE	2,4-DINITROPHENOL	51-28-5	2000	2000	ug/Kg	U	J/UJ
48195	4	6	FT	BH00103PE	2,4-DINITROTOLUENE	121-14-2	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	2,4-DINITROTOLUENE	121-14-2	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	2,4-DINITROTOLUENE	121-14-2	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	2,4-DINITROTOLUENE	121-14-2	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	2,4-DINITROTOLUENE	121-14-2	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	2,4-DINITROTOLUENE	121-14-2	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	2,4-DINITROTOLUENE	121-14-2	660	43	ug/Kg	J	V
48395	4	5	FT	BH00109PE	2,4-DINITROTOLUENE	121-14-2	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	2,4-DINITROTOLUENE	121-14-2	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	2,4-DNT	121-14-2	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	2,4-DNT	121-14-2	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	2,4-DNT	121-14-2	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	2,4-DNT	121-14-2	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	2,4-DNT	121-14-2	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	2,4-DNT	121-14-2	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	2,4-DNT	121-14-2	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	2,4-DNT	121-14-2	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	2,4-DNT	121-14-2	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	2,4-DNT	121-14-2	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	2,4-DNT	121-14-2	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	2,4-DNT	121-14-2	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	2,4-DNT	121-14-2	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	2,4-DNT	121-14-2	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	2,4-DNT	121-14-2	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	2,4-DNT	121-14-2	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	2,4-DNT	121-14-2	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	2,4-DNT	121-14-2	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	2,6-DINITROTOLUENE	606-20-2	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	2,6-DINITROTOLUENE	606-20-2	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	2,6-DINITROTOLUENE	606-20-2	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	2,6-DINITROTOLUENE	606-20-2	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	2,6-DINITROTOLUENE	606-20-2	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	2,6-DINITROTOLUENE	606-20-2	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	2,6-DINITROTOLUENE	606-20-2	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	2,6-DINITROTOLUENE	606-20-2	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	2,6-DINITROTOLUENE	606-20-2	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	2,6-DNT	606-20-2	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	2,6-DNT	606-20-2	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	2,6-DNT	606-20-2	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	2,6-DNT	606-20-2	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	2,6-DNT	606-20-2	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	2,6-DNT	606-20-2	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	2,6-DNT	606-20-2	360	360	ug/Kg	U	V

356

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
493	5	10	FT	BH40322AE	2,6-DNT	606-20-2	370	370	ug/Kg	U	Z
493	0	5	FT	BH40319AE	2,6-DNT	606-20-2	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	2,6-DNT	606-20-2	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	2,6-DNT	606-20-2	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	2,6-DNT	606-20-2	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	2,6-DNT	606-20-2	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	2,6-DNT	606-20-2	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	2,6-DNT	606-20-2	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	2,6-DNT	606-20-2	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	2,6-DNT	606-20-2	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	2,6-DNT	606-20-2	330	350	ug/Kg	U	V
40893	4	5	FT	BH40032AE	2-BUTANONE	78-93-3	10	11	ug/Kg	U	V
40893	1	1	FT	BH40031AE	2-BUTANONE	78-93-3	10	58	ug/Kg	U	V
43893	1	1	FT	BH40071AE	2-BUTANONE	78-93-3	12	11	ug/Kg	J	A
46593	2	2	FT	BH40701AE	2-BUTANONE	78-93-3	10	11	ug/Kg	U	V
46693	1	1	FT	BH40716AE	2-BUTANONE	78-93-3	10	13	ug/Kg	U	V
46793	1	2	FT	BH40730AE	2-BUTANONE	78-93-3	10	13	ug/Kg	U	V
46893	1	2	FT	BH40744AE	2-BUTANONE	78-93-3	10	11	ug/Kg	U	V
46993	3	3	FT	BH40758AE	2-BUTANONE	78-93-3	10	11	ug/Kg	U	V
48195	0	2	FT	BH00101PE	2-BUTANONE	78-93-3	10	10	ug/Kg	U	V
48195	2	4	FT	BH00102PE	2-BUTANONE	78-93-3	10	10	ug/Kg	U	V
48195	4	6	FT	BH00103PE	2-BUTANONE	78-93-3	10	10	ug/Kg	U	V
48295	0	2	FT	BH00104PE	2-BUTANONE	78-93-3	10	10	ug/Kg	U	V
48295	2	4	FT	BH00105PE	2-BUTANONE	78-93-3	10	10	ug/Kg	U	V
48295	4	6	FT	BH00106PE	2-BUTANONE	78-93-3	10	10	ug/Kg	U	V
48395	0	2	FT	BH00107PE	2-BUTANONE	78-93-3	10	2	ug/Kg	J	V
48395	4	5	FT	BH00109PE	2-BUTANONE	78-93-3	10	10	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	2-BUTANONE	78-93-3	11	11	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	2-BUTANONE	78-93-3	11	11	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	2-BUTANONE	78-93-3		50	ug/Kg	U	
SP0387	2	4	FT	SP038702DH	2-CHLOROETHYL VINYL ETHER	110-75-8		50	ug/Kg	U	
41593	4	6	FT	BH40419AE	2-CHLORONAPHTHALENE	91-58-7	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	2-CHLORONAPHTHALENE	91-58-7	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	2-CHLORONAPHTHALENE	91-58-7	390	390	ug/Kg	U	J
93	5	7	IN	SS40083AE	2-CHLORONAPHTHALENE	91-58-7	350	350	ug/Kg	U	V
93	0	5	FT	BH40440AE	2-CHLORONAPHTHALENE	91-58-7	360	360	ug/Kg	U	V
2593	0	5	FT	BH40448AE	2-CHLORONAPHTHALENE	91-58-7	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	2-CHLORONAPHTHALENE	91-58-7	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	2-CHLORONAPHTHALENE	91-58-7	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	2-CHLORONAPHTHALENE	91-58-7	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	2-CHLORONAPHTHALENE	91-58-7	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	2-CHLORONAPHTHALENE	91-58-7	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	2-CHLORONAPHTHALENE	91-58-7	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	2-CHLORONAPHTHALENE	91-58-7	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	2-CHLORONAPHTHALENE	91-58-7	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	2-CHLORONAPHTHALENE	91-58-7	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	2-CHLORONAPHTHALENE	91-58-7	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	2-CHLORONAPHTHALENE	91-58-7	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	2-CHLORONAPHTHALENE	91-58-7	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	2-CHLORONAPHTHALENE	91-58-7	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	2-CHLORONAPHTHALENE	91-58-7	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	2-CHLORONAPHTHALENE	91-58-7	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	2-CHLORONAPHTHALENE	91-58-7	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	2-CHLORONAPHTHALENE	91-58-7	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	2-CHLORONAPHTHALENE	91-58-7	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	2-CHLORONAPHTHALENE	91-58-7	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	2-CHLORONAPHTHALENE	91-58-7	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	2-CHLORONAPHTHALENE	91-58-7	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	2-CHLOROPHENOL	95-57-8	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	2-CHLOROPHENOL	95-57-8	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	2-CHLOROPHENOL	95-57-8	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	2-CHLOROPHENOL	95-57-8	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	2-CHLOROPHENOL	95-57-8	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	2-CHLOROPHENOL	95-57-8	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	2-CHLOROPHENOL	95-57-8	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	2-CHLOROPHENOL	95-57-8	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	2-CHLOROPHENOL	95-57-8	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	2-CHLOROPHENOL	95-57-8	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	2-CHLOROPHENOL	95-57-8	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	2-CHLOROPHENOL	95-57-8	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	2-CHLOROPHENOL	95-57-8	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	2-CHLOROPHENOL	95-57-8	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	2-CHLOROPHENOL	95-57-8	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	2-CHLOROPHENOL	95-57-8	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	2-CHLOROPHENOL	95-57-8	330	380	ug/Kg	U	V
93	1	7	FT	BH40816AE	2-CHLOROPHENOL	95-57-8	330	350	ug/Kg	U	V
5	4	6	FT	BH00103PE	2-CHLOROPHENOL	95-57-8	660	660	ug/Kg	U	V

357

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48195	0	2	FT	BH00101PE	2-CHLOROPHENOL	95-57-8	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	2-CHLOROPHENOL	95-57-8	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	2-CHLOROPHENOL	95-57-8	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	2-CHLOROPHENOL	95-57-8	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	2-CHLOROPHENOL	95-57-8	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	2-CHLOROPHENOL	95-57-8	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	2-CHLOROPHENOL	95-57-8	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	2-CHLOROPHENOL	95-57-8	810	810	ug/Kg	U	V
05093	1	2	FT	BH00062AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
05093	5	6	FT	BH00063AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
05193	1	1	FT	BH00067AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
05393	2	2	FT	BH00077AE	2-HEXANONE	591-78-6	10	10	ug/Kg	U	V
40093	1	2	FT	BH40168AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
40093	4	5	FT	BH40169AE	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
40293	2	2	FT	BH40119AE	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
40393	2	2	FT	BH40124AE	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
40693	1	2	FT	BH40151AE	2-HEXANONE	591-78-6	13	13	ug/Kg	U	V
40793	5	6	FT	BH40159AE	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
40793	1	2	FT	BH40158AE	2-HEXANONE	591-78-6	64	64	ug/Kg	U	V
40893	4	5	FT	BH40032AE	2-HEXANONE	591-78-6	10	11	ug/Kg	U	V
40893	1	1	FT	BH40031AE	2-HEXANONE	591-78-6	10	58	ug/Kg	U	V
40993	1	2	FT	BH40202AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
40993	5	6	FT	BH40203AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
41193	1	2	FT	BH40050AE	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
41293	1	2	FT	BH40197AE	2-HEXANONE	591-78-6	56	56	ug/Kg	U	V
41593	5	5	FT	BH40211AE	2-HEXANONE	591-78-6	10	10	ug/Kg	U	V
41693	2	2	FT	BH40218AE	2-HEXANONE	591-78-6	10	10	ug/Kg	U	V
41793	2	3	FT	BH40244AE	2-HEXANONE	591-78-6	10	10	ug/Kg	U	V
41793	5	6	FT	BH40245AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
41993	2	2	FT	BH40063AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
41993	5	5	FT	BH40064AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
42093	1	2	FT	BH40484AE	2-HEXANONE	591-78-6	57	57	ug/Kg	U	V
42193	1	2	FT	BH40436AE	2-HEXANONE	591-78-6	24	24	ug/Kg	U	V
42293	4	4	FT	BH40254AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	J
42393	1	1	FT	BH40262AE	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
42493	5	5	FT	BH40284AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
42493	2	3	FT	BH40283AE	2-HEXANONE	591-78-6	13	13	ug/Kg	U	V
42593	5	6	FT	BH40292AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
42993	1	2	FT	BH40143AE	2-HEXANONE	591-78-6	10	10	ug/Kg	U	V
42993	5	6	FT	BH40145AE	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
43193	2	2	FT	BH40307AE	2-HEXANONE	591-78-6	21	21	ug/Kg	U	V
43393	2	2	FT	BH40325AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
43393	5	6	FT	BH40326AE	2-HEXANONE	591-78-6	13	13	ug/Kg	U	V
43493	2	2	FT	BH40320AE	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
43493	5	6	FT	BH40321AE	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
43693	3	3	FT	BH40341AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
43793	1	1	FT	BH40333AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
43793	5	6	FT	BH40334AE	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
43893	1	1	FT	BH40071AE	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
43993	1	1	FT	BH40354AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
43993	5	5	FT	BH40355AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
44093	1	2	FT	BH40349AE	2-HEXANONE	591-78-6	23	23	ug/Kg	U	V
44393	5	6	FT	BH40035AE	2-HEXANONE	591-78-6	25	25	ug/Kg	U	V
44393	1	1	FT	BH40034AE	2-HEXANONE	591-78-6	57	57	ug/Kg	U	V
44893	2	2	FT	BH40190AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
45693	5	6	FT	BH40376AE	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
45693	1	1	FT	BH40375AE	2-HEXANONE	591-78-6	13	13	ug/Kg	U	V
45793	5	6	FT	BH40560AE	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
45893	2	2	FT	BH40378AE	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
45893	5	5	FT	BH40379AE	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
46193	0	1	FT	BH40386AE	2-HEXANONE	591-78-6	60	60	ug/Kg	U	V
46293	2	3	FT	BH40566AE	2-HEXANONE	591-78-6	13	13	ug/Kg	U	V
46593	2	2	FT	BH40701AE	2-HEXANONE	591-78-6	10	11	ug/Kg	U	V
46693	1	1	FT	BH40716AE	2-HEXANONE	591-78-6	10	13	ug/Kg	U	V
46793	1	2	FT	BH40730AE	2-HEXANONE	591-78-6	10	13	ug/Kg	U	V
46893	1	2	FT	BH40744AE	2-HEXANONE	591-78-6	10	11	ug/Kg	U	V
46993	3	3	FT	BH40758AE	2-HEXANONE	591-78-6	10	11	ug/Kg	U	V
48195	0	2	FT	BH00101PE	2-HEXANONE	591-78-6	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	2-HEXANONE	591-78-6	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	2-HEXANONE	591-78-6	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	2-HEXANONE	591-78-6	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	2-HEXANONE	591-78-6	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	2-HEXANONE	591-78-6	5	5	ug/Kg	U	J/UJ
48395	0	2	FT	BH00107PE	2-HEXANONE	591-78-6	5	5	ug/Kg	U	J/UJ
48395	4	5	FT	BH00109PE	2-HEXANONE	591-78-6	5	5	ug/Kg	U	J/UJ
P208989	5	7	FT	SEP1789BR0406	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V

358

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SP0387	2	4	FT	SP038702DH	2-HEXANONE	591-78-6		50	ug/Kg	U	
41593	4	6	FT	BH40419AE	2-METHYLNAPHTHALENE	91-57-6	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	2-METHYLNAPHTHALENE	91-57-6	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	2-METHYLNAPHTHALENE	91-57-6	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	2-METHYLNAPHTHALENE	91-57-6	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	2-METHYLNAPHTHALENE	91-57-6	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	2-METHYLNAPHTHALENE	91-57-6	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	2-METHYLNAPHTHALENE	91-57-6	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	2-METHYLNAPHTHALENE	91-57-6	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	2-METHYLNAPHTHALENE	91-57-6	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	2-METHYLNAPHTHALENE	91-57-6	360	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	2-METHYLNAPHTHALENE	91-57-6	330	73	ug/Kg	J	A
46593	1	7	FT	BH40786AE	2-METHYLNAPHTHALENE	91-57-6	330	360	ug/Kg	U	V
46693	0	7	FT	BH40792AE	2-METHYLNAPHTHALENE	91-57-6	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	2-METHYLNAPHTHALENE	91-57-6	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	2-METHYLNAPHTHALENE	91-57-6	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	2-METHYLNAPHTHALENE	91-57-6	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	2-METHYLNAPHTHALENE	91-57-6	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	2-METHYLNAPHTHALENE	91-57-6	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	2-METHYLNAPHTHALENE	91-57-6	660	35	ug/Kg	BJ	U/JB
48195	2	4	FT	BH00102PE	2-METHYLNAPHTHALENE	91-57-6	790	46	ug/Kg	BJ	U/JB
48195	0	2	FT	BH00101PE	2-METHYLNAPHTHALENE	91-57-6	760	210	ug/Kg	BJ	U/JB
48295	2	4	FT	BH00105PE	2-METHYLNAPHTHALENE	91-57-6	770	280	ug/Kg	BJ	V
48295	4	6	FT	BH00106PE	2-METHYLNAPHTHALENE	91-57-6	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	2-METHYLNAPHTHALENE	91-57-6	740	950	ug/Kg	B	U/JB
48395	2	4	FT	BH00108PE	2-METHYLNAPHTHALENE	91-57-6	660	54	ug/Kg	J	V
48395	4	5	FT	BH00109PE	2-METHYLNAPHTHALENE	91-57-6	750	270	ug/Kg	J	V
48395	0	2	FT	BH00107PE	2-METHYLNAPHTHALENE	91-57-6	810	350	ug/Kg	BJ	U/JB
41593	4	6	FT	BH40419AE	2-METHYLPHENOL	95-48-7	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	2-METHYLPHENOL	95-48-7	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	2-METHYLPHENOL	95-48-7	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	2-METHYLPHENOL	95-48-7	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	2-METHYLPHENOL	95-48-7	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	2-METHYLPHENOL	95-48-7	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	2-METHYLPHENOL	95-48-7	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	2-METHYLPHENOL	95-48-7	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	2-METHYLPHENOL	95-48-7	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	2-METHYLPHENOL	95-48-7	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	2-METHYLPHENOL	95-48-7	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	2-METHYLPHENOL	95-48-7	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	2-METHYLPHENOL	95-48-7	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	2-METHYLPHENOL	95-48-7	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	2-METHYLPHENOL	95-48-7	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	2-METHYLPHENOL	95-48-7	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	2-METHYLPHENOL	95-48-7	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	2-METHYLPHENOL	95-48-7	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	2-METHYLPHENOL	95-48-7	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	2-METHYLPHENOL	95-48-7	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	2-METHYLPHENOL	95-48-7	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	2-METHYLPHENOL	95-48-7	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	2-METHYLPHENOL	95-48-7	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	2-METHYLPHENOL	95-48-7	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	2-METHYLPHENOL	95-48-7	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	2-METHYLPHENOL	95-48-7	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	2-METHYLPHENOL	95-48-7	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	2-NITROANILINE	88-74-4	2200	2200	ug/Kg	U	V
42193	0	5	FT	BH40427AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
42293	1	6	FT	BH40253AE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	J
42493	0	5	FT	BH40440AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
42493	5	7	IN	SS40083AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
42593	0	5	FT	BH40448AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
43393	0	5	FT	BH40512AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
43493	5	10	FT	BH40322AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
46593	1	7	FT	BH40786AE	2-NITROANILINE	88-74-4	1600	1700	ug/Kg	U	V
46593	7	8	IN	SS40140AE	2-NITROANILINE	88-74-4	1600	1900	ug/Kg	U	J
46693	0	7	FT	BH40792AE	2-NITROANILINE	88-74-4	1600	1800	ug/Kg	U	V
46793	0	6	FT	BH40798AE	2-NITROANILINE	88-74-4	1600	1800	ug/Kg	U	V
46893	0	7	FT	BH40804AE	2-NITROANILINE	88-74-4	1600	1800	ug/Kg	U	V
46993	1	5	FT	BH40810AE	2-NITROANILINE	88-74-4	1600	1700	ug/Kg	U	V
46993	10	16	IN	SS40144AE	2-NITROANILINE	88-74-4	1600	1900	ug/Kg	U	V
47093	1	7	FT	BH40816AE	2-NITROANILINE	88-74-4	1600	1700	ug/Kg	U	V
48195	4	6	FT	BH00103PE	2-NITROANILINE	88-74-4	1700	1700	ug/Kg	U	V
48195	0	2	FT	BH00101PE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	V
48195	2	4	FT	BH00102PE	2-NITROANILINE	88-74-4	2000	2000	ug/Kg	U	V
48295	0	2	FT	BH00104PE	2-NITROANILINE	88-74-4	1800	1800	ug/Kg	U	V
48295	2	4	FT	BH00105PE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	V
48295	4	6	FT	BH00106PE	2-NITROANILINE	88-74-4	2000	2000	ug/Kg	U	V
48395	2	4	FT	BH00108PE	2-NITROANILINE	88-74-4	1700	1700	ug/Kg	U	V
48395	4	5	FT	BH00109PE	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	V
48395	0	2	FT	BH00107PE	2-NITROANILINE	88-74-4	2000	2000	ug/Kg	U	V
41593	4	6	FT	BH40419AE	2-NITROPHENOL	88-75-5	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	2-NITROPHENOL	88-75-5	360	360	ug/Kg	U	V

359

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42293	1	6	FT	BH40253AE	2-NITROPHENOL	88-75-5	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	2-NITROPHENOL	88-75-5	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	2-NITROPHENOL	88-75-5	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	2-NITROPHENOL	88-75-5	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	2-NITROPHENOL	88-75-5	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	2-NITROPHENOL	88-75-5	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	2-NITROPHENOL	88-75-5	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	2-NITROPHENOL	88-75-5	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	2-NITROPHENOL	88-75-5	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	2-NITROPHENOL	88-75-5	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	2-NITROPHENOL	88-75-5	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	2-NITROPHENOL	88-75-5	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	2-NITROPHENOL	88-75-5	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	2-NITROPHENOL	88-75-5	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	2-NITROPHENOL	88-75-5	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	2-NITROPHENOL	88-75-5	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	2-NITROPHENOL	88-75-5	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	2-NITROPHENOL	88-75-5	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	2-NITROPHENOL	88-75-5	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	2-NITROPHENOL	88-75-5	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	2-NITROPHENOL	88-75-5	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	2-NITROPHENOL	88-75-5	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	2-NITROPHENOL	88-75-5	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	2-NITROPHENOL	88-75-5	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	2-NITROPHENOL	88-75-5	810	810	ug/Kg	U	V
48195	4	6	FT	BH00103PE	2-PENTANONE, 4-HYDROXY-4-METHYL	123-42-2		90000	ug/Kg	JN	V
48195	0	2	FT	BH00101PE	2-PENTANONE, 4-HYDROXY-4-METHYL	123-42-2		100000	ug/Kg	JN	V
48295	4	6	FT	BH00106PE	2-PENTANONE, 4-HYDROXY-4-METHYL	123-42-2		40000	ug/Kg	JN	V
48295	0	2	FT	BH00104PE	2-PENTANONE, 4-HYDROXY-4-METHYL	123-42-2		100000	ug/Kg	JN	V
48295	2	4	FT	BH00105PE	2-PENTANONE, 4-HYDROXY-4-METHYL	123-42-2		100000	ug/Kg	JN	V
48395	2	4	FT	BH00108PE	2-PENTANONE, 4-HYDROXY-4-METHYL	123-42-2		10000	ug/Kg	JN	V
48395	0	2	FT	BH00107PE	2-PENTANONE, 4-HYDROXY-4-METHYL	123-42-2		100000	ug/Kg	BJN	V
48295	4	6	FT	BH00106PE	2-PENTENAL(E)	1576-87-0		600	ug/Kg	JN	V
48395	2	4	FT	BH00108PE	2-PENTENAL(E)	1576-87-0		200	ug/Kg	JN	V
41593	4	6	FT	BH40419AE	3,3'-DICHLOROBENZIDINE	91-94-1	890	890	ug/Kg	U	V
42193	0	5	FT	BH40427AE	3,3'-DICHLOROBENZIDINE	91-94-1	720	720	ug/Kg	U	V
42293	1	6	FT	BH40253AE	3,3'-DICHLOROBENZIDINE	91-94-1	770	770	ug/Kg	U	J
42493	5	7	IN	SS40083AE	3,3'-DICHLOROBENZIDINE	91-94-1	700	700	ug/Kg	U	V
42493	0	5	FT	BH40440AE	3,3'-DICHLOROBENZIDINE	91-94-1	720	720	ug/Kg	U	V
42593	0	5	FT	BH40448AE	3,3'-DICHLOROBENZIDINE	91-94-1	710	710	ug/Kg	U	V
43393	0	5	FT	BH40512AE	3,3'-DICHLOROBENZIDINE	91-94-1	720	720	ug/Kg	U	V
43493	5	10	FT	BH40322AE	3,3'-DICHLOROBENZIDINE	91-94-1	740	740	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	3,3'-DICHLOROBENZIDINE	91-94-1	760	760	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	3,3'-DICHLOROBENZIDINE	91-94-1	720	720	ug/Kg	U	V
46593	1	7	FT	BH40786AE	3,3'-DICHLOROBENZIDINE	91-94-1	660	720	ug/Kg	U	V
46593	7	8	IN	SS40140AE	3,3'-DICHLOROBENZIDINE	91-94-1	660	770	ug/Kg	U	J
46693	0	7	FT	BH40792AE	3,3'-DICHLOROBENZIDINE	91-94-1	660	760	ug/Kg	U	V
46793	0	6	FT	BH40798AE	3,3'-DICHLOROBENZIDINE	91-94-1	660	750	ug/Kg	U	V
46893	0	7	FT	BH40804AE	3,3'-DICHLOROBENZIDINE	91-94-1	660	750	ug/Kg	U	V
46993	1	5	FT	BH40810AE	3,3'-DICHLOROBENZIDINE	91-94-1	660	710	ug/Kg	U	V
46993	10	16	IN	SS40144AE	3,3'-DICHLOROBENZIDINE	91-94-1	660	760	ug/Kg	U	V
47093	1	7	FT	BH40816AE	3,3'-DICHLOROBENZIDINE	91-94-1	660	710	ug/Kg	U	V
48195	4	6	FT	BH00103PE	3,3'-DICHLOROBENZIDINE	91-94-1	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	3,3'-DICHLOROBENZIDINE	91-94-1	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	3,3'-DICHLOROBENZIDINE	91-94-1	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	3,3'-DICHLOROBENZIDINE	91-94-1	740	740	ug/Kg	U	J/UJ
48295	2	4	FT	BH00105PE	3,3'-DICHLOROBENZIDINE	91-94-1	770	770	ug/Kg	U	J/UJ
48295	4	6	FT	BH00106PE	3,3'-DICHLOROBENZIDINE	91-94-1	790	790	ug/Kg	U	J/UJ
48395	2	4	FT	BH00108PE	3,3'-DICHLOROBENZIDINE	91-94-1	660	660	ug/Kg	U	J/UJ
48395	4	5	FT	BH00109PE	3,3'-DICHLOROBENZIDINE	91-94-1	750	750	ug/Kg	U	J/UJ
48395	0	2	FT	BH00107PE	3,3'-DICHLOROBENZIDINE	91-94-1	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	3-NITROANILINE	99-09-2	2200	2200	ug/Kg	U	V
42193	0	5	FT	BH40427AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
42293	1	6	FT	BH40253AE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	J
42493	0	5	FT	BH40440AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
42493	5	7	IN	SS40083AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
42593	0	5	FT	BH40448AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
43393	0	5	FT	BH40512AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
43493	5	10	FT	BH40322AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	V
46593	1	7	FT	BH40786AE	3-NITROANILINE	99-09-2	1600	1700	ug/Kg	U	V
46593	7	8	IN	SS40140AE	3-NITROANILINE	99-09-2	1600	1900	ug/Kg	U	J
46693	0	7	FT	BH40792AE	3-NITROANILINE	99-09-2	1600	1800	ug/Kg	U	V
46793	0	6	FT	BH40798AE	3-NITROANILINE	99-09-2	1600	1800	ug/Kg	U	V
46893	0	7	FT	BH40804AE	3-NITROANILINE	99-09-2	1600	1800	ug/Kg	U	V
46993	1	5	FT	BH40810AE	3-NITROANILINE	99-09-2	1600	1700	ug/Kg	U	V
46993	10	16	IN	SS40144AE	3-NITROANILINE	99-09-2	1600	1900	ug/Kg	U	V
47093	1	7	FT	BH40816AE	3-NITROANILINE	99-09-2	1600	1700	ug/Kg	U	V
48195	4	6	FT	BH00103PE	3-NITROANILINE	99-09-2	1700	1700	ug/Kg	U	J/UJ
48195	0	2	FT	BH00101PE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	J/UJ
18195	2	4	FT	BH00102PE	3-NITROANILINE	99-09-2	2000	2000	ug/Kg	U	J/UJ
48295	0	2	FT	BH00104PE	3-NITROANILINE	99-09-2	1800	1800	ug/Kg	U	J/UJ
48295	2	4	FT	BH00105PE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	J/UJ

360

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48295	4	6	FT	BH00106PE	3-NITROANILINE	99-09-2	2000	2000	ug/Kg	U	V
48395	2	4	FT	BH00108PE	3-NITROANILINE	99-09-2	1700	1700	ug/Kg	U	V
48395	4	5	FT	BH00109PE	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	V
48395	0	2	FT	BH00107PE	3-NITROANILINE	99-09-2	2000	2000	ug/Kg	U	V
48295	4	6	FT	BH00106PE	3-PENTEN-1-O1, 2-METHYL	62238-37-3		9000	ug/Kg	JN	V
48395	4	5	FT	BH00109PE	3-PENTEN-1-O1, 2-METHYL	62238-37-3		7000	ug/Kg	JN	V
41593	4	6	FT	BH40419AE	4,4'-DDD	72-54-8	21	21	ug/Kg	U	V
42193	0	5	FT	BH40427AE	4,4'-DDD	72-54-8	17	17	ug/Kg	U	V
42293	1	6	FT	BH40253AE	4,4'-DDD	72-54-8	19	19	ug/Kg	U	V
42493	0	5	FT	BH40440AE	4,4'-DDD	72-54-8	17	17	ug/Kg	U	V
43393	0	5	FT	BH40512AE	4,4'-DDD	72-54-8	17	17	ug/Kg	U	V
43493	0	5	FT	BH40319AE	4,4'-DDD	72-54-8	18	18	ug/Kg	U	V
43493	5	10	FT	BH40322AE	4,4'-DDD	72-54-8	18	18	ug/Kg	U	V
43693	0	5	FT	BH40520AE	4,4'-DDD	72-54-8	17	17	ug/Kg	U	V
46593	1	7	FT	BH40786AE	4,4'-DDD	72-54-8	16	17	ug/Kg	U	V
46593	7	8	IN	SS40140AE	4,4'-DDD	72-54-8	16	19	ug/Kg	U	J
46693	0	7	FT	BH40792AE	4,4'-DDD	72-54-8	16	19	ug/Kg	U	V
46793	0	6	FT	BH40798AE	4,4'-DDD	72-54-8	16	18	ug/Kg	U	V
46893	0	7	FT	BH40804AE	4,4'-DDD	72-54-8	16	18	ug/Kg	U	V
46993	1	5	FT	BH40810AE	4,4'-DDD	72-54-8	16	17	ug/Kg	U	V
46993	10	16	IN	SS40144AE	4,4'-DDD	72-54-8	16	18	ug/Kg	U	V
47093	1	7	FT	BH40816AE	4,4'-DDD	72-54-8	16	17	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	4,4'-DDD	72-54-8	4	4	ug/Kg	U	
41593	4	3	FT	BH40419AE	4,4'-DDE	72-55-9	21	21	ug/Kg	U	V
42193	0	5	FT	BH40427AE	4,4'-DDE	72-55-9	17	17	ug/Kg	U	V
42293	1	6	FT	BH40253AE	4,4'-DDE	72-55-9	19	19	ug/Kg	U	V
42493	0	5	FT	BH40440AE	4,4'-DDE	72-55-9	17	17	ug/Kg	U	V
43393	0	5	FT	BH40512AE	4,4'-DDE	72-55-9	17	17	ug/Kg	U	V
43493	0	5	FT	BH40319AE	4,4'-DDE	72-55-9	18	18	ug/Kg	U	V
43493	5	10	FT	BH40322AE	4,4'-DDE	72-55-9	18	18	ug/Kg	U	V
43693	0	5	FT	BH40520AE	4,4'-DDE	72-55-9	17	17	ug/Kg	U	V
46593	1	7	FT	BH40786AE	4,4'-DDE	72-55-9	16	17	ug/Kg	U	V
46593	7	8	IN	SS40140AE	4,4'-DDE	72-55-9	16	19	ug/Kg	U	J
46693	0	7	FT	BH40792AE	4,4'-DDE	72-55-9	16	19	ug/Kg	U	V
46793	0	6	FT	BH40798AE	4,4'-DDE	72-55-9	16	18	ug/Kg	U	V
46893	0	7	FT	BH40804AE	4,4'-DDE	72-55-9	16	18	ug/Kg	U	V
46993	1	5	FT	BH40810AE	4,4'-DDE	72-55-9	16	17	ug/Kg	U	V
46993	10	16	IN	SS40144AE	4,4'-DDE	72-55-9	16	18	ug/Kg	U	V
47093	1	7	FT	BH40816AE	4,4'-DDE	72-55-9	16	17	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	4,4'-DDE	72-55-9	4	4	ug/Kg	U	
41593	4	6	FT	BH40419AE	4,4'-DDT	50-29-3	21	21	ug/Kg	U	V
42193	0	5	FT	BH40427AE	4,4'-DDT	50-29-3	17	17	ug/Kg	U	V
42293	1	6	FT	BH40253AE	4,4'-DDT	50-29-3	19	19	ug/Kg	U	V
42493	0	5	FT	BH40440AE	4,4'-DDT	50-29-3	17	17	ug/Kg	U	V
43393	0	5	FT	BH40512AE	4,4'-DDT	50-29-3	17	17	ug/Kg	U	V
43493	0	5	FT	BH40319AE	4,4'-DDT	50-29-3	18	18	ug/Kg	U	V
43493	5	10	FT	BH40322AE	4,4'-DDT	50-29-3	18	18	ug/Kg	U	V
43693	0	5	FT	BH40520AE	4,4'-DDT	50-29-3	17	17	ug/Kg	U	V
46593	1	7	FT	BH40786AE	4,4'-DDT	50-29-3	16	17	ug/Kg	U	V
46593	7	8	IN	SS40140AE	4,4'-DDT	50-29-3	16	19	ug/Kg	U	J
46693	0	7	FT	BH40792AE	4,4'-DDT	50-29-3	16	19	ug/Kg	U	V
46793	0	6	FT	BH40798AE	4,4'-DDT	50-29-3	16	18	ug/Kg	U	V
46893	0	7	FT	BH40804AE	4,4'-DDT	50-29-3	16	18	ug/Kg	U	V
46993	1	5	FT	BH40810AE	4,4'-DDT	50-29-3	16	17	ug/Kg	U	V
46993	10	16	IN	SS40144AE	4,4'-DDT	50-29-3	16	18	ug/Kg	U	V
47093	1	7	FT	BH40816AE	4,4'-DDT	50-29-3	16	17	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	4,4'-DDT	50-29-3	4	4	ug/Kg	U	
41593	4	6	FT	BH40419AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2200	2200	ug/Kg	U	V
42193	0	5	FT	BH40427AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
42293	1	6	FT	BH40253AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	J
42493	0	5	FT	BH40440AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
42493	5	7	IN	SS40083AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
42593	0	5	FT	BH40448AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
43393	0	5	FT	BH40512AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
43493	5	10	FT	BH40322AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
46593	1	7	FT	BH40786AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1700	ug/Kg	U	V
46593	7	8	IN	SS40140AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1900	ug/Kg	U	J
46693	0	7	FT	BH40792AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1800	ug/Kg	U	V
46793	0	6	FT	BH40798AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1800	ug/Kg	U	V
46893	0	7	FT	BH40804AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1800	ug/Kg	U	V
46993	1	5	FT	BH40810AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1700	ug/Kg	U	V
46993	10	16	IN	SS40144AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1900	ug/Kg	U	V
47093	1	7	FT	BH40816AE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1700	ug/Kg	U	V
48195	4	6	FT	BH00103PE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1700	1700	ug/Kg	U	V
48195	0	2	FT	BH00101PE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	V
48195	2	4	FT	BH00102PE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	V
48295	0	2	FT	BH00104PE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1800	1800	ug/Kg	U	V
48295	2	4	FT	BH00105PE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	V
48295	4	6	FT	BH00106PE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2000	2000	ug/Kg	U	V
48395	2	4	FT	BH00108PE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1700	1700	ug/Kg	U	V
48395	4	5	FT	BH00109PE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	V
48395	0	2	FT	BH00107PE	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2000	2000	ug/Kg	U	J/UJ

361

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41593	4	6	FT	BH40419AE	4-CHLORO-3-METHYLPHENOL	59-50-7	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	4-CHLORO-3-METHYLPHENOL	59-50-7	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	4-CHLORO-3-METHYLPHENOL	59-50-7	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	4-CHLORO-3-METHYLPHENOL	59-50-7	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	4-CHLORO-3-METHYLPHENOL	59-50-7	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	4-CHLORO-3-METHYLPHENOL	59-50-7	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	4-CHLORO-3-METHYLPHENOL	59-50-7	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	4-CHLORO-3-METHYLPHENOL	59-50-7	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	4-CHLORO-3-METHYLPHENOL	59-50-7	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	4-CHLORO-3-METHYLPHENOL	59-50-7	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	4-CHLORO-3-METHYLPHENOL	59-50-7	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	4-CHLORO-3-METHYLPHENOL	59-50-7	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	4-CHLORO-3-METHYLPHENOL	59-50-7	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	4-CHLORO-3-METHYLPHENOL	59-50-7	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	4-CHLORO-3-METHYLPHENOL	59-50-7	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	4-CHLORO-3-METHYLPHENOL	59-50-7	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	4-CHLORO-3-METHYLPHENOL	59-50-7	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	4-CHLORO-3-METHYLPHENOL	59-50-7	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	4-CHLORO-3-METHYLPHENOL	59-50-7	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	4-CHLORO-3-METHYLPHENOL	59-50-7	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	4-CHLOROANILINE	106-47-8	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	4-CHLOROANILINE	106-47-8	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	4-CHLOROANILINE	106-47-8	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	4-CHLOROANILINE	106-47-8	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	4-CHLOROANILINE	106-47-8	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	4-CHLOROANILINE	106-47-8	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	4-CHLOROANILINE	106-47-8	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	4-CHLOROANILINE	106-47-8	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	4-CHLOROANILINE	106-47-8	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	4-CHLOROANILINE	106-47-8	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	4-CHLOROANILINE	106-47-8	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	4-CHLOROANILINE	106-47-8	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	4-CHLOROANILINE	106-47-8	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	4-CHLOROANILINE	106-47-8	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	4-CHLOROANILINE	106-47-8	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	4-CHLOROANILINE	106-47-8	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	4-CHLOROANILINE	106-47-8	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	4-CHLOROANILINE	106-47-8	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	4-CHLOROANILINE	106-47-8	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	4-CHLOROANILINE	106-47-8	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	4-CHLOROANILINE	106-47-8	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	4-CHLOROANILINE	106-47-8	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	4-CHLOROANILINE	106-47-8	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	4-CHLOROANILINE	106-47-8	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	4-CHLOROANILINE	106-47-8	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	4-CHLOROANILINE	106-47-8	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	4-CHLOROANILINE	106-47-8	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	810	810	ug/Kg	U	V
05093	1	2	FT	BH00062AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
05093	5	6	FT	BH00063AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
05193	1	1	FT	BH00067AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V

362

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05393	2	2	FT	BH00077AE	4-METHYL-2-PENTANONE	108-10-1	10	10	ug/Kg	U	V
40093	1	2	FT	BH40168AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
40093	4	5	FT	BH40169AE	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
40293	2	2	FT	BH40119AE	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
40393	2	2	FT	BH40124AE	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
40693	1	2	FT	BH40151AE	4-METHYL-2-PENTANONE	108-10-1	13	13	ug/Kg	U	V
40793	5	6	FT	BH40159AE	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
40793	1	2	FT	BH40158AE	4-METHYL-2-PENTANONE	108-10-1	64	64	ug/Kg	U	V
40893	4	5	FT	BH40032AE	4-METHYL-2-PENTANONE	108-10-1	10	11	ug/Kg	U	V
40893	1	1	FT	BH40031AE	4-METHYL-2-PENTANONE	108-10-1	10	58	ug/Kg	U	V
40993	1	2	FT	BH40202AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
40993	5	6	FT	BH40203AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
41193	1	2	FT	BH40050AE	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
41293	1	2	FT	BH40197AE	4-METHYL-2-PENTANONE	108-10-1	56	56	ug/Kg	U	V
41593	5	5	FT	BH40211AE	4-METHYL-2-PENTANONE	108-10-1	10	10	ug/Kg	U	V
41693	2	2	FT	BH40218AE	4-METHYL-2-PENTANONE	108-10-1	10	10	ug/Kg	U	V
41793	2	3	FT	BH40244AE	4-METHYL-2-PENTANONE	108-10-1	10	10	ug/Kg	U	V
41793	5	6	FT	BH40245AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
41993	2	2	FT	BH40063AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
41993	5	5	FT	BH40064AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
42093	1	2	FT	BH40484AE	4-METHYL-2-PENTANONE	108-10-1	57	57	ug/Kg	U	V
42193	1	2	FT	BH40436AE	4-METHYL-2-PENTANONE	108-10-1	24	24	ug/Kg	U	V
42293	4	4	FT	BH40254AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	J
42293	1	1	FT	BH40262AE	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
42493	5	5	FT	BH40284AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
42493	2	3	FT	BH40283AE	4-METHYL-2-PENTANONE	108-10-1	13	13	ug/Kg	U	V
42593	5	6	FT	BH40292AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
42993	1	2	FT	BH40143AE	4-METHYL-2-PENTANONE	108-10-1	10	10	ug/Kg	U	V
42993	5	6	FT	BH40145AE	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
43193	2	2	FT	BH40307AE	4-METHYL-2-PENTANONE	108-10-1	21	21	ug/Kg	U	V
43393	2	2	FT	BH40325AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
43393	5	6	FT	BH40326AE	4-METHYL-2-PENTANONE	108-10-1	13	13	ug/Kg	U	V
43493	2	2	FT	BH40320AE	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
43493	5	6	FT	BH40321AE	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
43693	3	3	FT	BH40341AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
43793	1	1	FT	BH40333AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
43793	5	6	FT	BH40334AE	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
43893	1	1	FT	BH40071AE	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
43993	1	1	FT	BH40354AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
43993	5	5	FT	BH40355AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
44093	1	2	FT	BH40349AE	4-METHYL-2-PENTANONE	108-10-1	23	23	ug/Kg	U	V
44393	5	6	FT	BH40035AE	4-METHYL-2-PENTANONE	108-10-1	25	25	ug/Kg	U	V
44393	1	1	FT	BH40034AE	4-METHYL-2-PENTANONE	108-10-1	57	57	ug/Kg	U	V
44893	2	2	FT	BH40190AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
45693	5	6	FT	BH40376AE	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
45693	1	1	FT	BH40375AE	4-METHYL-2-PENTANONE	108-10-1	13	13	ug/Kg	U	V
45793	5	6	FT	BH40560AE	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
45893	2	2	FT	BH40378AE	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
45893	5	5	FT	BH40379AE	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
46193	0	1	FT	BH40386AE	4-METHYL-2-PENTANONE	108-10-1	60	60	ug/Kg	U	V
46293	2	3	FT	BH40566AE	4-METHYL-2-PENTANONE	108-10-1	13	13	ug/Kg	U	V
46593	2	2	FT	BH40701AE	4-METHYL-2-PENTANONE	108-10-1	10	11	ug/Kg	U	V
46693	1	1	FT	BH40716AE	4-METHYL-2-PENTANONE	108-10-1	10	13	ug/Kg	U	V
46793	1	2	FT	BH40730AE	4-METHYL-2-PENTANONE	108-10-1	10	13	ug/Kg	U	V
46893	1	2	FT	BH40744AE	4-METHYL-2-PENTANONE	108-10-1	10	11	ug/Kg	U	V
46993	3	3	FT	BH40758AE	4-METHYL-2-PENTANONE	108-10-1	10	11	ug/Kg	U	V
48195	0	2	FT	BH00101PE	4-METHYL-2-PENTANONE	108-10-1	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	4-METHYL-2-PENTANONE	108-10-1	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	4-METHYL-2-PENTANONE	108-10-1	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	4-METHYL-2-PENTANONE	108-10-1	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	4-METHYL-2-PENTANONE	108-10-1	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	4-METHYL-2-PENTANONE	108-10-1	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	4-METHYL-2-PENTANONE	108-10-1	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	4-METHYL-2-PENTANONE	108-10-1	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	4-METHYL-2-PENTANONE	108-10-1		50	ug/Kg	U	
41593	4	6	FT	BH40419AE	4-METHYLPHENOL	106-44-5	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	4-METHYLPHENOL	106-44-5	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	4-METHYLPHENOL	106-44-5	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	4-METHYLPHENOL	106-44-5	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	4-METHYLPHENOL	106-44-5	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	4-METHYLPHENOL	106-44-5	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	4-METHYLPHENOL	106-44-5	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	4-METHYLPHENOL	106-44-5	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	4-METHYLPHENOL	106-44-5	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	4-METHYLPHENOL	106-44-5	360	360	ug/Kg	U	V

363

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46593	1	7	FT	BH40786AE	4-METHYLPHENOL	106-44-5	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	4-METHYLPHENOL	106-44-5	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	4-METHYLPHENOL	106-44-5	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	4-METHYLPHENOL	106-44-5	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	4-METHYLPHENOL	106-44-5	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	4-METHYLPHENOL	106-44-5	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	4-METHYLPHENOL	106-44-5	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	4-METHYLPHENOL	106-44-5	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	4-METHYLPHENOL	106-44-5	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	4-METHYLPHENOL	106-44-5	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	4-METHYLPHENOL	106-44-5	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	4-METHYLPHENOL	106-44-5	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	4-METHYLPHENOL	106-44-5	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	4-METHYLPHENOL	106-44-5	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	4-METHYLPHENOL	106-44-5	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	4-METHYLPHENOL	106-44-5	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	4-METHYLPHENOL	106-44-5	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	4-NITROANILINE	100-01-6	2200	2200	ug/Kg	U	V
42193	0	5	FT	BH40427AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
42293	1	6	FT	BH40253AE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	J
42493	0	5	FT	BH40440AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
42493	5	7	IN	SS40083AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
42593	0	5	FT	BH40448AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
43393	0	5	FT	BH40512AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
43493	5	10	FT	BH40322AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	V
46593	1	7	FT	BH40786AE	4-NITROANILINE	100-01-6	1600	1700	ug/Kg	U	V
46593	7	8	IN	SS40140AE	4-NITROANILINE	100-01-6	1600	1900	ug/Kg	U	J
46693	0	7	FT	BH40792AE	4-NITROANILINE	100-01-6	1600	1800	ug/Kg	U	V
46793	0	6	FT	BH40798AE	4-NITROANILINE	100-01-6	1600	1800	ug/Kg	U	V
46893	0	7	FT	BH40804AE	4-NITROANILINE	100-01-6	1600	1800	ug/Kg	U	V
46993	1	5	FT	BH40810AE	4-NITROANILINE	100-01-6	1600	1700	ug/Kg	U	V
46993	10	16	IN	SS40144AE	4-NITROANILINE	100-01-6	1600	1900	ug/Kg	U	V
47093	1	7	FT	BH40816AE	4-NITROANILINE	100-01-6	1600	1700	ug/Kg	U	V
48195	4	6	FT	BH00103PE	4-NITROANILINE	100-01-6	1700	1700	ug/Kg	U	J/UJ
48195	0	2	FT	BH00101PE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	J/UJ
48195	2	4	FT	BH00102PE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	J/UJ
48295	0	2	FT	BH00104PE	4-NITROANILINE	100-01-6	1800	1800	ug/Kg	U	J/UJ
48295	2	4	FT	BH00105PE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	J/UJ
48295	4	6	FT	BH00106PE	4-NITROANILINE	100-01-6	2000	2000	ug/Kg	U	V
48395	2	4	FT	BH00108PE	4-NITROANILINE	100-01-6	1700	1700	ug/Kg	U	V
48395	4	5	FT	BH00109PE	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	V
48395	0	2	FT	BH00107PE	4-NITROANILINE	100-01-6	2000	2000	ug/Kg	U	V
41593	4	6	FT	BH40419AE	4-NITROPHENOL	100-02-7	2200	2200	ug/Kg	U	V
42193	0	5	FT	BH40427AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
42293	1	6	FT	BH40253AE	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	J
42493	0	5	FT	BH40440AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
42493	5	7	IN	SS40083AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
42593	0	5	FT	BH40448AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
43393	0	5	FT	BH40512AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
43493	5	10	FT	BH40322AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	V
46593	1	7	FT	BH40786AE	4-NITROPHENOL	100-02-7	1600	1700	ug/Kg	U	V
46593	7	8	IN	SS40140AE	4-NITROPHENOL	100-02-7	1600	1900	ug/Kg	U	J
46693	0	7	FT	BH40792AE	4-NITROPHENOL	100-02-7	1600	1800	ug/Kg	U	V
46793	0	6	FT	BH40798AE	4-NITROPHENOL	100-02-7	1600	1800	ug/Kg	U	V
46893	0	7	FT	BH40804AE	4-NITROPHENOL	100-02-7	1600	1800	ug/Kg	U	V
46993	1	5	FT	BH40810AE	4-NITROPHENOL	100-02-7	1600	1700	ug/Kg	U	V
46993	10	16	IN	SS40144AE	4-NITROPHENOL	100-02-7	1600	1900	ug/Kg	U	V
47093	1	7	FT	BH40816AE	4-NITROPHENOL	100-02-7	1600	1700	ug/Kg	U	V
48195	4	6	FT	BH00103PE	4-NITROPHENOL	100-02-7	1700	1700	ug/Kg	U	J/UJ
48195	0	2	FT	BH00101PE	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	J/UJ
48195	2	4	FT	BH00102PE	4-NITROPHENOL	100-02-7	2000	2000	ug/Kg	U	J/UJ
48295	0	2	FT	BH00104PE	4-NITROPHENOL	100-02-7	1800	1800	ug/Kg	U	J/UJ
48295	2	4	FT	BH00105PE	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	J/UJ
48295	4	6	FT	BH00106PE	4-NITROPHENOL	100-02-7	2000	2000	ug/Kg	U	V
48395	2	4	FT	BH00108PE	4-NITROPHENOL	100-02-7	1700	1700	ug/Kg	U	V
48395	4	5	FT	BH00109PE	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	V
48395	0	2	FT	BH00107PE	4-NITROPHENOL	100-02-7	2000	2000	ug/Kg	U	V
48195	4	6	FT	BH00103PE	ACENAPHTHENE	83-32-9	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	ACENAPHTHENE	83-32-9	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	ACENAPHTHENE	83-32-9	790	790	ug/Kg	U	V
48295	2	4	FT	BH00105PE	ACENAPHTHENE	83-32-9	770	40	ug/Kg	J	V
48295	0	2	FT	BH00104PE	ACENAPHTHENE	83-32-9	740	740	ug/Kg	U	V
48295	4	6	FT	BH00106PE	ACENAPHTHENE	83-32-9	790	790	ug/Kg	U	V
48395	0	2	FT	BH00107PE	ACENAPHTHENE	83-32-9	810	25	ug/Kg	J	V
48395	2	4	FT	BH00108PE	ACENAPHTHENE	83-32-9	660	57	ug/Kg	J	V
48395	4	5	FT	BH00109PE	ACENAPHTHENE	83-32-9	750	750	ug/Kg	U	V
41593	4	6	FT	BH40419AE	ACENAPHTHYLENE	208-96-8	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	ACENAPHTHYLENE	208-96-8	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	ACENAPHTHYLENE	208-96-8	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	ACENAPHTHYLENE	208-96-8	350	350	ug/Kg	U	V

364

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42493	0	5	FT	BH40440AE	ACENAPHTHYLENE	208-96-8	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	ACENAPHTHYLENE	208-96-8	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	ACENAPHTHYLENE	208-96-8	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	ACENAPHTHYLENE	208-96-8	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	ACENAPHTHYLENE	208-96-8	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	ACENAPHTHYLENE	208-96-8	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	ACENAPHTHYLENE	208-96-8	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	ACENAPHTHYLENE	208-96-8	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	ACENAPHTHYLENE	208-96-8	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	ACENAPHTHYLENE	208-96-8	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	ACENAPHTHYLENE	208-96-8	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	ACENAPHTHYLENE	208-96-8	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	ACENAPHTHYLENE	208-96-8	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	ACENAPHTHYLENE	208-96-8	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	ACENAPHTHYLENE	208-96-8	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	ACENAPHTHYLENE	208-96-8	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	ACENAPHTHYLENE	208-96-8	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	ACENAPHTHYLENE	208-96-8	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	ACENAPHTHYLENE	208-96-8	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	ACENAPHTHYLENE	208-96-8	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	ACENAPHTHYLENE	208-96-8	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	ACENAPHTHYLENE	208-96-8	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	ACENAPHTHYLENE	208-96-8	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	ACENAPTHENE	83-32-9	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	ACENAPTHENE	83-32-9	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	ACENAPTHENE	83-32-9	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	ACENAPTHENE	83-32-9	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	ACENAPTHENE	83-32-9	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	ACENAPTHENE	83-32-9	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	ACENAPTHENE	83-32-9	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	ACENAPTHENE	83-32-9	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	ACENAPTHENE	83-32-9	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	ACENAPTHENE	83-32-9	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	ACENAPTHENE	83-32-9	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	ACENAPTHENE	83-32-9	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	ACENAPTHENE	83-32-9	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	ACENAPTHENE	83-32-9	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	ACENAPTHENE	83-32-9	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	ACENAPTHENE	83-32-9	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	ACENAPTHENE	83-32-9	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	ACENAPTHENE	83-32-9	330	350	ug/Kg	U	V
40093	1	2	FT	BH40168AE	ACETONE	67-64-1	11	11	ug/Kg	U	V
40093	4	5	FT	BH40169AE	ACETONE	67-64-1	12	12	ug/Kg	U	V
40393	2	2	FT	BH40124AE	ACETONE	67-64-1	12	12	ug/Kg	U	V
40693	1	2	FT	BH40151AE	ACETONE	67-64-1	13	13	ug/Kg	U	J
40793	5	6	FT	BH40159AE	ACETONE	67-64-1	12	12	ug/Kg	U	J
40793	1	2	FT	BH40158AE	ACETONE	67-64-1	64	64	ug/Kg	U	V
40893	4	5	FT	BH40032AE	ACETONE	67-64-1	10	21	ug/Kg	U	J
40893	1	1	FT	BH40031AE	ACETONE	67-64-1	10	220	ug/Kg	U	J
40993	5	6	FT	BH40203AE	ACETONE	67-64-1	11	13	ug/Kg		V
40993	1	2	FT	BH40202AE	ACETONE	67-64-1	11	15	ug/Kg		V
41193	1	2	FT	BH40050AE	ACETONE	67-64-1	12	12	ug/Kg	U	V
41293	1	2	FT	BH40197AE	ACETONE	67-64-1	56	56	ug/Kg	U	J
41593	5	5	FT	BH40211AE	ACETONE	67-64-1	10	16	ug/Kg		J
41693	2	2	FT	BH40218AE	ACETONE	67-64-1	10	18	ug/Kg	U	J
41793	2	3	FT	BH40244AE	ACETONE	67-64-1	10	10	ug/Kg	U	J
41793	5	6	FT	BH40245AE	ACETONE	67-64-1	11	11	ug/Kg	U	J
41993	2	2	FT	BH40063AE	ACETONE	67-64-1	11	11	ug/Kg	U	V
41993	5	5	FT	BH40064AE	ACETONE	67-64-1	11	11	ug/Kg	U	V
42093	1	2	FT	BH40484AE	ACETONE	67-64-1	57	52	ug/Kg	J	A
42193	1	2	FT	BH40436AE	ACETONE	67-64-1	24	24	ug/Kg	U	V
42293	4	4	FT	BH40254AE	ACETONE	67-64-1	11	17	ug/Kg		J
42493	5	5	FT	BH40284AE	ACETONE	67-64-1	11	24	ug/Kg	U	J
42493	2	3	FT	BH40283AE	ACETONE	67-64-1	13	50	ug/Kg	U	J
42593	5	6	FT	BH40292AE	ACETONE	67-64-1	11	140	ug/Kg	B	V
42993	5	6	FT	BH40145AE	ACETONE	67-64-1	12	12	ug/Kg	U	V
43193	2	2	FT	BH40307AE	ACETONE	67-64-1	21	25	ug/Kg	U	J
43393	5	6	FT	BH40326AE	ACETONE	67-64-1	13	13	ug/Kg	U	V
43393	2	2	FT	BH40325AE	ACETONE	67-64-1	11	15	ug/Kg	U	J
43493	2	2	FT	BH40320AE	ACETONE	67-64-1	12	12	ug/Kg	U	V
43493	5	6	FT	BH40321AE	ACETONE	67-64-1	12	110	ug/Kg		V
43693	3	3	FT	BH40341AE	ACETONE	67-64-1	11	22	ug/Kg	U	J
43793	1	1	FT	BH40333AE	ACETONE	67-64-1	11	11	ug/Kg	U	J
43793	5	6	FT	BH40334AE	ACETONE	67-64-1	12	17	ug/Kg	U	J
43893	1	1	FT	BH40071AE	ACETONE	67-64-1	12	23	ug/Kg	U	J
43993	5	5	FT	BH40355AE	ACETONE	67-64-1	11	14	ug/Kg		V
43993	1	1	FT	BH40354AE	ACETONE	67-64-1	11	72	ug/Kg		V
44093	1	2	FT	BH40349AE	ACETONE	67-64-1	23	15	ug/Kg	J	A
44393	5	6	FT	BH40035AE	ACETONE	67-64-1	25	25	ug/Kg	U	V
44393	1	1	FT	BH40034AE	ACETONE	67-64-1	57	57	ug/Kg	U	V
45693	5	6	FT	BH40376AE	ACETONE	67-64-1	12	12	ug/Kg	U	V
45693	1	1	FT	BH40375AE	ACETONE	67-64-1	13	13	ug/Kg	U	V
45793	5	6	FT	BH40560AE	ACETONE	67-64-1	11	22	ug/Kg	U	J
45893	2	2	FT	BH40378AE	ACETONE	67-64-1	12	17	ug/Kg	U	J

365

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
5893	5	5	FT	BH40379AE	ACETONE	67-64-1	12	60	ug/Kg	B	V
46193	0	1	FT	BH40386AE	ACETONE	67-64-1	60	60	ug/Kg	U	V
46293	2	3	FT	BH40566AE	ACETONE	67-64-1	13	21	ug/Kg		V
46693	1	1	FT	BH40716AE	ACETONE	67-64-1	10	65	ug/Kg		J
46893	1	2	FT	BH40744AE	ACETONE	67-64-1	10	37	ug/Kg		J
48195	2	4	FT	BH00102PE	ACETONE	67-64-1	10	1	ug/Kg	J	J/UJ
48195	4	6	FT	BH00103PE	ACETONE	67-64-1	10	3	ug/Kg	J	J/UJ
48195	0	2	FT	BH00101PE	ACETONE	67-64-1	10	10	ug/Kg	U	J/UJ
48295	0	2	FT	BH00104PE	ACETONE	67-64-1	10	1	ug/Kg	J	J/UJ
48295	4	6	FT	BH00106PE	ACETONE	67-64-1	10	2	ug/Kg	J	V
48295	2	4	FT	BH00105PE	ACETONE	67-64-1	10	3	ug/Kg	J	J/UJ
48395	4	5	FT	BH00109PE	ACETONE	67-64-1	10	7	ug/Kg	J	V
48395	0	2	FT	BH00107PE	ACETONE	67-64-1	10	14	ug/Kg		V
P208989	5	7	FT	SEP1789BR0406	ACETONE	67-64-1	12	6	ug/Kg	J	A
P209189	0	1	FT	SEP1989BR0002	ACETONE	67-64-1	12	22	ug/Kg	B	A
P209189	4	6	FT	SEP1989BR0406	ACETONE	67-64-1	12	30	ug/Kg	B	A
P209489	0	1	FT	SEP2289BR0002	ACETONE	67-64-1	11	2	ug/Kg	J	A
P209889	0	2	FT	SEP2689BR0002	ACETONE	67-64-1	12	12	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	ACETONE	67-64-1	12	12	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	ACETONE	67-64-1	1300	640	ug/Kg	JB	A
P210189	5	7	FT	SEP3089BR0406	ACETONE	67-64-1	1400	800	ug/Kg	JB	A
P210289	0	2	FT	SEP3189BR0002	ACETONE	67-64-1	12	4	ug/Kg	J	A
P210289	4	5	FT	SEP3189BR0406	ACETONE	67-64-1	12	12	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	ACETONE	67-64-1		50	ug/Kg	U	
41593	4	6	FT	BH40419AE	ALDRIN	309-00-2	11	11	ug/Kg	U	V
42193	0	5	FT	BH40427AE	ALDRIN	309-00-2	8.7	8.7	ug/Kg	U	V
42293	1	6	FT	BH40253AE	ALDRIN	309-00-2	9.3	9.3	ug/Kg	U	V
42493	0	5	FT	BH40440AE	ALDRIN	309-00-2	8.6	8.6	ug/Kg	U	V
43393	0	5	FT	BH40512AE	ALDRIN	309-00-2	8.6	8.6	ug/Kg	U	V
43493	5	10	FT	BH40322AE	ALDRIN	309-00-2	8.9	8.9	ug/Kg	U	V
43493	0	5	FT	BH40319AE	ALDRIN	309-00-2	9.2	9.2	ug/Kg	U	V
43693	0	5	FT	BH40520AE	ALDRIN	309-00-2	8.6	8.6	ug/Kg	U	V
46593	1	7	FT	BH40786AE	ALDRIN	309-00-2	8	8.7	ug/Kg	U	V
46593	7	8	IN	SS40140AE	ALDRIN	309-00-2	8	9.3	ug/Kg	U	J
46693	0	7	FT	BH40792AE	ALDRIN	309-00-2	8	9.4	ug/Kg	U	V
46793	0	6	FT	BH40798AE	ALDRIN	309-00-2	8	9.1	ug/Kg	U	V
46893	0	7	FT	BH40804AE	ALDRIN	309-00-2	8	9	ug/Kg	U	V
46993	1	5	FT	BH40810AE	ALDRIN	309-00-2	8	8.6	ug/Kg	U	V
46993	10	16	IN	SS40144AE	ALDRIN	309-00-2	8	9.2	ug/Kg	U	V
47093	1	7	FT	BH40816AE	ALDRIN	309-00-2	8	8.6	ug/Kg	U	V
0387	2	4	FT	SP038702DH	ALDRIN	309-00-2	2	2	ug/Kg	U	
593	4	6	FT	BH40419AE	ALPHA-BHC	319-84-6	11	11	ug/Kg	U	V
42193	0	5	FT	BH40427AE	ALPHA-BHC	319-84-6	8.7	8.7	ug/Kg	U	V
42293	1	6	FT	BH40253AE	ALPHA-BHC	319-84-6	9.3	9.3	ug/Kg	U	V
42493	0	5	FT	BH40440AE	ALPHA-BHC	319-84-6	8.6	8.6	ug/Kg	U	V
43393	0	5	FT	BH40512AE	ALPHA-BHC	319-84-6	8.6	8.6	ug/Kg	U	V
43493	5	10	FT	BH40322AE	ALPHA-BHC	319-84-6	8.9	8.9	ug/Kg	U	V
43493	0	5	FT	BH40319AE	ALPHA-BHC	319-84-6	9.2	9.2	ug/Kg	U	V
43693	0	5	FT	BH40520AE	ALPHA-BHC	319-84-6	8.6	8.6	ug/Kg	U	V
46593	1	7	FT	BH40786AE	ALPHA-BHC	319-84-6	8	8.7	ug/Kg	U	V
46593	7	8	IN	SS40140AE	ALPHA-BHC	319-84-6	8	9.3	ug/Kg	U	J
46693	0	7	FT	BH40792AE	ALPHA-BHC	319-84-6	8	9.4	ug/Kg	U	V
46793	0	6	FT	BH40798AE	ALPHA-BHC	319-84-6	8	9.1	ug/Kg	U	V
46893	0	7	FT	BH40804AE	ALPHA-BHC	319-84-6	8	9	ug/Kg	U	V
46993	1	5	FT	BH40810AE	ALPHA-BHC	319-84-6	8	8.6	ug/Kg	U	V
46993	10	16	IN	SS40144AE	ALPHA-BHC	319-84-6	8	9.2	ug/Kg	U	V
47093	1	7	FT	BH40816AE	ALPHA-BHC	319-84-6	8	8.6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	ALPHA-BHC	319-84-6	2	2	ug/Kg	U	
41593	4	6	FT	BH40419AE	ALPHA-CHLORDANE	5103-71-9	110	110	ug/Kg	U	V
42193	0	5	FT	BH40427AE	ALPHA-CHLORDANE	5103-71-9	87	87	ug/Kg	U	V
42293	1	6	FT	BH40253AE	ALPHA-CHLORDANE	5103-71-9	93	93	ug/Kg	U	V
42493	0	5	FT	BH40440AE	ALPHA-CHLORDANE	5103-71-9	86	86	ug/Kg	U	V
43393	0	5	FT	BH40512AE	ALPHA-CHLORDANE	5103-71-9	86	86	ug/Kg	U	V
43493	5	10	FT	BH40322AE	ALPHA-CHLORDANE	5103-71-9	89	89	ug/Kg	U	V
43493	0	5	FT	BH40319AE	ALPHA-CHLORDANE	5103-71-9	92	92	ug/Kg	U	V
43693	0	5	FT	BH40520AE	ALPHA-CHLORDANE	5103-71-9	86	86	ug/Kg	U	V
46593	1	7	FT	BH40786AE	ALPHA-CHLORDANE	5103-71-9	80	87	ug/Kg	U	V
46593	7	8	IN	SS40140AE	ALPHA-CHLORDANE	5103-71-9	80	93	ug/Kg	U	J
46693	0	7	FT	BH40792AE	ALPHA-CHLORDANE	5103-71-9	80	94	ug/Kg	U	V
46793	0	6	FT	BH40798AE	ALPHA-CHLORDANE	5103-71-9	80	91	ug/Kg	U	V
46893	0	7	FT	BH40804AE	ALPHA-CHLORDANE	5103-71-9	80	90	ug/Kg	U	V
46993	1	5	FT	BH40810AE	ALPHA-CHLORDANE	5103-71-9	80	86	ug/Kg	U	V
46993	10	16	IN	SS40144AE	ALPHA-CHLORDANE	5103-71-9	80	92	ug/Kg	U	V
47093	1	7	FT	BH40816AE	ALPHA-CHLORDANE	5103-71-9	80	86	ug/Kg	U	V
41593	4	6	FT	BH40419AE	ANTHRACENE	120-12-7	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	ANTHRACENE	120-12-7	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	ANTHRACENE	120-12-7	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	ANTHRACENE	120-12-7	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	ANTHRACENE	120-12-7	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	ANTHRACENE	120-12-7	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	ANTHRACENE	120-12-7	360	360	ug/Kg	U	V
93	5	10	FT	BH40322AE	ANTHRACENE	120-12-7	370	370	ug/Kg	U	Z
93	0	5	FT	BH40319AE	ANTHRACENE	120-12-7	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	ANTHRACENE	120-12-7	360	360	ug/Kg	U	V

366

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46593	1	7	FT	BH40786AE	ANTHRACENE	120-12-7	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	ANTHRACENE	120-12-7	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	ANTHRACENE	120-12-7	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	ANTHRACENE	120-12-7	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	ANTHRACENE	120-12-7	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	ANTHRACENE	120-12-7	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	ANTHRACENE	120-12-7	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	ANTHRACENE	120-12-7	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	ANTHRACENE	120-12-7	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	ANTHRACENE	120-12-7	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	ANTHRACENE	120-12-7	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	ANTHRACENE	120-12-7	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	ANTHRACENE	120-12-7	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	ANTHRACENE	120-12-7	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	ANTHRACENE	120-12-7	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	ANTHRACENE	120-12-7	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	ANTHRACENE	120-12-7	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	AROCLOR-1016	12674-11-2	110	110	ug/Kg	U	V
42193	0	5	FT	BH40427AE	AROCLOR-1016	12674-11-2	87	87	ug/Kg	U	V
42293	1	6	FT	BH40253AE	AROCLOR-1016	12674-11-2	93	93	ug/Kg	U	V
42493	0	5	FT	BH40440AE	AROCLOR-1016	12674-11-2	86	86	ug/Kg	U	V
43393	0	5	FT	BH40512AE	AROCLOR-1016	12674-11-2	86	86	ug/Kg	U	V
43493	5	10	FT	BH40322AE	AROCLOR-1016	12674-11-2	89	89	ug/Kg	U	V
43493	0	5	FT	BH40319AE	AROCLOR-1016	12674-11-2	92	92	ug/Kg	U	V
43693	0	5	FT	BH40520AE	AROCLOR-1016	12674-11-2	86	86	ug/Kg	U	V
46593	1	7	FT	BH40786AE	AROCLOR-1016	12674-11-2	80	87	ug/Kg	U	V
46593	7	8	IN	SS40140AE	AROCLOR-1016	12674-11-2	80	93	ug/Kg	U	J
46693	0	7	FT	BH40792AE	AROCLOR-1016	12674-11-2	80	94	ug/Kg	U	V
46793	0	6	FT	BH40798AE	AROCLOR-1016	12674-11-2	80	91	ug/Kg	U	V
46893	0	7	FT	BH40804AE	AROCLOR-1016	12674-11-2	80	90	ug/Kg	U	V
46993	1	5	FT	BH40810AE	AROCLOR-1016	12674-11-2	80	86	ug/Kg	U	V
46993	10	16	IN	SS40144AE	AROCLOR-1016	12674-11-2	80	92	ug/Kg	U	V
47093	1	7	FT	BH40816AE	AROCLOR-1016	12674-11-2	80	86	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	AROCLOR-1016	12674-11-2	20	20	ug/Kg	U	
41593	4	6	FT	BH40419AE	AROCLOR-1221	11104-28-2	110	110	ug/Kg	U	V
42193	0	5	FT	BH40427AE	AROCLOR-1221	11104-28-2	87	87	ug/Kg	U	V
42293	1	6	FT	BH40253AE	AROCLOR-1221	11104-28-2	93	93	ug/Kg	U	V
42493	0	5	FT	BH40440AE	AROCLOR-1221	11104-28-2	86	86	ug/Kg	U	V
43393	0	5	FT	BH40512AE	AROCLOR-1221	11104-28-2	86	86	ug/Kg	U	V
43493	5	10	FT	BH40322AE	AROCLOR-1221	11104-28-2	89	89	ug/Kg	U	V
43493	0	5	FT	BH40319AE	AROCLOR-1221	11104-28-2	92	92	ug/Kg	U	V
43693	0	5	FT	BH40520AE	AROCLOR-1221	11104-28-2	86	86	ug/Kg	U	V
46593	1	7	FT	BH40786AE	AROCLOR-1221	11104-28-2	80	87	ug/Kg	U	V
46593	7	8	IN	SS40140AE	AROCLOR-1221	11104-28-2	80	93	ug/Kg	U	J
46693	0	7	FT	BH40792AE	AROCLOR-1221	11104-28-2	80	94	ug/Kg	U	V
46793	0	6	FT	BH40798AE	AROCLOR-1221	11104-28-2	80	91	ug/Kg	U	V
46893	0	7	FT	BH40804AE	AROCLOR-1221	11104-28-2	80	90	ug/Kg	U	V
46993	1	5	FT	BH40810AE	AROCLOR-1221	11104-28-2	80	86	ug/Kg	U	V
46993	10	16	IN	SS40144AE	AROCLOR-1221	11104-28-2	80	92	ug/Kg	U	V
47093	1	7	FT	BH40816AE	AROCLOR-1221	11104-28-2	80	86	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	AROCLOR-1221	11104-28-2	20	20	ug/Kg	U	
41593	4	6	FT	BH40419AE	AROCLOR-1232	11141-16-5	110	110	ug/Kg	U	V
42193	0	5	FT	BH40427AE	AROCLOR-1232	11141-16-5	87	87	ug/Kg	U	V
42293	1	6	FT	BH40253AE	AROCLOR-1232	11141-16-5	93	93	ug/Kg	U	V
42493	0	5	FT	BH40440AE	AROCLOR-1232	11141-16-5	86	86	ug/Kg	U	V
43393	0	5	FT	BH40512AE	AROCLOR-1232	11141-16-5	86	86	ug/Kg	U	V
43493	5	10	FT	BH40322AE	AROCLOR-1232	11141-16-5	89	89	ug/Kg	U	V
43493	0	5	FT	BH40319AE	AROCLOR-1232	11141-16-5	92	92	ug/Kg	U	V
43693	0	5	FT	BH40520AE	AROCLOR-1232	11141-16-5	86	86	ug/Kg	U	V
46593	1	7	FT	BH40786AE	AROCLOR-1232	11141-16-5	80	87	ug/Kg	U	V
46593	7	8	IN	SS40140AE	AROCLOR-1232	11141-16-5	80	93	ug/Kg	U	J
46693	0	7	FT	BH40792AE	AROCLOR-1232	11141-16-5	80	94	ug/Kg	U	V
46793	0	6	FT	BH40798AE	AROCLOR-1232	11141-16-5	80	91	ug/Kg	U	V
46893	0	7	FT	BH40804AE	AROCLOR-1232	11141-16-5	80	90	ug/Kg	U	V
46993	1	5	FT	BH40810AE	AROCLOR-1232	11141-16-5	80	86	ug/Kg	U	V
46993	10	16	IN	SS40144AE	AROCLOR-1232	11141-16-5	80	92	ug/Kg	U	V
47093	1	7	FT	BH40816AE	AROCLOR-1232	11141-16-5	80	86	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	AROCLOR-1232	11141-16-5	20	20	ug/Kg	U	
41593	4	6	FT	BH40419AE	AROCLOR-1242	53469-21-9	110	110	ug/Kg	U	V
42193	0	5	FT	BH40427AE	AROCLOR-1242	53469-21-9	87	87	ug/Kg	U	V
42293	1	6	FT	BH40253AE	AROCLOR-1242	53469-21-9	93	93	ug/Kg	U	V
42493	0	5	FT	BH40440AE	AROCLOR-1242	53469-21-9	86	86	ug/Kg	U	V
43393	0	5	FT	BH40512AE	AROCLOR-1242	53469-21-9	86	86	ug/Kg	U	V
43493	5	10	FT	BH40322AE	AROCLOR-1242	53469-21-9	89	89	ug/Kg	U	V
43493	0	5	FT	BH40319AE	AROCLOR-1242	53469-21-9	92	92	ug/Kg	U	V
43693	0	5	FT	BH40520AE	AROCLOR-1242	53469-21-9	86	86	ug/Kg	U	V
46593	1	7	FT	BH40786AE	AROCLOR-1242	53469-21-9	80	87	ug/Kg	U	V
46593	7	8	IN	SS40140AE	AROCLOR-1242	53469-21-9	80	93	ug/Kg	U	J
46693	0	7	FT	BH40792AE	AROCLOR-1242	53469-21-9	80	94	ug/Kg	U	V
46793	0	6	FT	BH40798AE	AROCLOR-1242	53469-21-9	80	91	ug/Kg	U	V
46893	0	7	FT	BH40804AE	AROCLOR-1242	53469-21-9	80	90	ug/Kg	U	V
46993	1	5	FT	BH40810AE	AROCLOR-1242	53469-21-9	80	86	ug/Kg	U	V
46993	10	16	IN	SS40144AE	AROCLOR-1242	53469-21-9	80	92	ug/Kg	U	V
47093	1	7	FT	BH40816AE	AROCLOR-1242	53469-21-9	80	86	ug/Kg	U	V

367

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43193	2	2	FT	BH40307AE	BENZENE	71-43-2	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	BENZENE	71-43-2	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	BENZENE	71-43-2	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	BENZENE	71-43-2	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	BENZENE	71-43-2	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	BENZENE	71-43-2	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	BENZENE	71-43-2	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	BENZENE	71-43-2	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	BENZENE	71-43-2	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	BENZENE	71-43-2	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	BENZENE	71-43-2	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	BENZENE	71-43-2	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	BENZENE	71-43-2	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	BENZENE	71-43-2	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	BENZENE	71-43-2	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	BENZENE	71-43-2	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	BENZENE	71-43-2	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	BENZENE	71-43-2	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	BENZENE	71-43-2	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	BENZENE	71-43-2	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	BENZENE	71-43-2	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	BENZENE	71-43-2	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	BENZENE	71-43-2	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	BENZENE	71-43-2	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	BENZENE	71-43-2	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	BENZENE	71-43-2	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	BENZENE	71-43-2	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	BENZENE	71-43-2	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	BENZENE	71-43-2	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	BENZENE	71-43-2	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	BENZENE	71-43-2	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	BENZENE	71-43-2	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	BENZENE	71-43-2	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	BENZENE	71-43-2	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	BENZENE	71-43-2	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	BENZENE	71-43-2	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	BENZENE	71-43-2	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	BENZENE	71-43-2	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	BENZENE	71-43-2	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	BENZENE	71-43-2	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	BENZENE	71-43-2	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	BENZENE	71-43-2	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	BENZENE	71-43-2	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	BENZENE	71-43-2	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	BENZENE	71-43-2	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	BENZENE	71-43-2	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	BENZENE	71-43-2		25	ug/Kg	U	
41593	4	6	FT	BH40419AE	BENZO(A)ANTHRACENE	56-55-3	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	BENZO(A)ANTHRACENE	56-55-3	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	BENZO(A)ANTHRACENE	56-55-3	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	BENZO(A)ANTHRACENE	56-55-3	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	BENZO(A)ANTHRACENE	56-55-3	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	BENZO(A)ANTHRACENE	56-55-3	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	BENZO(A)ANTHRACENE	56-55-3	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	BENZO(A)ANTHRACENE	56-55-3	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	BENZO(A)ANTHRACENE	56-55-3	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	BENZO(A)ANTHRACENE	56-55-3	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	BENZO(A)ANTHRACENE	56-55-3	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	BENZO(A)ANTHRACENE	56-55-3	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	BENZO(A)ANTHRACENE	56-55-3	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	BENZO(A)ANTHRACENE	56-55-3	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	BENZO(A)ANTHRACENE	56-55-3	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	BENZO(A)ANTHRACENE	56-55-3	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	BENZO(A)ANTHRACENE	56-55-3	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	BENZO(A)ANTHRACENE	56-55-3	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	BENZO(a)ANTHRACENE	56-55-3	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	BENZO(a)ANTHRACENE	56-55-3	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	BENZO(a)ANTHRACENE	56-55-3	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	BENZO(a)ANTHRACENE	56-55-3	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	BENZO(a)ANTHRACENE	56-55-3	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	BENZO(a)ANTHRACENE	56-55-3	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	BENZO(a)ANTHRACENE	56-55-3	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	BENZO(a)ANTHRACENE	56-55-3	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	BENZO(a)ANTHRACENE	56-55-3	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	BENZO(A)PYRENE	50-32-8	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	BENZO(A)PYRENE	50-32-8	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	BENZO(A)PYRENE	50-32-8	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	BENZO(A)PYRENE	50-32-8	350	350	ug/Kg	U	V
42593	0	5	FT	BH40448AE	BENZO(A)PYRENE	50-32-8	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	BENZO(A)PYRENE	50-32-8	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	BENZO(A)PYRENE	50-32-8	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	BENZO(A)PYRENE	50-32-8	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	BENZO(A)PYRENE	50-32-8	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	BENZO(A)PYRENE	50-32-8	330	360	ug/Kg	U	V

368

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46593	7	8	IN	SS40140AE	BENZO(A)PYRENE	50-32-8	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	BENZO(A)PYRENE	50-32-8	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	BENZO(A)PYRENE	50-32-8	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	BENZO(A)PYRENE	50-32-8	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	BENZO(A)PYRENE	50-32-8	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	BENZO(A)PYRENE	50-32-8	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	BENZO(A)PYRENE	50-32-8	330	350	ug/Kg	U	V
48195	0	2	FT	BH00101PE	BENZO(a)PYRENE	50-32-8	760	34	ug/Kg	J	V
48195	4	6	FT	BH00103PE	BENZO(a)PYRENE	50-32-8	660	660	ug/Kg	U	V
48195	2	4	FT	BH00102PE	BENZO(a)PYRENE	50-32-8	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	BENZO(a)PYRENE	50-32-8	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	BENZO(a)PYRENE	50-32-8	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	BENZO(a)PYRENE	50-32-8	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	BENZO(a)PYRENE	50-32-8	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	BENZO(a)PYRENE	50-32-8	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	BENZO(a)PYRENE	50-32-8	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	BENZO(B)FLUORANTHENE	205-99-2	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	BENZO(B)FLUORANTHENE	205-99-2	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	BENZO(B)FLUORANTHENE	205-99-2	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	BENZO(B)FLUORANTHENE	205-99-2	350	350	ug/Kg	U	V
42593	0	5	FT	BH40448AE	BENZO(B)FLUORANTHENE	205-99-2	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	BENZO(B)FLUORANTHENE	205-99-2	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	BENZO(B)FLUORANTHENE	205-99-2	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	BENZO(B)FLUORANTHENE	205-99-2	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	BENZO(B)FLUORANTHENE	205-99-2	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	BENZO(B)FLUORANTHENE	205-99-2	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	BENZO(B)FLUORANTHENE	205-99-2	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	BENZO(B)FLUORANTHENE	205-99-2	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	BENZO(B)FLUORANTHENE	205-99-2	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	BENZO(B)FLUORANTHENE	205-99-2	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	BENZO(B)FLUORANTHENE	205-99-2	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	BENZO(B)FLUORANTHENE	205-99-2	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	BENZO(B)FLUORANTHENE	205-99-2	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	BENZO(b)FLUORANTHENE	205-99-2	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	BENZO(b)FLUORANTHENE	205-99-2	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	BENZO(b)FLUORANTHENE	205-99-2	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	BENZO(b)FLUORANTHENE	205-99-2	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	BENZO(b)FLUORANTHENE	205-99-2	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	BENZO(b)FLUORANTHENE	205-99-2	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	BENZO(b)FLUORANTHENE	205-99-2	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	BENZO(b)FLUORANTHENE	205-99-2	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	BENZO(b)FLUORANTHENE	205-99-2	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	BENZO(GHI)PERYLENE	191-24-2	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	BENZO(GHI)PERYLENE	191-24-2	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	BENZO(GHI)PERYLENE	191-24-2	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	BENZO(GHI)PERYLENE	191-24-2	350	350	ug/Kg	U	V
42593	0	5	FT	BH40448AE	BENZO(GHI)PERYLENE	191-24-2	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	BENZO(GHI)PERYLENE	191-24-2	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	BENZO(GHI)PERYLENE	191-24-2	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	BENZO(GHI)PERYLENE	191-24-2	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	BENZO(GHI)PERYLENE	191-24-2	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	BENZO(GHI)PERYLENE	191-24-2	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	BENZO(GHI)PERYLENE	191-24-2	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	BENZO(GHI)PERYLENE	191-24-2	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	BENZO(GHI)PERYLENE	191-24-2	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	BENZO(GHI)PERYLENE	191-24-2	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	BENZO(GHI)PERYLENE	191-24-2	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	BENZO(GHI)PERYLENE	191-24-2	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	BENZO(GHI)PERYLENE	191-24-2	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	BENZO(ghi)PERYLENE	191-24-2	660	660	ug/Kg	U	J/UJ
48195	0	2	FT	BH00101PE	BENZO(ghi)PERYLENE	191-24-2	760	760	ug/Kg	U	J/UJ
48195	2	4	FT	BH00102PE	BENZO(ghi)PERYLENE	191-24-2	790	790	ug/Kg	U	J/UJ
48295	0	2	FT	BH00104PE	BENZO(ghi)PERYLENE	191-24-2	740	740	ug/Kg	U	J/UJ
48295	2	4	FT	BH00105PE	BENZO(ghi)PERYLENE	191-24-2	770	770	ug/Kg	U	J/UJ
48295	4	6	FT	BH00106PE	BENZO(ghi)PERYLENE	191-24-2	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	BENZO(ghi)PERYLENE	191-24-2	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	BENZO(ghi)PERYLENE	191-24-2	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	BENZO(ghi)PERYLENE	191-24-2	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	BENZO(K)FLUORANTHENE	207-08-9	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	BENZO(K)FLUORANTHENE	207-08-9	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	BENZO(K)FLUORANTHENE	207-08-9	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	BENZO(K)FLUORANTHENE	207-08-9	350	350	ug/Kg	U	V
42593	0	5	FT	BH40448AE	BENZO(K)FLUORANTHENE	207-08-9	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	BENZO(K)FLUORANTHENE	207-08-9	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	BENZO(K)FLUORANTHENE	207-08-9	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	BENZO(K)FLUORANTHENE	207-08-9	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	BENZO(K)FLUORANTHENE	207-08-9	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	BENZO(K)FLUORANTHENE	207-08-9	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	BENZO(K)FLUORANTHENE	207-08-9	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	BENZO(K)FLUORANTHENE	207-08-9	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	BENZO(K)FLUORANTHENE	207-08-9	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	BENZO(K)FLUORANTHENE	207-08-9	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	BENZO(K)FLUORANTHENE	207-08-9	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	BENZO(K)FLUORANTHENE	207-08-9	330	380	ug/Kg	U	V

369

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
47093	1	7	FT	BH40816AE	BENZO(K)FLUORANTHENE	207-08-9	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	BENZO(k)FLUORANTHENE	207-08-9	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	BENZO(k)FLUORANTHENE	207-08-9	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	BENZO(k)FLUORANTHENE	207-08-9	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	BENZO(k)FLUORANTHENE	207-08-9	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	BENZO(k)FLUORANTHENE	207-08-9	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	BENZO(k)FLUORANTHENE	207-08-9	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	BENZO(k)FLUORANTHENE	207-08-9	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	BENZO(k)FLUORANTHENE	207-08-9	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	BENZO(k)FLUORANTHENE	207-08-9	810	810	ug/Kg	U	V
42193	0	5	FT	BH40427AE	BENZOIC ACID	65-85-0	1800	1800	ug/Kg	U	V
42293	1	6	FT	BH40253AE	BENZOIC ACID	65-85-0	1900	1900	ug/Kg	U	J
42493	0	5	FT	BH40440AE	BENZOIC ACID	65-85-0	1800	1800	ug/Kg	U	V
43393	0	5	FT	BH40512AE	BENZOIC ACID	65-85-0	1800	1800	ug/Kg	U	V
43493	5	10	FT	BH40322AE	BENZOIC ACID	65-85-0	1800	1800	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	BENZOIC ACID	65-85-0	1900	1900	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	BENZOIC ACID	65-85-0	1800	1800	ug/Kg	U	V
46593	1	7	FT	BH40786AE	BENZOIC ACID	65-85-0	1600	1700	ug/Kg	U	V
46593	7	8	IN	SS40140AE	BENZOIC ACID	65-85-0	1600	1900	ug/Kg	U	J
46693	0	7	FT	BH40792AE	BENZOIC ACID	65-85-0	1600	1800	ug/Kg	U	V
46793	0	6	FT	BH40798AE	BENZOIC ACID	65-85-0	1600	1800	ug/Kg	U	V
46893	0	7	FT	BH40804AE	BENZOIC ACID	65-85-0	1600	1800	ug/Kg	U	V
46993	1	5	FT	BH40810AE	BENZOIC ACID	65-85-0	1600	1700	ug/Kg	U	V
46993	10	16	IN	SS40144AE	BENZOIC ACID	65-85-0	1600	1900	ug/Kg	U	V
47093	1	7	FT	BH40816AE	BENZOIC ACID	65-85-0	1600	1700	ug/Kg	U	V
42193	0	5	FT	BH40427AE	BENZYL ALCOHOL	100-51-6	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	BENZYL ALCOHOL	100-51-6	390	390	ug/Kg	U	J
42493	0	5	FT	BH40440AE	BENZYL ALCOHOL	100-51-6	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	BENZYL ALCOHOL	100-51-6	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	BENZYL ALCOHOL	100-51-6	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	BENZYL ALCOHOL	100-51-6	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	BENZYL ALCOHOL	100-51-6	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	BENZYL ALCOHOL	100-51-6	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	BENZYL ALCOHOL	100-51-6	330	390	ug/Kg	U	J
46893	0	7	FT	BH40804AE	BENZYL ALCOHOL	100-51-6	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	BENZYL ALCOHOL	100-51-6	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	BENZYL ALCOHOL	100-51-6	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	BENZYL ALCOHOL	100-51-6	330	350	ug/Kg	U	V
41593	4	6	FT	BH40419AE	BETA-BHC	319-85-7	11	11	ug/Kg	U	V
42193	0	5	FT	BH40427AE	BETA-BHC	319-85-7	8.7	8.7	ug/Kg	U	V
42293	1	6	FT	BH40253AE	BETA-BHC	319-85-7	9.3	9.3	ug/Kg	U	V
42493	0	5	FT	BH40440AE	BETA-BHC	319-85-7	8.6	8.6	ug/Kg	U	V
43393	0	5	FT	BH40512AE	BETA-BHC	319-85-7	8.6	8.6	ug/Kg	U	V
43493	5	10	FT	BH40322AE	BETA-BHC	319-85-7	8.9	8.9	ug/Kg	U	V
43493	0	5	FT	BH40319AE	BETA-BHC	319-85-7	9.2	9.2	ug/Kg	U	V
43693	0	5	FT	BH40520AE	BETA-BHC	319-85-7	8.6	8.6	ug/Kg	U	V
46593	1	7	FT	BH40786AE	BETA-BHC	319-85-7	8	8.7	ug/Kg	U	V
46593	7	8	IN	SS40140AE	BETA-BHC	319-85-7	8	9.3	ug/Kg	U	J
46693	0	7	FT	BH40792AE	BETA-BHC	319-85-7	8	9.4	ug/Kg	U	V
46793	0	6	FT	BH40798AE	BETA-BHC	319-85-7	8	9.1	ug/Kg	U	V
46893	0	7	FT	BH40804AE	BETA-BHC	319-85-7	8	9	ug/Kg	U	V
46993	1	5	FT	BH40810AE	BETA-BHC	319-85-7	8	8.6	ug/Kg	U	V
46993	10	16	IN	SS40144AE	BETA-BHC	319-85-7	8	9.2	ug/Kg	U	V
47093	1	7	FT	BH40816AE	BETA-BHC	319-85-7	8	8.6	ug/Kg	U	V
SP0387	2	4	FT	SP0387 02DH	BETA-BHC	319-85-7	2	2	ug/Kg	U	
41593	4	6	FT	BH40419AE	BETA-CHLORDANE	5103-74-2	110	110	ug/Kg	U	V
42193	0	5	FT	BH40427AE	BETA-CHLORDANE	5103-74-2	87	87	ug/Kg	U	V
42293	1	6	FT	BH40253AE	BETA-CHLORDANE	5103-74-2	93	93	ug/Kg	U	V
42493	0	5	FT	BH40440AE	BETA-CHLORDANE	5103-74-2	86	86	ug/Kg	U	V
43393	0	5	FT	BH40512AE	BETA-CHLORDANE	5103-74-2	86	86	ug/Kg	U	V
43493	5	10	FT	BH40322AE	BETA-CHLORDANE	5103-74-2	89	89	ug/Kg	U	V
43493	0	5	FT	BH40319AE	BETA-CHLORDANE	5103-74-2	92	92	ug/Kg	U	V
43693	0	5	FT	BH40520AE	BETA-CHLORDANE	5103-74-2	86	86	ug/Kg	U	V
46593	1	7	FT	BH40786AE	BETA-CHLORDANE	5103-74-2	80	87	ug/Kg	U	V
46593	7	8	IN	SS40140AE	BETA-CHLORDANE	5103-74-2	80	93	ug/Kg	U	J
46693	0	7	FT	BH40792AE	BETA-CHLORDANE	5103-74-2	80	94	ug/Kg	U	V
46793	0	6	FT	BH40798AE	BETA-CHLORDANE	5103-74-2	80	91	ug/Kg	U	V
46893	0	7	FT	BH40804AE	BETA-CHLORDANE	5103-74-2	80	90	ug/Kg	U	V
46993	1	5	FT	BH40810AE	BETA-CHLORDANE	5103-74-2	80	86	ug/Kg	U	V
46993	10	16	IN	SS40144AE	BETA-CHLORDANE	5103-74-2	80	92	ug/Kg	U	V
47093	1	7	FT	BH40816AE	BETA-CHLORDANE	5103-74-2	80	86	ug/Kg	U	V
41593	4	6	FT	BH40419AE	BIS(2-CHLORETHYL)ETHER	111-44-4	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	BIS(2-CHLORETHYL)ETHER	111-44-4	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	BIS(2-CHLORETHYL)ETHER	111-44-4	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	BIS(2-CHLORETHYL)ETHER	111-44-4	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	BIS(2-CHLORETHYL)ETHER	111-44-4	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	BIS(2-CHLORETHYL)ETHER	111-44-4	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	BIS(2-CHLORETHYL)ETHER	111-44-4	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	BIS(2-CHLORETHYL)ETHER	111-44-4	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	BIS(2-CHLORETHYL)ETHER	111-44-4	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	BIS(2-CHLORETHYL)ETHER	111-44-4	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	380	ug/Kg	U	V

370

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46793	0	6	FT	BH40798AE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	BIS(2-CHLORETHYL)ETHER	111-44-4	330	350	ug/Kg	U	V
41593	4	6	FT	BH40419AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	BIS(2-CHLOROETHOXY)METHANE	111-91-1	810	810	ug/Kg	U	V
48195	4	6	FT	BH00103PE	BIS(2-CHLOROETHYL)ETHER	111-44-4	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	BIS(2-CHLOROETHYL)ETHER	111-44-4	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	BIS(2-CHLOROETHYL)ETHER	111-44-4	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	BIS(2-CHLOROETHYL)ETHER	111-44-4	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	BIS(2-CHLOROETHYL)ETHER	111-44-4	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	BIS(2-CHLOROETHYL)ETHER	111-44-4	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	BIS(2-CHLOROETHYL)ETHER	111-44-4	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	BIS(2-CHLOROETHYL)ETHER	111-44-4	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	BIS(2-CHLOROETHYL)ETHER	111-44-4	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	360	45	ug/Kg	J	A
42293	1	6	FT	BH40253AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	390	390	ug/Kg	U	J
42493	0	5	FT	BH40440AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	360	38	ug/Kg	J	A
42493	5	7	IN	SS40083AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	350	83	ug/Kg	J	A
42593	0	5	FT	BH40448AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	360	50	ug/Kg	J	A
46593	1	7	FT	BH40786AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	350	ug/Kg	U	V

371

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
5993	10	16	IN	SS40144AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	350	ug/Kg	U	V
48195	0	2	FT	BH00101PE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	760	80	ug/Kg	BJ	U/JB
48195	2	4	FT	BH00102PE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	120	ug/Kg	BJ	U/JB
48195	4	6	FT	BH00103PE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	660	430	ug/Kg	BJ	U/JB
48295	4	6	FT	BH00106PE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	790	44	ug/Kg	BJ	U/JB
48295	2	4	FT	BH00105PE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	770	68	ug/Kg	BJ	V
48295	0	2	FT	BH00104PE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	740	130	ug/Kg	BJ	V
48395	2	4	FT	BH00108PE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	660	39	ug/Kg	BJ	U/JB
48395	0	2	FT	BH00107PE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	810	59	ug/Kg	BJ	U/JB
48395	4	5	FT	BH00109PE	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	750	88	ug/Kg	BJ	U/JB
05093	1	2	FT	BH00062AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	BROMODICHLOROMETHANE	75-27-4	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	BROMODICHLOROMETHANE	75-27-4	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	BROMODICHLOROMETHANE	75-27-4	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	BROMODICHLOROMETHANE	75-27-4	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	BROMODICHLOROMETHANE	75-27-4	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
593	5	6	FT	BH40292AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
993	1	2	FT	BH40143AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
2993	5	6	FT	BH40145AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	BROMODICHLOROMETHANE	75-27-4	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	BROMODICHLOROMETHANE	75-27-4	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	BROMODICHLOROMETHANE	75-27-4	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	BROMODICHLOROMETHANE	75-27-4	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	BROMODICHLOROMETHANE	75-27-4	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	BROMODICHLOROMETHANE	75-27-4	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	BROMODICHLOROMETHANE	75-27-4	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	BROMODICHLOROMETHANE	75-27-4	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
09489	4	5	FT	SEP2289BR0406	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
9489	0	1	FT	SEP2289BR0002	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
209889	0	2	FT	SEP2689BR0002	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V

372

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209889	4	6	FT	SEP2689BR0406	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	BROMODICHLOROMETHANE	75-27-4	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	BROMODICHLOROMETHANE	75-27-4	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	BROMODICHLOROMETHANE	75-27-4		25	ug/Kg	U	
05093	1	2	FT	BH00062AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	BROMOFORM	75-25-2	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	BROMOFORM	75-25-2	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	BROMOFORM	75-25-2	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	BROMOFORM	75-25-2	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	BROMOFORM	75-25-2	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	BROMOFORM	75-25-2	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	BROMOFORM	75-25-2	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	BROMOFORM	75-25-2	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	BROMOFORM	75-25-2	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	BROMOFORM	75-25-2	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	BROMOFORM	75-25-2	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	BROMOFORM	75-25-2	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	BROMOFORM	75-25-2	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	BROMOFORM	75-25-2	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	BROMOFORM	75-25-2	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	BROMOFORM	75-25-2		25	ug/Kg	U	

373

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05393	2	2	FT	BH00077AE	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	V
40093	1	2	FT	BH40168AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
40093	4	5	FT	BH40169AE	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
40293	2	2	FT	BH40119AE	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
40393	2	2	FT	BH40124AE	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
40693	1	2	FT	BH40151AE	BROMOMETHANE	74-83-9	13	13	ug/Kg	U	V
40793	5	6	FT	BH40159AE	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
40793	1	2	FT	BH40158AE	BROMOMETHANE	74-83-9	64	64	ug/Kg	U	V
40893	4	5	FT	BH40032AE	BROMOMETHANE	74-83-9	10	11	ug/Kg	U	V
40893	1	1	FT	BH40031AE	BROMOMETHANE	74-83-9	10	58	ug/Kg	U	V
40993	1	2	FT	BH40202AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
40993	5	6	FT	BH40203AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
41193	1	2	FT	BH40050AE	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
41293	1	2	FT	BH40197AE	BROMOMETHANE	74-83-9	56	56	ug/Kg	U	V
41593	5	5	FT	BH40211AE	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	V
41693	2	2	FT	BH40218AE	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	V
41793	2	3	FT	BH40244AE	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	V
41793	5	6	FT	BH40245AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
41993	2	2	FT	BH40063AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
41993	5	5	FT	BH40064AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
42093	1	2	FT	BH40484AE	BROMOMETHANE	74-83-9	57	57	ug/Kg	U	V
42193	1	2	FT	BH40436AE	BROMOMETHANE	74-83-9	24	24	ug/Kg	U	V
42293	4	4	FT	BH40254AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	J
42393	1	1	FT	BH40262AE	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
42493	5	5	FT	BH40284AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
42493	2	3	FT	BH40283AE	BROMOMETHANE	74-83-9	13	13	ug/Kg	U	V
42593	5	6	FT	BH40292AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
42993	1	2	FT	BH40143AE	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	V
42993	5	6	FT	BH40145AE	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
43193	2	2	FT	BH40307AE	BROMOMETHANE	74-83-9	21	21	ug/Kg	U	V
43393	2	2	FT	BH40325AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
43393	5	6	FT	BH40326AE	BROMOMETHANE	74-83-9	13	13	ug/Kg	U	V
43493	2	2	FT	BH40320AE	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
43493	5	6	FT	BH40321AE	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
43693	3	3	FT	BH40341AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
43793	1	1	FT	BH40333AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
43793	5	6	FT	BH40334AE	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
43893	1	1	FT	BH40071AE	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
43993	1	1	FT	BH40354AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
43993	5	5	FT	BH40355AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
44093	1	2	FT	BH40349AE	BROMOMETHANE	74-83-9	23	23	ug/Kg	U	V
44393	5	6	FT	BH40035AE	BROMOMETHANE	74-83-9	25	25	ug/Kg	U	V
44393	1	1	FT	BH40034AE	BROMOMETHANE	74-83-9	57	57	ug/Kg	U	V
44893	2	2	FT	BH40190AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
45693	5	6	FT	BH40376AE	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
45693	1	1	FT	BH40375AE	BROMOMETHANE	74-83-9	13	13	ug/Kg	U	V
45793	5	6	FT	BH40560AE	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
45893	2	2	FT	BH40378AE	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
45893	5	5	FT	BH40379AE	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
46193	0	1	FT	BH40386AE	BROMOMETHANE	74-83-9	60	60	ug/Kg	U	V
46293	2	3	FT	BH40566AE	BROMOMETHANE	74-83-9	13	13	ug/Kg	U	V
46593	2	2	FT	BH40701AE	BROMOMETHANE	74-83-9	10	11	ug/Kg	U	V
46693	1	1	FT	BH40716AE	BROMOMETHANE	74-83-9	10	13	ug/Kg	U	V
46793	1	2	FT	BH40730AE	BROMOMETHANE	74-83-9	10	13	ug/Kg	U	V
46893	1	2	FT	BH40744AE	BROMOMETHANE	74-83-9	10	11	ug/Kg	U	V
46993	3	3	FT	BH40758AE	BROMOMETHANE	74-83-9	10	11	ug/Kg	U	V
48195	0	2	FT	BH00101PE	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	Z
48195	2	4	FT	BH00102PE	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	Z
48195	4	6	FT	BH00103PE	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	Z
48295	0	2	FT	BH00104PE	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	Z
48295	2	4	FT	BH00105PE	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	Z
48295	4	6	FT	BH00106PE	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	Z
48395	0	2	FT	BH00107PE	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	Z
48395	4	5	FT	BH00109PE	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	Z
P208989	5	7	FT	SEP1789BR0406	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	BROMOMETHANE	74-83-9	1300	1300	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	BROMOMETHANE	74-83-9	1400	1400	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	BROMOMETHANE	74-83-9		50	ug/Kg	U	
48195	4	6	FT	BH00103PE	BUTYL BENZYL PHTHALATE	85-68-7	660	29	ug/Kg	BJ	U/JB
48195	2	4	FT	BH00102PE	BUTYL BENZYL PHTHALATE	85-68-7	790	44	ug/Kg	BJ	U/JB
48195	0	2	FT	BH00101PE	BUTYL BENZYL PHTHALATE	85-68-7	760	48	ug/Kg	BJ	U/JB
48295	4	6	FT	BH00106PE	BUTYL BENZYL PHTHALATE	85-68-7	790	23	ug/Kg	J	V
48295	2	4	FT	BH00105PE	BUTYL BENZYL PHTHALATE	85-68-7	770	29	ug/Kg	BJ	U/JB
48295	0	2	FT	BH00104PE	BUTYL BENZYL PHTHALATE	85-68-7	740	57	ug/Kg	BJ	U/JB
48395	0	2	FT	BH00107PE	BUTYL BENZYL PHTHALATE	85-68-7	810	23	ug/Kg	BJ	U/JB, J/UJ
48395	2	4	FT	BH00108PE	BUTYL BENZYL PHTHALATE	85-68-7	660	660	ug/Kg	U	V

374

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48395	4	5	FT	BH00109PE	BUTYL BENZYL PHTHALATE	85-68-7	750	750	ug/Kg	U	V
41593	4	6	FT	BH40419AE	BUTYL BENZYLPHTHALATE	85-68-7	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	BUTYL BENZYLPHTHALATE	85-68-7	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	BUTYL BENZYLPHTHALATE	85-68-7	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	BUTYL BENZYLPHTHALATE	85-68-7	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	BUTYL BENZYLPHTHALATE	85-68-7	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	BUTYL BENZYLPHTHALATE	85-68-7	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	BUTYL BENZYLPHTHALATE	85-68-7	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	BUTYL BENZYLPHTHALATE	85-68-7	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	BUTYL BENZYLPHTHALATE	85-68-7	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	BUTYL BENZYLPHTHALATE	85-68-7	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	BUTYL BENZYLPHTHALATE	85-68-7	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	BUTYL BENZYLPHTHALATE	85-68-7	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	BUTYL BENZYLPHTHALATE	85-68-7	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	BUTYL BENZYLPHTHALATE	85-68-7	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	BUTYL BENZYLPHTHALATE	85-68-7	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	BUTYL BENZYLPHTHALATE	85-68-7	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	BUTYL BENZYLPHTHALATE	85-68-7	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	BUTYL BENZYLPHTHALATE	85-68-7	330	350	ug/Kg	U	V
41593	4	6	FT	BH40419AE	CARBAZOLE	86-74-8	440	440	ug/Kg	U	V
42493	5	7	IN	SS40083AE	CARBAZOLE	86-74-8	350	350	ug/Kg	U	V
42593	0	5	FT	BH40448AE	CARBAZOLE	86-74-8	360	360	ug/Kg	U	V
48195	4	6	FT	BH00103PE	CARBAZOLE	86-74-8	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	CARBAZOLE	86-74-8	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	CARBAZOLE	86-74-8	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	CARBAZOLE	86-74-8	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	CARBAZOLE	86-74-8	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	CARBAZOLE	86-74-8	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	CARBAZOLE	86-74-8	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	CARBAZOLE	86-74-8	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	CARBAZOLE	86-74-8	810	810	ug/Kg	U	V
05093	1	2	FT	BH00062AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	CARBON DISULFIDE	75-15-0	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	CARBON DISULFIDE	75-15-0	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	CARBON DISULFIDE	75-15-0	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	CARBON DISULFIDE	75-15-0	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	CARBON DISULFIDE	75-15-0	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	CARBON DISULFIDE	75-15-0	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	CARBON DISULFIDE	75-15-0	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	CARBON DISULFIDE	75-15-0	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	CARBON DISULFIDE	75-15-0	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	CARBON DISULFIDE	75-15-0	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	CARBON DISULFIDE	75-15-0	30	30	ug/Kg	U	V

375

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46293	2	3	FT	BH40566AE	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	CARBON DISULFIDE	75-15-0	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	CARBON DISULFIDE	75-15-0	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	CARBON DISULFIDE	75-15-0	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	CARBON DISULFIDE	75-15-0	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	CARBON DISULFIDE	75-15-0		25	ug/Kg	U	
05093	1	2	FT	BH00062AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	CARBON TETRACHLORIDE	56-23-5	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	CARBON TETRACHLORIDE	56-23-5	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	CARBON TETRACHLORIDE	56-23-5	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	CARBON TETRACHLORIDE	56-23-5	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	CARBON TETRACHLORIDE	56-23-5	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	CARBON TETRACHLORIDE	56-23-5	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	CARBON TETRACHLORIDE	56-23-5	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	CARBON TETRACHLORIDE	56-23-5	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	CARBON TETRACHLORIDE	56-23-5	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	CARBON TETRACHLORIDE	56-23-5	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	CARBON TETRACHLORIDE	56-23-5	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	CARBON TETRACHLORIDE	56-23-5	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	CARBON TETRACHLORIDE	56-23-5	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V

376

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
6993	3	3	FT	BH40758AE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	CARBON TETRACHLORIDE	56-23-5	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	CARBON TETRACHLORIDE	56-23-5	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	CARBON TETRACHLORIDE	56-23-5		25	ug/Kg	U	
SP0387	2	4	FT	SP038702DH	CHLORDANE	57-74-9	20	20	ug/Kg	U	
05093	1	2	FT	BH00062AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	CHLOROBENZENE	108-90-7	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	CHLOROBENZENE	108-90-7	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	CHLOROBENZENE	108-90-7	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
693	2	2	FT	BH40218AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
793	2	3	FT	BH40244AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	CHLOROBENZENE	108-90-7	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	CHLOROBENZENE	108-90-7	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	CHLOROBENZENE	108-90-7	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	CHLOROBENZENE	108-90-7	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	CHLOROBENZENE	108-90-7	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	CHLOROBENZENE	108-90-7	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	CHLOROBENZENE	108-90-7	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	CHLOROBENZENE	108-90-7	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	CHLOROBENZENE	108-90-7	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	CHLOROBENZENE	108-90-7	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
195	0	2	FT	BH00101PE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
195	2	4	FT	BH00102PE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
8195	4	6	FT	BH00103PE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V

377

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48295	0	2	FT	BH00104PE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	CHLOROBENZENE	108-90-7	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	CHLOROBENZENE	108-90-7	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	CHLOROBENZENE	108-90-7		25	ug/Kg	U	
05093	1	2	FT	BH00062AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
05093	5	6	FT	BH00063AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
05193	1	1	FT	BH00067AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
05393	2	2	FT	BH00077AE	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	V
40093	1	2	FT	BH40168AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
40093	4	5	FT	BH40169AE	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
40293	2	2	FT	BH40119AE	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
40393	2	2	FT	BH40124AE	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
40693	1	2	FT	BH40151AE	CHLOROETHANE	75-00-3	13	13	ug/Kg	U	V
40793	5	6	FT	BH40159AE	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
40793	1	2	FT	BH40158AE	CHLOROETHANE	75-00-3	64	64	ug/Kg	U	V
40893	4	5	FT	BH40032AE	CHLOROETHANE	75-00-3	10	11	ug/Kg	U	V
40893	1	1	FT	BH40031AE	CHLOROETHANE	75-00-3	10	58	ug/Kg	U	V
40993	1	2	FT	BH40202AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
40993	5	6	FT	BH40203AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
41193	1	2	FT	BH40050AE	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
41293	1	2	FT	BH40197AE	CHLOROETHANE	75-00-3	56	56	ug/Kg	U	V
41593	5	5	FT	BH40211AE	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	V
41693	2	2	FT	BH40218AE	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	V
41793	2	3	FT	BH40244AE	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	V
41793	5	6	FT	BH40245AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
41993	2	2	FT	BH40063AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
41993	5	5	FT	BH40064AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
42093	1	2	FT	BH40484AE	CHLOROETHANE	75-00-3	57	57	ug/Kg	U	V
42193	1	2	FT	BH40436AE	CHLOROETHANE	75-00-3	24	24	ug/Kg	U	V
42293	4	4	FT	BH40254AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	J
42393	1	1	FT	BH40262AE	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
42493	5	5	FT	BH40284AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
42493	2	3	FT	BH40283AE	CHLOROETHANE	75-00-3	13	13	ug/Kg	U	V
42593	5	6	FT	BH40292AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
42993	1	2	FT	BH40143AE	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	V
42993	5	6	FT	BH40145AE	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
43193	2	2	FT	BH40307AE	CHLOROETHANE	75-00-3	21	21	ug/Kg	U	V
43393	2	2	FT	BH40325AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
43393	5	6	FT	BH40326AE	CHLOROETHANE	75-00-3	13	13	ug/Kg	U	V
43493	2	2	FT	BH40320AE	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
43493	5	6	FT	BH40321AE	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
43693	3	3	FT	BH40341AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
43793	1	1	FT	BH40333AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
43793	5	6	FT	BH40334AE	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
43893	1	1	FT	BH40071AE	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
43993	1	1	FT	BH40354AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
43993	5	5	FT	BH40355AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
44093	1	2	FT	BH40349AE	CHLOROETHANE	75-00-3	23	23	ug/Kg	U	V
44393	5	6	FT	BH40035AE	CHLOROETHANE	75-00-3	25	25	ug/Kg	U	V
44393	1	1	FT	BH40034AE	CHLOROETHANE	75-00-3	57	57	ug/Kg	U	V
44893	2	2	FT	BH40190AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
45693	5	6	FT	BH40376AE	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
45693	1	1	FT	BH40375AE	CHLOROETHANE	75-00-3	13	13	ug/Kg	U	V
45793	5	6	FT	BH40560AE	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
45893	2	2	FT	BH40378AE	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
45893	5	5	FT	BH40379AE	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
46193	0	1	FT	BH40386AE	CHLOROETHANE	75-00-3	60	60	ug/Kg	U	V
46293	2	3	FT	BH40566AE	CHLOROETHANE	75-00-3	13	13	ug/Kg	U	V
46693	1	1	FT	BH40716AE	CHLOROETHANE	75-00-3	10	13	ug/Kg	U	V
46793	1	2	FT	BH40730AE	CHLOROETHANE	75-00-3	10	13	ug/Kg	U	V
46893	1	2	FT	BH40744AE	CHLOROETHANE	75-00-3	10	11	ug/Kg	U	V
46993	3	3	FT	BH40758AE	CHLOROETHANE	75-00-3	10	11	ug/Kg	U	V
48195	0	2	FT	BH00101PE	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	V
48195	2	4	FT	BH00102PE	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	V
48195	4	6	FT	BH00103PE	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	V
48295	0	2	FT	BH00104PE	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	V
48295	2	4	FT	BH00105PE	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	V
48295	4	6	FT	BH00106PE	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	V
48395	0	2	FT	BH00107PE	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	V
48395	4	5	FT	BH00109PE	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V

378

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209189	0	1	FT	SEP1989BR0002	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	CHLOROETHANE	75-00-3	1300	1300	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	CHLOROETHANE	75-00-3	1400	1400	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	CHLOROETHANE	75-00-3		50	ug/Kg	U	
05093	1	2	FT	BH00062AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	CHLOROFORM	67-66-3	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	CHLOROFORM	67-66-3	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	CHLOROFORM	67-66-3	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	CHLOROFORM	67-66-3	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	CHLOROFORM	67-66-3	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	CHLOROFORM	67-66-3	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	CHLOROFORM	67-66-3	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	CHLOROFORM	67-66-3	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	CHLOROFORM	67-66-3	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	CHLOROFORM	67-66-3	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	CHLOROFORM	67-66-3	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	CHLOROFORM	67-66-3	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	CHLOROFORM	67-66-3	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V

379

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209889	4	6	FT	SEP2689BR0406	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	CHLOROFORM	67-66-3	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	CHLOROFORM	67-66-3	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	CHLOROFORM	67-66-3		25	ug/Kg	U	
05093	1	2	FT	BH00062AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
05093	5	6	FT	BH00063AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
05193	1	1	FT	BH00067AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
05393	2	2	FT	BH00077AE	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	V
40093	1	2	FT	BH40168AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
40093	4	5	FT	BH40169AE	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
40293	2	2	FT	BH40119AE	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
40393	2	2	FT	BH40124AE	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
40693	1	2	FT	BH40151AE	CHLOROMETHANE	74-87-3	13	13	ug/Kg	U	V
40793	5	6	FT	BH40159AE	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
40793	1	2	FT	BH40158AE	CHLOROMETHANE	74-87-3	64	64	ug/Kg	U	V
40893	4	5	FT	BH40032AE	CHLOROMETHANE	74-87-3	10	11	ug/Kg	U	V
40893	1	1	FT	BH40031AE	CHLOROMETHANE	74-87-3	10	58	ug/Kg	U	V
40993	1	2	FT	BH40202AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
40993	5	6	FT	BH40203AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
41193	1	2	FT	BH40050AE	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
41293	1	2	FT	BH40197AE	CHLOROMETHANE	74-87-3	56	56	ug/Kg	U	V
41593	5	5	FT	BH40211AE	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	V
41693	2	2	FT	BH40218AE	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	V
41793	2	3	FT	BH40244AE	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	V
41793	5	6	FT	BH40245AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
41993	2	2	FT	BH40063AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
41993	5	5	FT	BH40064AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
42093	1	2	FT	BH40484AE	CHLOROMETHANE	74-87-3	57	57	ug/Kg	U	V
42193	1	2	FT	BH40436AE	CHLOROMETHANE	74-87-3	24	24	ug/Kg	U	V
42293	4	4	FT	BH40254AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	J
42393	1	1	FT	BH40262AE	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
42493	5	5	FT	BH40284AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
42493	2	3	FT	BH40283AE	CHLOROMETHANE	74-87-3	13	13	ug/Kg	U	V
42593	5	6	FT	BH40292AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
42993	1	2	FT	BH40143AE	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	V
42993	5	6	FT	BH40145AE	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
43193	2	2	FT	BH40307AE	CHLOROMETHANE	74-87-3	21	21	ug/Kg	U	V
43393	2	2	FT	BH40325AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
43393	5	6	FT	BH40326AE	CHLOROMETHANE	74-87-3	13	13	ug/Kg	U	V
43493	2	2	FT	BH40320AE	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
43493	5	6	FT	BH40321AE	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
43693	3	3	FT	BH40341AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
43793	1	1	FT	BH40333AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
43793	5	6	FT	BH40334AE	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
43893	1	1	FT	BH40071AE	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
43993	1	1	FT	BH40354AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
43993	5	5	FT	BH40355AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
44093	1	2	FT	BH40349AE	CHLOROMETHANE	74-87-3	23	23	ug/Kg	U	V
44893	2	2	FT	BH40190AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
45693	5	6	FT	BH40376AE	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
45693	1	1	FT	BH40375AE	CHLOROMETHANE	74-87-3	13	13	ug/Kg	U	V
45793	5	6	FT	BH40560AE	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
45893	2	2	FT	BH40378AE	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
45893	5	5	FT	BH40379AE	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
46193	0	1	FT	BH40386AE	CHLOROMETHANE	74-87-3	60	60	ug/Kg	U	V
46293	2	3	FT	BH40566AE	CHLOROMETHANE	74-87-3	13	13	ug/Kg	U	V
46593	2	2	FT	BH40701AE	CHLOROMETHANE	74-87-3	10	11	ug/Kg	U	V
46693	1	1	FT	BH40716AE	CHLOROMETHANE	74-87-3	10	13	ug/Kg	U	V
46793	1	2	FT	BH40730AE	CHLOROMETHANE	74-87-3	10	13	ug/Kg	U	V
46893	1	2	FT	BH40744AE	CHLOROMETHANE	74-87-3	10	11	ug/Kg	U	V
46993	3	3	FT	BH40758AE	CHLOROMETHANE	74-87-3	10	11	ug/Kg	U	V
48195	0	2	FT	BH00101PE	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	J/UJ
48195	2	4	FT	BH00102PE	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	J/UJ
48195	4	6	FT	BH00103PE	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	J/UJ
48295	0	2	FT	BH00104PE	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	J/UJ
48295	2	4	FT	BH00105PE	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	J/UJ
48295	4	6	FT	BH00106PE	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	V
48395	0	2	FT	BH00107PE	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	V
48395	4	5	FT	BH00109PE	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	CHLOROMETHANE	74-87-3	1300	1300	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	CHLOROMETHANE	74-87-3	1400	1400	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	CHLOROMETHANE	74-87-3		50	ug/Kg	U	
41593	4	6	FT	BH40419AE	CHRYSENE	218-01-9	440	440	ug/Kg	U	V

380

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42193	0	5	FT	BH40427AE	CHRYSENE	218-01-9	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	CHRYSENE	218-01-9	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	CHRYSENE	218-01-9	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	CHRYSENE	218-01-9	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	CHRYSENE	218-01-9	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	CHRYSENE	218-01-9	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	CHRYSENE	218-01-9	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	CHRYSENE	218-01-9	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	CHRYSENE	218-01-9	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	CHRYSENE	218-01-9	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	CHRYSENE	218-01-9	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	CHRYSENE	218-01-9	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	CHRYSENE	218-01-9	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	CHRYSENE	218-01-9	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	CHRYSENE	218-01-9	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	CHRYSENE	218-01-9	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	CHRYSENE	218-01-9	330	350	ug/Kg	U	V
48195	0	2	FT	BH00101PE	CHRYSENE	218-01-9	760	43	ug/Kg	J	V
48195	4	6	FT	BH00103PE	CHRYSENE	218-01-9	660	660	ug/Kg	U	V
48195	2	4	FT	BH00102PE	CHRYSENE	218-01-9	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	CHRYSENE	218-01-9	740	55	ug/Kg	J	V
48295	2	4	FT	BH00105PE	CHRYSENE	218-01-9	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	CHRYSENE	218-01-9	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	CHRYSENE	218-01-9	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	CHRYSENE	218-01-9	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	CHRYSENE	218-01-9	810	810	ug/Kg	U	V
05093	1	2	FT	BH00062AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V

381

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46993	3	3	FT	BH40758AE	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	cis-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	cis-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	cis-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	cis-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	cis-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	cis-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	cis-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	cis-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	CIS-1,3-DICHLOROPROPENE	10061-01-5	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	CIS-1,3-DICHLOROPROPENE	10061-01-5	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	CIS-1,3-DICHLOROPROPENE	10061-01-5		25	ug/Kg	U	
48295	0	2	FT	BH00104PE	CYCLOHEXANE, OCTYL-	1795-15-9		300	ug/Kg	JN	V
48195	4	6	FT	BH00103PE	CYCLOTETRASILOXANE, OCTAMETHYL	556-67-2		1000	ug/Kg	JN	V
48195	0	2	FT	BH00101PE	CYCLOTETRASILOXANE, OCTAMETHYL	556-67-2		2000	ug/Kg	JN	V
48295	2	4	FT	BH00105PE	CYCLOTETRASILOXANE, OCTAMETHYL	556-67-2		2000	ug/Kg	JN	V
48295	4	6	FT	BH00106PE	CYCLOTETRASILOXANE, OCTAMETHYL	556-67-2		2000	ug/Kg	JN	V
48395	2	4	FT	BH00108PE	CYCLOTETRASILOXANE, OCTAMETHYL	556-67-2		400	ug/Kg	JN	V
48395	0	2	FT	BH00107PE	CYCLOTETRASILOXANE, OCTAMETHYL	556-67-2		2000	ug/Kg	JN	V
48295	0	2	FT	BH00104PE	CYCLOTRISILOXANE, HEXAMETHYL	541-05-9		1000	ug/Kg	JN	V
48395	4	5	FT	BH00109PE	DECANE, 3,6-DIMETHYL - (TIC)	17312-53-7		1000	ug/Kg	JN	V
41593	4	6	FT	BH40419AE	DELTA-BHC	319-86-8	11	11	ug/Kg	U	V
42193	0	5	FT	BH40427AE	DELTA-BHC	319-86-8	8.7	8.7	ug/Kg	U	V
42293	1	6	FT	BH40253AE	DELTA-BHC	319-86-8	9.3	9.3	ug/Kg	U	V
42493	0	5	FT	BH40440AE	DELTA-BHC	319-86-8	8.6	8.6	ug/Kg	U	V
43393	0	5	FT	BH40512AE	DELTA-BHC	319-86-8	8.6	8.6	ug/Kg	U	V
43493	5	10	FT	BH40322AE	DELTA-BHC	319-86-8	8.9	8.9	ug/Kg	U	V
43493	0	5	FT	BH40319AE	DELTA-BHC	319-86-8	9.2	9.2	ug/Kg	U	V
43693	0	5	FT	BH40520AE	DELTA-BHC	319-86-8	8.6	8.6	ug/Kg	U	V
46593	1	7	FT	BH40786AE	DELTA-BHC	319-86-8	8	8.7	ug/Kg	U	V
46593	7	8	IN	SS40140AE	DELTA-BHC	319-86-8	8	9.3	ug/Kg	U	J
46693	0	7	FT	BH40792AE	DELTA-BHC	319-86-8	8	9.4	ug/Kg	U	V
46793	0	6	FT	BH40798AE	DELTA-BHC	319-86-8	8	9.1	ug/Kg	U	V
46893	0	7	FT	BH40804AE	DELTA-BHC	319-86-8	8	9	ug/Kg	U	V
46993	1	5	FT	BH40810AE	DELTA-BHC	319-86-8	8	8.6	ug/Kg	U	V
46993	10	16	IN	SS40144AE	DELTA-BHC	319-86-8	8	9.2	ug/Kg	U	V
47093	1	7	FT	BH40816AE	DELTA-BHC	319-86-8	8	8.6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	DELTA-BHC	319-86-8	2	2	ug/Kg	U	
41593	4	6	FT	BH40419AE	DIBENZ(A,H)ANTHRACENE	53-70-3	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	DIBENZ(A,H)ANTHRACENE	53-70-3	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	DIBENZ(A,H)ANTHRACENE	53-70-3	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	DIBENZ(A,H)ANTHRACENE	53-70-3	350	350	ug/Kg	U	V
42593	0	5	FT	BH40448AE	DIBENZ(A,H)ANTHRACENE	53-70-3	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	DIBENZ(A,H)ANTHRACENE	53-70-3	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	DIBENZ(A,H)ANTHRACENE	53-70-3	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	DIBENZ(A,H)ANTHRACENE	53-70-3	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	DIBENZ(A,H)ANTHRACENE	53-70-3	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	DIBENZ(A,H)ANTHRACENE	53-70-3	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	DIBENZ(A,H)ANTHRACENE	53-70-3	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	DIBENZ(A,H)ANTHRACENE	53-70-3	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	DIBENZ(A,H)ANTHRACENE	53-70-3	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	DIBENZ(A,H)ANTHRACENE	53-70-3	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	DIBENZ(A,H)ANTHRACENE	53-70-3	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	DIBENZ(A,H)ANTHRACENE	53-70-3	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	DIBENZ(A,H)ANTHRACENE	53-70-3	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	DIBENZO(a,h)ANTHRACENE	53-70-3	660	660	ug/Kg	U	J/UJ
48195	0	2	FT	BH00101PE	DIBENZO(a,h)ANTHRACENE	53-70-3	760	760	ug/Kg	U	J/UJ
48195	2	4	FT	BH00102PE	DIBENZO(a,h)ANTHRACENE	53-70-3	790	790	ug/Kg	U	J/UJ
48295	0	2	FT	BH00104PE	DIBENZO(a,h)ANTHRACENE	53-70-3	740	740	ug/Kg	U	J/UJ
48295	2	4	FT	BH00105PE	DIBENZO(a,h)ANTHRACENE	53-70-3	770	770	ug/Kg	U	J/UJ
48295	4	6	FT	BH00106PE	DIBENZO(a,h)ANTHRACENE	53-70-3	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	DIBENZO(a,h)ANTHRACENE	53-70-3	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	DIBENZO(a,h)ANTHRACENE	53-70-3	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	DIBENZO(a,h)ANTHRACENE	53-70-3	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	DIBENZOFURAN	132-64-9	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	DIBENZOFURAN	132-64-9	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	DIBENZOFURAN	132-64-9	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	DIBENZOFURAN	132-64-9	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	DIBENZOFURAN	132-64-9	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	DIBENZOFURAN	132-64-9	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	DIBENZOFURAN	132-64-9	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	DIBENZOFURAN	132-64-9	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	DIBENZOFURAN	132-64-9	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	DIBENZOFURAN	132-64-9	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	DIBENZOFURAN	132-64-9	330	360	ug/Kg	U	V

382

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46593	7	8	IN	SS40140AE	DIBENZOFURAN	132-64-9	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	DIBENZOFURAN	132-64-9	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	DIBENZOFURAN	132-64-9	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	DIBENZOFURAN	132-64-9	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	DIBENZOFURAN	132-64-9	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	DIBENZOFURAN	132-64-9	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	DIBENZOFURAN	132-64-9	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	DIBENZOFURAN	132-64-9	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	DIBENZOFURAN	132-64-9	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	DIBENZOFURAN	132-64-9	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	DIBENZOFURAN	132-64-9	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	DIBENZOFURAN	132-64-9	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	DIBENZOFURAN	132-64-9	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	DIBENZOFURAN	132-64-9	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	DIBENZOFURAN	132-64-9	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	DIBENZOFURAN	132-64-9	810	810	ug/Kg	U	V
05093	1	2	FT	BH00062AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	DIBROMOCHLOROMETHANE	124-48-1	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	DIBROMOCHLOROMETHANE	124-48-1	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	DIBROMOCHLOROMETHANE	124-48-1	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	DIBROMOCHLOROMETHANE	124-48-1	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	DIBROMOCHLOROMETHANE	124-48-1	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	DIBROMOCHLOROMETHANE	124-48-1	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	DIBROMOCHLOROMETHANE	124-48-1	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	DIBROMOCHLOROMETHANE	124-48-1	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	DIBROMOCHLOROMETHANE	124-48-1	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	DIBROMOCHLOROMETHANE	124-48-1	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	DIBROMOCHLOROMETHANE	124-48-1	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	DIBROMOCHLOROMETHANE	124-48-1	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	DIBROMOCHLOROMETHANE	124-48-1	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V

383

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209189	0	1	FT	SEP1989BR0002	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	DIBROMOCHLOROMETHANE	124-48-1	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	DIBROMOCHLOROMETHANE	124-48-1	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	DIBROMOCHLOROMETHANE	124-48-1		25	ug/Kg	U	
41593	4	6	FT	BH40419AE	DIELDRIN	60-57-1	21	21	ug/Kg	U	V
42193	0	5	FT	BH40427AE	DIELDRIN	60-57-1	17	17	ug/Kg	U	V
42293	1	6	FT	BH40253AE	DIELDRIN	60-57-1	19	19	ug/Kg	U	V
42493	0	5	FT	BH40440AE	DIELDRIN	60-57-1	17	17	ug/Kg	U	V
43393	0	5	FT	BH40512AE	DIELDRIN	60-57-1	17	17	ug/Kg	U	V
43493	0	5	FT	BH40319AE	DIELDRIN	60-57-1	18	18	ug/Kg	U	V
43493	5	10	FT	BH40322AE	DIELDRIN	60-57-1	18	18	ug/Kg	U	V
43693	0	5	FT	BH40520AE	DIELDRIN	60-57-1	17	17	ug/Kg	U	V
46593	1	7	FT	BH40786AE	DIELDRIN	60-57-1	16	17	ug/Kg	U	V
46593	7	8	IN	SS40140AE	DIELDRIN	60-57-1	16	19	ug/Kg	U	J
46693	0	7	FT	BH40792AE	DIELDRIN	60-57-1	16	19	ug/Kg	U	V
46793	0	6	FT	BH40798AE	DIELDRIN	60-57-1	16	18	ug/Kg	U	V
46893	0	7	FT	BH40804AE	DIELDRIN	60-57-1	16	18	ug/Kg	U	V
46993	1	5	FT	BH40810AE	DIELDRIN	60-57-1	16	17	ug/Kg	U	V
46993	10	16	IN	SS40144AE	DIELDRIN	60-57-1	16	18	ug/Kg	U	V
47093	1	7	FT	BH40816AE	DIELDRIN	60-57-1	16	17	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	DIELDRIN	60-57-1	4	4	ug/Kg	U	
41593	4	6	FT	BH40419AE	DIETHYL PHTHALATE	84-66-2	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	DIETHYL PHTHALATE	84-66-2	360	360	ug/Kg	U	J
42293	1	6	FT	BH40253AE	DIETHYL PHTHALATE	84-66-2	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	DIETHYL PHTHALATE	84-66-2	350	350	ug/Kg	U	V
42593	0	5	FT	BH40448AE	DIETHYL PHTHALATE	84-66-2	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	DIETHYL PHTHALATE	84-66-2	360	360	ug/Kg	U	J
43493	5	10	FT	BH40322AE	DIETHYL PHTHALATE	84-66-2	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	DIETHYL PHTHALATE	84-66-2	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	DIETHYL PHTHALATE	84-66-2	360	360	ug/Kg	U	J
46593	1	7	FT	BH40786AE	DIETHYL PHTHALATE	84-66-2	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	DIETHYL PHTHALATE	84-66-2	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	DIETHYL PHTHALATE	84-66-2	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	DIETHYL PHTHALATE	84-66-2	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	DIETHYL PHTHALATE	84-66-2	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	DIETHYL PHTHALATE	84-66-2	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	DIETHYL PHTHALATE	84-66-2	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	DIETHYL PHTHALATE	84-66-2	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	DIETHYL PHTHALATE	84-66-2	660	20	ug/Kg	J	V
48195	0	2	FT	BH00101PE	DIETHYL PHTHALATE	84-66-2	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	DIETHYL PHTHALATE	84-66-2	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	DIETHYL PHTHALATE	84-66-2	740	330	ug/Kg	J	V
48295	2	4	FT	BH00105PE	DIETHYL PHTHALATE	84-66-2	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	DIETHYL PHTHALATE	84-66-2	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	DIETHYL PHTHALATE	84-66-2	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	DIETHYL PHTHALATE	84-66-2	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	DIETHYL PHTHALATE	84-66-2	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	DIMETHLY PHTHALATE	131-11-3	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	DIMETHLY PHTHALATE	131-11-3	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	DIMETHLY PHTHALATE	131-11-3	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	DIMETHLY PHTHALATE	131-11-3	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	DIMETHLY PHTHALATE	131-11-3	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	DIMETHLY PHTHALATE	131-11-3	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	DIMETHLY PHTHALATE	131-11-3	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	DIMETHLY PHTHALATE	131-11-3	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	DIMETHLY PHTHALATE	131-11-3	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	DIMETHLY PHTHALATE	131-11-3	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	DIMETHLY PHTHALATE	131-11-3	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	DIMETHLY PHTHALATE	131-11-3	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	DIMETHLY PHTHALATE	131-11-3	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	DIMETHLY PHTHALATE	131-11-3	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	DIMETHLY PHTHALATE	131-11-3	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	DIMETHLY PHTHALATE	131-11-3	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	DIMETHLY PHTHALATE	131-11-3	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	DIMETHLY PHTHALATE	131-11-3	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	DIMETHYL PHTHALATE	131-11-3	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	DIMETHYL PHTHALATE	131-11-3	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	DIMETHYL PHTHALATE	131-11-3	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	DIMETHYL PHTHALATE	131-11-3	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	DIMETHYL PHTHALATE	131-11-3	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	DIMETHYL PHTHALATE	131-11-3	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	DIMETHYL PHTHALATE	131-11-3	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	DIMETHYL PHTHALATE	131-11-3	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	DIMETHYL PHTHALATE	131-11-3	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	DI-N-BUTYL PHTHALATE	84-74-2	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	DI-N-BUTYL PHTHALATE	84-74-2	360	46	ug/Kg	J	A
42293	1	6	FT	BH40253AE	DI-N-BUTYL PHTHALATE	84-74-2	390	390	ug/Kg	U	J

384

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42493	0	5	FT	BH40440AE	DI-N-BUTYL PHTHALATE	84-74-2	360	54	ug/Kg	J	A
42493	5	7	IN	SS40083AE	DI-N-BUTYL PHTHALATE	84-74-2	350	350	ug/Kg	U	V
42593	0	5	FT	BH40448AE	DI-N-BUTYL PHTHALATE	84-74-2	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	DI-N-BUTYL PHTHALATE	84-74-2	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	DI-N-BUTYL PHTHALATE	84-74-2	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	DI-N-BUTYL PHTHALATE	84-74-2	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	DI-N-BUTYL PHTHALATE	84-74-2	360	98	ug/Kg	J	A
46593	1	7	FT	BH40786AE	DI-N-BUTYL PHTHALATE	84-74-2	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	DI-N-BUTYL PHTHALATE	84-74-2	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	DI-N-BUTYL PHTHALATE	84-74-2	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	DI-N-BUTYL PHTHALATE	84-74-2	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	DI-N-BUTYL PHTHALATE	84-74-2	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	DI-N-BUTYL PHTHALATE	84-74-2	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	DI-N-BUTYL PHTHALATE	84-74-2	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	DI-N-BUTYL PHTHALATE	84-74-2	330	350	ug/Kg	U	V
48195	0	2	FT	BH00101PE	DI-n-BUTYL PHTHALATE	84-74-2	760	35	ug/Kg	BJ	U/JB
48195	2	4	FT	BH00102PE	DI-n-BUTYL PHTHALATE	84-74-2	790	37	ug/Kg	BJ	U/JB
48195	4	6	FT	BH00103PE	DI-n-BUTYL PHTHALATE	84-74-2	660	48	ug/Kg	BJ	U/JB
48295	2	4	FT	BH00105PE	DI-n-BUTYL PHTHALATE	84-74-2	770	27	ug/Kg	BJ	U/JB
48295	4	6	FT	BH00106PE	DI-n-BUTYL PHTHALATE	84-74-2	790	28	ug/Kg	J	V
48295	0	2	FT	BH00104PE	DI-n-BUTYL PHTHALATE	84-74-2	740	77	ug/Kg	BJ	U/JB
48395	4	5	FT	BH00109PE	DI-n-BUTYL PHTHALATE	84-74-2	750	44	ug/Kg	BJ	U/JB
48395	0	2	FT	BH00107PE	DI-n-BUTYL PHTHALATE	84-74-2	810	54	ug/Kg	BJ	U/JB
48395	2	4	FT	BH00108PE	DI-n-BUTYL PHTHALATE	84-74-2	660	660	ug/Kg	U	V
48195	4	6	FT	BH00103PE	DI-n-OCTYL PHTHALATE	117-84-0	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	DI-n-OCTYL PHTHALATE	117-84-0	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	DI-n-OCTYL PHTHALATE	117-84-0	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	DI-n-OCTYL PHTHALATE	117-84-0	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	DI-n-OCTYL PHTHALATE	117-84-0	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	DI-n-OCTYL PHTHALATE	117-84-0	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	DI-n-OCTYL PHTHALATE	117-84-0	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	DI-n-OCTYL PHTHALATE	117-84-0	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	DI-n-OCTYL PHTHALATE	117-84-0	810	810	ug/Kg	U	U/UJ
41593	4	6	FT	BH40419AE	DI-N-OCTYLPHTHALATE	117-84-0	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	DI-N-OCTYLPHTHALATE	117-84-0	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	DI-N-OCTYLPHTHALATE	117-84-0	390	390	ug/Kg	U	J
42493	0	5	FT	BH40440AE	DI-N-OCTYLPHTHALATE	117-84-0	360	45	ug/Kg	J	A
42493	5	7	IN	SS40083AE	DI-N-OCTYLPHTHALATE	117-84-0	350	350	ug/Kg	U	V
42593	0	5	FT	BH40448AE	DI-N-OCTYLPHTHALATE	117-84-0	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	DI-N-OCTYLPHTHALATE	117-84-0	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	DI-N-OCTYLPHTHALATE	117-84-0	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	DI-N-OCTYLPHTHALATE	117-84-0	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	DI-N-OCTYLPHTHALATE	117-84-0	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	DI-N-OCTYLPHTHALATE	117-84-0	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	DI-N-OCTYLPHTHALATE	117-84-0	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	DI-N-OCTYLPHTHALATE	117-84-0	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	DI-N-OCTYLPHTHALATE	117-84-0	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	DI-N-OCTYLPHTHALATE	117-84-0	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	DI-N-OCTYLPHTHALATE	117-84-0	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	DI-N-OCTYLPHTHALATE	117-84-0	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	DI-N-OCTYLPHTHALATE	117-84-0	330	350	ug/Kg	U	V
48195	2	4	FT	BH00102PE	DODECANAMIDE, N,N-BIS(2-HYDROXYETHYL)	120-40-1		4000	ug/Kg	JN	V
48195	0	2	FT	BH00101PE	DODECANAMIDE, N,N-BIS(2-HYDROXYETHYL)	120-40-1		5000	ug/Kg	JN	V
48195	4	6	FT	BH00103PE	DODECANAMIDE, N,N-BIS(2-HYDROXYETHYL)	120-40-1		6000	ug/Kg	JN	V
48295	2	4	FT	BH00105PE	DODECANAMIDE, N,N-BIS(2-HYDROXYETHYL)	120-40-1		5000	ug/Kg	JN	V
48295	4	6	FT	BH00106PE	DODECANAMIDE, N,N-BIS(2-HYDROXYETHYL)	120-40-1		6000	ug/Kg	JN	V
48395	2	4	FT	BH00108PE	DODECANAMIDE, N,N-BIS(2-HYDROXYETHYL)	120-40-1		1000	ug/Kg	JN	V
48395	0	2	FT	BH00107PE	DODECANAMIDE, N,N-BIS(2-HYDROXYETHYL)	120-40-1		6000	ug/Kg	BJN	V
48395	4	5	FT	BH00109PE	DODECANAMIDE, N,N-BIS(2-HYDROXYETHYL)	120-40-1		8000	ug/Kg	BJN	V
48295	0	2	FT	BH00104PE	DODECANE, 2,7,10-TRIMETHYL- (tic)	74645-98-0		600	ug/Kg	JN	V
48395	4	5	FT	BH00109PE	DODECANE, 2,7,10-TRIMETHYL- (tic)	74645-98-0		1000	ug/Kg	JN	V
48295	0	2	FT	BH00104PE	DODECANE, 4,6-DIMETHYL	61141-72-8		2000	ug/Kg	JN	V
41593	4	6	FT	BH40419AE	ENDOSULFAN I	959-98-8	11	11	ug/Kg	U	V
42193	0	5	FT	BH40427AE	ENDOSULFAN I	959-98-8	8.7	8.7	ug/Kg	U	V
42293	1	6	FT	BH40253AE	ENDOSULFAN I	959-98-8	9.3	9.3	ug/Kg	U	V
42493	0	5	FT	BH40440AE	ENDOSULFAN I	959-98-8	8.6	8.6	ug/Kg	U	V
43393	0	5	FT	BH40512AE	ENDOSULFAN I	959-98-8	8.6	8.6	ug/Kg	U	V
43493	5	10	FT	BH40322AE	ENDOSULFAN I	959-98-8	8.9	8.9	ug/Kg	U	V
43493	0	5	FT	BH40319AE	ENDOSULFAN I	959-98-8	9.2	9.2	ug/Kg	U	V
43693	0	5	FT	BH40520AE	ENDOSULFAN I	959-98-8	8.6	8.6	ug/Kg	U	V
46593	1	7	FT	BH40786AE	ENDOSULFAN I	959-98-8	8	8.7	ug/Kg	U	V
46593	7	8	IN	SS40140AE	ENDOSULFAN I	959-98-8	8	9.3	ug/Kg	U	J
46693	0	7	FT	BH40792AE	ENDOSULFAN I	959-98-8	8	9.4	ug/Kg	U	V
46793	0	6	FT	BH40798AE	ENDOSULFAN I	959-98-8	8	9.1	ug/Kg	U	V
46893	0	7	FT	BH40804AE	ENDOSULFAN I	959-98-8	8	9	ug/Kg	U	V
46993	1	5	FT	BH40810AE	ENDOSULFAN I	959-98-8	8	8.6	ug/Kg	U	V
46993	10	16	IN	SS40144AE	ENDOSULFAN I	959-98-8	8	9.2	ug/Kg	U	V
47093	1	7	FT	BH40816AE	ENDOSULFAN I	959-98-8	8	8.6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	ENDOSULFAN I	959-98-8	2	2	ug/Kg	U	
41593	4	6	FT	BH40419AE	ENDOSULFAN II	33213-65-9	21	21	ug/Kg	U	V
42193	0	5	FT	BH40427AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	U	V
42293	1	6	FT	BH40253AE	ENDOSULFAN II	33213-65-9	19	19	ug/Kg	U	V
42493	0	5	FT	BH40440AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	U	V
43393	0	5	FT	BH40512AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	U	V

385

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43493	0	5	FT	BH40319AE	ENDOSULFAN II	33213-65-9	18	18	ug/Kg	U	V
43493	5	10	FT	BH40322AE	ENDOSULFAN II	33213-65-9	18	18	ug/Kg	U	V
43693	0	5	FT	BH40520AE	ENDOSULFAN II	33213-65-9	17	17	ug/Kg	U	V
46593	1	7	FT	BH40786AE	ENDOSULFAN II	33213-65-9	16	17	ug/Kg	U	V
46593	7	8	IN	SS40140AE	ENDOSULFAN II	33213-65-9	16	19	ug/Kg	U	J
46693	0	7	FT	BH40792AE	ENDOSULFAN II	33213-65-9	16	19	ug/Kg	U	V
46793	0	6	FT	BH40798AE	ENDOSULFAN II	33213-65-9	16	18	ug/Kg	U	V
46893	0	7	FT	BH40804AE	ENDOSULFAN II	33213-65-9	16	18	ug/Kg	U	V
46993	1	5	FT	BH40810AE	ENDOSULFAN II	33213-65-9	16	17	ug/Kg	U	V
46993	10	16	IN	SS40144AE	ENDOSULFAN II	33213-65-9	16	18	ug/Kg	U	V
47093	1	7	FT	BH40816AE	ENDOSULFAN II	33213-65-9	16	17	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	ENDOSULFAN II	33213-65-9	4	4	ug/Kg	U	
41593	4	6	FT	BH40419AE	ENDOSULFAN SULFATE	1031-07-8	21	21	ug/Kg	U	V
42193	0	5	FT	BH40427AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	U	V
42293	1	6	FT	BH40253AE	ENDOSULFAN SULFATE	1031-07-8	19	19	ug/Kg	U	V
42493	0	5	FT	BH40440AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	U	V
43393	0	5	FT	BH40512AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	U	V
43493	0	5	FT	BH40319AE	ENDOSULFAN SULFATE	1031-07-8	18	18	ug/Kg	U	V
43493	5	10	FT	BH40322AE	ENDOSULFAN SULFATE	1031-07-8	18	18	ug/Kg	U	V
43693	0	5	FT	BH40520AE	ENDOSULFAN SULFATE	1031-07-8	17	17	ug/Kg	U	V
46593	1	7	FT	BH40786AE	ENDOSULFAN SULFATE	1031-07-8	16	17	ug/Kg	U	V
46593	7	8	IN	SS40140AE	ENDOSULFAN SULFATE	1031-07-8	16	19	ug/Kg	U	J
46693	0	7	FT	BH40792AE	ENDOSULFAN SULFATE	1031-07-8	16	19	ug/Kg	U	V
46793	0	6	FT	BH40798AE	ENDOSULFAN SULFATE	1031-07-8	16	18	ug/Kg	U	V
46893	0	7	FT	BH40804AE	ENDOSULFAN SULFATE	1031-07-8	16	18	ug/Kg	U	V
46993	1	5	FT	BH40810AE	ENDOSULFAN SULFATE	1031-07-8	16	17	ug/Kg	U	V
46993	10	16	IN	SS40144AE	ENDOSULFAN SULFATE	1031-07-8	16	18	ug/Kg	U	V
47093	1	7	FT	BH40816AE	ENDOSULFAN SULFATE	1031-07-8	16	17	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	ENDOSULFAN SULFATE	1031-07-8	4	4	ug/Kg	U	
41593	4	6	FT	BH40419AE	ENDRIN	72-20-8	21	21	ug/Kg	U	V
42193	0	5	FT	BH40427AE	ENDRIN	72-20-8	17	17	ug/Kg	U	V
42293	1	6	FT	BH40253AE	ENDRIN	72-20-8	19	19	ug/Kg	U	V
42493	0	5	FT	BH40440AE	ENDRIN	72-20-8	17	17	ug/Kg	U	V
43393	0	5	FT	BH40512AE	ENDRIN	72-20-8	17	17	ug/Kg	U	V
43493	0	5	FT	BH40319AE	ENDRIN	72-20-8	18	18	ug/Kg	U	V
43493	5	10	FT	BH40322AE	ENDRIN	72-20-8	18	18	ug/Kg	U	V
43693	0	5	FT	BH40520AE	ENDRIN	72-20-8	17	17	ug/Kg	U	V
46593	1	7	FT	BH40786AE	ENDRIN	72-20-8	16	17	ug/Kg	U	V
46593	7	8	IN	SS40140AE	ENDRIN	72-20-8	16	19	ug/Kg	U	J
46693	0	7	FT	BH40792AE	ENDRIN	72-20-8	16	19	ug/Kg	U	V
46793	0	6	FT	BH40798AE	ENDRIN	72-20-8	16	18	ug/Kg	U	V
46893	0	7	FT	BH40804AE	ENDRIN	72-20-8	16	18	ug/Kg	U	V
46993	1	5	FT	BH40810AE	ENDRIN	72-20-8	16	17	ug/Kg	U	V
46993	10	16	IN	SS40144AE	ENDRIN	72-20-8	16	18	ug/Kg	U	V
47093	1	7	FT	BH40816AE	ENDRIN	72-20-8	16	17	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	ENDRIN	72-20-8	4	4	ug/Kg	U	
41593	4	6	FT	BH40419AE	ENDRIN KETONE	53494-70-5	21	21	ug/Kg	U	V
42193	0	5	FT	BH40427AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	U	V
42293	1	6	FT	BH40253AE	ENDRIN KETONE	53494-70-5	19	19	ug/Kg	U	V
42493	0	5	FT	BH40440AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	U	V
43393	0	5	FT	BH40512AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	U	V
43493	0	5	FT	BH40319AE	ENDRIN KETONE	53494-70-5	18	18	ug/Kg	U	V
43493	5	10	FT	BH40322AE	ENDRIN KETONE	53494-70-5	18	18	ug/Kg	U	V
43693	0	5	FT	BH40520AE	ENDRIN KETONE	53494-70-5	17	17	ug/Kg	U	V
46593	1	7	FT	BH40786AE	ENDRIN KETONE	53494-70-5	16	17	ug/Kg	U	V
46593	7	8	IN	SS40140AE	ENDRIN KETONE	53494-70-5	16	19	ug/Kg	U	J
46693	0	7	FT	BH40792AE	ENDRIN KETONE	53494-70-5	16	19	ug/Kg	U	V
46793	0	6	FT	BH40798AE	ENDRIN KETONE	53494-70-5	16	18	ug/Kg	U	V
46893	0	7	FT	BH40804AE	ENDRIN KETONE	53494-70-5	16	18	ug/Kg	U	V
46993	1	5	FT	BH40810AE	ENDRIN KETONE	53494-70-5	16	17	ug/Kg	U	V
46993	10	16	IN	SS40144AE	ENDRIN KETONE	53494-70-5	16	18	ug/Kg	U	V
47093	1	7	FT	BH40816AE	ENDRIN KETONE	53494-70-5	16	17	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	ENDRIN KETONE	53494-70-5	4	4	ug/Kg	U	
48295	4	6	FT	BH00106PE	ETHYL ACETATE	141-78-6		1000	ug/Kg	JN	Z
05093	1	2	FT	BH00062AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	ETHYLBENZENE	100-41-4	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	ETHYLBENZENE	100-41-4	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	ETHYLBENZENE	100-41-4	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V

386

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41793	5	6	FT	BH40245AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	ETHYLBENZENE	100-41-4	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	ETHYLBENZENE	100-41-4	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	ETHYLBENZENE	100-41-4	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	ETHYLBENZENE	100-41-4	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	ETHYLBENZENE	100-41-4	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	ETHYLBENZENE	100-41-4	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	ETHYLBENZENE	100-41-4	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	ETHYLBENZENE	100-41-4	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	ETHYLBENZENE	100-41-4	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	ETHYLBENZENE	100-41-4	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	ETHYLBENZENE	100-41-4	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	ETHYLBENZENE	100-41-4	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	ETHYLBENZENE	100-41-4		25	ug/Kg	U	
41593	4	6	FT	BH40419AE	FLUORANTHENE	206-44-0	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	FLUORANTHENE	206-44-0	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	FLUORANTHENE	206-44-0	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	FLUORANTHENE	206-44-0	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	FLUORANTHENE	206-44-0	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	FLUORANTHENE	206-44-0	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	FLUORANTHENE	206-44-0	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	FLUORANTHENE	206-44-0	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	FLUORANTHENE	206-44-0	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	FLUORANTHENE	206-44-0	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	FLUORANTHENE	206-44-0	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	FLUORANTHENE	206-44-0	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	FLUORANTHENE	206-44-0	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	FLUORANTHENE	206-44-0	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	FLUORANTHENE	206-44-0	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	FLUORANTHENE	206-44-0	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	FLUORANTHENE	206-44-0	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	FLUORANTHENE	206-44-0	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	FLUORANTHENE	206-44-0	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	FLUORANTHENE	206-44-0	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	FLUORANTHENE	206-44-0	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	FLUORANTHENE	206-44-0	740	59	ug/Kg	J	V
48295	2	4	FT	BH00105PE	FLUORANTHENE	206-44-0	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	FLUORANTHENE	206-44-0	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	FLUORANTHENE	206-44-0	660	660	ug/Kg	U	V

387

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
8395	4	5	FT	BH00109PE	FLUORANTHENE	206-44-0	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	FLUORANTHENE	206-44-0	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	FLUORENE	86-73-7	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	FLUORENE	86-73-7	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	FLUORENE	86-73-7	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	FLUORENE	86-73-7	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	FLUORENE	86-73-7	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	FLUORENE	86-73-7	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	FLUORENE	86-73-7	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	FLUORENE	86-73-7	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	FLUORENE	86-73-7	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	FLUORENE	86-73-7	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	FLUORENE	86-73-7	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	FLUORENE	86-73-7	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	FLUORENE	86-73-7	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	FLUORENE	86-73-7	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	FLUORENE	86-73-7	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	FLUORENE	86-73-7	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	FLUORENE	86-73-7	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	FLUORENE	86-73-7	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	FLUORENE	86-73-7	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	FLUORENE	86-73-7	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	FLUORENE	86-73-7	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	FLUORENE	86-73-7	740	66	ug/Kg	J	V
48295	2	4	FT	BH00105PE	FLUORENE	86-73-7	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	FLUORENE	86-73-7	790	790	ug/Kg	U	V
48395	0	2	FT	BH00107PE	FLUORENE	86-73-7	810	21	ug/Kg	J	V
48395	2	4	FT	BH00108PE	FLUORENE	86-73-7	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	FLUORENE	86-73-7	750	750	ug/Kg	U	V
41593	4	6	FT	BH40419AE	GAMMA-BHC [LINDANE]	58-89-9	11	11	ug/Kg	U	V
42193	0	5	FT	BH40427AE	GAMMA-BHC [LINDANE]	58-89-9	8.7	8.7	ug/Kg	U	V
42293	1	6	FT	BH40253AE	GAMMA-BHC [LINDANE]	58-89-9	9.3	9.3	ug/Kg	U	V
42493	0	5	FT	BH40440AE	GAMMA-BHC [LINDANE]	58-89-9	8.6	8.6	ug/Kg	U	V
43393	0	5	FT	BH40512AE	GAMMA-BHC [LINDANE]	58-89-9	8.6	8.6	ug/Kg	U	V
43493	5	10	FT	BH40322AE	GAMMA-BHC [LINDANE]	58-89-9	8.9	8.9	ug/Kg	U	V
43493	0	5	FT	BH40319AE	GAMMA-BHC [LINDANE]	58-89-9	9.2	9.2	ug/Kg	U	V
43693	0	5	FT	BH40520AE	GAMMA-BHC [LINDANE]	58-89-9	8.6	8.6	ug/Kg	U	V
46593	1	7	FT	BH40786AE	GAMMA-BHC [LINDANE]	58-89-9	8	8.7	ug/Kg	U	V
46593	7	8	IN	SS40140AE	GAMMA-BHC [LINDANE]	58-89-9	8	9.3	ug/Kg	U	J
46693	0	7	FT	BH40792AE	GAMMA-BHC [LINDANE]	58-89-9	8	9.4	ug/Kg	U	V
6793	0	6	FT	BH40798AE	GAMMA-BHC [LINDANE]	58-89-9	8	9.1	ug/Kg	U	V
6893	0	7	FT	BH40804AE	GAMMA-BHC [LINDANE]	58-89-9	8	9	ug/Kg	U	V
46993	1	5	FT	BH40810AE	GAMMA-BHC [LINDANE]	58-89-9	8	8.6	ug/Kg	U	V
46993	10	16	IN	SS40144AE	GAMMA-BHC [LINDANE]	58-89-9	8	9.2	ug/Kg	U	V
47093	1	7	FT	BH40816AE	GAMMA-BHC [LINDANE]	58-89-9	8	8.6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	GAMMA-BHC [LINDANE]	58-89-9	2	2	ug/Kg	U	
41593	4	6	FT	BH40419AE	HEPTACHLOR	76-44-8	11	11	ug/Kg	U	V
42193	0	5	FT	BH40427AE	HEPTACHLOR	76-44-8	8.7	8.7	ug/Kg	U	V
42293	1	6	FT	BH40253AE	HEPTACHLOR	76-44-8	9.3	9.3	ug/Kg	U	V
42493	0	5	FT	BH40440AE	HEPTACHLOR	76-44-8	8.6	8.6	ug/Kg	U	V
43396	0	5	FT	BH40512AE	HEPTACHLOR	76-44-8	8.6	8.6	ug/Kg	U	V
43493	5	10	FT	BH40322AE	HEPTACHLOR	76-44-8	8.9	8.9	ug/Kg	U	V
43493	0	5	FT	BH40319AE	HEPTACHLOR	76-44-8	9.2	9.2	ug/Kg	U	V
43693	0	5	FT	BH40520AE	HEPTACHLOR	76-44-8	8.6	8.6	ug/Kg	U	V
46593	1	7	FT	BH40786AE	HEPTACHLOR	76-44-8	8	8.7	ug/Kg	U	V
46593	7	8	IN	SS40140AE	HEPTACHLOR	76-44-8	8	9.3	ug/Kg	U	J
46693	0	7	FT	BH40792AE	HEPTACHLOR	76-44-8	8	9.4	ug/Kg	U	V
46793	0	6	FT	BH40798AE	HEPTACHLOR	76-44-8	8	9.1	ug/Kg	U	V
46893	0	7	FT	BH40804AE	HEPTACHLOR	76-44-8	8	9	ug/Kg	U	V
46993	1	5	FT	BH40810AE	HEPTACHLOR	76-44-8	8	8.6	ug/Kg	U	V
46993	10	16	IN	SS40144AE	HEPTACHLOR	76-44-8	8	9.2	ug/Kg	U	V
47093	1	7	FT	BH40816AE	HEPTACHLOR	76-44-8	8	8.6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	HEPTACHLOR	76-44-8	2	2	ug/Kg	U	
41593	4	6	FT	BH40419AE	HEPTACHLOR EPOXIDE	1024-57-3	11	11	ug/Kg	U	V
42193	0	5	FT	BH40427AE	HEPTACHLOR EPOXIDE	1024-57-3	8.7	8.7	ug/Kg	U	V
42293	1	6	FT	BH40253AE	HEPTACHLOR EPOXIDE	1024-57-3	9.3	9.3	ug/Kg	U	V
42493	0	5	FT	BH40440AE	HEPTACHLOR EPOXIDE	1024-57-3	8.6	8.6	ug/Kg	U	V
43393	0	5	FT	BH40512AE	HEPTACHLOR EPOXIDE	1024-57-3	8.6	8.6	ug/Kg	U	V
43493	5	10	FT	BH40322AE	HEPTACHLOR EPOXIDE	1024-57-3	8.9	8.9	ug/Kg	U	V
43493	0	5	FT	BH40319AE	HEPTACHLOR EPOXIDE	1024-57-3	9.2	9.2	ug/Kg	U	V
43693	0	5	FT	BH40520AE	HEPTACHLOR EPOXIDE	1024-57-3	8.6	8.6	ug/Kg	U	V
46593	1	7	FT	BH40786AE	HEPTACHLOR EPOXIDE	1024-57-3	8	8.7	ug/Kg	U	V
46593	7	8	IN	SS40140AE	HEPTACHLOR EPOXIDE	1024-57-3	8	9.3	ug/Kg	U	J
46693	0	7	FT	BH40792AE	HEPTACHLOR EPOXIDE	1024-57-3	8	9.4	ug/Kg	U	V
46793	0	6	FT	BH40798AE	HEPTACHLOR EPOXIDE	1024-57-3	8	9.1	ug/Kg	U	V
46893	0	7	FT	BH40804AE	HEPTACHLOR EPOXIDE	1024-57-3	8	9	ug/Kg	U	V
46993	1	5	FT	BH40810AE	HEPTACHLOR EPOXIDE	1024-57-3	8	8.6	ug/Kg	U	V
46993	10	16	IN	SS40144AE	HEPTACHLOR EPOXIDE	1024-57-3	8	9.2	ug/Kg	U	V
47093	1	7	FT	BH40816AE	HEPTACHLOR EPOXIDE	1024-57-3	8	8.6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	HEPTACHLOR EPOXIDE	1024-57-3	2	2	ug/Kg	U	
41593	4	6	FT	BH40419AE	HEXACHLOROBENZENE	118-74-1	440	440	ug/Kg	U	V
2193	0	5	FT	BH40427AE	HEXACHLOROBENZENE	118-74-1	360	360	ug/Kg	U	V
2293	1	6	FT	BH40253AE	HEXACHLOROBENZENE	118-74-1	390	390	ug/Kg	U	J
2493	5	7	IN	SS40083AE	HEXACHLOROBENZENE	118-74-1	350	350	ug/Kg	U	V

388

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42493	0	5	FT	BH40440AE	HEXACHLOROBENZENE	118-74-1	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	HEXACHLOROBENZENE	118-74-1	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	HEXACHLOROBENZENE	118-74-1	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	HEXACHLOROBENZENE	118-74-1	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	HEXACHLOROBENZENE	118-74-1	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	HEXACHLOROBENZENE	118-74-1	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	HEXACHLOROBENZENE	118-74-1	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	HEXACHLOROBENZENE	118-74-1	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	HEXACHLOROBENZENE	118-74-1	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	HEXACHLOROBENZENE	118-74-1	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	HEXACHLOROBENZENE	118-74-1	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	HEXACHLOROBENZENE	118-74-1	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	HEXACHLOROBENZENE	118-74-1	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	HEXACHLOROBENZENE	118-74-1	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	HEXACHLOROBENZENE	118-74-1	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	HEXACHLOROBENZENE	118-74-1	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	HEXACHLOROBENZENE	118-74-1	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	HEXACHLOROBENZENE	118-74-1	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	HEXACHLOROBENZENE	118-74-1	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	HEXACHLOROBENZENE	118-74-1	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	HEXACHLOROBENZENE	118-74-1	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	HEXACHLOROBENZENE	118-74-1	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	HEXACHLOROBENZENE	118-74-1	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	HEXACHLOROBUTADIENE	87-68-3	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	HEXACHLOROBUTADIENE	87-68-3	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	HEXACHLOROBUTADIENE	87-68-3	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	HEXACHLOROBUTADIENE	87-68-3	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	HEXACHLOROBUTADIENE	87-68-3	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	HEXACHLOROBUTADIENE	87-68-3	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	HEXACHLOROBUTADIENE	87-68-3	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	HEXACHLOROBUTADIENE	87-68-3	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	HEXACHLOROBUTADIENE	87-68-3	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	HEXACHLOROBUTADIENE	87-68-3	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	HEXACHLOROBUTADIENE	87-68-3	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	HEXACHLOROBUTADIENE	87-68-3	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	HEXACHLOROBUTADIENE	87-68-3	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	HEXACHLOROBUTADIENE	87-68-3	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	HEXACHLOROBUTADIENE	87-68-3	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	HEXACHLOROBUTADIENE	87-68-3	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	HEXACHLOROBUTADIENE	87-68-3	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	HEXACHLOROBUTADIENE	87-68-3	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	HEXACHLOROBUTADIENE	87-68-3	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	HEXACHLOROBUTADIENE	87-68-3	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	HEXACHLOROBUTADIENE	87-68-3	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	HEXACHLOROBUTADIENE	87-68-3	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	HEXACHLOROBUTADIENE	87-68-3	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	HEXACHLOROBUTADIENE	87-68-3	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	HEXACHLOROBUTADIENE	87-68-3	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	HEXACHLOROBUTADIENE	87-68-3	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	HEXACHLOROBUTADIENE	87-68-3	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	HEXACHLOROCYCLOPENTADIENE	77-47-4	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	HEXACHLOROCYCLOPENTADIENE	77-47-4	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	HEXACHLOROCYCLOPENTADIENE	77-47-4	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	HEXACHLOROCYCLOPENTADIENE	77-47-4	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	HEXACHLOROCYCLOPENTADIENE	77-47-4	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	HEXACHLOROCYCLOPENTADIENE	77-47-4	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	HEXACHLOROCYCLOPENTADIENE	77-47-4	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	HEXACHLOROCYCLOPENTADIENE	77-47-4	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	HEXACHLOROCYCLOPENTADIENE	77-47-4	810	810	ug/Kg	U	JUJ
41593	4	6	FT	BH40419AE	HEXACHLOROETHANE	67-72-1	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	HEXACHLOROETHANE	67-72-1	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	HEXACHLOROETHANE	67-72-1	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	HEXACHLOROETHANE	67-72-1	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	HEXACHLOROETHANE	67-72-1	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	HEXACHLOROETHANE	67-72-1	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	HEXACHLOROETHANE	67-72-1	360	360	ug/Kg	U	V

389

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43493	5	10	FT	BH40322AE	HEXACHLOROETHANE	67-72-1	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	HEXACHLOROETHANE	67-72-1	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	HEXACHLOROETHANE	67-72-1	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	HEXACHLOROETHANE	67-72-1	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	HEXACHLOROETHANE	67-72-1	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	HEXACHLOROETHANE	67-72-1	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	HEXACHLOROETHANE	67-72-1	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	HEXACHLOROETHANE	67-72-1	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	HEXACHLOROETHANE	67-72-1	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	HEXACHLOROETHANE	67-72-1	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	HEXACHLOROETHANE	67-72-1	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	HEXACHLOROETHANE	67-72-1	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	HEXACHLOROETHANE	67-72-1	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	HEXACHLOROETHANE	67-72-1	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	HEXACHLOROETHANE	67-72-1	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	HEXACHLOROETHANE	67-72-1	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	HEXACHLOROETHANE	67-72-1	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	HEXACHLOROETHANE	67-72-1	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	HEXACHLOROETHANE	67-72-1	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	HEXACHLOROETHANE	67-72-1	810	810	ug/Kg	U	V
48395	4	5	FT	BH00109PE	HEXYL ETHER (TIC)	112-58-3		900	ug/Kg	JN	V
41593	4	6	FT	BH40419AE	INDENO(1,2,3-CD)PYRENE	193-39-5	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	INDENO(1,2,3-CD)PYRENE	193-39-5	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	INDENO(1,2,3-CD)PYRENE	193-39-5	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	INDENO(1,2,3-CD)PYRENE	193-39-5	350	350	ug/Kg	U	V
42593	0	5	FT	BH40448AE	INDENO(1,2,3-CD)PYRENE	193-39-5	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	INDENO(1,2,3-CD)PYRENE	193-39-5	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	INDENO(1,2,3-CD)PYRENE	193-39-5	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	INDENO(1,2,3-CD)PYRENE	193-39-5	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	INDENO(1,2,3-CD)PYRENE	193-39-5	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	INDENO(1,2,3-CD)PYRENE	193-39-5	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	INDENO(1,2,3-CD)PYRENE	193-39-5	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	INDENO(1,2,3-CD)PYRENE	193-39-5	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	INDENO(1,2,3-CD)PYRENE	193-39-5	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	INDENO(1,2,3-CD)PYRENE	193-39-5	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	INDENO(1,2,3-CD)PYRENE	193-39-5	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	INDENO(1,2,3-CD)PYRENE	193-39-5	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	INDENO(1,2,3-CD)PYRENE	193-39-5	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	INDENO(1,2,3-cd)PYRENE	193-39-5	660	660	ug/Kg	U	J/UJ
48195	0	2	FT	BH00101PE	INDENO(1,2,3-cd)PYRENE	193-39-5	760	760	ug/Kg	U	J/UJ
48195	2	4	FT	BH00102PE	INDENO(1,2,3-cd)PYRENE	193-39-5	790	790	ug/Kg	U	J/UJ
48295	0	2	FT	BH00104PE	INDENO(1,2,3-cd)PYRENE	193-39-5	740	740	ug/Kg	U	J/UJ
48295	2	4	FT	BH00105PE	INDENO(1,2,3-cd)PYRENE	193-39-5	770	770	ug/Kg	U	J/UJ
48295	4	6	FT	BH00106PE	INDENO(1,2,3-cd)PYRENE	193-39-5	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	INDENO(1,2,3-cd)PYRENE	193-39-5	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	INDENO(1,2,3-cd)PYRENE	193-39-5	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	INDENO(1,2,3-cd)PYRENE	193-39-5	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	ISOPHORONE	78-59-1	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	ISOPHORONE	78-59-1	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	ISOPHORONE	78-59-1	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	ISOPHORONE	78-59-1	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	ISOPHORONE	78-59-1	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	ISOPHORONE	78-59-1	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	ISOPHORONE	78-59-1	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	ISOPHORONE	78-59-1	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	ISOPHORONE	78-59-1	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	ISOPHORONE	78-59-1	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	ISOPHORONE	78-59-1	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	ISOPHORONE	78-59-1	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	ISOPHORONE	78-59-1	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	ISOPHORONE	78-59-1	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	ISOPHORONE	78-59-1	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	ISOPHORONE	78-59-1	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	ISOPHORONE	78-59-1	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	ISOPHORONE	78-59-1	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	ISOPHORONE	78-59-1	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	ISOPHORONE	78-59-1	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	ISOPHORONE	78-59-1	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	ISOPHORONE	78-59-1	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	ISOPHORONE	78-59-1	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	ISOPHORONE	78-59-1	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	ISOPHORONE	78-59-1	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	ISOPHORONE	78-59-1	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	ISOPHORONE	78-59-1	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	METHOXYCHLOR	72-43-5	110	110	ug/Kg	U	V
42193	0	5	FT	BH40427AE	METHOXYCHLOR	72-43-5	87	87	ug/Kg	U	V
42293	1	6	FT	BH40253AE	METHOXYCHLOR	72-43-5	93	93	ug/Kg	U	V
42493	0	5	FT	BH40440AE	METHOXYCHLOR	72-43-5	86	86	ug/Kg	U	V
43393	0	5	FT	BH40512AE	METHOXYCHLOR	72-43-5	86	86	ug/Kg	U	V
43493	5	10	FT	BH40322AE	METHOXYCHLOR	72-43-5	89	89	ug/Kg	U	V
43493	0	5	FT	BH40319AE	METHOXYCHLOR	72-43-5	92	92	ug/Kg	U	V
43693	0	5	FT	BH40520AE	METHOXYCHLOR	72-43-5	86	86	ug/Kg	U	V
46593	1	7	FT	BH40786AE	METHOXYCHLOR	72-43-5	80	87	ug/Kg	U	V
46593	7	8	IN	SS40140AE	METHOXYCHLOR	72-43-5	80	93	ug/Kg	U	J

390

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46693	0	7	FT	BH40792AE	METHOXYCHLOR	72-43-5	80	94	ug/Kg	U	V
46793	0	6	FT	BH40798AE	METHOXYCHLOR	72-43-5	80	91	ug/Kg	U	V
46893	0	7	FT	BH40804AE	METHOXYCHLOR	72-43-5	80	90	ug/Kg	U	V
46993	1	5	FT	BH40810AE	METHOXYCHLOR	72-43-5	80	86	ug/Kg	U	V
46993	10	16	IN	SS40144AE	METHOXYCHLOR	72-43-5	80	92	ug/Kg	U	V
47093	1	7	FT	BH40816AE	METHOXYCHLOR	72-43-5	80	86	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	METHOXYCHLOR	72-43-5	20	20	ug/Kg	U	
05093	1	2	FT	BH00062AE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	J
05093	5	6	FT	BH00063AE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	J
05193	1	1	FT	BH00067AE	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	METHYLENE CHLORIDE	75-09-2	6	3	ug/Kg	J	A
40093	4	5	FT	BH40169AE	METHYLENE CHLORIDE	75-09-2	6	12	ug/Kg		V
40293	2	2	FT	BH40119AE	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	J	A
40393	2	2	FT	BH40124AE	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	METHYLENE CHLORIDE	75-09-2	6	7	ug/Kg		V
40793	5	6	FT	BH40159AE	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	METHYLENE CHLORIDE	75-09-2	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	J
40893	1	1	FT	BH40031AE	METHYLENE CHLORIDE	75-09-2	5	29	ug/Kg	U	J
40993	5	6	FT	BH40203AE	METHYLENE CHLORIDE	75-09-2	5	1	ug/Kg	J	A
40993	1	2	FT	BH40202AE	METHYLENE CHLORIDE	75-09-2	6	3	ug/Kg	J	A
41193	1	2	FT	BH40050AE	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	METHYLENE CHLORIDE	75-09-2	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
41593	4	6	FT	BH40419AE	METHYLENE CHLORIDE	75-09-2		280	ug/Kg	J	Z
41693	2	2	FT	BH40218AE	METHYLENE CHLORIDE	75-09-2	5	8	ug/Kg		V
41793	2	3	FT	BH40244AE	METHYLENE CHLORIDE	75-09-2	5	3	ug/Kg	J	A
41793	5	6	FT	BH40245AE	METHYLENE CHLORIDE	75-09-2	6	4	ug/Kg	J	A
41993	5	5	FT	BH40064AE	METHYLENE CHLORIDE	75-09-2	5	2	ug/Kg	J	A
41993	2	2	FT	BH40063AE	METHYLENE CHLORIDE	75-09-2	5	6	ug/Kg		V
42093	1	2	FT	BH40484AE	METHYLENE CHLORIDE	75-09-2	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	METHYLENE CHLORIDE	75-09-2	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	METHYLENE CHLORIDE	75-09-2	6	7	ug/Kg		V
42493	5	5	FT	BH40284AE	METHYLENE CHLORIDE	75-09-2	5	2	ug/Kg	J	A
42493	2	3	FT	BH40283AE	METHYLENE CHLORIDE	75-09-2	6	8	ug/Kg		V
42593	5	6	FT	BH40292AE	METHYLENE CHLORIDE	75-09-2	5	31	ug/Kg		V
42993	1	2	FT	BH40143AE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	METHYLENE CHLORIDE	75-09-2	11	11	ug/Kg	U	V
43393	5	6	FT	BH40326AE	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	J	A
43393	2	2	FT	BH40325AE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
43493	2	2	FT	BH40320AE	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	METHYLENE CHLORIDE	75-09-2	6	7	ug/Kg		V
43993	5	5	FT	BH40355AE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	METHYLENE CHLORIDE	75-09-2	6	7	ug/Kg		V
44093	1	2	FT	BH40349AE	METHYLENE CHLORIDE	75-09-2	12	11	ug/Kg	J	A
44393	5	6	FT	BH40035AE	METHYLENE CHLORIDE	75-09-2	12	13	ug/Kg		V
44393	1	1	FT	BH40034AE	METHYLENE CHLORIDE	75-09-2	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	METHYLENE CHLORIDE	75-09-2	6	5	ug/Kg	J	A
45693	5	6	FT	BH40376AE	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	J	A
45693	1	1	FT	BH40375AE	METHYLENE CHLORIDE	75-09-2	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	J	A
45893	2	2	FT	BH40378AE	METHYLENE CHLORIDE	75-09-2	6	49	ug/Kg		V
45893	5	5	FT	BH40379AE	METHYLENE CHLORIDE	75-09-2	6	71	ug/Kg		V
46193	0	1	FT	BH40386AE	METHYLENE CHLORIDE	75-09-2	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	METHYLENE CHLORIDE	75-09-2	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	METHYLENE CHLORIDE	75-09-2	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	METHYLENE CHLORIDE	75-09-2	6	3	ug/Kg	J	A
P209189	0	1	FT	SEP1989BR0002	METHYLENE CHLORIDE	75-09-2	6	1	ug/Kg	J	A
P209189	4	6	FT	SEP1989BR0406	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	J	A
P209489	0	1	FT	SEP2289BR0002	METHYLENE CHLORIDE	75-09-2	6	3	ug/Kg	J	A
P209489	4	5	FT	SEP2289BR0406	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg		A
P209889	0	2	FT	SEP2689BR0002	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	J	A
P209889	4	6	FT	SEP2689BR0406	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	J	A
P210189	5	7	FT	SEP3089BR0406	METHYLENE CHLORIDE	75-09-2	720	480	ug/Kg	JB	A
P210189	0	2	FT	SEP3089BR0002	METHYLENE CHLORIDE	75-09-2	650	540	ug/Kg	JB	A

391

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
210289	0	2	FT	SEP3189BR0002	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	J	A
P210289	4	5	FT	SEP3189BR0406	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	JB	A
SP0387	2	4	FT	SP038702DH	METHYLENE CHLORIDE	75-09-2		13	ug/Kg	JB	
48195	0	2	FT	BH00101PE	MYRISTIC ACID	544-63-8		900	ug/Kg	JN	Z
41593	4	6	FT	BH40419AE	NAPHTHALENE	91-20-3	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	NAPHTHALENE	91-20-3	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	NAPHTHALENE	91-20-3	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	NAPHTHALENE	91-20-3	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	NAPHTHALENE	91-20-3	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	NAPHTHALENE	91-20-3	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	NAPHTHALENE	91-20-3	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	NAPHTHALENE	91-20-3	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	NAPHTHALENE	91-20-3	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	NAPHTHALENE	91-20-3	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	NAPHTHALENE	91-20-3	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	NAPHTHALENE	91-20-3	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	NAPHTHALENE	91-20-3	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	NAPHTHALENE	91-20-3	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	NAPHTHALENE	91-20-3	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	NAPHTHALENE	91-20-3	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	NAPHTHALENE	91-20-3	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	NAPHTHALENE	91-20-3	330	350	ug/Kg	U	V
48195	0	2	FT	BH00101PE	NAPHTHALENE	91-20-3	760	59	ug/Kg	J	V
48195	4	6	FT	BH00103PE	NAPHTHALENE	91-20-3	660	660	ug/Kg	U	V
48195	2	4	FT	BH00102PE	NAPHTHALENE	91-20-3	790	790	ug/Kg	U	V
48295	2	4	FT	BH00105PE	NAPHTHALENE	91-20-3	770	98	ug/Kg	J	V
48295	0	2	FT	BH00104PE	NAPHTHALENE	91-20-3	740	390	ug/Kg	J	V
48295	4	6	FT	BH00106PE	NAPHTHALENE	91-20-3	790	790	ug/Kg	U	V
48395	4	5	FT	BH00109PE	NAPHTHALENE	91-20-3	750	93	ug/Kg	J	V
48395	0	2	FT	BH00107PE	NAPHTHALENE	91-20-3	810	140	ug/Kg	J	V
48395	2	4	FT	BH00108PE	NAPHTHALENE	91-20-3	660	660	ug/Kg	U	V
48295	0	2	FT	BH00104PE	n-DECANE	124-18-5		2000	ug/Kg	JN	V
48195	0	2	FT	BH00101PE	n-DODECANE	112-40-3		1000	ug/Kg	JN	V
48295	2	4	FT	BH00105PE	n-DODECANE	112-40-3		1000	ug/Kg	JN	V
48395	2	4	FT	BH00108PE	n-DODECANE	112-40-3		300	ug/Kg	JN	V
48395	0	2	FT	BH00107PE	n-DODECANE	112-40-3		2000	ug/Kg	JN	V
48395	4	5	FT	BH00109PE	n-DODECANE	112-40-3		2000	ug/Kg	JN	V
48395	2	4	FT	BH00108PE	n-HEXADECANE	544-76-3		400	ug/Kg	JN	V
48395	4	5	FT	BH00109PE	n-HEXADECANE	544-76-3		1000	ug/Kg	JN	V
41593	4	6	FT	BH40419AE	NITROBENZENE	98-95-3	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	NITROBENZENE	98-95-3	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	NITROBENZENE	98-95-3	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	NITROBENZENE	98-95-3	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	NITROBENZENE	98-95-3	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	NITROBENZENE	98-95-3	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	NITROBENZENE	98-95-3	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	NITROBENZENE	98-95-3	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	NITROBENZENE	98-95-3	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	NITROBENZENE	98-95-3	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	NITROBENZENE	98-95-3	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	NITROBENZENE	98-95-3	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	NITROBENZENE	98-95-3	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	NITROBENZENE	98-95-3	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	NITROBENZENE	98-95-3	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	NITROBENZENE	98-95-3	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	NITROBENZENE	98-95-3	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	NITROBENZENE	98-95-3	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	NITROBENZENE	98-95-3	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	NITROBENZENE	98-95-3	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	NITROBENZENE	98-95-3	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	NITROBENZENE	98-95-3	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	NITROBENZENE	98-95-3	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	NITROBENZENE	98-95-3	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	NITROBENZENE	98-95-3	660	660	ug/Kg	U	Z
48395	4	5	FT	BH00109PE	NITROBENZENE	98-95-3	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	NITROBENZENE	98-95-3	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	350	ug/Kg	U	V

392

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
[illegible]95	4	6	FT	BH00103PE	N-NITROSO-DI-n-PROPYLAMINE	621-64-7	660	660	ug/Kg	U	V
[illegible]195	0	2	FT	BH00101PE	N-NITROSO-DI-n-PROPYLAMINE	621-64-7	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	N-NITROSO-DI-n-PROPYLAMINE	621-64-7	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	N-NITROSO-DI-n-PROPYLAMINE	621-64-7	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	N-NITROSO-DI-n-PROPYLAMINE	621-64-7	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	N-NITROSO-DI-n-PROPYLAMINE	621-64-7	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	N-NITROSO-DI-n-PROPYLAMINE	621-64-7	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	N-NITROSO-DI-n-PROPYLAMINE	621-64-7	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	N-NITROSO-DI-n-PROPYLAMINE	621-64-7	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	N-NITROSODIPHENYLAMINE	86-30-6	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	N-NITROSODIPHENYLAMINE	86-30-6	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	N-NITROSODIPHENYLAMINE	86-30-6	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	N-NITROSODIPHENYLAMINE	86-30-6	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	N-NITROSODIPHENYLAMINE	86-30-6	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	N-NITROSODIPHENYLAMINE	86-30-6	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	N-NITROSODIPHENYLAMINE	86-30-6	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	N-NITROSODIPHENYLAMINE	86-30-6	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	N-NITROSODIPHENYLAMINE	86-30-6	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	N-NITROSODIPHENYLAMINE	86-30-6	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	N-NITROSODIPHENYLAMINE	86-30-6	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	N-NITROSODIPHENYLAMINE	86-30-6	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	N-NITROSODIPHENYLAMINE	86-30-6	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	N-NITROSODIPHENYLAMINE	86-30-6	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	N-NITROSODIPHENYLAMINE	86-30-6	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	N-NITROSODIPHENYLAMINE	86-30-6	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	N-NITROSODIPHENYLAMINE	86-30-6	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	N-NITROSODIPHENYLAMINE	86-30-6	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	N-NITROSODIPHENYLAMINE	86-30-6	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	N-NITROSODIPHENYLAMINE	86-30-6	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	N-NITROSODIPHENYLAMINE	86-30-6	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	N-NITROSODIPHENYLAMINE	86-30-6	740	67	ug/Kg	J	V
48295	2	4	FT	BH00105PE	N-NITROSODIPHENYLAMINE	86-30-6	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	N-NITROSODIPHENYLAMINE	86-30-6	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	N-NITROSODIPHENYLAMINE	86-30-6	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	N-NITROSODIPHENYLAMINE	86-30-6	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	N-NITROSODIPHENYLAMINE	86-30-6	810	810	ug/Kg	U	V
48195	0	2	FT	BH00101PE	n-TETRADECANE	629-59-4		2000	ug/Kg	JN	V
48295	0	2	FT	BH00104PE	n-TETRADECANE	629-59-4		3000	ug/Kg	JN	V
48395	0	2	FT	BH00107PE	n-TETRADECANE	629-59-4		3000	ug/Kg	JN	V
48395	4	5	FT	BH00109PE	n-TETRADECANE	629-59-4		3000	ug/Kg	JN	V
[illegible]295	2	4	FT	BH00105PE	n-UNDECANE	1120-21-4		2000	ug/Kg	JN	V
[illegible]95	4	5	FT	BH00109PE	n-UNDECANE	1120-21-4		1000	ug/Kg	JN	V
[illegible]95	0	2	FT	BH00107PE	n-UNDECANE	1120-21-4		2000	ug/Kg	JN	V
48295	4	6	FT	BH00106PE	OCTANE, 2-BROMO (2-BROMOOCTANE)	557-35-7		2000	ug/Kg	JN	V
48195	0	2	FT	BH00101PE	OXIRANE, TETRAMETHYL-	5076-20-0		1000	ug/Kg	JN	V
48295	4	6	FT	BH00106PE	OXIRANE, TETRAMETHYL-	5076-20-0		4000	ug/Kg	JN	V
41593	4	6	FT	BH40419AE	PALMITIC ACID	57-10-3		290	ug/Kg	J	Z
41593	4	6	FT	BH40419AE	P-BROMODIPHENYL ETHER	101-55-3	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	P-BROMODIPHENYL ETHER	101-55-3	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	P-BROMODIPHENYL ETHER	101-55-3	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	P-BROMODIPHENYL ETHER	101-55-3	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	P-BROMODIPHENYL ETHER	101-55-3	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	P-BROMODIPHENYL ETHER	101-55-3	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	P-BROMODIPHENYL ETHER	101-55-3	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	P-BROMODIPHENYL ETHER	101-55-3	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	P-BROMODIPHENYL ETHER	101-55-3	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	P-BROMODIPHENYL ETHER	101-55-3	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	P-BROMODIPHENYL ETHER	101-55-3	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	P-BROMODIPHENYL ETHER	101-55-3	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	P-BROMODIPHENYL ETHER	101-55-3	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	P-BROMODIPHENYL ETHER	101-55-3	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	P-BROMODIPHENYL ETHER	101-55-3	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	P-BROMODIPHENYL ETHER	101-55-3	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	P-BROMODIPHENYL ETHER	101-55-3	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	P-BROMODIPHENYL ETHER	101-55-3	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	p-BROMODIPHENYL ETHER	101-55-3	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	p-BROMODIPHENYL ETHER	101-55-3	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	p-BROMODIPHENYL ETHER	101-55-3	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	p-BROMODIPHENYL ETHER	101-55-3	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	p-BROMODIPHENYL ETHER	101-55-3	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	p-BROMODIPHENYL ETHER	101-55-3	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	p-BROMODIPHENYL ETHER	101-55-3	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	p-BROMODIPHENYL ETHER	101-55-3	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	p-BROMODIPHENYL ETHER	101-55-3	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	PENTACHLOROPHENOL	87-86-5	2200	2200	ug/Kg	U	V
42193	0	5	FT	BH40427AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
42293	1	6	FT	BH40253AE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	J
42493	0	5	FT	BH40440AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
42493	5	7	IN	SS40083AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
42593	0	5	FT	BH40448AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
43393	0	5	FT	BH40512AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
[illegible]493	5	10	FT	BH40322AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	Z
[illegible]93	0	5	FT	BH40319AE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	Z
[illegible]93	0	5	FT	BH40520AE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V

393

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46593	1	7	FT	BH40786AE	PENTACHLOROPHENOL	87-86-5	1600	1700	ug/Kg	U	V
46593	7	8	IN	SS40140AE	PENTACHLOROPHENOL	87-86-5	1600	1900	ug/Kg	U	J
46693	0	7	FT	BH40792AE	PENTACHLOROPHENOL	87-86-5	1600	1800	ug/Kg	U	V
46793	0	6	FT	BH40798AE	PENTACHLOROPHENOL	87-86-5	1600	1800	ug/Kg	U	V
46893	0	7	FT	BH40804AE	PENTACHLOROPHENOL	87-86-5	1600	1800	ug/Kg	U	V
46993	1	5	FT	BH40810AE	PENTACHLOROPHENOL	87-86-5	1600	1700	ug/Kg	U	V
46993	10	16	IN	SS40144AE	PENTACHLOROPHENOL	87-86-5	1600	1900	ug/Kg	U	V
47093	1	7	FT	BH40816AE	PENTACHLOROPHENOL	87-86-5	1600	1700	ug/Kg	U	V
48195	4	6	FT	BH00103PE	PENTACHLOROPHENOL	87-86-5	1700	1700	ug/Kg	U	V
48195	0	2	FT	BH00101PE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	V
48195	2	4	FT	BH00102PE	PENTACHLOROPHENOL	87-86-5	2000	2000	ug/Kg	U	V
48295	0	2	FT	BH00104PE	PENTACHLOROPHENOL	87-86-5	1800	1800	ug/Kg	U	V
48295	2	4	FT	BH00105PE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	V
48295	4	6	FT	BH00106PE	PENTACHLOROPHENOL	87-86-5	2000	2000	ug/Kg	U	J/UJ
48395	2	4	FT	BH00108PE	PENTACHLOROPHENOL	87-86-5	1700	1700	ug/Kg	U	J/UJ
48395	4	5	FT	BH00109PE	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	J/UJ
48395	0	2	FT	BH00107PE	PENTACHLOROPHENOL	87-86-5	2000	2000	ug/Kg	U	J/UJ
48195	0	2	FT	BH00101PE	PENTADECANE	629-62-9		1000	ug/Kg	JN	V
48295	0	2	FT	BH00104PE	PENTADECANE	629-62-9		800	ug/Kg	JN	V
48295	2	4	FT	BH00105PE	PENTADECANE	629-62-9		2000	ug/Kg	JN	V
48395	2	4	FT	BH00108PE	PENTADECANE	629-62-9		300	ug/Kg	JN	V
48395	0	2	FT	BH00107PE	PENTADECANE	629-62-9		2000	ug/Kg	JN	V
48395	4	5	FT	BH00109PE	PENTADECANE	629-62-9		2000	ug/Kg	JN	V
41593	4	6	FT	BH40419AE	PHENANTHRENE	85-01-8	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	PHENANTHRENE	85-01-8	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	PHENANTHRENE	85-01-8	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	PHENANTHRENE	85-01-8	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	PHENANTHRENE	85-01-8	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	PHENANTHRENE	85-01-8	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	PHENANTHRENE	85-01-8	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	PHENANTHRENE	85-01-8	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	PHENANTHRENE	85-01-8	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	PHENANTHRENE	85-01-8	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	PHENANTHRENE	85-01-8	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	PHENANTHRENE	85-01-8	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	PHENANTHRENE	85-01-8	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	PHENANTHRENE	85-01-8	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	PHENANTHRENE	85-01-8	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	PHENANTHRENE	85-01-8	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	PHENANTHRENE	85-01-8	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	PHENANTHRENE	85-01-8	330	350	ug/Kg	U	V
48195	0	2	FT	BH00101PE	PHENANTHRENE	85-01-8	760	27	ug/Kg	J	V
48195	4	6	FT	BH00103PE	PHENANTHRENE	85-01-8	660	660	ug/Kg	U	V
48195	2	4	FT	BH00102PE	PHENANTHRENE	85-01-8	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	PHENANTHRENE	85-01-8	740	88	ug/Kg	J	V
48295	2	4	FT	BH00105PE	PHENANTHRENE	85-01-8	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	PHENANTHRENE	85-01-8	790	790	ug/Kg	U	V
48395	0	2	FT	BH00107PE	PHENANTHRENE	85-01-8	810	25	ug/Kg	J	V
48395	2	4	FT	BH00108PE	PHENANTHRENE	85-01-8	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	PHENANTHRENE	85-01-8	750	750	ug/Kg	U	V
41593	4	6	FT	BH40419AE	PHENOL	108-95-2	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	PHENOL	108-95-2	360	59	ug/Kg	J	A
42293	1	6	FT	BH40253AE	PHENOL	108-95-2	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	PHENOL	108-95-2	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	PHENOL	108-95-2	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	PHENOL	108-95-2	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	PHENOL	108-95-2	360	360	ug/Kg	U	V
43493	5	10	FT	BH40322AE	PHENOL	108-95-2	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	PHENOL	108-95-2	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	PHENOL	108-95-2	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	PHENOL	108-95-2	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	PHENOL	108-95-2	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	PHENOL	108-95-2	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	PHENOL	108-95-2	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	PHENOL	108-95-2	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	PHENOL	108-95-2	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	PHENOL	108-95-2	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	PHENOL	108-95-2	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	PHENOL	108-95-2	660	660	ug/Kg	U	V
48195	0	2	FT	BH00101PE	PHENOL	108-95-2	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	PHENOL	108-95-2	790	790	ug/Kg	U	V
48295	0	2	FT	BH00104PE	PHENOL	108-95-2	740	740	ug/Kg	U	V
48295	2	4	FT	BH00105PE	PHENOL	108-95-2	770	770	ug/Kg	U	V
48295	4	6	FT	BH00106PE	PHENOL	108-95-2	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	PHENOL	108-95-2	660	660	ug/Kg	U	V
48395	4	5	FT	BH00109PE	PHENOL	108-95-2	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	PHENOL	108-95-2	810	810	ug/Kg	U	V
41593	4	6	FT	BH40419AE	PYRENE	129-00-0	440	440	ug/Kg	U	V
42193	0	5	FT	BH40427AE	PYRENE	129-00-0	360	360	ug/Kg	U	V
42293	1	6	FT	BH40253AE	PYRENE	129-00-0	390	390	ug/Kg	U	J
42493	5	7	IN	SS40083AE	PYRENE	129-00-0	350	350	ug/Kg	U	V
42493	0	5	FT	BH40440AE	PYRENE	129-00-0	360	360	ug/Kg	U	V
42593	0	5	FT	BH40448AE	PYRENE	129-00-0	360	360	ug/Kg	U	V
43393	0	5	FT	BH40512AE	PYRENE	129-00-0	360	360	ug/Kg	U	V

394

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43493	5	10	FT	BH40322AE	PYRENE	129-00-0	370	370	ug/Kg	U	Z
43493	0	5	FT	BH40319AE	PYRENE	129-00-0	380	380	ug/Kg	U	Z
43693	0	5	FT	BH40520AE	PYRENE	129-00-0	360	360	ug/Kg	U	V
46593	1	7	FT	BH40786AE	PYRENE	129-00-0	330	360	ug/Kg	U	V
46593	7	8	IN	SS40140AE	PYRENE	129-00-0	330	390	ug/Kg	U	J
46693	0	7	FT	BH40792AE	PYRENE	129-00-0	330	380	ug/Kg	U	V
46793	0	6	FT	BH40798AE	PYRENE	129-00-0	330	370	ug/Kg	U	V
46893	0	7	FT	BH40804AE	PYRENE	129-00-0	330	370	ug/Kg	U	V
46993	1	5	FT	BH40810AE	PYRENE	129-00-0	330	350	ug/Kg	U	V
46993	10	16	IN	SS40144AE	PYRENE	129-00-0	330	380	ug/Kg	U	V
47093	1	7	FT	BH40816AE	PYRENE	129-00-0	330	350	ug/Kg	U	V
48195	4	6	FT	BH00103PE	PYRENE	129-00-0	660	17	ug/Kg	J	V
48195	0	2	FT	BH00101PE	PYRENE	129-00-0	760	760	ug/Kg	U	V
48195	2	4	FT	BH00102PE	PYRENE	129-00-0	790	790	ug/Kg	U	V
48295	2	4	FT	BH00105PE	PYRENE	129-00-0	770	39	ug/Kg	J	V
48295	0	2	FT	BH00104PE	PYRENE	129-00-0	740	70	ug/Kg	J	V
48295	4	6	FT	BH00106PE	PYRENE	129-00-0	790	790	ug/Kg	U	V
48395	2	4	FT	BH00108PE	PYRENE	129-00-0	660	45	ug/Kg	J	V
48395	4	5	FT	BH00109PE	PYRENE	129-00-0	750	750	ug/Kg	U	V
48395	0	2	FT	BH00107PE	PYRENE	129-00-0	810	810	ug/Kg	U	J/UJ
05093	1	2	FT	BH00062AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	STYRENE	100-42-5	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	STYRENE	100-42-5	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	STYRENE	100-42-5	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	STYRENE	100-42-5	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	STYRENE	100-42-5	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	STYRENE	100-42-5	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	STYRENE	100-42-5	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	STYRENE	100-42-5	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	STYRENE	100-42-5	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	STYRENE	100-42-5	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	STYRENE	100-42-5	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	STYRENE	100-42-5	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	STYRENE	100-42-5	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	STYRENE	100-42-5	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	STYRENE	100-42-5	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	STYRENE	100-42-5	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	STYRENE	100-42-5	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	STYRENE	100-42-5	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	STYRENE	100-42-5	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	STYRENE	100-42-5	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	STYRENE	100-42-5	5	5	ug/Kg	U	V

395

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48295	4	6	FT	BH00106PE	STYRENE	100-42-5	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	STYRENE	100-42-5	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	STYRENE	100-42-5	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	STYRENE	100-42-5	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	STYRENE	100-42-5	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	STYRENE	100-42-5	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	STYRENE	100-42-5	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	STYRENE	100-42-5	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	STYRENE	100-42-5	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	STYRENE	100-42-5	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	STYRENE	100-42-5	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	STYRENE	100-42-5	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	STYRENE	100-42-5	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	STYRENE	100-42-5	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	STYRENE	100-42-5		25	ug/Kg	U	
05093	1	2	FT	BH00062AE	TCE	79-01-6	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	TCE	79-01-6	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	TCE	79-01-6	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	TCE	79-01-6	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	TCE	79-01-6	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	TCE	79-01-6	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	TCE	79-01-6	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	TCE	79-01-6	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	TCE	79-01-6	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	TCE	79-01-6	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	TCE	79-01-6	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	TCE	79-01-6	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	TCE	79-01-6	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	TCE	79-01-6	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	TCE	79-01-6	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	TCE	79-01-6	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	TCE	79-01-6	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	TCE	79-01-6	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	TCE	79-01-6	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	TCE	79-01-6	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	TCE	79-01-6	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	TCE	79-01-6	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	TCE	79-01-6	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	TCE	79-01-6	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	TCE	79-01-6	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	TCE	79-01-6	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	TCE	79-01-6	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	TCE	79-01-6	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	TCE	79-01-6	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	TCE	79-01-6	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	TCE	79-01-6	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	TCE	79-01-6	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	TCE	79-01-6	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	TCE	79-01-6	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	TCE	79-01-6	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	TCE	79-01-6	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	TCE	79-01-6	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	TCE	79-01-6	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	TCE	79-01-6	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	TCE	79-01-6	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	TCE	79-01-6	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	TCE	79-01-6	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	TCE	79-01-6	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	TCE	79-01-6	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	TCE	79-01-6	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	TCE	79-01-6	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	TCE	79-01-6	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	TCE	79-01-6	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	TCE	79-01-6	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	TCE	79-01-6	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	TCE	79-01-6	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	TCE	79-01-6	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	TCE	79-01-6	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	TCE	79-01-6	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	TCE	79-01-6	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	TCE	79-01-6	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	TCE	79-01-6	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	TCE	79-01-6	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	TCE	79-01-6	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	TCE	79-01-6	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	TCE	79-01-6	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	TCE	79-01-6	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	TCE	79-01-6	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	TCE	79-01-6	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	TCE	79-01-6	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	TCE	79-01-6	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	TCE	79-01-6	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	TCE	79-01-6	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	TCE	79-01-6	6	6	ug/Kg	U	V

396

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P210289	4	5	FT	SEP3189BR0406	TCE	79-01-6	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	TCE	79-01-6		9	ug/Kg	JB	
05093	1	2	FT	BH00062AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	TETRACHLOROETHENE	127-18-4	6	2	ug/Kg	J	A
40693	1	2	FT	BH40151AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	TETRACHLOROETHENE	127-18-4	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	TETRACHLOROETHENE	127-18-4	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	TETRACHLOROETHENE	127-18-4	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	TETRACHLOROETHENE	127-18-4	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	TETRACHLOROETHENE	127-18-4	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	TETRACHLOROETHENE	127-18-4	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	TETRACHLOROETHENE	127-18-4	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	TETRACHLOROETHENE	127-18-4	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	TETRACHLOROETHENE	127-18-4	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	TETRACHLOROETHENE	127-18-4	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	TETRACHLOROETHENE	127-18-4	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	TETRACHLOROETHENE	127-18-4	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	TETRACHLOROETHENE	127-18-4	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	TETRACHLOROETHENE	127-18-4	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	TETRACHLOROETHENE	127-18-4	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	TETRACHLOROETHENE	127-18-4		25	ug/Kg	U	
05093	5	6	FT	BH00063AE	TOLUENE	108-88-3	5	74	ug/Kg		V
05093	1	2	FT	BH00062AE	TOLUENE	108-88-3	5	200	ug/Kg		V
05193	1	1	FT	BH00067AE	TOLUENE	108-88-3	6	120	ug/Kg		V

397

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
5393	2	2	FT	BH00077AE	TOLUENE	108-88-3	5	2	ug/Kg	J	A
40093	1	2	FT	BH40168AE	TOLUENE	108-88-3	6	130	ug/Kg		V
40093	4	5	FT	BH40169AE	TOLUENE	108-88-3	6	170	ug/Kg		V
40293	2	2	FT	BH40119AE	TOLUENE	108-88-3	6	13	ug/Kg		V
40393	2	2	FT	BH40124AE	TOLUENE	108-88-3	6	110	ug/Kg		V
40693	1	2	FT	BH40151AE	TOLUENE	108-88-3	6	110	ug/Kg		V
40793	5	6	FT	BH40159AE	TOLUENE	108-88-3	6	150	ug/Kg		V
40793	1	2	FT	BH40158AE	TOLUENE	108-88-3	32	1200	ug/Kg		V
40893	4	5	FT	BH40032AE	TOLUENE	108-88-3	5	72	ug/Kg		V
40893	1	1	FT	BH40031AE	TOLUENE	108-88-3	5	1100	ug/Kg		V
40993	5	6	FT	BH40203AE	TOLUENE	108-88-3	5	71	ug/Kg		V
40993	1	2	FT	BH40202AE	TOLUENE	108-88-3	6	130	ug/Kg		V
41193	1	2	FT	BH40050AE	TOLUENE	108-88-3	6	21	ug/Kg		V
41293	1	2	FT	BH40197AE	TOLUENE	108-88-3	28	180	ug/Kg		V
41593	5	5	FT	BH40211AE	TOLUENE	108-88-3	5	97	ug/Kg		V
41693	2	2	FT	BH40218AE	TOLUENE	108-88-3	5	96	ug/Kg		V
41793	5	6	FT	BH40245AE	TOLUENE	108-88-3	6	89	ug/Kg		V
41793	2	3	FT	BH40244AE	TOLUENE	108-88-3	5	140	ug/Kg		V
41993	5	5	FT	BH40064AE	TOLUENE	108-88-3	5	18	ug/Kg		V
41993	2	2	FT	BH40063AE	TOLUENE	108-88-3	5	210	ug/Kg		V
42093	1	2	FT	BH40484AE	TOLUENE	108-88-3	29	260	ug/Kg		V
42193	1	2	FT	BH40436AE	TOLUENE	108-88-3	12	180	ug/Kg		V
42293	4	4	FT	BH40254AE	TOLUENE	108-88-3	6	18	ug/Kg		J
42393	1	1	FT	BH40262AE	TOLUENE	108-88-3	6	36	ug/Kg		V
42493	5	5	FT	BH40284AE	TOLUENE	108-88-3	5	12	ug/Kg		V
42493	2	3	FT	BH40283AE	TOLUENE	108-88-3	6	150	ug/Kg		V
42593	5	6	FT	BH40292AE	TOLUENE	108-88-3	5	56	ug/Kg		V
42993	1	2	FT	BH40143AE	TOLUENE	108-88-3	5	3	ug/Kg	J	A
42993	5	6	FT	BH40145AE	TOLUENE	108-88-3	6	68	ug/Kg		V
43193	2	2	FT	BH40307AE	TOLUENE	108-88-3	11	200	ug/Kg		V
43393	2	2	FT	BH40325AE	TOLUENE	108-88-3	5	38	ug/Kg		V
43393	5	6	FT	BH40326AE	TOLUENE	108-88-3	6	86	ug/Kg		V
43493	2	2	FT	BH40320AE	TOLUENE	108-88-3	6	42	ug/Kg		V
43493	5	6	FT	BH40321AE	TOLUENE	108-88-3	6	160	ug/Kg		V
43693	3	3	FT	BH40341AE	TOLUENE	108-88-3	6	7	ug/Kg		V
43793	1	1	FT	BH40333AE	TOLUENE	108-88-3	5	84	ug/Kg		V
43793	5	6	FT	BH40334AE	TOLUENE	108-88-3	6	150	ug/Kg		V
43893	1	1	FT	BH40071AE	TOLUENE	108-88-3	6	37	ug/Kg		V
43993	5	5	FT	BH40355AE	TOLUENE	108-88-3	5	15	ug/Kg		V
43993	1	1	FT	BH40354AE	TOLUENE	108-88-3	6	73	ug/Kg		V
44093	1	2	FT	BH40349AE	TOLUENE	108-88-3	12	150	ug/Kg		V
44393	5	6	FT	BH40035AE	TOLUENE	108-88-3	12	300	ug/Kg		V
44393	1	1	FT	BH40034AE	TOLUENE	108-88-3	28	780	ug/Kg		V
44893	2	2	FT	BH40190AE	TOLUENE	108-88-3	6	110	ug/Kg		V
45693	5	6	FT	BH40376AE	TOLUENE	108-88-3	6	110	ug/Kg		V
45693	1	1	FT	BH40375AE	TOLUENE	108-88-3	7	120	ug/Kg		V
45793	5	6	FT	BH40560AE	TOLUENE	108-88-3	6	86	ug/Kg		V
45893	5	5	FT	BH40379AE	TOLUENE	108-88-3	6	48	ug/Kg		V
45893	2	2	FT	BH40378AE	TOLUENE	108-88-3	6	120	ug/Kg		V
46193	0	1	FT	BH40386AE	TOLUENE	108-88-3	30	360	ug/Kg		V
46293	2	3	FT	BH40566AE	TOLUENE	108-88-3	6	160	ug/Kg		V
46593	2	2	FT	BH40701AE	TOLUENE	108-88-3	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	TOLUENE	108-88-3	5	130	ug/Kg		V
46793	1	2	FT	BH40730AE	TOLUENE	108-88-3	5	61	ug/Kg		V
46893	1	2	FT	BH40744AE	TOLUENE	108-88-3	5	110	ug/Kg		V
46993	3	3	FT	BH40758AE	TOLUENE	108-88-3	5	32	ug/Kg		V
48195	0	2	FT	BH00101PE	TOLUENE	108-88-3	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	TOLUENE	108-88-3	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	TOLUENE	108-88-3	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	TOLUENE	108-88-3	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	TOLUENE	108-88-3	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	TOLUENE	108-88-3	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	TOLUENE	108-88-3	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	TOLUENE	108-88-3	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	TOLUENE	108-88-3	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	TOLUENE	108-88-3	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	TOLUENE	108-88-3	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	TOLUENE	108-88-3	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	TOLUENE	108-88-3		25	ug/Kg	U	
48195	4	6	FT	BH00103PE	TOTAL ORGANIC CARBON	10-35-5	25	707	ug/g		Y
48195	2	4	FT	BH00102PE	TOTAL ORGANIC CARBON	10-35-5	25	875	ug/g		Y
48195	0	2	FT	BH00101PE	TOTAL ORGANIC CARBON	10-35-5	25	7040	ug/g		Y
48295	4	6	FT	BH00106PE	TOTAL ORGANIC CARBON	10-35-5	25	566	ug/g		Y
48295	0	2	FT	BH00104PE	TOTAL ORGANIC CARBON	10-35-5	25	2650	ug/g		Y
48295	2	4	FT	BH00105PE	TOTAL ORGANIC CARBON	10-35-5	25	2710	ug/g		Y
48395	0	2	FT	BH00107PE	TOTAL ORGANIC CARBON	10-35-5	25	5640	ug/g		Y
48395	2	4	FT	BH00108PE	TOTAL ORGANIC CARBON	10-35-5	25	7510	ug/g		Y

398

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48195	0	2	FT	BH00101PE	TOTAL XYLENES	1330-20-7	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	TOTAL XYLENES	1330-20-7	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	TOTAL XYLENES	1330-20-7	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	TOTAL XYLENES	1330-20-7	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	TOTAL XYLENES	1330-20-7	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	TOTAL XYLENES	1330-20-7	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	TOTAL XYLENES	1330-20-7	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	TOTAL XYLENES	1330-20-7	5	5	ug/Kg	U	V
41593	4	6	FT	BH40419AE	TOXAPHENE	8001-35-2	210	210	ug/Kg	U	V
42193	0	5	FT	BH40427AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	U	V
42293	1	6	FT	BH40253AE	TOXAPHENE	8001-35-2	190	190	ug/Kg	U	V
42493	0	5	FT	BH40440AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	U	V
43393	0	5	FT	BH40512AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	U	V
43493	0	5	FT	BH40319AE	TOXAPHENE	8001-35-2	180	180	ug/Kg	U	V
43493	5	10	FT	BH40322AE	TOXAPHENE	8001-35-2	180	180	ug/Kg	U	V
43693	0	5	FT	BH40520AE	TOXAPHENE	8001-35-2	170	170	ug/Kg	U	V
46593	1	7	FT	BH40786AE	TOXAPHENE	8001-35-2	160	170	ug/Kg	U	V
46593	7	8	IN	SS40140AE	TOXAPHENE	8001-35-2	160	190	ug/Kg	U	J
46693	0	7	FT	BH40792AE	TOXAPHENE	8001-35-2	160	190	ug/Kg	U	V
46793	0	6	FT	BH40798AE	TOXAPHENE	8001-35-2	160	180	ug/Kg	U	V
46893	0	7	FT	BH40804AE	TOXAPHENE	8001-35-2	160	180	ug/Kg	U	V
46993	1	5	FT	BH40810AE	TOXAPHENE	8001-35-2	160	170	ug/Kg	U	V
46993	10	16	IN	SS40144AE	TOXAPHENE	8001-35-2	160	180	ug/Kg	U	V
47093	1	7	FT	BH40816AE	TOXAPHENE	8001-35-2	160	170	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	TOXAPHENE	8001-35-2	40	40	ug/Kg	U	
SP0387	2	4	FT	SP038702DH	TRANS-1,2-DICHLOROETHENE	156-60-5		25	ug/Kg	U	
05093	1	2	FT	BH00062AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V

399

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46993	3	3	FT	BH40758AE	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
48195	0	2	FT	BH00101PE	trans-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	trans-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	trans-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	trans-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	trans-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	trans-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	trans-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	trans-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	TRANS-1,3-DICHLOROPROPENE	10061-02-6	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	TRANS-1,3-DICHLOROPROPENE	10061-02-6	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	TRANS-1,3-DICHLOROPROPENE	10061-02-6		25	ug/Kg	U	
41593	4	6	FT	BH40419AE	TRIBUTYL PHOSPHATE	126-73-8	440	440	ug/Kg	U	V
42493	5	7	IN	SS40083AE	TRIBUTYL PHOSPHATE	126-73-8	350	350	ug/Kg	U	V
42593	0	5	FT	BH40448AE	TRIBUTYL PHOSPHATE	126-73-8	360	360	ug/Kg	U	V
48195	0	2	FT	BH00101PE	TRICHLOROETHENE	79-01-6	5	5	ug/Kg	U	V
48195	2	4	FT	BH00102PE	TRICHLOROETHENE	79-01-6	5	5	ug/Kg	U	V
48195	4	6	FT	BH00103PE	TRICHLOROETHENE	79-01-6	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	TRICHLOROETHENE	79-01-6	5	5	ug/Kg	U	V
48295	2	4	FT	BH00105PE	TRICHLOROETHENE	79-01-6	5	5	ug/Kg	U	V
48295	4	6	FT	BH00106PE	TRICHLOROETHENE	79-01-6	5	5	ug/Kg	U	V
48395	0	2	FT	BH00107PE	TRICHLOROETHENE	79-01-6	5	5	ug/Kg	U	V
48395	4	5	FT	BH00109PE	TRICHLOROETHENE	79-01-6	5	5	ug/Kg	U	V
48295	0	2	FT	BH00104PE	TRIDECANE	629-50-5		4000	ug/Kg	JN	V
48295	0	2	FT	BH00104PE	UNDECANE, 2,6-DIMETHYL-	17301-23-4		1000	ug/Kg	JN	V
05393	2	2	FT	BH00077AE	VINYL ACETATE	108-05-4	10	10	ug/Kg	U	V
40093	1	2	FT	BH40168AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
40093	4	5	FT	BH40169AE	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
40293	2	2	FT	BH40119AE	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
40393	2	2	FT	BH40124AE	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
40693	1	2	FT	BH40151AE	VINYL ACETATE	108-05-4	13	13	ug/Kg	U	V
40793	5	6	FT	BH40159AE	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
40793	1	2	FT	BH40158AE	VINYL ACETATE	108-05-4	64	64	ug/Kg	U	V
40893	4	5	FT	BH40032AE	VINYL ACETATE	108-05-4	10	11	ug/Kg	U	V
40893	1	1	FT	BH40031AE	VINYL ACETATE	108-05-4	10	58	ug/Kg	U	V
40993	1	2	FT	BH40202AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
40993	5	6	FT	BH40203AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
41193	1	2	FT	BH40050AE	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
41293	1	2	FT	BH40197AE	VINYL ACETATE	108-05-4	56	56	ug/Kg	U	V
41593	5	5	FT	BH40211AE	VINYL ACETATE	108-05-4	10	10	ug/Kg	U	V
41693	2	2	FT	BH40218AE	VINYL ACETATE	108-05-4	10	10	ug/Kg	U	V
41793	2	3	FT	BH40244AE	VINYL ACETATE	108-05-4	10	10	ug/Kg	U	V
41793	5	6	FT	BH40245AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
41993	2	2	FT	BH40063AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
41993	5	5	FT	BH40064AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
42093	1	2	FT	BH40484AE	VINYL ACETATE	108-05-4	57	57	ug/Kg	U	V
42193	1	2	FT	BH40436AE	VINYL ACETATE	108-05-4	24	24	ug/Kg	U	V
42293	4	4	FT	BH40254AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	J
42393	1	1	FT	BH40262AE	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
42493	5	5	FT	BH40284AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
42493	2	3	FT	BH40283AE	VINYL ACETATE	108-05-4	13	13	ug/Kg	U	V
42593	5	6	FT	BH40292AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
42993	1	2	FT	BH40143AE	VINYL ACETATE	108-05-4	10	10	ug/Kg	U	V
42993	5	6	FT	BH40145AE	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
43193	2	2	FT	BH40307AE	VINYL ACETATE	108-05-4	21	21	ug/Kg	U	V
43393	2	2	FT	BH40325AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
43393	5	6	FT	BH40326AE	VINYL ACETATE	108-05-4	13	13	ug/Kg	U	V
43493	2	2	FT	BH40320AE	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
43493	5	6	FT	BH40321AE	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
43693	3	3	FT	BH40341AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
43793	1	1	FT	BH40333AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
43793	5	6	FT	BH40334AE	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
43893	1	1	FT	BH40071AE	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
43993	1	1	FT	BH40354AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
43993	5	5	FT	BH40355AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
44093	1	2	FT	BH40349AE	VINYL ACETATE	108-05-4	23	23	ug/Kg	U	V
44393	5	6	FT	BH40035AE	VINYL ACETATE	108-05-4	25	25	ug/Kg	U	V
44393	1	1	FT	BH40034AE	VINYL ACETATE	108-05-4	57	57	ug/Kg	U	V
44893	2	2	FT	BH40190AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
45693	5	6	FT	BH40376AE	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
45693	1	1	FT	BH40375AE	VINYL ACETATE	108-05-4	13	13	ug/Kg	U	V
45793	5	6	FT	BH40560AE	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
45893	2	2	FT	BH40378AE	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
45893	5	5	FT	BH40379AE	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
46193	0	1	FT	BH40386AE	VINYL ACETATE	108-05-4	60	60	ug/Kg	U	V

400

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46293	2	3	FT	BH40566AE	VINYL ACETATE	108-05-4	13	13	ug/Kg	U	V
46593	2	2	FT	BH40701AE	VINYL ACETATE	108-05-4	10	11	ug/Kg	U	V
46693	1	1	FT	BH40716AE	VINYL ACETATE	108-05-4	10	13	ug/Kg	U	V
46793	1	2	FT	BH40730AE	VINYL ACETATE	108-05-4	10	13	ug/Kg	U	V
46893	1	2	FT	BH40744AE	VINYL ACETATE	108-05-4	10	11	ug/Kg	U	V
46993	3	3	FT	BH40758AE	VINYL ACETATE	108-05-4	10	11	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	VINYL ACETATE	108-05-4	1300	1300	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	VINYL ACETATE	108-05-4	1400	1400	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	VINYL ACETATE	108-05-4		50	ug/Kg	U	
05093	1	2	FT	BH00062AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
05093	5	6	FT	BH00063AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
05193	1	1	FT	BH00067AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
05393	2	2	FT	BH00077AE	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	V
40093	1	2	FT	BH40168AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
40093	4	5	FT	BH40169AE	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
40293	2	2	FT	BH40119AE	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
40393	2	2	FT	BH40124AE	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
40693	1	2	FT	BH40151AE	VINYL CHLORIDE	75-01-4	13	13	ug/Kg	U	V
40793	5	6	FT	BH40159AE	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
40793	1	2	FT	BH40158AE	VINYL CHLORIDE	75-01-4	64	64	ug/Kg	U	V
40893	4	5	FT	BH40032AE	VINYL CHLORIDE	75-01-4	10	11	ug/Kg	U	V
40893	1	1	FT	BH40031AE	VINYL CHLORIDE	75-01-4	10	58	ug/Kg	U	V
40993	1	2	FT	BH40202AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
40993	5	6	FT	BH40203AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
41193	1	2	FT	BH40050AE	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
41293	1	2	FT	BH40197AE	VINYL CHLORIDE	75-01-4	56	56	ug/Kg	U	V
41593	5	5	FT	BH40211AE	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	V
41693	2	2	FT	BH40218AE	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	V
41793	2	3	FT	BH40244AE	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	V
41793	5	6	FT	BH40245AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
41993	2	2	FT	BH40063AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
41993	5	5	FT	BH40064AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
42093	1	2	FT	BH40484AE	VINYL CHLORIDE	75-01-4	57	57	ug/Kg	U	V
42193	1	2	FT	BH40436AE	VINYL CHLORIDE	75-01-4	24	24	ug/Kg	U	V
42293	4	4	FT	BH40254AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	J
42393	1	1	FT	BH40262AE	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
42493	5	5	FT	BH40284AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
42493	2	3	FT	BH40283AE	VINYL CHLORIDE	75-01-4	13	13	ug/Kg	U	V
42593	5	6	FT	BH40292AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
42993	1	2	FT	BH40143AE	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	V
42993	5	6	FT	BH40145AE	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
43193	2	2	FT	BH40307AE	VINYL CHLORIDE	75-01-4	21	21	ug/Kg	U	V
43393	2	2	FT	BH40325AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
43393	5	6	FT	BH40326AE	VINYL CHLORIDE	75-01-4	13	13	ug/Kg	U	V
43493	2	2	FT	BH40320AE	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
43493	5	6	FT	BH40321AE	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
43693	3	3	FT	BH40341AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
43793	1	1	FT	BH40333AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
43793	5	6	FT	BH40334AE	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
43893	1	1	FT	BH40071AE	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
43993	1	1	FT	BH40354AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
43993	5	5	FT	BH40355AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
44093	1	2	FT	BH40349AE	VINYL CHLORIDE	75-01-4	23	23	ug/Kg	U	V
44393	5	6	FT	BH40035AE	VINYL CHLORIDE	75-01-4	25	25	ug/Kg	U	V
44393	1	1	FT	BH40034AE	VINYL CHLORIDE	75-01-4	57	57	ug/Kg	U	V
44893	2	2	FT	BH40190AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
45693	5	6	FT	BH40376AE	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
45693	1	1	FT	BH40375AE	VINYL CHLORIDE	75-01-4	13	13	ug/Kg	U	V
45793	5	6	FT	BH40560AE	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
45893	2	2	FT	BH40378AE	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
45893	5	5	FT	BH40379AE	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
46193	0	1	FT	BH40386AE	VINYL CHLORIDE	75-01-4	60	60	ug/Kg	U	V
46293	2	3	FT	BH40566AE	VINYL CHLORIDE	75-01-4	13	13	ug/Kg	U	V
46593	2	2	FT	BH40701AE	VINYL CHLORIDE	75-01-4	10	11	ug/Kg	U	V
46693	1	1	FT	BH40716AE	VINYL CHLORIDE	75-01-4	10	13	ug/Kg	U	V
46793	1	2	FT	BH40730AE	VINYL CHLORIDE	75-01-4	10	13	ug/Kg	U	V
46893	1	2	FT	BH40744AE	VINYL CHLORIDE	75-01-4	10	11	ug/Kg	U	V
46993	3	3	FT	BH40758AE	VINYL CHLORIDE	75-01-4	10	11	ug/Kg	U	V
48195	0	2	FT	BH00101PE	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	J/UJ
48195	2	4	FT	BH00102PE	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	J/UJ
48195	4	6	FT	BH00103PE	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	J/UJ
48295	0	2	FT	BH00104PE	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	J/UJ
48295	2	4	FT	BH00105PE	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	J/UJ
48295	4	6	FT	BH00106PE	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	V
48395	0	2	FT	BH00107PE	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	V

2401

Table A.7 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Organics

LOCATION CODE	DEPTH START	DEPTH END	UNIT CODE	SAMPLE NUMBER	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48395	4	5	FT	BH00109PE	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	VINYL CHLORIDE	75-01-4	1300	1300	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	VINYL CHLORIDE	75-01-4	1400	1400	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	VINYL CHLORIDE	75-01-4		50	ug/Kg	U	
05093	1	2	FT	BH00062AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
05093	5	6	FT	BH00063AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
05193	1	1	FT	BH00067AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
05393	2	2	FT	BH00077AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
40093	1	2	FT	BH40168AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
40093	4	5	FT	BH40169AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
40293	2	2	FT	BH40119AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
40393	2	2	FT	BH40124AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
40693	1	2	FT	BH40151AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
40793	5	6	FT	BH40159AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
40793	1	2	FT	BH40158AE	XYLENES (TOTAL)	1330-20-7	32	32	ug/Kg	U	V
40893	4	5	FT	BH40032AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
40893	1	1	FT	BH40031AE	XYLENES (TOTAL)	1330-20-7	5	29	ug/Kg	U	V
40993	5	6	FT	BH40203AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
40993	1	2	FT	BH40202AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
41193	1	2	FT	BH40050AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
41293	1	2	FT	BH40197AE	XYLENES (TOTAL)	1330-20-7	28	28	ug/Kg	U	V
41593	5	5	FT	BH40211AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
41693	2	2	FT	BH40218AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
41793	2	3	FT	BH40244AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
41793	5	6	FT	BH40245AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
41993	2	2	FT	BH40063AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
41993	5	5	FT	BH40064AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
42093	1	2	FT	BH40484AE	XYLENES (TOTAL)	1330-20-7	29	29	ug/Kg	U	V
42193	1	2	FT	BH40436AE	XYLENES (TOTAL)	1330-20-7	12	12	ug/Kg	U	V
42293	4	4	FT	BH40254AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	J
42393	1	1	FT	BH40262AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
42493	5	5	FT	BH40284AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
42493	2	3	FT	BH40283AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
42593	5	6	FT	BH40292AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
42993	1	2	FT	BH40143AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
42993	5	6	FT	BH40145AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
43193	2	2	FT	BH40307AE	XYLENES (TOTAL)	1330-20-7	11	11	ug/Kg	U	V
43393	2	2	FT	BH40325AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
43393	5	6	FT	BH40326AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
43493	2	2	FT	BH40320AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
43493	5	6	FT	BH40321AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
43693	3	3	FT	BH40341AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
43793	1	1	FT	BH40333AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
43793	5	6	FT	BH40334AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
43893	1	1	FT	BH40071AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
43993	5	5	FT	BH40355AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
43993	1	1	FT	BH40354AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
44093	1	2	FT	BH40349AE	XYLENES (TOTAL)	1330-20-7	12	12	ug/Kg	U	V
44393	5	6	FT	BH40035AE	XYLENES (TOTAL)	1330-20-7	12	12	ug/Kg	U	V
44393	1	1	FT	BH40034AE	XYLENES (TOTAL)	1330-20-7	28	28	ug/Kg	U	V
44893	2	2	FT	BH40190AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
45693	5	6	FT	BH40376AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
45693	1	1	FT	BH40375AE	XYLENES (TOTAL)	1330-20-7	7	7	ug/Kg	U	V
45793	5	6	FT	BH40560AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
45893	2	2	FT	BH40378AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
45893	5	5	FT	BH40379AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
46193	0	1	FT	BH40386AE	XYLENES (TOTAL)	1330-20-7	30	30	ug/Kg	U	V
46293	2	3	FT	BH40566AE	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
46593	2	2	FT	BH40701AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
46693	1	1	FT	BH40716AE	XYLENES (TOTAL)	1330-20-7	5	6	ug/Kg	U	V
46793	1	2	FT	BH40730AE	XYLENES (TOTAL)	1330-20-7	5	6	ug/Kg	U	V
46893	1	2	FT	BH40744AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
46993	3	3	FT	BH40758AE	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
P208989	5	7	FT	SEP1789BR0406	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P209189	0	1	FT	SEP1989BR0002	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P209189	4	6	FT	SEP1989BR0406	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P209489	4	5	FT	SEP2289BR0406	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
P209489	0	1	FT	SEP2289BR0002	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P209889	0	2	FT	SEP2689BR0002	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P209889	4	6	FT	SEP2689BR0406	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P210189	0	2	FT	SEP3089BR0002	XYLENES (TOTAL)	1330-20-7	650	650	ug/Kg	U	A
P210189	5	7	FT	SEP3089BR0406	XYLENES (TOTAL)	1330-20-7	720	720	ug/Kg	U	V
P210289	0	2	FT	SEP3189BR0002	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P210289	4	5	FT	SEP3189BR0406	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
SP0387	2	4	FT	SP038702DH	XYLENES (TOTAL)	1330-20-7		25	ug/Kg	U	

402

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48195	BH00101PE	0	2	FT	AMERICIUM-241	14596-10-2	0.012	0.852	pCi/g		V
48195	BH00102PE	2	4	FT	AMERICIUM-241	14596-10-2	0.018	0.308	pCi/g		V
48195	BH00103PE	4	6	FT	AMERICIUM-241	14596-10-2	0.018	0.557	pCi/g		V
48295	BH00104PE	0	2	FT	AMERICIUM-241	14596-10-2	0.003	0.646	pCi/g		V
48295	BH00105PE	2	4	FT	AMERICIUM-241	14596-10-2	0.006	0.561	pCi/g		V
48295	BH00106PE	4	6	FT	AMERICIUM-241	14596-10-2	0.018	0.598	pCi/g		V
48395	BH00107PE	0	2	FT	AMERICIUM-241	14596-10-2	0.009	0.238	pCi/g		V
48395	BH00108PE	2	4	FT	AMERICIUM-241	14596-10-2	0.031	0.775	pCi/g		V
48395	BH00109PE	4	5	FT	AMERICIUM-241	14596-10-2	0.031	0.753	pCi/g		V
41193	BH40049AE	0	6	FT	AMERICIUM-241	14596-10-2	0.002	0.29	pCi/g	B	V
41993	BH40062AE	0	6	FT	AMERICIUM-241	14596-10-2	0.01	0.28	pCi/g		A
43893	BH40070AE	0	6	FT	AMERICIUM-241	14596-10-2	0.008	1.4	pCi/g	B	V
41293	BH40196AE	0	3	FT	AMERICIUM-241	14596-10-2	0.002	0.35	pCi/g		A
40993	BH40201AE	0	5	FT	AMERICIUM-241	14596-10-2	0.003	0.25	pCi/g		V
41693	BH40217AE	0	5	FT	AMERICIUM-241	14596-10-2	0.005	2.7	pCi/g		A
41793	BH40243AE	0	5	FT	AMERICIUM-241	14596-10-2	0.019	2.1	pCi/g		A
42293	BH40253AE	1	6	FT	AMERICIUM-241	14596-10-2	0.00223233	0.0759	pCi/g		V
42393	BH40261AE	0	5	FT	AMERICIUM-241	14596-10-2	0.006	0.69	pCi/g		V
43193	BH40306AE	0	5	FT	AMERICIUM-241	14596-10-2	0.005	0.9	pCi/g		A
43493	BH40319AE	0	5	FT	AMERICIUM-241	14596-10-2	0.00233495	0.0302	pCi/g		V
43493	BH40322AE	5	10	FT	AMERICIUM-241	14596-10-2	0.00427188	0.007935	pCi/g		V
43793	BH40332AE	0	5	FT	AMERICIUM-241	14596-10-2	0.007	6.1	pCi/g		A
44093	BH40348AE	0	6	FT	AMERICIUM-241	14596-10-2	0.006	1.8	pCi/g		V
43993	BH40353AE	0	5	FT	AMERICIUM-241	14596-10-2	0.002	0.2643	pCi/g		A
41593	BH40417AE	0	2	FT	AMERICIUM-241	14596-10-2	0.005	0.5	pCi/g		V
41593	BH40418AE	2	4	FT	AMERICIUM-241	14596-10-2	0.011	0.12	pCi/g		V
41593	BH40419AE	4	6	FT	AMERICIUM-241	14596-10-2	0.004	0.009	pCi/g	J	V
42193	BH40425AE	0	2	FT	AMERICIUM-241	14596-10-2	0.007	0.088	pCi/g		A
42193	BH40426AE	0	4	FT	AMERICIUM-241	14596-10-2	0.01	-0.003	pCi/g	U	A
42193	BH40427AE	0	5	FT	AMERICIUM-241	14596-10-2	0.003	0.005	pCi/g	J	A
42493	BH40438AE	0	2	FT	AMERICIUM-241	14596-10-2	0.062	1.1	pCi/g		V
42493	BH40439AE	0	4	FT	AMERICIUM-241	14596-10-2	0.011	0.17	pCi/g		V
42493	BH40440AE	0	5	FT	AMERICIUM-241	14596-10-2	0.009	0.006	pCi/g	U	V
42493	BH40441AE	4	8	FT	AMERICIUM-241	14596-10-2	0.011	0	pCi/g	U	V
42593	BH40446AE	0	2	FT	AMERICIUM-241	14596-10-2	0.005	0.028	pCi/g		V
42593	BH40447AE	0	4	FT	AMERICIUM-241	14596-10-2	0.005	-0.001	pCi/g	U	V
42593	BH40448AE	0	5	FT	AMERICIUM-241	14596-10-2	0.002	0.002	pCi/g	BJ	V
42593	BH40449AE	4	8	FT	AMERICIUM-241	14596-10-2	0.005	0.011	pCi/g	J	V
43393	BH40510AE	0	2	FT	AMERICIUM-241	14596-10-2	0.002	0.021	pCi/g		A
43393	BH40511AE	0	4	FT	AMERICIUM-241	14596-10-2	0.002	0.008	pCi/g	J	A
43393	BH40512AE	0	5	FT	AMERICIUM-241	14596-10-2	0.007	-0.002	pCi/g	U	A
43393	BH40517AE	5	8	FT	AMERICIUM-241	14596-10-2	0.002	0.005	pCi/g	J	A
43693	BH40518AE	0	2	FT	AMERICIUM-241	14596-10-2	0.00472225	2.48	pCi/g		A
43693	BH40519AE	0	4	FT	AMERICIUM-241	14596-10-2	0.00537443	0.005824	pCi/g		A
43693	BH40520AE	0	5	FT	AMERICIUM-241	14596-10-2	0.00482017	0.003358	pCi/g	U	A
46593	BH40700AE	1	3	FT	AMERICIUM-241	14596-10-2	0.00556516	0.4892	pCi/g		A
46593	BH40702AE	3	5	FT	AMERICIUM-241	14596-10-2	0.0043879	0.01606	pCi/g		V
46593	BH40703AE	5	7	FT	AMERICIUM-241	14596-10-2	0.00644167	0.004647	pCi/g	U	A
46593	BH40705AE	5	9	FT	AMERICIUM-241	14596-10-2	0.00483327	0.008731	pCi/g		A
46693	BH40715AE	0	2	FT	AMERICIUM-241	14596-10-2	0.0136	1.494	pCi/g		V
46693	BH40715AE	0	2	FT	AMERICIUM-241	14596-10-2	0.00459983	1.8	pCi/g		Z
46693	BH40717AE	2	4	FT	AMERICIUM-241	14596-10-2	0.00431559	0.1607	pCi/g		V
46693	BH40718AE	5	7	FT	AMERICIUM-241	14596-10-2	0.00460856	0.01442	pCi/g		A
46793	BH40729AE	0	2	FT	AMERICIUM-241	14596-10-2	0.00506497	0.1672	pCi/g		V
46793	BH40731AE	2	4	FT	AMERICIUM-241	14596-10-2	0.00603612	0.006169	pCi/g		V
46793	BH40732AE	4	6	FT	AMERICIUM-241	14596-10-2	0.00500856	0.0217	pCi/g		V
46893	BH40743AE	0	2	FT	AMERICIUM-241	14596-10-2	0.00415082	0.01655	pCi/g		V
46893	BH40745AE	2	5	FT	AMERICIUM-241	14596-10-2	0.00426166	0.0063	pCi/g		V
46893	BH40746AE	5	7	FT	AMERICIUM-241	14596-10-2	0.00236809	0.00175	pCi/g	U	V
46993	BH40757AE	1	3	FT	AMERICIUM-241	14596-10-2	0.00519894	0.002689	pCi/g	U	V
46993	BH40759AE	3	5	FT	AMERICIUM-241	14596-10-2	0.0024298	0.006285	pCi/g		V
47093	BH40771AE	1	3	FT	AMERICIUM-241	14596-10-2	0.00654543	0.01347	pCi/g		V
47093	BH40773AE	3	5	FT	AMERICIUM-241	14596-10-2	0.00556031	0.004876	pCi/g	U	V
47093	BH40774AE	5	7	FT	AMERICIUM-241	14596-10-2	0.0056097	0.01571	pCi/g		V
P207589	SEP0389BR0003	0	3	FT	AMERICIUM-241	14596-10-2	0.01	0.05	pCi/g		
P207589	SEP0389BR0309	3	9	FT	AMERICIUM-241	14596-10-2	0.01	0.01	pCi/g		
P209089	SEP1889BR0003	0	3	FT	AMERICIUM-241	14596-10-2	0.01	0.77	pCi/g		
P209089	SEP1889BR0309	4	9	FT	AMERICIUM-241	14596-10-2	0.01	0.01	pCi/g		
P209489	SEP2289BR0307	3	7	FT	AMERICIUM-241	14596-10-2	0.02	0	pCi/g	U	
P209889	SEP2689BR0410	4	10	FT	AMERICIUM-241	14596-10-2	0.01	0.01	pCi/g		

403

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P210189	SEP3089BR0309	3	9	FT	AMERICIUM-241	14596-10-2	0.02	0.21	pCi/g		
P210289	SEP3189BR0306	3	5	FT	AMERICIUM-241	14596-10-2	0.01	0	pCi/g	U	
SP0187	SP018704DH	4	5	FT	AMERICIUM-241	14596-10-2		0.02	pCi/g		N
SP0187	SP018705DH	5	6	FT	AMERICIUM-241	14596-10-2		0.06	pCi/g		N
SP0287	SP02870008	0	10	FT	AMERICIUM-241	14596-10-2		0.22	pCi/g		N
SP0387	SP038702DH	2	4	FT	AMERICIUM-241	14596-10-2		-0.04	pCi/g		N
SP0487	SP048702DH	2	4	FT	AMERICIUM-241	14596-10-2		1.2	pCi/g		N
SP0487	SP048704DH	4	6	FT	AMERICIUM-241	14596-10-2		0.06	pCi/g		N
SP0587	SP058702DH	2	3	FT	AMERICIUM-241	14596-10-2		0.08	pCi/g		N
SP0587	SP058704DH	4	6	FT	AMERICIUM-241	14596-10-2		0.13	pCi/g		N
SP0787	SP078700DH	0	2	FT	AMERICIUM-241	14596-10-2		0.61	pCi/g		N
SP0787	SP078702DH	2	4	FT	AMERICIUM-241	14596-10-2		0.21	pCi/g		N
SP0887	SP088703UC	4	6	FT	AMERICIUM-241	14596-10-2		0.02	pCi/g		N
SP0987	SP098703UC	3	5	FT	AMERICIUM-241	14596-10-2		0.02	pCi/g		N
SP1087	SP108700DH	0	2	FT	AMERICIUM-241	14596-10-2		0.59	pCi/g		N
SP1087	SP108702DH	2	4	FT	AMERICIUM-241	14596-10-2		0.07	pCi/g		N
SP1087	SP108704BR	4	5	FT	AMERICIUM-241	14596-10-2		0.09	pCi/g		N
SP1087	SP108705DH	5	7	FT	AMERICIUM-241	14596-10-2		0.16	pCi/g		N
SP1387	SP138700UC	0	2	FT	AMERICIUM-241	14596-10-2		-0.02	pCi/g		N
SP1387	SP138701CT	2	4	FT	AMERICIUM-241	14596-10-2		-0.03	pCi/g		N
SP1387	SP138703BR	4	6	FT	AMERICIUM-241	14596-10-2		-0.02	pCi/g		N
42493	SS40083AE	5	7	IN	AMERICIUM-241	14596-10-2	0.048	4.9	pCi/g		V
46593	SS40140AE	7	8	IN	AMERICIUM-241	14596-10-2	0.00884	2.429	pCi/g		V
46593	SS40140AE	7	8	IN	AMERICIUM-241	14596-10-2	0.00531556	2.783	pCi/g		Z
46993	SS40144AE	10	16	IN	AMERICIUM-241	14596-10-2	0.00335843	0.02855	pCi/g		V
48195	BH00101PE	0	2	FT	CESIUM-134	13967-70-9	0.0443	0.01009	pCi/g	U	Y
48195	BH00102PE	2	4	FT	CESIUM-134	13967-70-9	0.0405	-0.0246	pCi/g	U	Y
48195	BH00103PE	4	6	FT	CESIUM-134	13967-70-9	0.0455	-0.0396	pCi/g	U	Y
48295	BH00104PE	0	2	FT	CESIUM-134	13967-70-9	0.0433	-0.00332	pCi/g	U	Y
48295	BH00105PE	2	4	FT	CESIUM-134	13967-70-9	0.0387	0.008543	pCi/g	U	Y
48295	BH00106PE	4	6	FT	CESIUM-134	13967-70-9	0.0328	0.002987	pCi/g	U	Y
48395	BH00107PE	0	2	FT	CESIUM-134	13967-70-9	0.0437	-0.000483	pCi/g	U	Y
48395	BH00108PE	2	4	FT	CESIUM-134	13967-70-9	0.0341	-0.00367	pCi/g	U	Y
41193	BH40049AE	0	6	FT	CESIUM-134	13967-70-9	0.21	0.009	pCi/g	U	V
41993	BH40062AE	0	6	FT	CESIUM-134	13967-70-9	0.2	0.001	pCi/g	U	J
43893	BH40070AE	0	6	FT	CESIUM-134	13967-70-9	0.097	0.003	pCi/g	U	V
41293	BH40196AE	0	3	FT	CESIUM-134	13967-70-9	0.11	0.005	pCi/g	U	V
40993	BH40201AE	0	5	FT	CESIUM-134	13967-70-9	0.11	0.11	pCi/g		Z
41693	BH40217AE	0	5	FT	CESIUM-134	13967-70-9	0.1	0.007	pCi/g	U	V
41793	BH40243AE	0	5	FT	CESIUM-134	13967-70-9	0.12	0.005	pCi/g	U	V
42293	BH40253AE	1	6	FT	CESIUM-134	13967-70-9	0.0372	0.0002734	pCi/g	U	Z
42393	BH40261AE	0	5	FT	CESIUM-134	13967-70-9	0.11	0.11	pCi/g		Z
43193	BH40306AE	0	5	FT	CESIUM-134	13967-70-9	0.1	0.005	pCi/g	U	V
43493	BH40319AE	0	5	FT	CESIUM-134	13967-70-9	0.041	-0.00701	pCi/g	U	Z
43493	BH40322AE	5	10	FT	CESIUM-134	13967-70-9	0.0353	0.01028	pCi/g	U	Z
43793	BH40332AE	0	5	FT	CESIUM-134	13967-70-9	0.12	0.005	pCi/g	U	V
44093	BH40348AE	0	6	FT	CESIUM-134	13967-70-9	0.11	0.11	pCi/g		Z
41593	BH40417AE	0	2	FT	CESIUM-134	13967-70-9	0.095	0.095	pCi/g		Z
41593	BH40418AE	2	4	FT	CESIUM-134	13967-70-9	0.099	0.099	pCi/g		Z
41593	BH40419AE	4	6	FT	CESIUM-134	13967-70-9	0.1	0.1	pCi/g		Z
42193	BH40425AE	0	2	FT	CESIUM-134	13967-70-9	0.15	0.15	pCi/g		Z
42193	BH40426AE	0	4	FT	CESIUM-134	13967-70-9	0.097	0.097	pCi/g		Z
42193	BH40427AE	0	5	FT	CESIUM-134	13967-70-9	0.11	0.11	pCi/g		Z
42493	BH40438AE	0	2	FT	CESIUM-134	13967-70-9	0.11	0.11	pCi/g		Z
42493	BH40439AE	0	4	FT	CESIUM-134	13967-70-9	0.099	0.099	pCi/g		Z
42493	BH40440AE	0	5	FT	CESIUM-134	13967-70-9	0.1	0.1	pCi/g		Z
42493	BH40441AE	4	8	FT	CESIUM-134	13967-70-9	0.1	0.1	pCi/g		Z
42593	BH40446AE	0	2	FT	CESIUM-134	13967-70-9	0.076	0.076	pCi/g		Z
42593	BH40447AE	0	4	FT	CESIUM-134	13967-70-9	0.075	0.075	pCi/g		Z
42593	BH40448AE	0	5	FT	CESIUM-134	13967-70-9	0.071	0.071	pCi/g		Z
42593	BH40449AE	4	8	FT	CESIUM-134	13967-70-9	0.08	0.08	pCi/g		Z
43393	BH40510AE	0	2	FT	CESIUM-134	13967-70-9	0.098	0.098	pCi/g		Z
43393	BH40511AE	0	4	FT	CESIUM-134	13967-70-9	0.11	0.11	pCi/g		Z
43393	BH40512AE	0	5	FT	CESIUM-134	13967-70-9	0.088	0.088	pCi/g		Z
43393	BH40517AE	5	8	FT	CESIUM-134	13967-70-9	0.1	0.1	pCi/g		Z
46593	BH40700AE	1	3	FT	CESIUM-134	13967-70-9	0.02151	-0.00643	pCi/g	U	V
46593	BH40702AE	3	5	FT	CESIUM-134	13967-70-9	0.022	0.003485	pCi/g	U	V
46593	BH40703AE	5	7	FT	CESIUM-134	13967-70-9	0.02153	0.0006929	pCi/g	U	V
46593	BH40705AE	5	9	FT	CESIUM-134	13967-70-9	0.02681	-0.0117	pCi/g	U	V
46693	BH40715AE	0	2	FT	CESIUM-134	13967-70-9	0.026	-0.000165	pCi/g	U	V

404

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46693	BH40717AE	2	4	FT	CESIUM-134	13967-70-9	0.021	-0.00699	pCi/g	U	V
46693	BH40718AE	5	7	FT	CESIUM-134	13967-70-9	0.02622	-0.00586	pCi/g	U	V
46793	BH40729AE	0	2	FT	CESIUM-134	13967-70-9	0.02364	-0.00165	pCi/g	U	V
46793	BH40731AE	2	4	FT	CESIUM-134	13967-70-9	0.024	-0.00433	pCi/g	U	V
46793	BH40732AE	4	6	FT	CESIUM-134	13967-70-9	0.025	0.009743	pCi/g	U	V
46893	BH40743AE	0	2	FT	CESIUM-134	13967-70-9	0.02069	0.002465	pCi/g	U	V
46893	BH40745AE	2	5	FT	CESIUM-134	13967-70-9	0.02078	0.01215	pCi/g	U	V
46893	BH40746AE	5	7	FT	CESIUM-134	13967-70-9	0.01989	-0.0138	pCi/g	U	V
46993	BH40757AE	1	3	FT	CESIUM-134	13967-70-9	0.02144	0.01234	pCi/g	U	V
46993	BH40759AE	3	5	FT	CESIUM-134	13967-70-9	0.019	-0.00759	pCi/g	U	V
47093	BH40771AE	1	3	FT	CESIUM-134	13967-70-9	0.022	-0.00747	pCi/g	U	V
47093	BH40773AE	3	5	FT	CESIUM-134	13967-70-9	0.021	0.002715	pCi/g	U	V
47093	BH40774AE	5	7	FT	CESIUM-134	13967-70-9	0.024	0.01158	pCi/g	U	V
42493	SS40083AE	5	7	IN	CESIUM-134	13967-70-9	0.13	0.13	pCi/g		Z
46593	SS40140AE	7	8	IN	CESIUM-134	13967-70-9	0.023	-0.0155	pCi/g	U	V
46993	SS40144AE	10	16	IN	CESIUM-134	13967-70-9	0.021	-0.00269	pCi/g	U	V
48195	BH00101PE	0	2	FT	CESIUM-137	10045-97-3	0.0443	0.01577	pCi/g	U	Y
48195	BH00102PE	2	4	FT	CESIUM-137	10045-97-3	0.0409	0.04145	pCi/g		Y
48195	BH00103PE	4	6	FT	CESIUM-137	10045-97-3	0.045	-0.00192	pCi/g	U	Y
48295	BH00104PE	0	2	FT	CESIUM-137	10045-97-3	0.0448	-0.00518	pCi/g	U	Y
48295	BH00105PE	2	4	FT	CESIUM-137	10045-97-3	0.0394	-0.00222	pCi/g	U	Y
48295	BH00106PE	4	6	FT	CESIUM-137	10045-97-3	0.035	0.01584	pCi/g	U	Y
48395	BH00107PE	0	2	FT	CESIUM-137	10045-97-3	0.044	0.004958	pCi/g	U	Y
48395	BH00108PE	2	4	FT	CESIUM-137	10045-97-3	0.0338	-0.00371	pCi/g	U	Y
41193	BH40049AE	0	6	FT	CESIUM-137	10045-97-3	0.47	0.21	pCi/g	U	V
41993	BH40062AE	0	6	FT	CESIUM-137	10045-97-3	0.2	0.001	pCi/g	U	J
43893	BH40070AE	0	6	FT	CESIUM-137	10045-97-3	0.12	0.003	pCi/g	U	V
41293	BH40196AE	0	3	FT	CESIUM-137	10045-97-3	0.25	0.16	pCi/g	U	V
40993	BH40201AE	0	5	FT	CESIUM-137	10045-97-3	0.14	0.004	pCi/g	U	V
41693	BH40217AE	0	5	FT	CESIUM-137	10045-97-3	0.24	0.087	pCi/g	U	V
41793	BH40243AE	0	5	FT	CESIUM-137	10045-97-3	0.18	0.42	pCi/g	J	V
42293	BH40253AE	1	6	FT	CESIUM-137	10045-97-3	0.0397	0.002098	pCi/g	U	A
42393	BH40261AE	0	5	FT	CESIUM-137	10045-97-3	0.14	0.003	pCi/g	U	V
43193	BH40306AE	0	5	FT	CESIUM-137	10045-97-3	0.2	0.16	pCi/g	U	V
43493	BH40319AE	0	5	FT	CESIUM-137	10045-97-3	0.0535	-0.00451	pCi/g	U	A
43493	BH40322AE	5	10	FT	CESIUM-137	10045-97-3	0.0393	0.02665	pCi/g	U	A
43793	BH40332AE	0	5	FT	CESIUM-137	10045-97-3	0.35	0.4	pCi/g	J	V
44093	BH40348AE	0	6	FT	CESIUM-137	10045-97-3	0.13	0.003	pCi/g	U	V
43993	BH40353AE	0	5	FT	CESIUM-137	10045-97-3	0.0613	0.01397	pCi/g	U	A
41593	BH40417AE	0	2	FT	CESIUM-137	10045-97-3	0.14	0.01	pCi/g	U	V
41593	BH40418AE	2	4	FT	CESIUM-137	10045-97-3	0.12	0.01	pCi/g	U	V
41593	BH40419AE	4	6	FT	CESIUM-137	10045-97-3	0.13	0.01	pCi/g	U	V
42193	BH40425AE	0	2	FT	CESIUM-137	10045-97-3	0.2	0.01	pCi/g	U	V
42193	BH40426AE	0	4	FT	CESIUM-137	10045-97-3	0.14	0.003	pCi/g	U	V
42193	BH40427AE	0	5	FT	CESIUM-137	10045-97-3	0.12	0.003	pCi/g	U	V
42493	BH40438AE	0	2	FT	CESIUM-137	10045-97-3	0.12	0.003	pCi/g	U	V
42493	BH40439AE	0	4	FT	CESIUM-137	10045-97-3	0.11	0.003	pCi/g	U	V
42493	BH40440AE	0	5	FT	CESIUM-137	10045-97-3	0.13	0.003	pCi/g	U	V
42493	BH40441AE	4	8	FT	CESIUM-137	10045-97-3	0.13	0.003	pCi/g	U	V
42593	BH40446AE	0	2	FT	CESIUM-137	10045-97-3	0.11	0	pCi/g	U	V
42593	BH40447AE	0	4	FT	CESIUM-137	10045-97-3	0.11	0.1	pCi/g	U	V
42593	BH40448AE	0	5	FT	CESIUM-137	10045-97-3	0.089	0	pCi/g	U	V
42593	BH40449AE	4	8	FT	CESIUM-137	10045-97-3	0.092	0	pCi/g	U	V
43393	BH40510AE	0	2	FT	CESIUM-137	10045-97-3	0.12	0.01	pCi/g	U	V
43393	BH40511AE	0	4	FT	CESIUM-137	10045-97-3	0.13	0.01	pCi/g	U	V
43393	BH40512AE	0	5	FT	CESIUM-137	10045-97-3	0.12	0.01	pCi/g	U	V
43393	BH40517AE	5	8	FT	CESIUM-137	10045-97-3	0.12	0.01	pCi/g	U	V
43693	BH40518AE	0	2	FT	CESIUM-137	10045-97-3	0.045	0.1382	pCi/g	X	A
43693	BH40519AE	0	4	FT	CESIUM-137	10045-97-3	0.0474	-0.00221	pCi/g	U	A
43693	BH40520AE	0	5	FT	CESIUM-137	10045-97-3	0.0601	-0.00371	pCi/g	U	A
46593	BH40700AE	1	3	FT	CESIUM-137	10045-97-3	0.02188	0.003276	pCi/g	U	V
46593	BH40702AE	3	5	FT	CESIUM-137	10045-97-3	0.024	0.00524	pCi/g	U	V
46593	BH40703AE	5	7	FT	CESIUM-137	10045-97-3	0.02208	0.002463	pCi/g	U	V
46593	BH40705AE	5	9	FT	CESIUM-137	10045-97-3	0.02997	0.01186	pCi/g	U	V
46693	BH40715AE	0	2	FT	CESIUM-137	10045-97-3	0.032	0.02999	pCi/g	U	V
46693	BH40717AE	2	4	FT	CESIUM-137	10045-97-3	0.021	-0.0177	pCi/g	U	V
46693	BH40718AE	5	7	FT	CESIUM-137	10045-97-3	0.0268	0.01207	pCi/g	U	V
46793	BH40729AE	0	2	FT	CESIUM-137	10045-97-3	0.02744	0.01123	pCi/g	U	V
46793	BH40731AE	2	4	FT	CESIUM-137	10045-97-3	0.025	0.01579	pCi/g	U	V
46793	BH40732AE	4	6	FT	CESIUM-137	10045-97-3	0.024	-0.00417	pCi/g	U	V

405

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46893	BH40743AE	0	2	FT	CESIUM-137	10045-97-3	0.02203	0.005733	pCi/g	U	V
46893	BH40745AE	2	5	FT	CESIUM-137	10045-97-3	0.02102	0.01208	pCi/g	U	V
46893	BH40746AE	5	7	FT	CESIUM-137	10045-97-3	0.01902	-0.018	pCi/g	U	V
46993	BH40757AE	1	3	FT	CESIUM-137	10045-97-3	0.02235	-0.0128	pCi/g	U	V
46993	BH40759AE	3	5	FT	CESIUM-137	10045-97-3	0.021	0.005787	pCi/g	U	V
47093	BH40771AE	1	3	FT	CESIUM-137	10045-97-3	0.024	-0.0108	pCi/g	U	V
47093	BH40773AE	3	5	FT	CESIUM-137	10045-97-3	0.025	0.01514	pCi/g	U	V
47093	BH40774AE	5	7	FT	CESIUM-137	10045-97-3	0.024	-0.00295	pCi/g	U	V
P207589	SEP0389BR0003	0	3	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P207589	SEP0389BR0309	3	9	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P208889	SEP1689BR0004	0	4	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P208889	SEP1689BR0410	4	10	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P208989	SEP1789BR0309	3	9	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P209089	SEP1889BR0003	0	3	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P209089	SEP1889BR0309	4	9	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P209189	SEP1989BR0003	0	3	FT	CESIUM-137	10045-97-3	0.1	0.1	pCi/g		
P209489	SEP2289BR0307	3	7	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P209589	SEP2389BR0004	0	4	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P209589	SEP2389BR0410	4	10	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P209889	SEP2689BR0410	4	10	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P210189	SEP3089BR0003	0	3	FT	CESIUM-137	10045-97-3	0.1	0.1	pCi/g		
P210189	SEP3089BR0309	3	9	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P210289	SEP3189BR0003	0	3	FT	CESIUM-137	10045-97-3	0.1	0.3	pCi/g		
P210289	SEP3189BR0306	3	5	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
SP0387	SP038702DH	2	4	FT	CESIUM-137	10045-97-3		0	pCi/g		N
42493	SS40083AE	5	7	IN	CESIUM-137	10045-97-3	0.13	0.002	pCi/g	U	V
46593	SS40140AE	7	8	IN	CESIUM-137	10045-97-3	0.023	0.04147	pCi/g	X	V
46993	SS40144AE	10	16	IN	CESIUM-137	10045-97-3	0.027	0.01417	pCi/g	U	V
48195	BH00101PE	0	2	FT	GROSS ALPHA	10-78-6	4.5	25	pCi/g		V
48195	BH00102PE	2	4	FT	GROSS ALPHA	10-78-6	3.5	10.5	pCi/g		V
48195	BH00103PE	4	6	FT	GROSS ALPHA	10-78-6	3	9	pCi/g		V
48295	BH00104PE	0	2	FT	GROSS ALPHA	10-78-6	5	24	pCi/g		V
48295	BH00105PE	2	4	FT	GROSS ALPHA	10-78-6	5	14.5	pCi/g		V
48295	BH00106PE	4	6	FT	GROSS ALPHA	10-78-6	3.5	10.5	pCi/g		V
48395	BH00107PE	0	2	FT	GROSS ALPHA	10-78-6	6	20.5	pCi/g		V
48395	BH00108PE	2	4	FT	GROSS ALPHA	10-78-6	5.5	19	pCi/g		V
48395	BH00109PE	4	5	FT	GROSS ALPHA	10-78-6	5.5	20	pCi/g		V
05093	BH00061AE	0	6	FT	GROSS ALPHA	12587-46-1	4.37	9.15	pCi/g		A
05393	BH00076AE	0	5	FT	GROSS ALPHA	12587-46-1	3.7	16.6	pCi/g		V
44593	BH40001AE	0	6	FT	GROSS ALPHA	12587-46-1	3.7	11.1	pCi/g		A
40893	BH40030AE	0	7	FT	GROSS ALPHA	12587-46-1	3.3	11.9	pCi/g		A
44393	BH40033AE	0	5	FT	GROSS ALPHA	12587-46-1	2.9	17	pCi/g		A
41193	BH40049AE	0	6	FT	GROSS ALPHA	12587-46-1	2.4	26	pCi/g		A
41993	BH40062AE	0	6	FT	GROSS ALPHA	12587-46-1	2	11	pCi/g		V
43893	BH40070AE	0	6	FT	GROSS ALPHA	12587-46-1	3.1	17	pCi/g		A
40293	BH40118AE	0	3	FT	GROSS ALPHA	12587-46-1	2.6	21	pCi/g		A
40393	BH40123AE	0	5	FT	GROSS ALPHA	12587-46-1	2.4	19	pCi/g		A
42993	BH40141AE	1	6	FT	GROSS ALPHA	12587-46-1	3.2	19.4	pCi/g		A
40793	BH40157AE	0	5	FT	GROSS ALPHA	12587-46-1	2.6	16	pCi/g		A
44893	BH40188AE	0	5	FT	GROSS ALPHA	12587-46-1	3.9	16.4	pCi/g		A
41293	BH40196AE	0	3	FT	GROSS ALPHA	12587-46-1	2.9	20	pCi/g		A
40993	BH40201AE	0	5	FT	GROSS ALPHA	12587-46-1	1.9	26	pCi/g		A
41693	BH40217AE	0	5	FT	GROSS ALPHA	12587-46-1	2.5	66	pCi/g		A
41793	BH40243AE	0	5	FT	GROSS ALPHA	12587-46-1	2.4	37	pCi/g		A
42293	BH40253AE	1	6	FT	GROSS ALPHA	12587-46-1	2.91203	14.54	pCi/g		A
42393	BH40261AE	0	5	FT	GROSS ALPHA	12587-46-1	2.9	49	pCi/g		A
43193	BH40306AE	0	5	FT	GROSS ALPHA	12587-46-1	2.8	32	pCi/g		A
43493	BH40319AE	0	5	FT	GROSS ALPHA	12587-46-1	2.53847	10.66	pCi/g		A
43493	BH40322AE	5	10	FT	GROSS ALPHA	12587-46-1	2.90732	8.412	pCi/g		A
43793	BH40332AE	0	5	FT	GROSS ALPHA	12587-46-1	2.5	76	pCi/g		A
44093	BH40348AE	0	6	FT	GROSS ALPHA	12587-46-1	5.1	36	pCi/g		A
43993	BH40353AE	0	5	FT	GROSS ALPHA	12587-46-1	2.69	10.72	pCi/g		V
45893	BH40377AE	0	5	FT	GROSS ALPHA	12587-46-1	2.37	9.041	pCi/g		V
40793	BH40413AE	0	5	FT	GROSS ALPHA	12587-46-1	2.2	21	pCi/g		A
41593	BH40417AE	0	2	FT	GROSS ALPHA	12587-46-1	3.1	33	pCi/g		A
41593	BH40418AE	2	4	FT	GROSS ALPHA	12587-46-1	3.2	27	pCi/g		A
41593	BH40419AE	4	6	FT	GROSS ALPHA	12587-46-1	1.9	12	pCi/g		A
42493	BH40438AE	0	2	FT	GROSS ALPHA	12587-46-1	2.4	22	pCi/g		A
42493	BH40439AE	0	4	FT	GROSS ALPHA	12587-46-1	3	15	pCi/g		A
42493	BH40440AE	0	5	FT	GROSS ALPHA	12587-46-1	2.2	17	pCi/g		A

2106

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42493	BH40441AE	4	8	FT	GROSS ALPHA	12587-46-1	2.1	17	pCi/g		A
42593	BH40446AE	0	2	FT	GROSS ALPHA	12587-46-1	2.3	49	pCi/g		A
42593	BH40447AE	0	4	FT	GROSS ALPHA	12587-46-1	1.9	18	pCi/g		A
42593	BH40448AE	0	5	FT	GROSS ALPHA	12587-46-1	1.8	26	pCi/g		A
42593	BH40449AE	4	8	FT	GROSS ALPHA	12587-46-1	1.7	25	pCi/g		A
42093	BH40483AE	0	5	FT	GROSS ALPHA	12587-46-1	2.31	14.52	pCi/g		V
43693	BH40518AE	0	2	FT	GROSS ALPHA	12587-46-1	2.84	19.61	pCi/g		V
43693	BH40519AE	0	4	FT	GROSS ALPHA	12587-46-1	2.62	14.68	pCi/g		V
43693	BH40520AE	0	5	FT	GROSS ALPHA	12587-46-1	2.29	16.63	pCi/g		V
45793	BH40557AE	0	4	FT	GROSS ALPHA	12587-46-1	2.3	16	pCi/g		A
46593	BH40700AE	1	3	FT	GROSS ALPHA	12587-46-1	2.77142	8.603	pCi/g		V
46593	BH40702AE	3	5	FT	GROSS ALPHA	12587-46-1	2.76917	14.7	pCi/g		V
46593	BH40703AE	5	7	FT	GROSS ALPHA	12587-46-1	2.54351	8.196	pCi/g		V
46593	BH40705AE	5	9	FT	GROSS ALPHA	12587-46-1	2.45738	4.204	pCi/g		V
46693	BH40715AE	0	2	FT	GROSS ALPHA	12587-46-1	3.85513	15.45	pCi/g		V
46693	BH40717AE	2	4	FT	GROSS ALPHA	12587-46-1	2.45834	9.181	pCi/g		V
46693	BH40718AE	5	7	FT	GROSS ALPHA	12587-46-1	3.85661	12.97	pCi/g		V
46793	BH40729AE	0	2	FT	GROSS ALPHA	12587-46-1	2.90619	6.374	pCi/g		A
46793	BH40731AE	2	4	FT	GROSS ALPHA	12587-46-1	2.61919	5.382	pCi/g		A
46793	BH40732AE	4	6	FT	GROSS ALPHA	12587-46-1	2.62128	5.839	pCi/g		A
46893	BH40743AE	0	2	FT	GROSS ALPHA	12587-46-1	2.97746	13.99	pCi/g		V
46893	BH40745AE	2	5	FT	GROSS ALPHA	12587-46-1	2.62023	8.777	pCi/g		V
46893	BH40746AE	5	7	FT	GROSS ALPHA	12587-46-1	3.03859	5.065	pCi/g		V
46993	BH40757AE	1	3	FT	GROSS ALPHA	12587-46-1	2.61817	18.26	pCi/g		V
46993	BH40759AE	3	5	FT	GROSS ALPHA	12587-46-1	2.62235	13.99	pCi/g		V
47093	BH40771AE	1	3	FT	GROSS ALPHA	12587-46-1	3.45339	11.68	pCi/g		A
47093	BH40773AE	3	5	FT	GROSS ALPHA	12587-46-1	3.16694	1.721	pCi/g	U	A
47093	BH40774AE	5	7	FT	GROSS ALPHA	12587-46-1	3.56064	6.291	pCi/g		A
P207589	SEP0389BR0003	0	3	FT	GROSS ALPHA	12587-46-1	27	5	pCi/g	U	
P207589	SEP0389BR0309	3	9	FT	GROSS ALPHA	12587-46-1	17	17	pCi/g		
P208889	SEP1689BR0004	0	4	FT	GROSS ALPHA	12587-46-1	10	17	pCi/g		
P208889	SEP1689BR0410	4	10	FT	GROSS ALPHA	12587-46-1	9	18	pCi/g		
P208989	SEP1789BR0309	3	9	FT	GROSS ALPHA	12587-46-1	17	24	pCi/g		
P209089	SEP1889BR0003	0	3	FT	GROSS ALPHA	12587-46-1	11	28	pCi/g		
P209089	SEP1889BR0309	4	9	FT	GROSS ALPHA	12587-46-1	10	15	pCi/g		
P209189	SEP1989BR0003	0	3	FT	GROSS ALPHA	12587-46-1	10	62	pCi/g		
P209489	SEP2289BR0307	3	7	FT	GROSS ALPHA	12587-46-1	17	6	pCi/g	U	
P209589	SEP2389BR0004	0	4	FT	GROSS ALPHA	12587-46-1	9	20	pCi/g		
P209589	SEP2389BR0410	4	10	FT	GROSS ALPHA	12587-46-1	9	33	pCi/g		
P209889	SEP2689BR0410	4	10	FT	GROSS ALPHA	12587-46-1	9	29	pCi/g		
P210189	SEP3089BR0003	0	3	FT	GROSS ALPHA	12587-46-1	62	490	pCi/g		
P210189	SEP3089BR0309	3	9	FT	GROSS ALPHA	12587-46-1	15	36	pCi/g		
P210289	SEP3189BR0003	0	3	FT	GROSS ALPHA	12587-46-1	17	52	pCi/g		
P210289	SEP3189BR0306	3	5	FT	GROSS ALPHA	12587-46-1	17	19	pCi/g		
SP0187	SP018704DH	4	5	FT	GROSS ALPHA	12587-46-1		34	pCi/g		N
SP0187	SP018705DH	5	6	FT	GROSS ALPHA	12587-46-1		28	pCi/g		N
SP0287	SP02870008	0	10	FT	GROSS ALPHA	12587-46-1		14	pCi/g		N
SP0387	SP038702DH	2	4	FT	GROSS ALPHA	12587-46-1		28	pCi/g		N
SP0487	SP048702DH	2	4	FT	GROSS ALPHA	12587-46-1		34	pCi/g		N
SP0487	SP048704DH	4	6	FT	GROSS ALPHA	12587-46-1		57	pCi/g		N
SP0587	SP058702DH	2	3	FT	GROSS ALPHA	12587-46-1		48	pCi/g		N
SP0587	SP058704DH	4	6	FT	GROSS ALPHA	12587-46-1		27	pCi/g		N
SP0787	SP078700DH	0	2	FT	GROSS ALPHA	12587-46-1		24	pCi/g		N
SP0787	SP078702DH	2	4	FT	GROSS ALPHA	12587-46-1		30	pCi/g		N
SP0887	SP088703UC	4	6	FT	GROSS ALPHA	12587-46-1		32	pCi/g		N
SP0987	SP098703UC	3	5	FT	GROSS ALPHA	12587-46-1		25	pCi/g		N
SP1087	SP108700DH	0	2	FT	GROSS ALPHA	12587-46-1		40	pCi/g		N
SP1087	SP108702DH	2	4	FT	GROSS ALPHA	12587-46-1		27	pCi/g		N
SP1087	SP108704BR	4	5	FT	GROSS ALPHA	12587-46-1		33	pCi/g		N
SP1087	SP108705DH	5	7	FT	GROSS ALPHA	12587-46-1		19	pCi/g		N
SP1387	SP138700UC	0	2	FT	GROSS ALPHA	12587-46-1		30	pCi/g		N
SP1387	SP138701CT	2	4	FT	GROSS ALPHA	12587-46-1		30	pCi/g		N
SP1387	SP138703BR	4	6	FT	GROSS ALPHA	12587-46-1		19	pCi/g		N
42493	SS40083AE	5	7	IN	GROSS ALPHA	12587-46-1	2.5	21	pCi/g		A
46593	SS40140AE	7	8	IN	GROSS ALPHA	12587-46-1	2.84221	29.57	pCi/g		V
46993	SS40144AE	10	16	IN	GROSS ALPHA	12587-46-1	2.62128	13.76	pCi/g		V
05093	BH00061AE	0	6	FT	GROSS BETA	12587-47-2	2.88	18.4	pCi/g		A
05193	BH00066AE	0	5	FT	GROSS BETA	12587-47-2	2.7	22.9	pCi/g		A
05393	BH00076AE	0	5	FT	GROSS BETA	12587-47-2	2.8	15.3	pCi/g		V
48195	BH00101PE	0	2	FT	GROSS BETA	12587-47-2	2.5	32	pCi/g		V

407

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
48195	BH00102PE	2	4	FT	GROSS BETA	12587-47-2	2	25.5	pCi/g		V
48195	BH00103PE	4	6	FT	GROSS BETA	12587-47-2	1.5	23	pCi/g		V
48295	BH00104PE	0	2	FT	GROSS BETA	12587-47-2	2	34	pCi/g		V
48295	BH00105PE	2	4	FT	GROSS BETA	12587-47-2	2.5	32	pCi/g		V
48295	BH00106PE	4	6	FT	GROSS BETA	12587-47-2	2.5	23.5	pCi/g		V
48395	BH00107PE	0	2	FT	GROSS BETA	12587-47-2	2.5	38	pCi/g		V
48395	BH00108PE	2	4	FT	GROSS BETA	12587-47-2	2.5	35	pCi/g		V
48395	BH00109PE	4	5	FT	GROSS BETA	12587-47-2	2.5	34	pCi/g		V
44593	BH40001AE	0	6	FT	GROSS BETA	12587-47-2	2.7	25.5	pCi/g		A
40893	BH40030AE	0	7	FT	GROSS BETA	12587-47-2	2.7	22.4	pCi/g		A
44393	BH40033AE	0	5	FT	GROSS BETA	12587-47-2	5.7	30	pCi/g	B	A
41193	BH40049AE	0	6	FT	GROSS BETA	12587-47-2	4.9	33	pCi/g	B	A
41993	BH40062AE	0	6	FT	GROSS BETA	12587-47-2	3	15	pCi/g		V
43893	BH40070AE	0	6	FT	GROSS BETA	12587-47-2	6.5	16	pCi/g	B	A
40293	BH40118AE	0	3	FT	GROSS BETA	12587-47-2	5.7	37	pCi/g		A
40393	BH40123AE	0	5	FT	GROSS BETA	12587-47-2	4.9	27	pCi/g	B	A
42993	BH40141AE	1	6	FT	GROSS BETA	12587-47-2	2.7	31.9	pCi/g		A
40793	BH40157AE	0	5	FT	GROSS BETA	12587-47-2	5.5	19	pCi/g		V
44893	BH40188AE	0	5	FT	GROSS BETA	12587-47-2	2.6	24.1	pCi/g		A
41293	BH40196AE	0	3	FT	GROSS BETA	12587-47-2	6.1	21	pCi/g		V
40993	BH40201AE	0	5	FT	GROSS BETA	12587-47-2	5.7	35	pCi/g		V
41693	BH40217AE	0	5	FT	GROSS BETA	12587-47-2	4.6	33	pCi/g		V
41793	BH40243AE	0	5	FT	GROSS BETA	12587-47-2	4.8	24	pCi/g		V
42293	BH40253AE	1	6	FT	GROSS BETA	12587-47-2	2.07295	45.04	pCi/g		V
42393	BH40261AE	0	5	FT	GROSS BETA	12587-47-2	6.4	50	pCi/g		A
43193	BH40306AE	0	5	FT	GROSS BETA	12587-47-2	5.5	36	pCi/g		V
43493	BH40319AE	0	5	FT	GROSS BETA	12587-47-2	1.94359	18.07	pCi/g		V
43493	BH40322AE	5	10	FT	GROSS BETA	12587-47-2	2.07363	16.72	pCi/g		V
43793	BH40332AE	0	5	FT	GROSS BETA	12587-47-2	5	37	pCi/g		V
44093	BH40348AE	0	6	FT	GROSS BETA	12587-47-2	5.2	42	pCi/g		A
43993	BH40353AE	0	5	FT	GROSS BETA	12587-47-2	1.92	18.29	pCi/g		V
45693	BH40374AE	0	6	FT	GROSS BETA	12587-47-2	4.8	22	pCi/g		V
45893	BH40377AE	0	5	FT	GROSS BETA	12587-47-2	2.03	20.95	pCi/g		V
46193	BH40385AE	0	6	FT	GROSS BETA	12587-47-2	3.9	24	pCi/g		V
40793	BH40413AE	0	5	FT	GROSS BETA	12587-47-2	5.7	22	pCi/g		V
41593	BH40417AE	0	2	FT	GROSS BETA	12587-47-2	4.8	46	pCi/g		V
41593	BH40418AE	2	4	FT	GROSS BETA	12587-47-2	5	40	pCi/g		V
41593	BH40419AE	4	6	FT	GROSS BETA	12587-47-2	4.4	24	pCi/g		V
42193	BH40425AE	0	2	FT	GROSS BETA	12587-47-2	4.5	35	pCi/g		V
42193	BH40426AE	0	4	FT	GROSS BETA	12587-47-2	5.3	21	pCi/g		V
42193	BH40427AE	0	5	FT	GROSS BETA	12587-47-2	4.6	30	pCi/g		V
42493	BH40438AE	0	2	FT	GROSS BETA	12587-47-2	4.5	21	pCi/g		A
42493	BH40439AE	0	4	FT	GROSS BETA	12587-47-2	5.1	20	pCi/g		A
42493	BH40440AE	0	5	FT	GROSS BETA	12587-47-2	4.8	31	pCi/g		A
42493	BH40441AE	4	8	FT	GROSS BETA	12587-47-2	5	28	pCi/g		A
42593	BH40446AE	0	2	FT	GROSS BETA	12587-47-2	3.4	52	pCi/g		V
42593	BH40447AE	0	4	FT	GROSS BETA	12587-47-2	4	26	pCi/g		V
42593	BH40448AE	0	5	FT	GROSS BETA	12587-47-2	4.2	32	pCi/g		V
42593	BH40449AE	4	8	FT	GROSS BETA	12587-47-2	4.7	28	pCi/g		V
42093	BH40483AE	0	5	FT	GROSS BETA	12587-47-2	2.51	30.27	pCi/g		V
43393	BH40510AE	0	2	FT	GROSS BETA	12587-47-2	5	30	pCi/g		V
43393	BH40511AE	0	4	FT	GROSS BETA	12587-47-2	4.6	45	pCi/g		V
43393	BH40512AE	0	5	FT	GROSS BETA	12587-47-2	3.6	23	pCi/g		V
43393	BH40517AE	5	8	FT	GROSS BETA	12587-47-2	5.2	27	pCi/g		V
43693	BH40518AE	0	2	FT	GROSS BETA	12587-47-2	2.02	31.42	pCi/g		V
43693	BH40519AE	0	4	FT	GROSS BETA	12587-47-2	2	22.04	pCi/g		V
43693	BH40520AE	0	5	FT	GROSS BETA	12587-47-2	1.99	26.58	pCi/g		V
45793	BH40557AE	0	4	FT	GROSS BETA	12587-47-2	4.2	19	pCi/g		V
46593	BH40700AE	1	3	FT	GROSS BETA	12587-47-2	1.94486	19.39	pCi/g		V
46593	BH40702AE	3	5	FT	GROSS BETA	12587-47-2	1.97473	25.47	pCi/g		V
46593	BH40703AE	5	7	FT	GROSS BETA	12587-47-2	2.06029	31.07	pCi/g		V
46593	BH40705AE	5	9	FT	GROSS BETA	12587-47-2	1.97215	24.33	pCi/g		V
46693	BH40715AE	0	2	FT	GROSS BETA	12587-47-2	2.10201	45.96	pCi/g		V
46693	BH40717AE	2	4	FT	GROSS BETA	12587-47-2	1.94231	35.32	pCi/g		V
46693	BH40718AE	5	7	FT	GROSS BETA	12587-47-2	1.94295	33.04	pCi/g		V
46793	BH40729AE	0	2	FT	GROSS BETA	12587-47-2	2.23354	23.28	pCi/g		V
46793	BH40731AE	2	4	FT	GROSS BETA	12587-47-2	1.93501	17.19	pCi/g		V
46793	BH40732AE	4	6	FT	GROSS BETA	12587-47-2	2.08345	12.44	pCi/g		V
46893	BH40743AE	0	2	FT	GROSS BETA	12587-47-2	1.9715	16.96	pCi/g		V
46893	BH40745AE	2	5	FT	GROSS BETA	12587-47-2	2.10408	16.25	pCi/g		V

408

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46893	BH40746AE	5	7	FT	GROSS BETA	12587-47-2	2.03936	15.43	pCi/g		V
46993	BH40757AE	1	3	FT	GROSS BETA	12587-47-2	2.03735	42.61	pCi/g		V
46993	BH40759AE	3	5	FT	GROSS BETA	12587-47-2	2.12094	32.09	pCi/g		V
47093	BH40771AE	1	3	FT	GROSS BETA	12587-47-2	2.08345	21.16	pCi/g		V
47093	BH40773AE	3	5	FT	GROSS BETA	12587-47-2	1.85357	14.26	pCi/g		V
47093	BH40774AE	5	7	FT	GROSS BETA	12587-47-2	2.00148	33.22	pCi/g		V
P207589	SEP0389BR0003	0	3	FT	GROSS BETA	12587-47-2	9	13	pCi/g		
P207589	SEP0389BR0309	3	9	FT	GROSS BETA	12587-47-2	8	16	pCi/g		
P208889	SEP1689BR0004	0	4	FT	GROSS BETA	12587-47-2	7	16	pCi/g		
P208889	SEP1689BR0410	4	10	FT	GROSS BETA	12587-47-2	8	25	pCi/g		
P208989	SEP1789BR0309	3	9	FT	GROSS BETA	12587-47-2	8	30	pCi/g		
P209089	SEP1889BR0003	0	3	FT	GROSS BETA	12587-47-2	8	22	pCi/g		
P209089	SEP1889BR0309	4	9	FT	GROSS BETA	12587-47-2	8	24	pCi/g		
P209189	SEP1989BR0003	0	3	FT	GROSS BETA	12587-47-2	8	20	pCi/g		
P209489	SEP2289BR0307	3	7	FT	GROSS BETA	12587-47-2	8	14	pCi/g		
P209589	SEP2389BR0004	0	4	FT	GROSS BETA	12587-47-2	7	28	pCi/g		
P209589	SEP2389BR0410	4	10	FT	GROSS BETA	12587-47-2	8	29	pCi/g		
P209889	SEP2689BR0410	4	10	FT	GROSS BETA	12587-47-2	7	22	pCi/g		
P210189	SEP3089BR0003	0	3	FT	GROSS BETA	12587-47-2	110	120	pCi/g		
P210189	SEP3089BR0309	3	9	FT	GROSS BETA	12587-47-2	9	18	pCi/g		
P210289	SEP3189BR0003	0	3	FT	GROSS BETA	12587-47-2	8	22	pCi/g		
P210289	SEP3189BR0306	3	5	FT	GROSS BETA	12587-47-2	8	22	pCi/g		
SP0187	SP018704DH	4	5	FT	GROSS BETA	12587-47-2		23	pCi/g		N
SP0187	SP018705DH	5	6	FT	GROSS BETA	12587-47-2		14	pCi/g		N
SP0287	SP02870008	0	10	FT	GROSS BETA	12587-47-2		36	pCi/g		N
SP0387	SP038702DH	2	4	FT	GROSS BETA	12587-47-2		27	pCi/g		N
SP0487	SP048702DH	2	4	FT	GROSS BETA	12587-47-2		15	pCi/g		N
SP0487	SP048704DH	4	6	FT	GROSS BETA	12587-47-2		17	pCi/g		N
SP0587	SP058702DH	2	3	FT	GROSS BETA	12587-47-2		13	pCi/g		N
SP0587	SP058704DH	4	6	FT	GROSS BETA	12587-47-2		14	pCi/g		N
SP0787	SP078700DH	0	2	FT	GROSS BETA	12587-47-2		15	pCi/g		N
SP0787	SP078702DH	2	4	FT	GROSS BETA	12587-47-2		14	pCi/g		N
SP0887	SP088703UC	4	6	FT	GROSS BETA	12587-47-2		28	pCi/g		N
SP0987	SP098703UC	3	5	FT	GROSS BETA	12587-47-2		21	pCi/g		N
SP1087	SP108700DH	0	2	FT	GROSS BETA	12587-47-2		21	pCi/g		N
SP1087	SP108702DH	2	4	FT	GROSS BETA	12587-47-2		20	pCi/g		N
SP1087	SP108704BR	4	5	FT	GROSS BETA	12587-47-2		26	pCi/g		N
SP1087	SP108705DH	5	7	FT	GROSS BETA	12587-47-2		22	pCi/g		N
SP1387	SP138700UC	0	2	FT	GROSS BETA	12587-47-2		25	pCi/g		N
SP1387	SP138701CT	2	4	FT	GROSS BETA	12587-47-2		22	pCi/g		N
SP1387	SP138703BR	4	6	FT	GROSS BETA	12587-47-2		23	pCi/g		N
42493	SS40083AE	5	7	IN	GROSS BETA	12587-47-2	6.5	29	pCi/g		V
46593	SS40140AE	7	8	IN	GROSS BETA	12587-47-2	2.05961	23.49	pCi/g		V
46993	SS40144AE	10	16	IN	GROSS BETA	12587-47-2	2.07201	47	pCi/g		V
41993	BH40062AE	0	6	FT	PLUTONIUM-238	13981-16-3	0.01	0.003	pCi/g	U	V
48195	BH00101PE	0	2	FT	PLUTONIUM-239/240	10-12-8	0.003	1.576	pCi/g		V
48195	BH00102PE	2	4	FT	PLUTONIUM-239/240	10-12-8	0.002	0.332	pCi/g		V
48195	BH00103PE	4	6	FT	PLUTONIUM-239/240	10-12-8	0.012	0.613	pCi/g		V
48295	BH00104PE	0	2	FT	PLUTONIUM-239/240	10-12-8	0.004	1.192	pCi/g		V
48295	BH00105PE	2	4	FT	PLUTONIUM-239/240	10-12-8	0.016	0.363	pCi/g		V
48295	BH00106PE	4	6	FT	PLUTONIUM-239/240	10-12-8	0.03	0.414	pCi/g		V
48395	BH00107PE	0	2	FT	PLUTONIUM-239/240	10-12-8	0.003	1.747	pCi/g		V
48395	BH00108PE	2	4	FT	PLUTONIUM-239/240	10-12-8	0.012	0.328	pCi/g		V
48395	BH00109PE	4	5	FT	PLUTONIUM-239/240	10-12-8	0.003	0.494	pCi/g		V
41193	BH40049AE	0	6	FT	PLUTONIUM-239/240	10-12-8	0.014	0.39	pCi/g		V
41993	BH40062AE	0	6	FT	PLUTONIUM-239/240	10-12-8	0.004	0.18	pCi/g		A
43893	BH40070AE	0	6	FT	PLUTONIUM-239/240	10-12-8	0.002	0.61	pCi/g	B	V
41293	BH40196AE	0	3	FT	PLUTONIUM-239/240	10-12-8	0.003	0.28	pCi/g		V
40993	BH40201AE	0	5	FT	PLUTONIUM-239/240	10-12-8	0.002	1.6	pCi/g		A
41693	BH40217AE	0	5	FT	PLUTONIUM-239/240	10-12-8	0.004	3	pCi/g		V
41793	BH40243AE	0	5	FT	PLUTONIUM-239/240	10-12-8	0.037	2.9	pCi/g		V
42293	BH40253AE	1	6	FT	PLUTONIUM-239/240	10-12-8	0.00262529	0.4016	pCi/g		A
42393	BH40261AE	0	5	FT	PLUTONIUM-239/240	10-12-8	0.003	0.75	pCi/g	B	A
43193	BH40306AE	0	5	FT	PLUTONIUM-239/240	10-12-8	0.002	1.3	pCi/g		V
43493	BH40319AE	0	5	FT	PLUTONIUM-239/240	10-12-8	0.0033543	0.2417	pCi/g		V
43493	BH40322AE	5	10	FT	PLUTONIUM-239/240	10-12-8	0.00779248	0.01271	pCi/g		V
43793	BH40332AE	0	5	FT	PLUTONIUM-239/240	10-12-8	0.005	4	pCi/g		V
44093	BH40348AE	0	6	FT	PLUTONIUM-239/240	10-12-8	0.007	0.048	pCi/g	B	A
43993	BH40353AE	0	5	FT	PLUTONIUM-239/240	10-12-8	0.01	0.1369	pCi/g		A
41593	BH40417AE	0	2	FT	PLUTONIUM-239/240	10-12-8	0.002	1	pCi/g		V

409

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41593	BH40418AE	2	4	FT	PLUTONIUM-239/240	10-12-8	0.017	0.037	pCi/g		V
41593	BH40419AE	4	6	FT	PLUTONIUM-239/240	10-12-8	0.007	0.01	pCi/g	J	V
42193	BH40425AE	0	2	FT	PLUTONIUM-239/240	10-12-8	0.004	0.058	pCi/g	B	A
42193	BH40426AE	0	4	FT	PLUTONIUM-239/240	10-12-8	0.004	0	pCi/g	U	A
42193	BH40427AE	0	5	FT	PLUTONIUM-239/240	10-12-8	0.005	-0.001	pCi/g	U	A
42493	BH40438AE	0	2	FT	PLUTONIUM-239/240	10-12-8	0.002	0.11	pCi/g		V
42493	BH40439AE	0	4	FT	PLUTONIUM-239/240	10-12-8	0.002	0.005	pCi/g	J	V
42493	BH40440AE	0	5	FT	PLUTONIUM-239/240	10-12-8	0.003	0.002	pCi/g	U	V
42493	BH40441AE	4	8	FT	PLUTONIUM-239/240	10-12-8	0.005	0.006	pCi/g	J	V
42593	BH40446AE	0	2	FT	PLUTONIUM-239/240	10-12-8	0.007	0.29	pCi/g		V
42593	BH40447AE	0	4	FT	PLUTONIUM-239/240	10-12-8	0.015	0.046	pCi/g		V
42593	BH40448AE	0	5	FT	PLUTONIUM-239/240	10-12-8	0.006	-0.001	pCi/g	U	V
42593	BH40449AE	4	8	FT	PLUTONIUM-239/240	10-12-8	0.004	0.018	pCi/g	J	V
43393	BH40510AE	0	2	FT	PLUTONIUM-239/240	10-12-8	0.002	0.098	pCi/g	B	A
43393	BH40511AE	0	4	FT	PLUTONIUM-239/240	10-12-8	0.004	0.001	pCi/g	U	A
43393	BH40512AE	0	5	FT	PLUTONIUM-239/240	10-12-8	0.005	0.009	pCi/g	BJ	A
43393	BH40517AE	5	8	FT	PLUTONIUM-239/240	10-12-8	0.019	-0.004	pCi/g	U	A
43693	BH40518AE	0	2	FT	PLUTONIUM-239/240	10-12-8	0.00593885	0.9876	pCi/g		A
43693	BH40519AE	0	4	FT	PLUTONIUM-239/240	10-12-8	0.0189409	0.00204	pCi/g	U	A
43693	BH40520AE	0	5	FT	PLUTONIUM-239/240	10-12-8	0.0160413	0.005182	pCi/g	U	A
46593	BH40700AE	1	3	FT	PLUTONIUM-239/240	10-12-8	0.00708824	0.9232	pCi/g		A
46593	BH40702AE	3	5	FT	PLUTONIUM-239/240	10-12-8	0.00286933	0.02135	pCi/g		V
46593	BH40703AE	5	7	FT	PLUTONIUM-239/240	10-12-8	0.0222125	0.04309	pCi/g		A
46593	BH40705AE	5	9	FT	PLUTONIUM-239/240	10-12-8	0.0153758	0.006852	pCi/g	U	A
46693	BH40715AE	0	2	FT	PLUTONIUM-239/240	10-12-8	0.0222229	0.706	pCi/g		V
46693	BH40717AE	2	4	FT	PLUTONIUM-239/240	10-12-8	0.0163489	0.0493	pCi/g		V
46793	BH40729AE	0	2	FT	PLUTONIUM-239/240	10-12-8	0.00639517	0.0449	pCi/g		V
46793	BH40731AE	2	4	FT	PLUTONIUM-239/240	10-12-8	0.00429814	0.007942	pCi/g		V
46793	BH40732AE	4	6	FT	PLUTONIUM-239/240	10-12-8	0.0101755	0.01863	pCi/g		V
46893	BH40743AE	0	2	FT	PLUTONIUM-239/240	10-12-8	0.00779017	0.03818	pCi/g		A
46893	BH40745AE	2	5	FT	PLUTONIUM-239/240	10-12-8	0.0101597	-0.00283	pCi/g	U	A
46893	BH40746AE	5	7	FT	PLUTONIUM-239/240	10-12-8	0.00752218	0.00556	pCi/g	U	A
46993	BH40757AE	1	3	FT	PLUTONIUM-239/240	10-12-8	0.00816992	0.07994	pCi/g		A
46993	BH40759AE	3	5	FT	PLUTONIUM-239/240	10-12-8	0.0133809	0.003342	pCi/g	U	V
47093	BH40771AE	1	3	FT	PLUTONIUM-239/240	10-12-8	0.0048801	0.01262	pCi/g		V
47093	BH40773AE	3	5	FT	PLUTONIUM-239/240	10-12-8	0.0111756	-0.0012	pCi/g	U	V
47093	BH40774AE	5	7	FT	PLUTONIUM-239/240	10-12-8	0.0202333	0.006537	pCi/g	U	V
P207589	SEP0389BR0003	0	3	FT	PLUTONIUM-239/240	10-12-8	0.01	0.22	pCi/g		
P207589	SEP0389BR0309	3	9	FT	PLUTONIUM-239/240	10-12-8	0.01	0	pCi/g	U	
P208889	SEP1689BR0004	0	4	FT	PLUTONIUM-239/240	10-12-8		0	pCi/g		
P208889	SEP1689BR0410	4	10	FT	PLUTONIUM-239/240	10-12-8		0	pCi/g		
P208989	SEP1789BR0309	3	9	FT	PLUTONIUM-239/240	10-12-8		0.01	pCi/g		
P209089	SEP1889BR0003	0	3	FT	PLUTONIUM-239/240	10-12-8	0.02	1.6	pCi/g		
P209089	SEP1889BR0309	4	9	FT	PLUTONIUM-239/240	10-12-8	0.01	0.16	pCi/g		
P209489	SEP2289BR0307	3	7	FT	PLUTONIUM-239/240	10-12-8	0.01	0.03	pCi/g		
P209589	SEP2389BR0004	0	4	FT	PLUTONIUM-239/240	10-12-8		0.17	pCi/g		
P209589	SEP2389BR0410	4	10	FT	PLUTONIUM-239/240	10-12-8		0	pCi/g		
P209889	SEP2689BR0410	4	10	FT	PLUTONIUM-239/240	10-12-8	0.01	0.02	pCi/g		
P210189	SEP3089BR0309	3	9	FT	PLUTONIUM-239/240	10-12-8	0.01	0.83	pCi/g		
P210289	SEP3189BR0003	0	3	FT	PLUTONIUM-239/240	10-12-8	0.01	2.5	pCi/g		
P210289	SEP3189BR0306	3	5	FT	PLUTONIUM-239/240	10-12-8	0.01	0.05	pCi/g		
SP0187	SP018704DH	4	5	FT	PLUTONIUM-239/240	10-12-8		0.09	pCi/g		
SP0187	SP018705DH	5	6	FT	PLUTONIUM-239/240	10-12-8		0.32	pCi/g		
SP0287	SP02870008	0	10	FT	PLUTONIUM-239/240	10-12-8		0.13	pCi/g		
SP0387	SP038702DH	2	4	FT	PLUTONIUM-239/240	10-12-8		0.08	pCi/g		
SP0487	SP048702DH	2	4	FT	PLUTONIUM-239/240	10-12-8		1.9	pCi/g		
SP0487	SP048704DH	4	6	FT	PLUTONIUM-239/240	10-12-8		0.01	pCi/g		
SP0587	SP058702DH	2	3	FT	PLUTONIUM-239/240	10-12-8		0.09	pCi/g		
SP0587	SP058704DH	4	6	FT	PLUTONIUM-239/240	10-12-8		-0.02	pCi/g		
SP0787	SP078700DH	0	2	FT	PLUTONIUM-239/240	10-12-8		2.2	pCi/g		
SP0787	SP078702DH	2	4	FT	PLUTONIUM-239/240	10-12-8		0.1	pCi/g		
SP0887	SP088703UC	4	6	FT	PLUTONIUM-239/240	10-12-8		0.02	pCi/g		
SP0987	SP098703UC	3	5	FT	PLUTONIUM-239/240	10-12-8		0	pCi/g		
SP1087	SP108700DH	0	2	FT	PLUTONIUM-239/240	10-12-8		3.5	pCi/g		
SP1087	SP108702DH	2	4	FT	PLUTONIUM-239/240	10-12-8		0.24	pCi/g		
SP1087	SP108704BR	4	5	FT	PLUTONIUM-239/240	10-12-8		0.13	pCi/g		
SP1087	SP108705DH	5	7	FT	PLUTONIUM-239/240	10-12-8		0.06	pCi/g		
SP1387	SP138700UC	0	2	FT	PLUTONIUM-239/240	10-12-8		0.05	pCi/g		
SP1387	SP138701CT	2	4	FT	PLUTONIUM-239/240	10-12-8		0.05	pCi/g		
SP1387	SP138703BR	4	6	FT	PLUTONIUM-239/240	10-12-8		-0.06	pCi/g		

410

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42493	SS40083AE	5	7	IN	PLUTONIUM-239/240	10-12-8	0.021	0.041	pCi/g		A
46593	SS40140AE	7	8	IN	PLUTONIUM-239/240	10-12-8	0.00618721	19.78	pCi/g		V
46993	SS40144AE	10	16	IN	PLUTONIUM-239/240	10-12-8	0.00332277	0.2787	pCi/g		V
48195	BH00101PE	0	2	FT	RADIUM-226	13982-63-3	0	9.28	pCi/g	X	Y
48195	BH00102PE	2	4	FT	RADIUM-226	13982-63-3	0	2.373	pCi/g	X	Y
48195	BH00103PE	4	6	FT	RADIUM-226	13982-63-3	0	1.851	pCi/g	X	Y
48295	BH00104PE	0	2	FT	RADIUM-226	13982-63-3	0	3.833	pCi/g	X	Y
48295	BH00105PE	2	4	FT	RADIUM-226	13982-63-3	0	2.214	pCi/g	X	Y
48295	BH00106PE	4	6	FT	RADIUM-226	13982-63-3	0	1.508	pCi/g	X	Y
48395	BH00107PE	0	2	FT	RADIUM-226	13982-63-3	0	8.66	pCi/g	X	Y
48395	BH00108PE	2	4	FT	RADIUM-226	13982-63-3	0	1.641	pCi/g	X	Y
41193	BH40049AE	0	6	FT	RADIUM-226	13982-63-3	0.94	0.7	pCi/g	U	A
43893	BH40070AE	0	6	FT	RADIUM-226	13982-63-3	0.37	0.93	pCi/g		A
41293	BH40196AE	0	3	FT	RADIUM-226	13982-63-3	0.35	0.84	pCi/g		V
40993	BH40201AE	0	5	FT	RADIUM-226	13982-63-3	0.34	1.1	pCi/g		V
41693	BH40217AE	0	5	FT	RADIUM-226	13982-63-3	0.37	0.82	pCi/g		V
41793	BH40243AE	0	5	FT	RADIUM-226	13982-63-3	0.48	0.55	pCi/g		V
42393	BH40261AE	0	5	FT	RADIUM-226	13982-63-3	0.39	0.94	pCi/g		A
43193	BH40306AE	0	5	FT	RADIUM-226	13982-63-3	0.55	0.59	pCi/g		V
43793	BH40332AE	0	5	FT	RADIUM-226	13982-63-3	0.37	0.85	pCi/g		V
44093	BH40348AE	0	6	FT	RADIUM-226	13982-63-3	0.3	0.75	pCi/g		A
41593	BH40417AE	0	2	FT	RADIUM-226	13982-63-3	0.45	0.88	pCi/g		V
41593	BH40418AE	2	4	FT	RADIUM-226	13982-63-3	0.49	0.69	pCi/g		V
41593	BH40419AE	4	6	FT	RADIUM-226	13982-63-3	0.48	0.59	pCi/g		V
42193	BH40425AE	0	2	FT	RADIUM-226	13982-63-3	0.54	1	pCi/g		V
42193	BH40426AE	0	4	FT	RADIUM-226	13982-63-3	0.34	0.73	pCi/g		V
42193	BH40427AE	0	5	FT	RADIUM-226	13982-63-3	0.4	0.48	pCi/g	J	V
42493	BH40438AE	0	2	FT	RADIUM-226	13982-63-3	0.35	1.1	pCi/g		V
42493	BH40439AE	0	4	FT	RADIUM-226	13982-63-3	0.37	0.86	pCi/g		V
42493	BH40440AE	0	5	FT	RADIUM-226	13982-63-3	0.44	0.55	pCi/g		V
42493	BH40441AE	4	8	FT	RADIUM-226	13982-63-3	0.43	0.53	pCi/g		V
42593	BH40446AE	0	2	FT	RADIUM-226	13982-63-3	0.33	0.93	pCi/g		V
42593	BH40447AE	0	4	FT	RADIUM-226	13982-63-3	0.36	0.56	pCi/g		V
42593	BH40448AE	0	5	FT	RADIUM-226	13982-63-3	0.32	0.59	pCi/g		V
42593	BH40449AE	4	8	FT	RADIUM-226	13982-63-3	0.28	0.62	pCi/g		V
43393	BH40510AE	0	2	FT	RADIUM-226	13982-63-3	0.38	0.8	pCi/g		V
43393	BH40511AE	0	4	FT	RADIUM-226	13982-63-3	0.47	0.54	pCi/g		V
43393	BH40512AE	0	5	FT	RADIUM-226	13982-63-3	0.42	0.58	pCi/g		V
43393	BH40517AE	5	8	FT	RADIUM-226	13982-63-3	0.36	1.9	pCi/g		V
46593	BH40700AE	1	3	FT	RADIUM-226	13982-63-3	0.191	1.822	pCi/g	X	V
46593	BH40702AE	3	5	FT	RADIUM-226	13982-63-3	0.379	1	pCi/g	X	V
46593	BH40703AE	5	7	FT	RADIUM-226	13982-63-3	0.192	1.585	pCi/g	X	V
46593	BH40705AE	5	9	FT	RADIUM-226	13982-63-3	0.258	1.893	pCi/g	X	V
46693	BH40715AE	0	2	FT	RADIUM-226	13982-63-3	0.479	5.888	pCi/g	X	V
46693	BH40717AE	2	4	FT	RADIUM-226	13982-63-3	0.319	1.243	pCi/g	X	V
46693	BH40718AE	5	7	FT	RADIUM-226	13982-63-3	0.234	2.113	pCi/g	X	V
46793	BH40729AE	0	2	FT	RADIUM-226	13982-63-3	0.233	3.072	pCi/g	X	A
46793	BH40731AE	2	4	FT	RADIUM-226	13982-63-3	0.216	2.069	pCi/g	X	A
46793	BH40732AE	4	6	FT	RADIUM-226	13982-63-3	0.198	2.243	pCi/g	X	A
46893	BH40743AE	0	2	FT	RADIUM-226	13982-63-3	0.187	0.9226	pCi/g	X	A
46893	BH40745AE	2	5	FT	RADIUM-226	13982-63-3	0.178	1.07	pCi/g	X	A
46893	BH40746AE	5	7	FT	RADIUM-226	13982-63-3	0.162	0.951	pCi/g	X	A
46993	BH40757AE	1	3	FT	RADIUM-226	13982-63-3	0.193	4.538	pCi/g	X	A
46993	BH40759AE	3	5	FT	RADIUM-226	13982-63-3	0.181	2.864	pCi/g	X	A
47093	BH40771AE	1	3	FT	RADIUM-226	13982-63-3	0.208	1.164	pCi/g	X	A
47093	BH40773AE	3	5	FT	RADIUM-226	13982-63-3	0.21	1.101	pCi/g	X	A
47093	BH40774AE	5	7	FT	RADIUM-226	13982-63-3	0.204	1.301	pCi/g	X	A
P207589	SEP0389BR0003	0	3	FT	RADIUM-226	13982-63-3	0.1	0.7	pCi/g		
P207589	SEP0389BR0309	3	9	FT	RADIUM-226	13982-63-3	0.1	0.9	pCi/g		
P208889	SEP1689BR0004	0	4	FT	RADIUM-226	13982-63-3		1.1	pCi/g		
P208889	SEP1689BR0410	4	10	FT	RADIUM-226	13982-63-3		0.8	pCi/g		
P208989	SEP1789BR0309	3	9	FT	RADIUM-226	13982-63-3		1.1	pCi/g		
P209089	SEP1889BR0003	0	3	FT	RADIUM-226	13982-63-3	0.1	0.9	pCi/g		
P209089	SEP1889BR0309	4	9	FT	RADIUM-226	13982-63-3	0.1	0.7	pCi/g		
P209189	SEP1989BR0003	0	3	FT	RADIUM-226	13982-63-3	0.1	0.8	pCi/g		
P209489	SEP2289BR0307	3	7	FT	RADIUM-226	13982-63-3	0.1	0.6	pCi/g		
P209589	SEP2389BR0004	0	4	FT	RADIUM-226	13982-63-3		1.1	pCi/g		
P209589	SEP2389BR0410	4	10	FT	RADIUM-226	13982-63-3		0.9	pCi/g		
P209889	SEP2689BR0410	4	10	FT	RADIUM-226	13982-63-3	0.1	1	pCi/g		
P210189	SEP3089BR0003	0	3	FT	RADIUM-226	13982-63-3	0.1	1	pCi/g		

311

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P210189	SEP3089BR0309	3	9	FT	RADIUM-226	13982-63-3	0.1	0.7	pCi/g		
P210289	SEP3189BR0003	0	3	FT	RADIUM-226	13982-63-3	0.1	0.7	pCi/g		
P210289	SEP3189BR0306	3	5	FT	RADIUM-226	13982-63-3	0.1	0.7	pCi/g		
42493	SS40083AE	5	7	IN	RADIUM-226	13982-63-3	0.45	1.1	pCi/g		V
46593	SS40140AE	7	8	IN	RADIUM-226	13982-63-3	0.351	4.912	pCi/g	X	V
46993	SS40144AE	10	16	IN	RADIUM-226	13982-63-3	0.228	4.428	pCi/g	X	A
48195	BH00101PE	0	2	FT	RADIUM-228	15262-20-1	0	1.733	pCi/g	X	Y
48195	BH00102PE	2	4	FT	RADIUM-228	15262-20-1	0	0.9866	pCi/g	X	Y
48195	BH00103PE	4	6	FT	RADIUM-228	15262-20-1	0	1.209	pCi/g	X	Y
48295	BH00104PE	0	2	FT	RADIUM-228	15262-20-1	0	1.858	pCi/g	X	Y
48295	BH00105PE	2	4	FT	RADIUM-228	15262-20-1	0	1.696	pCi/g	X	Y
48295	BH00106PE	4	6	FT	RADIUM-228	15262-20-1	0	1.351	pCi/g	X	Y
48395	BH00107PE	0	2	FT	RADIUM-228	15262-20-1	0	1.649	pCi/g	X	Y
48395	BH00108PE	2	4	FT	RADIUM-228	15262-20-1	0	1.54	pCi/g	X	Y
41193	BH40049AE	0	6	FT	RADIUM-228	15262-20-1	2.6	2.2	pCi/g	U	V
43893	BH40070AE	0	6	FT	RADIUM-228	15262-20-1	1.2	1.8	pCi/g		V
41293	BH40196AE	0	3	FT	RADIUM-228	15262-20-1	1	2.1	pCi/g		V
40993	BH40201AE	0	5	FT	RADIUM-228	15262-20-1	0.89	1.9	pCi/g		V
41693	BH40217AE	0	5	FT	RADIUM-228	15262-20-1	0.81	1.9	pCi/g		V
41793	BH40243AE	0	5	FT	RADIUM-228	15262-20-1	0.86	1.5	pCi/g		V
42293	BH40253AE	1	6	FT	RADIUM-228	15262-20-1	0.11	0.9559	pCi/g	X	A
42393	BH40261AE	0	5	FT	RADIUM-228	15262-20-1	1.1	2.4	pCi/g		V
43193	BH40306AE	0	5	FT	RADIUM-228	15262-20-1	0.94	1.9	pCi/g		V
43493	BH40319AE	0	5	FT	RADIUM-228	15262-20-1	0.09	1.195	pCi/g	X	A
43493	BH40322AE	5	10	FT	RADIUM-228	15262-20-1	0.07	0.9925	pCi/g	X	A
43793	BH40332AE	0	5	FT	RADIUM-228	15262-20-1	1.3	2.5	pCi/g		V
44093	BH40348AE	0	6	FT	RADIUM-228	15262-20-1	0.76	1.7	pCi/g		V
43993	BH40353AE	0	5	FT	RADIUM-228	15262-20-1	0.152	1.226	pCi/g	X	A
42193	BH40425AE	0	2	FT	RADIUM-228	15262-20-1	0.78	3	pCi/g		V
42193	BH40426AE	0	4	FT	RADIUM-228	15262-20-1	0.66	1.7	pCi/g		V
42193	BH40427AE	0	5	FT	RADIUM-228	15262-20-1	0.61	1.7	pCi/g		V
42493	BH40438AE	0	2	FT	RADIUM-228	15262-20-1	0.6	1.9	pCi/g		V
42493	BH40439AE	0	4	FT	RADIUM-228	15262-20-1	0.91	1.6	pCi/g		V
42493	BH40440AE	0	5	FT	RADIUM-228	15262-20-1	0.75	2.6	pCi/g		V
42493	BH40441AE	4	8	FT	RADIUM-228	15262-20-1	1.1	2.4	pCi/g		V
42593	BH40446AE	0	2	FT	RADIUM-228	15262-20-1	0.67	2.9	pCi/g		V
42593	BH40447AE	0	4	FT	RADIUM-228	15262-20-1	0.61	1.6	pCi/g		V
42593	BH40448AE	0	5	FT	RADIUM-228	15262-20-1	0.76	1.9	pCi/g		V
42593	BH40449AE	4	8	FT	RADIUM-228	15262-20-1	0.74	2.2	pCi/g		V
43393	BH40510AE	0	2	FT	RADIUM-228	15262-20-1	0.66	2.4	pCi/g		V
43393	BH40511AE	0	4	FT	RADIUM-228	15262-20-1	0.78	2.6	pCi/g		V
43393	BH40512AE	0	5	FT	RADIUM-228	15262-20-1	0.85	1.7	pCi/g		V
43393	BH40517AE	5	8	FT	RADIUM-228	15262-20-1	0.89	1.8	pCi/g		V
43693	BH40518AE	0	2	FT	RADIUM-228	15262-20-1	0.209	1.496	pCi/g	X	A
43693	BH40519AE	0	4	FT	RADIUM-228	15262-20-1	0.077	1.171	pCi/g	X	A
43693	BH40520AE	0	5	FT	RADIUM-228	15262-20-1	0.162	1.32	pCi/g	X	A
46593	BH40700AE	1	3	FT	RADIUM-228	15262-20-1	0.079	1.026	pCi/g	X	V
46593	BH40702AE	3	5	FT	RADIUM-228	15262-20-1	0.092	1.422	pCi/g	X	V
46593	BH40703AE	5	7	FT	RADIUM-228	15262-20-1	0.097	1.02	pCi/g	X	V
46593	BH40705AE	5	9	FT	RADIUM-228	15262-20-1	0.115	1.03	pCi/g	X	V
46693	BH40715AE	0	2	FT	RADIUM-228	15262-20-1	0.112	1.238	pCi/g	X	V
46693	BH40717AE	2	4	FT	RADIUM-228	15262-20-1	0.083	0.8921	pCi/g	X	V
46693	BH40718AE	5	7	FT	RADIUM-228	15262-20-1	0.1	1.247	pCi/g	X	V
46793	BH40729AE	0	2	FT	RADIUM-228	15262-20-1	0.083	0.8488	pCi/g	X	V
46793	BH40731AE	2	4	FT	RADIUM-228	15262-20-1	0.093	1.201	pCi/g	X	V
46793	BH40732AE	4	6	FT	RADIUM-228	15262-20-1	0.09	0.9016	pCi/g	X	V
46893	BH40743AE	0	2	FT	RADIUM-228	15262-20-1	0.077	0.9391	pCi/g	X	V
46893	BH40745AE	2	5	FT	RADIUM-228	15262-20-1	0.078	0.9907	pCi/g	X	V
46893	BH40746AE	5	7	FT	RADIUM-228	15262-20-1	0.08	0.8748	pCi/g	X	V
46993	BH40757AE	1	3	FT	RADIUM-228	15262-20-1	0.086	1.142	pCi/g	X	V
46993	BH40759AE	3	5	FT	RADIUM-228	15262-20-1	0.072	1.076	pCi/g	X	V
47093	BH40771AE	1	3	FT	RADIUM-228	15262-20-1	0.089	1.016	pCi/g	X	V
47093	BH40773AE	3	5	FT	RADIUM-228	15262-20-1	0.095	0.6438	pCi/g	X	V
47093	BH40774AE	5	7	FT	RADIUM-228	15262-20-1	0.082	1.43	pCi/g	X	V
P207589	SEP0389BR0003	0	3	FT	RADIUM-228	15262-20-1	0.1	1.4	pCi/g		
P207589	SEP0389BR0309	3	9	FT	RADIUM-228	15262-20-1	0.1	1.3	pCi/g		
P208889	SEP1689BR0004	0	4	FT	RADIUM-228	15262-20-1	0.4	1.1	pCi/g		
P208889	SEP1689BR0410	4	10	FT	RADIUM-228	15262-20-1	0.4	1.3	pCi/g		
P208989	SEP1789BR0309	3	9	FT	RADIUM-228	15262-20-1	0.3	0.9	pCi/g		
P209089	SEP1889BR0003	0	3	FT	RADIUM-228	15262-20-1	0.1	1	pCi/g		

412

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209089	SEP1889BR0309	4	9	FT	RADIUM-228	15262-20-1	0.1	1	pCi/g		
P209189	SEP1989BR0003	0	3	FT	RADIUM-228	15262-20-1	0.1	1.5	pCi/g		
P209489	SEP2289BR0307	3	7	FT	RADIUM-228	15262-20-1	0.4	0.9	pCi/g		
P209589	SEP2389BR0004	0	4	FT	RADIUM-228	15262-20-1	0.3	1.5	pCi/g		
P209589	SEP2389BR0410	4	10	FT	RADIUM-228	15262-20-1	0.3	1.5	pCi/g		
P209889	SEP2689BR0410	4	10	FT	RADIUM-228	15262-20-1	0.4	1.5	pCi/g		
P210189	SEP3089BR0003	0	3	FT	RADIUM-228	15262-20-1	0.1	1.3	pCi/g		
P210189	SEP3089BR0309	3	9	FT	RADIUM-228	15262-20-1	0.1	1.5	pCi/g		
P210289	SEP3189BR0003	0	3	FT	RADIUM-228	15262-20-1	0.1	1.4	pCi/g		
P210289	SEP3189BR0306	3	5	FT	RADIUM-228	15262-20-1	0.1	1.2	pCi/g		
42493	SS40083AE	5	7	IN	RADIUM-228	15262-20-1	0.75	3.9	pCi/g		V
46593	SS40140AE	7	8	IN	RADIUM-228	15262-20-1	0.101	1.454	pCi/g	X	V
46993	SS40144AE	10	16	IN	RADIUM-228	15262-20-1	0.074	1.113	pCi/g	X	V
48195	BH00101PE	0	2	FT	STRONTIUM-89,90	11-10-9	0.0726	0.04397	pCi/g	U	Y
48195	BH00102PE	2	4	FT	STRONTIUM-89,90	11-10-9	0.0678	0.0253	pCi/g	U	Y
48195	BH00103PE	4	6	FT	STRONTIUM-89,90	11-10-9	0.0632	0.09553	pCi/g		Y
48295	BH00104PE	0	2	FT	STRONTIUM-89,90	11-10-9	0.0821	0.01577	pCi/g	U	Y
48295	BH00105PE	2	4	FT	STRONTIUM-89,90	11-10-9	0.898	0.06383	pCi/g	U	Y
48295	BH00106PE	4	6	FT	STRONTIUM-89,90	11-10-9	0.961	0.2021	pCi/g	U	Y
48395	BH00107PE	0	2	FT	STRONTIUM-89,90	11-10-9	0.0906	0.08589	pCi/g	U	Y
48395	BH00108PE	2	4	FT	STRONTIUM-89,90	11-10-9	0.0802	0.1524	pCi/g		Y
41193	BH40049AE	0	6	FT	STRONTIUM-89,90	11-10-9	0.22	0.49	pCi/g	J	V
41993	BH40062AE	0	6	FT	STRONTIUM-89,90	11-10-9	0.3	-0.031	pCi/g	U	V
43893	BH40070AE	0	6	FT	STRONTIUM-89,90	11-10-9	0.2	0.17	pCi/g	U	V
41293	BH40196AE	0	3	FT	STRONTIUM-89,90	11-10-9	0.32	0.14	pCi/g	U	A
40993	BH40201AE	0	5	FT	STRONTIUM-89,90	11-10-9	0.3	0.32	pCi/g	J	A
41693	BH40217AE	0	5	FT	STRONTIUM-89,90	11-10-9	0.27	0.3	pCi/g	BJ	A
41793	BH40243AE	0	5	FT	STRONTIUM-89,90	11-10-9	0.3	0.33	pCi/g	BJ	A
42293	BH40253AE	1	6	FT	STRONTIUM-89,90	11-10-9	0.038385	0.6828	pCi/g		A
42393	BH40261AE	0	5	FT	STRONTIUM-89,90	11-10-9	0.36	0.31	pCi/g	U	A
43193	BH40306AE	0	5	FT	STRONTIUM-89,90	11-10-9	0.57	0.62	pCi/g	J	J
43493	BH40319AE	0	5	FT	STRONTIUM-89,90	11-10-9	0.0877958	0.1481	pCi/g		J
43493	BH40322AE	5	10	FT	STRONTIUM-89,90	11-10-9	0.0437286	0.05734	pCi/g		A
43793	BH40332AE	0	5	FT	STRONTIUM-89,90	11-10-9	0.48	0.29	pCi/g	U	A
44093	BH40348AE	0	6	FT	STRONTIUM-89,90	11-10-9	0.3	0.34	pCi/g	J	A
43993	BH40353AE	0	5	FT	STRONTIUM-89,90	11-10-9	0.0469396	0.1368	pCi/g		V
41593	BH40417AE	0	2	FT	STRONTIUM-89,90	11-10-9	0.27	0.25	pCi/g	U	V
41593	BH40418AE	2	4	FT	STRONTIUM-89,90	11-10-9	0.3	0.32	pCi/g	J	V
41593	BH40419AE	4	6	FT	STRONTIUM-89,90	11-10-9	0.27	0.17	pCi/g	U	V
42193	BH40425AE	0	2	FT	STRONTIUM-89,90	11-10-9	0.33	0.21	pCi/g	U	V
42193	BH40426AE	0	4	FT	STRONTIUM-89,90	11-10-9	0.34	0.28	pCi/g	U	V
42193	BH40427AE	0	5	FT	STRONTIUM-89,90	11-10-9	0.27	0.47	pCi/g	J	V
42493	BH40438AE	0	2	FT	STRONTIUM-89,90	11-10-9	0.33	0.34	pCi/g	J	V
42493	BH40439AE	0	4	FT	STRONTIUM-89,90	11-10-9	0.35	0.45	pCi/g	J	V
42493	BH40440AE	0	5	FT	STRONTIUM-89,90	11-10-9	0.26	0.24	pCi/g	U	V
42493	BH40441AE	4	8	FT	STRONTIUM-89,90	11-10-9	0.27	0.27	pCi/g	J	V
42593	BH40446AE	0	2	FT	STRONTIUM-89,90	11-10-9	0.42	0.74	pCi/g	J	V
42593	BH40447AE	0	4	FT	STRONTIUM-89,90	11-10-9	0.3	0.26	pCi/g	U	V
42593	BH40448AE	0	5	FT	STRONTIUM-89,90	11-10-9	0.24	0.38	pCi/g	J	V
42593	BH40449AE	4	8	FT	STRONTIUM-89,90	11-10-9	0.37	0.35	pCi/g	U	V
43393	BH40510AE	0	2	FT	STRONTIUM-89,90	11-10-9	0.31	0.14	pCi/g	U	V
43393	BH40512AE	0	5	FT	STRONTIUM-89,90	11-10-9	0.28	0.19	pCi/g	U	V
43393	BH40517AE	5	8	FT	STRONTIUM-89,90	11-10-9	0.24	0.33	pCi/g	J	V
43693	BH40518AE	0	2	FT	STRONTIUM-89,90	11-10-9	0.039938	0.5517	pCi/g		V
43693	BH40519AE	0	4	FT	STRONTIUM-89,90	11-10-9	0.0382894	0.5343	pCi/g		V
43693	BH40520AE	0	5	FT	STRONTIUM-89,90	11-10-9	0.0465568	0.05148	pCi/g		V
46593	BH40700AE	1	3	FT	STRONTIUM-89,90	11-10-9	0.0371925	0.1247	pCi/g		A
46593	BH40702AE	3	5	FT	STRONTIUM-89,90	11-10-9	0.0418328	0.1313	pCi/g		V
46593	BH40703AE	5	7	FT	STRONTIUM-89,90	11-10-9	0.0461569	0.01622	pCi/g	U	A
46593	BH40705AE	5	9	FT	STRONTIUM-89,90	11-10-9	0.0453546	0.0347	pCi/g	U	A
46693	BH40715AE	0	2	FT	STRONTIUM-89,90	11-10-9	0.0679549	0.0786	pCi/g		V
46693	BH40717AE	2	4	FT	STRONTIUM-89,90	11-10-9	0.0445146	0.05828	pCi/g		V
46693	BH40718AE	5	7	FT	STRONTIUM-89,90	11-10-9	0.0412629	0.1386	pCi/g		A
46793	BH40729AE	0	2	FT	STRONTIUM-89,90	11-10-9	0.0433924	0.06192	pCi/g		A
46793	BH40731AE	2	4	FT	STRONTIUM-89,90	11-10-9	0.0408607	0.4763	pCi/g		A
46793	BH40732AE	4	6	FT	STRONTIUM-89,90	11-10-9	0.0377431	0.7136	pCi/g		A
46893	BH40743AE	0	2	FT	STRONTIUM-89,90	11-10-9	0.0396178	0.1741	pCi/g		A
46893	BH40745AE	2	5	FT	STRONTIUM-89,90	11-10-9	0.0609524	0.64	pCi/g		A
46893	BH40746AE	5	7	FT	STRONTIUM-89,90	11-10-9	0.063754	0.7258	pCi/g		A
46993	BH40757AE	1	3	FT	STRONTIUM-89,90	11-10-9	0.0384514	0.6789	pCi/g		A

413

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46993	BH40759AE	3	5	FT	STRONTIUM-89,90	11-10-9	0.0642034	0.01391	pCi/g	U	A
47093	BH40771AE	1	3	FT	STRONTIUM-89,90	11-10-9	0.0455461	0.1972	pCi/g		A
47093	BH40773AE	3	5	FT	STRONTIUM-89,90	11-10-9	0.0384482	0.09469	pCi/g		A
47093	BH40774AE	5	7	FT	STRONTIUM-89,90	11-10-9	0.0451407	0.04243	pCi/g	U	A
P208889	SEP1689BR0004	0	4	FT	STRONTIUM-89,90	11-10-9		-0.4	pCi/g		
P208889	SEP1689BR0410	4	10	FT	STRONTIUM-89,90	11-10-9		-0.3	pCi/g		
P208989	SEP1789BR0309	3	9	FT	STRONTIUM-89,90	11-10-9		0	pCi/g		
P209589	SEP2389BR0004	0	4	FT	STRONTIUM-89,90	11-10-9		-0.2	pCi/g		
P209589	SEP2389BR0410	4	10	FT	STRONTIUM-89,90	11-10-9		-0.2	pCi/g		
SP0187	SP018704DH	4	5	FT	STRONTIUM-89,90	11-10-9		-0.1	pCi/g		
SP0187	SP018705DH	5	6	FT	STRONTIUM-89,90	11-10-9		-0.3	pCi/g		
SP0287	SP02870008	0	10	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP0387	SP038702DH	2	4	FT	STRONTIUM-89,90	11-10-9		0	pCi/g		
SP0487	SP048702DH	2	4	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP0487	SP048704DH	4	6	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP0587	SP058702DH	2	3	FT	STRONTIUM-89,90	11-10-9		0	pCi/g		
SP0587	SP058704DH	4	6	FT	STRONTIUM-89,90	11-10-9		-0.2	pCi/g		
SP0787	SP078700DH	0	2	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP0787	SP078702DH	2	4	FT	STRONTIUM-89,90	11-10-9		0	pCi/g		
SP0887	SP088703UC	4	6	FT	STRONTIUM-89,90	11-10-9		0.4	pCi/g		
SP0987	SP098703UC	3	5	FT	STRONTIUM-89,90	11-10-9		-0.1	pCi/g		
SP1087	SP108700DH	0	2	FT	STRONTIUM-89,90	11-10-9		-0.6	pCi/g		
SP1087	SP108702DH	2	4	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP1087	SP108704BR	4	5	FT	STRONTIUM-89,90	11-10-9		-0.3	pCi/g		
SP1087	SP108705DH	5	7	FT	STRONTIUM-89,90	11-10-9		0.1	pCi/g		
SP1387	SP138700UC	0	2	FT	STRONTIUM-89,90	11-10-9		0	pCi/g		
SP1387	SP138701CT	2	4	FT	STRONTIUM-89,90	11-10-9		0.5	pCi/g		
SP1387	SP138703BR	4	6	FT	STRONTIUM-89,90	11-10-9		-0.4	pCi/g		
42493	SS40083AE	5	7	IN	STRONTIUM-89,90	11-10-9	0.36	-0.01	pCi/g	U	A
46593	SS40140AE	7	8	IN	STRONTIUM-89,90	11-10-9	0.0393152	0.1084	pCi/g		V
46993	SS40144AE	10	16	IN	STRONTIUM-89,90	11-10-9	0.0517119	0.5265	pCi/g		A
P207589	SEP0389BR0003	0	3	FT	STRONTIUM-90	10098-97-2	0.9	-0.1	pCi/g	U	
P207589	SEP0389BR0309	3	9	FT	STRONTIUM-90	10098-97-2	1.4	-0.5	pCi/g	U	
P209089	SEP1889BR0003	0	3	FT	STRONTIUM-90	10098-97-2	0.7	-0.2	pCi/g	U	
P209089	SEP1889BR0309	4	9	FT	STRONTIUM-90	10098-97-2	1.2	-0.2	pCi/g	U	
P209189	SEP1989BR0003	0	3	FT	STRONTIUM-90	10098-97-2	1.3	-0.3	pCi/g	U	
P209489	SEP2289BR0307	3	7	FT	STRONTIUM-90	10098-97-2	1.2	0.5	pCi/g	U	
P209889	SEP2689BR0410	4	10	FT	STRONTIUM-90	10098-97-2	1.3	-0.3	pCi/g	U	
P210189	SEP3089BR0003	0	3	FT	STRONTIUM-90	10098-97-2	1	0	pCi/g	U	
P210189	SEP3089BR0309	3	9	FT	STRONTIUM-90	10098-97-2	0.9	2.6	pCi/g		
P210289	SEP3189BR0003	0	3	FT	STRONTIUM-90	10098-97-2	0.9	-0.2	pCi/g	U	
P210289	SEP3189BR0306	3	5	FT	STRONTIUM-90	10098-97-2	0.7	0.2	pCi/g	U	
SP0187	SP018704DH	4	5	FT	TRITIUM	10028-17-8		0.64	pCi/g	<	N
SP0187	SP018705DH	5	6	FT	TRITIUM	10028-17-8		0.64	pCi/g	<	N
SP0287	SP02870008	0	10	FT	TRITIUM	10028-17-8		0.64	pCi/g	<	N
SP0487	SP048702DH	2	4	FT	TRITIUM	10028-17-8		0.61	pCi/g	<	N
SP0487	SP048704DH	4	6	FT	TRITIUM	10028-17-8		1.3	pCi/g		N
SP0587	SP058702DH	2	3	FT	TRITIUM	10028-17-8		0.64	pCi/g	<	N
SP0587	SP058704DH	4	6	FT	TRITIUM	10028-17-8		0.63	pCi/g	<	N
SP0787	SP078700DH	0	2	FT	TRITIUM	10028-17-8		0.66	pCi/g	<	N
SP0787	SP078702DH	2	4	FT	TRITIUM	10028-17-8		0.66	pCi/g	<	N
SP0887	SP088703UC	4	6	FT	TRITIUM	10028-17-8		3	pCi/g		N
SP0987	SP098703UC	3	5	FT	TRITIUM	10028-17-8		0.86	pCi/g		N
SP1087	SP108700DH	0	2	FT	TRITIUM	10028-17-8		0.62	pCi/g	<	N
SP1087	SP108702DH	2	4	FT	TRITIUM	10028-17-8		0.61	pCi/g	<	N
SP1087	SP108704BR	4	5	FT	TRITIUM	10028-17-8		0.61	pCi/g	<	N
SP1087	SP108705DH	5	7	FT	TRITIUM	10028-17-8		0.63	pCi/g	<	N
SP1387	SP138700UC	0	2	FT	TRITIUM	10028-17-8		0.58	pCi/g	<	N
SP1387	SP138701CT	2	4	FT	TRITIUM	10028-17-8		0.58	pCi/g	<	N
SP1387	SP138703BR	4	6	FT	TRITIUM	10028-17-8		0.58	pCi/g	<	N
48195	BH00101PE	0	2	FT	URANIUM-233,-234	11-08-5	0.005	10.353	pCi/g		V
48195	BH00102PE	2	4	FT	URANIUM-233,-234	11-08-5	0.011	3.938	pCi/g		V
48195	BH00103PE	4	6	FT	URANIUM-233,-234	11-08-5	0.005	1.755	pCi/g		V
48295	BH00104PE	0	2	FT	URANIUM-233,-234	11-08-5	0.007	3.015	pCi/g		V
48295	BH00105PE	2	4	FT	URANIUM-233,-234	11-08-5	0.008	3.111	pCi/g		V
48295	BH00106PE	4	6	FT	URANIUM-233,-234	11-08-5	0.014	6.098	pCi/g		V
48395	BH00107PE	0	2	FT	URANIUM-233,-234	11-08-5	0.005	14.371	pCi/g		V
48395	BH00108PE	2	4	FT	URANIUM-233,-234	11-08-5	0.005	1.915	pCi/g		V
48395	BH00109PE	4	5	FT	URANIUM-233,-234	11-08-5	0.013	2.232	pCi/g		V
05093	BH00061AE	0	6	FT	URANIUM-234	11-08-5	0.012	0.673	pCi/g		A

2124

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05193	BH00066AE	0	5	FT	URANIUM-234	11-08-5	0.024	0.679	pCi/g		A
05393	BH00076AE	0	5	FT	URANIUM-234	11-08-5	0.03	0.844	pCi/g		A
44593	BH40001AE	0	6	FT	URANIUM-234	11-08-5	0.02	0.438	pCi/g		A
40893	BH40030AE	0	7	FT	URANIUM-234	11-08-5	0.027	0.518	pCi/g		A
44393	BH40033AE	0	5	FT	URANIUM-234	11-08-5	0.026	0.67	pCi/g	B	V
41193	BH40049AE	0	6	FT	URANIUM-234	11-08-5	0.025	0.75	pCi/g	B	V
41993	BH40062AE	0	6	FT	URANIUM-234	11-08-5	0.09	1	pCi/g		V
43893	BH40070AE	0	6	FT	URANIUM-234	11-08-5	0.061	0.91	pCi/g	B	V
40293	BH40118AE	0	3	FT	URANIUM-234	11-08-5	0.018	1.8	pCi/g	B	A
40393	BH40123AE	0	5	FT	URANIUM-234	11-08-5	0.059	1.6	pCi/g	B	V
42993	BH40141AE	1	6	FT	URANIUM-234	11-08-5	0.022	1.8	pCi/g		A
40793	BH40157AE	0	5	FT	URANIUM-234	11-08-5	0.012	1.3	pCi/g	B	A
44893	BH40188AE	0	5	FT	URANIUM-234	11-08-5	0.025	1.15	pCi/g		A
41293	BH40196AE	0	3	FT	URANIUM-234	11-08-5	0.031	1.3	pCi/g	B	A
40993	BH40201AE	0	5	FT	URANIUM-234	11-08-5	0.034	2.7	pCi/g	B	A
41693	BH40217AE	0	5	FT	URANIUM-234	11-08-5	0.011	9.3	pCi/g	B	A
41793	BH40243AE	0	5	FT	URANIUM-234	11-08-5	0.049	1.9	pCi/g	B	A
42293	BH40253AE	1	6	FT	URANIUM-234	11-08-5	0.125561	0.8929	pCi/g		A
42393	BH40261AE	0	5	FT	URANIUM-234	11-08-5	0.013	1.6	pCi/g		A
43193	BH40306AE	0	5	FT	URANIUM-234	11-08-5	0.014	1	pCi/g	B	A
43493	BH40319AE	0	5	FT	URANIUM-234	11-08-5	0.0595073	0.9911	pCi/g		A
43493	BH40322AE	5	10	FT	URANIUM-234	11-08-5	0.0664219	0.9099	pCi/g		A
43793	BH40332AE	0	5	FT	URANIUM-234	11-08-5	0.02	17	pCi/g	B	A
44093	BH40348AE	0	6	FT	URANIUM-234	11-08-5	0.05	0.78	pCi/g		A
43993	BH40353AE	0	5	FT	URANIUM-234	11-08-5	0.0466016	1.074	pCi/g		V
45693	BH40374AE	0	6	FT	URANIUM-234	11-08-5	0.015	1.4	pCi/g	B	V
45893	BH40377AE	0	5	FT	URANIUM-234	11-08-5	0.0305114	0.9945	pCi/g		A
46193	BH40385AE	0	6	FT	URANIUM-234	11-08-5	0.018	0.87	pCi/g	B	V
40793	BH40413AE	0	5	FT	URANIUM-234	11-08-5	0.012	1.5	pCi/g	B	A
41593	BH40417AE	0	2	FT	URANIUM-234	11-08-5	0.021	15	pCi/g	B	A
41593	BH40418AE	2	4	FT	URANIUM-234	11-08-5	0.038	12	pCi/g	B	A
41593	BH40419AE	4	6	FT	URANIUM-234	11-08-5	0.023	8.5	pCi/g	B	A
42193	BH40425AE	0	2	FT	URANIUM-234	11-08-5	0.024	21	pCi/g	B	V
42193	BH40426AE	0	4	FT	URANIUM-234	11-08-5	0.016	1.7	pCi/g	B	V
42193	BH40427AE	0	5	FT	URANIUM-234	11-08-5	0.051	1.1	pCi/g	B	V
42493	BH40438AE	0	2	FT	URANIUM-234	11-08-5	0.019	3.8	pCi/g	B	A
42493	BH40439AE	0	4	FT	URANIUM-234	11-08-5	0.063	0.91	pCi/g		A
42493	BH40440AE	0	5	FT	URANIUM-234	11-08-5	0.021	0.97	pCi/g	B	A
42493	BH40441AE	4	8	FT	URANIUM-234	11-08-5	0.018	0.84	pCi/g	B	A
42593	BH40446AE	0	2	FT	URANIUM-234	11-08-5	0.033	11	pCi/g		A
42593	BH40447AE	0	4	FT	URANIUM-234	11-08-5	0.038	1	pCi/g		A
42593	BH40448AE	0	5	FT	URANIUM-234	11-08-5	0.021	1.5	pCi/g	B	A
42593	BH40449AE	4	8	FT	URANIUM-234	11-08-5	0.021	1.2	pCi/g	B	A
42093	BH40483AE	0	5	FT	URANIUM-234	11-08-5	0.057	1.538	pCi/g		A
43393	BH40510AE	0	2	FT	URANIUM-234	11-08-5	0.036	4.9	pCi/g	B	V
43393	BH40511AE	0	4	FT	URANIUM-234	11-08-5	0.08	2.2	pCi/g	B	V
43393	BH40512AE	0	5	FT	URANIUM-234	11-08-5	0.01	4	pCi/g	B	V
43393	BH40517AE	5	8	FT	URANIUM-234	11-08-5	0.022	2.5	pCi/g	B	V
43693	BH40518AE	0	2	FT	URANIUM-234	11-08-5	0.020056	5.115	pCi/g		A
43693	BH40519AE	0	4	FT	URANIUM-234	11-08-5	0.0176228	3.903	pCi/g		A
43693	BH40520AE	0	5	FT	URANIUM-234	11-08-5	0.0216164	3.404	pCi/g		A
45793	BH40557AE	0	4	FT	URANIUM-234	11-08-5	0.011	0.59	pCi/g	B	A
46593	BH40700AE	1	3	FT	URANIUM-234	11-08-5	0.0922067	2.208	pCi/g		A
46593	BH40702AE	3	5	FT	URANIUM-234	11-08-5	0.0592196	0.5662	pCi/g		V
46593	BH40703AE	5	7	FT	URANIUM-234	11-08-5	0.0799851	2.343	pCi/g		A
46593	BH40705AE	5	9	FT	URANIUM-234	11-08-5	0.072843	1.596	pCi/g		A
46693	BH40715AE	0	2	FT	URANIUM-234	11-08-5	0.116943	14.54	pCi/g		V
46693	BH40717AE	2	4	FT	URANIUM-234	11-08-5	0.073596	1.472	pCi/g		V
46693	BH40718AE	5	7	FT	URANIUM-234	11-08-5	0.0921741	2.57	pCi/g		A
46793	BH40729AE	0	2	FT	URANIUM-234	11-08-5	0.114282	4.933	pCi/g		V
46793	BH40731AE	2	4	FT	URANIUM-234	11-08-5	0.137706	1.154	pCi/g		A
46793	BH40732AE	4	6	FT	URANIUM-234	11-08-5	0.0904282	1.433	pCi/g		A
46893	BH40743AE	0	2	FT	URANIUM-234	11-08-5	0.0867504	1.026	pCi/g		V
46893	BH40745AE	2	5	FT	URANIUM-234	11-08-5	0.101194	0.8734	pCi/g		V
46893	BH40746AE	5	7	FT	URANIUM-234	11-08-5	0.0863036	0.8201	pCi/g		V
46993	BH40757AE	1	3	FT	URANIUM-234	11-08-5	0.0724047	13.99	pCi/g		V
46993	BH40759AE	3	5	FT	URANIUM-234	11-08-5	0.084057	6.053	pCi/g		V
47093	BH40771AE	1	3	FT	URANIUM-234	11-08-5	0.115748	0.6156	pCi/g		A
47093	BH40773AE	3	5	FT	URANIUM-234	11-08-5	0.123584	0.3624	pCi/g		A
47093	BH40774AE	5	7	FT	URANIUM-234	11-08-5	0.126215	1.515	pCi/g		A

415

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P207589	SEP0389BR0003	0	3	FT	URANIUM-234	11-08-5	0.1	0.7	pCi/g		
P207589	SEP0389BR0309	3	9	FT	URANIUM-234	11-08-5	0.1	0.8	pCi/g		
P208889	SEP1689BR0004	0	4	FT	URANIUM-234	11-08-5	0.1	1.2	pCi/g		
P208889	SEP1689BR0410	4	10	FT	URANIUM-234	11-08-5	0.1	0.7	pCi/g		
P208989	SEP1789BR0309	3	9	FT	URANIUM-234	11-08-5	0.1	0.8	pCi/g		
P209089	SEP1889BR0003	0	3	FT	URANIUM-234	11-08-5	0.1	0	pCi/g	U	
P209089	SEP1889BR0309	4	9	FT	URANIUM-234	11-08-5	0.1	0.5	pCi/g		
P209189	SEP1989BR0003	0	3	FT	URANIUM-234	11-08-5	0.1	1.9	pCi/g		
P209489	SEP2289BR0307	3	7	FT	URANIUM-234	11-08-5	0.1	0.6	pCi/g		
P209589	SEP2389BR0004	0	4	FT	URANIUM-234	11-08-5	0.1	1	pCi/g		
P209589	SEP2389BR0410	4	10	FT	URANIUM-234	11-08-5	0.1	1.4	pCi/g		
P209889	SEP2689BR0410	4	10	FT	URANIUM-234	11-08-5	0.1	0.9	pCi/g		
P210189	SEP3089BR0003	0	3	FT	URANIUM-234	11-08-5	0.1	1.6	pCi/g		
P210189	SEP3089BR0309	3	9	FT	URANIUM-234	11-08-5	0.1	7.1	pCi/g		
P210289	SEP3189BR0003	0	3	FT	URANIUM-234	11-08-5	0.1	1.3	pCi/g		
P210289	SEP3189BR0306	3	5	FT	URANIUM-234	11-08-5	0.1	0.8	pCi/g		
SP0187	SP018704DH	4	5	FT	URANIUM-234	11-08-5		1.7	pCi/g		N
SP0187	SP018705DH	5	6	FT	URANIUM-234	11-08-5		2	pCi/g		N
SP0287	SP02870008	0	10	FT	URANIUM-234	11-08-5		1.5	pCi/g		N
SP0387	SP038702DH	2	4	FT	URANIUM-234	11-08-5		1.3	pCi/g		N
SP0487	SP048702DH	2	4	FT	URANIUM-234	11-08-5		1.6	pCi/g		N
SP0487	SP048704DH	4	6	FT	URANIUM-234	11-08-5		1.1	pCi/g		N
SP0587	SP058702DH	2	3	FT	URANIUM-234	11-08-5		0.75	pCi/g		N
SP0587	SP058704DH	4	6	FT	URANIUM-234	11-08-5		0.76	pCi/g		N
SP0787	SP078700DH	0	2	FT	URANIUM-234	11-08-5		0.97	pCi/g		N
SP0787	SP078702DH	2	4	FT	URANIUM-234	11-08-5		0.6	pCi/g		N
SP0887	SP088703UC	4	6	FT	URANIUM-234	11-08-5		1.1	pCi/g		N
SP0987	SP098703UC	3	5	FT	URANIUM-234	11-08-5		0.45	pCi/g		N
SP1087	SP108700DH	0	2	FT	URANIUM-234	11-08-5		1.4	pCi/g		N
SP1087	SP108702DH	2	4	FT	URANIUM-234	11-08-5		3.7	pCi/g		N
SP1087	SP108704BR	4	5	FT	URANIUM-234	11-08-5		1.6	pCi/g		N
SP1087	SP108705DH	5	7	FT	URANIUM-234	11-08-5		1	pCi/g		N
SP1387	SP138700UC	0	2	FT	URANIUM-234	11-08-5		0.77	pCi/g		N
SP1387	SP138701CT	2	4	FT	URANIUM-234	11-08-5		0.66	pCi/g		N
SP1387	SP138703BR	4	6	FT	URANIUM-234	11-08-5		1.3	pCi/g		N
42493	SS40083AE	5	7	IN	URANIUM-234	11-08-5	0.005	1.2	pCi/g	B	A
46593	SS40140AE	7	8	IN	URANIUM-234	11-08-5	0.0977423	14.17	pCi/g		V
46993	SS40144AE	10	16	IN	URANIUM-234	11-08-5	0.100228	11.78	pCi/g		V
05093	BH00061AE	0	6	FT	URANIUM-235	15117-96-1	0.015	0.0279	pCi/g		A
05193	BH00066AE	0	5	FT	URANIUM-235	15117-96-1	0.014	0.0622	pCi/g		A
05393	BH00076AE	0	5	FT	URANIUM-235	15117-96-1	0.031	0.0688	pCi/g		A
48195	BH00101PE	0	2	FT	URANIUM-235	15117-96-1	0.005	0.387	pCi/g		V
48195	BH00102PE	2	4	FT	URANIUM-235	15117-96-1	0.004	0.157	pCi/g		V
48195	BH00103PE	4	6	FT	URANIUM-235	15117-96-1	0.005	0.056	pCi/g		V
48295	BH00104PE	0	2	FT	URANIUM-235	15117-96-1	0.007	0.114	pCi/g		V
48295	BH00105PE	2	4	FT	URANIUM-235	15117-96-1	0.022	0.1	pCi/g		V
48295	BH00106PE	4	6	FT	URANIUM-235	15117-96-1	0.005	0.195	pCi/g		V
48395	BH00107PE	0	2	FT	URANIUM-235	15117-96-1	0.005	0.461	pCi/g		V
48395	BH00108PE	2	4	FT	URANIUM-235	15117-96-1	0.005	0.072	pCi/g		V
48395	BH00109PE	4	5	FT	URANIUM-235	15117-96-1	0.013	0.083	pCi/g		V
44593	BH40001AE	0	6	FT	URANIUM-235	15117-96-1	0	0.0194	pCi/g		A
40893	BH40030AE	0	7	FT	URANIUM-235	15117-96-1	0.019	0.0091	pCi/g	U	A
44393	BH40033AE	0	5	FT	URANIUM-235	15117-96-1	0.026	0.053	pCi/g	J	V
41193	BH40049AE	0	6	FT	URANIUM-235	15117-96-1	0.025	0.09	pCi/g	J	V
41993	BH40062AE	0	6	FT	URANIUM-235	15117-96-1	0.09	0.12	pCi/g	J	V
43893	BH40070AE	0	6	FT	URANIUM-235	15117-96-1	0.023	0.028	pCi/g	J	V
40293	BH40118AE	0	3	FT	URANIUM-235	15117-96-1	0.031	0.063	pCi/g	J	A
40393	BH40123AE	0	5	FT	URANIUM-235	15117-96-1	0.038	0.023	pCi/g	U	V
42993	BH40141AE	1	6	FT	URANIUM-235	15117-96-1	0	0.0954	pCi/g		A
40793	BH40157AE	0	5	FT	URANIUM-235	15117-96-1	0.005	0.065	pCi/g	BJ	A
44893	BH40188AE	0	5	FT	URANIUM-235	15117-96-1	0.025	0	pCi/g	U	A
41293	BH40196AE	0	3	FT	URANIUM-235	15117-96-1	0.049	0.038	pCi/g	U	A
40993	BH40201AE	0	5	FT	URANIUM-235	15117-96-1	0.057	0.035	pCi/g	U	A
41693	BH40217AE	0	5	FT	URANIUM-235	15117-96-1	0.011	0.39	pCi/g		A
41793	BH40243AE	0	5	FT	URANIUM-235	15117-96-1	0.029	0.069	pCi/g	J	A
42293	BH40253AE	1	6	FT	URANIUM-235	15117-96-1	0.0971568	0.02003	pCi/g	U	A
42393	BH40261AE	0	5	FT	URANIUM-235	15117-96-1	0.022	0.044	pCi/g	J	A
43193	BH40306AE	0	5	FT	URANIUM-235	15117-96-1	0.014	0.097	pCi/g	J	A
43493	BH40319AE	0	5	FT	URANIUM-235	15117-96-1	0.0638043	0.06285	pCi/g	U	A
43493	BH40322AE	5	10	FT	URANIUM-235	15117-96-1	0.053318	0.06335	pCi/g		A

2116

Table A.8 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Less Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43793	BH40332AE	0	5	FT	URANIUM-235	15117-96-1	0.012	0.54	pCi/g		A
44093	BH40348AE	0	6	FT	URANIUM-235	15117-96-1	0.014	0.017	pCi/g	BJ	A
43993	BH40353AE	0	5	FT	URANIUM-235	15117-96-1	0.0530821	0.03066	pCi/g	U	V
45693	BH40374AE	0	6	FT	URANIUM-235	15117-96-1	0.015	0.11	pCi/g	BJ	V
45893	BH40377AE	0	5	FT	URANIUM-235	15117-96-1	0.0262611	0.02933	pCi/g		A
46193	BH40385AE	0	6	FT	URANIUM-235	15117-96-1	0.031	0.062	pCi/g	J	V
40793	BH40413AE	0	5	FT	URANIUM-235	15117-96-1	0.005	0.068	pCi/g	BJ	A
41593	BH40417AE	0	2	FT	URANIUM-235	15117-96-1	0.013	0.59	pCi/g	B	A
41593	BH40418AE	2	4	FT	URANIUM-235	15117-96-1	0.012	0.3	pCi/g	B	A
41593	BH40419AE	4	6	FT	URANIUM-235	15117-96-1	0.014	0.27	pCi/g	BJ	A
42193	BH40425AE	0	2	FT	URANIUM-235	15117-96-1	0.014	0.87	pCi/g	B	V
42193	BH40426AE	0	4	FT	URANIUM-235	15117-96-1	0.016	0.14	pCi/g	BJ	V
42193	BH40427AE	0	5	FT	URANIUM-235	15117-96-1	0.03	0.18	pCi/g	J	V
42493	BH40438AE	0	2	FT	URANIUM-235	15117-96-1	0.032	0.29	pCi/g	J	A
42493	BH40439AE	0	4	FT	URANIUM-235	15117-96-1	0.024	0.14	pCi/g	J	A
42493	BH40440AE	0	5	FT	URANIUM-235	15117-96-1	0.064	0.11	pCi/g	J	A
42493	BH40441AE	4	8	FT	URANIUM-235	15117-96-1	0.018	0.086	pCi/g	J	A
42593	BH40446AE	0	2	FT	URANIUM-235	15117-96-1	0.019	0.26	pCi/g	J	A
42593	BH40447AE	0	4	FT	URANIUM-235	15117-96-1	0.012	0.044	pCi/g	J	A
42593	BH40448AE	0	5	FT	URANIUM-235	15117-96-1	0.013	0.075	pCi/g	J	A
42593	BH40449AE	4	8	FT	URANIUM-235	15117-96-1	0.033	0.07	pCi/g	J	A
42093	BH40483AE	0	5	FT	URANIUM-235	15117-96-1	0.044	0.06142	pCi/g	J	A
43393	BH40510AE	0	2	FT	URANIUM-235	15117-96-1	0.012	0.086	pCi/g	BJ	V
43393	BH40511AE	0	4	FT	URANIUM-235	15117-96-1	0.049	0.085	pCi/g	J	V
43393	BH40512AE	0	5	FT	URANIUM-235	15117-96-1	0.018	0.14	pCi/g	BJ	V
43393	BH40517AE	5	8	FT	URANIUM-235	15117-96-1	0.013	0.13	pCi/g	BJ	V
43693	BH40518AE	0	2	FT	URANIUM-235	15117-96-1	0.0213394	0.1651	pCi/g		A
43693	BH40519AE	0	4	FT	URANIUM-235	15117-96-1	0.0130661	0.1128	pCi/g		A
43693	BH40520AE	0	5	FT	URANIUM-235	15117-96-1	0.0203163	0.0767	pCi/g		A
45793	BH40557AE	0	4	FT	URANIUM-235	15117-96-1	0.019	0.025	pCi/g	J	A
46593	BH40700AE	1	3	FT	URANIUM-235	15117-96-1	0.0695671	0.07424	pCi/g		A
46593	BH40702AE	3	5	FT	URANIUM-235	15117-96-1	0.0475366	0.05648	pCi/g		V
46593	BH40703AE	5	7	FT	URANIUM-235	15117-96-1	0.0762345	0.04403	pCi/g	U	A
46593	BH40705AE	5	9	FT	URANIUM-235	15117-96-1	0.0687751	0.02763	pCi/g	U	A
46693	BH40715AE	0	2	FT	URANIUM-235	15117-96-1	0.0822573	0.4156	pCi/g		V
46693	BH40717AE	2	4	FT	URANIUM-235	15117-96-1	0.0635343	0.04003	pCi/g	U	V
46693	BH40718AE	5	7	FT	URANIUM-235	15117-96-1	0.0795725	0.1591	pCi/g		A
46793	BH40729AE	0	2	FT	URANIUM-235	15117-96-1	0.103045	0.3064	pCi/g		V
46793	BH40731AE	2	4	FT	URANIUM-235	15117-96-1	0.118879	0.07489	pCi/g	U	A
46793	BH40732AE	4	6	FT	URANIUM-235	15117-96-1	0.0797018	0.02886	pCi/g	U	A
46893	BH40743AE	0	2	FT	URANIUM-235	15117-96-1	0.0780652	0.03136	pCi/g	U	V
46893	BH40745AE	2	5	FT	URANIUM-235	15117-96-1	0.0520139	0.03844	pCi/g	U	V
46893	BH40746AE	5	7	FT	URANIUM-235	15117-96-1	0.0626999	0.02832	pCi/g	U	V
46993	BH40757AE	1	3	FT	URANIUM-235	15117-96-1	0.0546271	0.5193	pCi/g		V
46993	BH40759AE	3	5	FT	URANIUM-235	15117-96-1	0.0634184	0.1713	pCi/g		V
47093	BH40771AE	1	3	FT	URANIUM-235	15117-96-1	0.109284	0.01896	pCi/g	U	A
47093	BH40773AE	3	5	FT	URANIUM-235	15117-96-1	0.0635223	0.02347	pCi/g	U	A
47093	BH40774AE	5	7	FT	URANIUM-235	15117-96-1	0.0873965	0.1185	pCi/g		A

417

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05093	BH00064AE	6	12	FT	ALUMINUM	7429-90-5	50	7560	mg/kg		V
05193	BH00069AE	6	11	FT	ALUMINUM	7429-90-5	50	7140	mg/kg		V
05393	BH00079AE	18	22	FT	ALUMINUM	7429-90-5	50	8030	mg/kg		V
05393	BH00081AE	6	12	FT	ALUMINUM	7429-90-5	50	12500	mg/kg		V
05393	BH00084AE	12	18	FT	ALUMINUM	7429-90-5	50	11700	mg/kg		V
44593	BH40005AE	6	11	FT	ALUMINUM	7429-90-5	45.5	10600	mg/kg		V
41193	BH40052AE	6	8	FT	ALUMINUM	7429-90-5	42	8570	mg/kg		V
41993	BH40065AE	6	12	FT	ALUMINUM	7429-90-5	46	4310	mg/kg	*	J
43893	BH40073AE	6	11	FT	ALUMINUM	7429-90-5	43	4570	mg/kg		V
42193	BH40086AE	10	16	FT	ALUMINUM	7429-90-5	50	5940	mg/kg		V
42193	BH40091AE	16	22	FT	ALUMINUM	7429-90-5	50	13800	mg/kg		V
42993	BH40144AE	7	10	FT	ALUMINUM	7429-90-5	44	7390	mg/kg		V
40793	BH40160AE	6	8	FT	ALUMINUM	7429-90-5	50	7780	mg/kg		V
40093	BH40170AE	6	8	FT	ALUMINUM	7429-90-5	49	12900	mg/kg	*	J
44893	BH40191AE	6	12	FT	ALUMINUM	7429-90-5	47	10500	mg/kg	*	J
40993	BH40204AE	6	10	FT	ALUMINUM	7429-90-5	50	6190	mg/kg		V
40993	BH40206AE	10	19	FT	ALUMINUM	7429-90-5	50	4150	mg/kg		V
41693	BH40220AE	6	12	FT	ALUMINUM	7429-90-5	47	42400	mg/kg	E	J
41793	BH40246AE	6	11	FT	ALUMINUM	7429-90-5	45	12300	mg/kg	E	J
42293	BH40256AE	6	11	FT	ALUMINUM	7429-90-5	50	26500	mg/kg		V
42293	BH40258AE	11	13	FT	ALUMINUM	7429-90-5	50	11300	mg/kg		V
42393	BH40264AE	6	8	FT	ALUMINUM	7429-90-5	42	4200	mg/kg		V
42593	BH40290AE	10	17	FT	ALUMINUM	7429-90-5	50	14600	mg/kg		V
43193	BH40309AE	6	11	FT	ALUMINUM	7429-90-5	46	7980	mg/kg	E	J
43393	BH40324AE	8	13	FT	ALUMINUM	7429-90-5	50	11500	mg/kg		V
43793	BH40335AE	6	12	FT	ALUMINUM	7429-90-5	50	11800	mg/kg		V
44093	BH40351AE	6	10	FT	ALUMINUM	7429-90-5	43	8760	mg/kg	E	J
45893	BH40380AE	6	9	FT	ALUMINUM	7429-90-5	50	8560	mg/kg		V
45893	BH40382AE	9	18	FT	ALUMINUM	7429-90-5	50	7940	mg/kg		V
40793	BH40414AE	8	13	FT	ALUMINUM	7429-90-5	50	8770	mg/kg		V
40993	BH40415AE	20	29	FT	ALUMINUM	7429-90-5	50	7280	mg/kg		V
40993	BH40416AE	31	35	FT	ALUMINUM	7429-90-5	50	10700	mg/kg		V
41593	BH40424AE	6	8	FT	ALUMINUM	7429-90-5	50	7200	mg/kg		V
42193	BH40430AE	22	28	FT	ALUMINUM	7429-90-5	50	10600	mg/kg		V
42193	BH40432AE	6	10	FT	ALUMINUM	7429-90-5	50	5120	mg/kg		V
42193	BH40433AE	28	31	FT	ALUMINUM	7429-90-5	50	11400	mg/kg		V
42493	BH40445AE	8	10	FT	ALUMINUM	7429-90-5	50	11400	mg/kg		V
42593	BH40450AE	8	10	FT	ALUMINUM	7429-90-5	50	8650	mg/kg		V
43693	BH40521AE	6	8	FT	ALUMINUM	7429-90-5	50	5640	mg/kg		V
43693	BH40522AE	8	10	FT	ALUMINUM	7429-90-5	50	6390	mg/kg		V
43693	BH40525AE	10	13	FT	ALUMINUM	7429-90-5	50	15600	mg/kg		V
46593	BH40711AE	9	11	FT	ALUMINUM	7429-90-5	40	7740	mg/kg		V
46593	BH40713AE	11	16	FT	ALUMINUM	7429-90-5	40	7750	mg/kg		V
46693	BH40726AE	7	8	FT	ALUMINUM	7429-90-5	40	7410	mg/kg		V
46693	BH40728AE	9	15	FT	ALUMINUM	7429-90-5	40	4570	mg/kg		V
46793	BH40740AE	6	8	FT	ALUMINUM	7429-90-5	40	6010	mg/kg		V
46793	BH40742AE	8	15	FT	ALUMINUM	7429-90-5	40	9350	mg/kg		V
46893	BH40748AE	7	9	FT	ALUMINUM	7429-90-5	40	4080	mg/kg		V
46893	BH40749AE	9	11	FT	ALUMINUM	7429-90-5	40	2160	mg/kg		V
46893	BH40754AE	12	12	FT	ALUMINUM	7429-90-5	40	3440	mg/kg		V
46993	BH40768AE	6	7	FT	ALUMINUM	7429-90-5	40	3060	mg/kg		V
46993	BH40770AE	7	13	FT	ALUMINUM	7429-90-5	40	2460	mg/kg		V
47093	BH40776AE	7	9	FT	ALUMINUM	7429-90-5	200	8000	mg/kg		V
P207589	SEP0389BR0915	9	15	FT	ALUMINUM	7429-90-5	40	8610	mg/kg		V
P207589	SEP0389BR1521	15	21	FT	ALUMINUM	7429-90-5	40	7650	mg/kg		V
P208889	SEP1689BR1016	10	15	FT	ALUMINUM	7429-90-5	40	5290	mg/kg		A
P208989	SEP1789BR0915	9	15	FT	ALUMINUM	7429-90-5	40	5200	mg/kg		V
P209089	SEP1889BR1218	12	18	FT	ALUMINUM	7429-90-5	40	6760	mg/kg		V
P209089	SEP1889BR1824	18	24	FT	ALUMINUM	7429-90-5	40	4780	mg/kg		V
P209189	SEP1989BR1016	10	16	FT	ALUMINUM	7429-90-5	40	4140	mg/kg		V
P209189	SEP1989BR1622	16	22	FT	ALUMINUM	7429-90-5	40	7060	mg/kg		V
P209489	SEP2289BR0912	9	12	FT	ALUMINUM	7429-90-5	40	5010	mg/kg		A
P209489	SEP2289BR1213	12	13	FT	ALUMINUM	7429-90-5	40	2830	mg/kg		A
P209489	SEP2289BR1416	14	16	FT	ALUMINUM	7429-90-5	40	4160	mg/kg		A
P209489	SEP2289BR1621	16	21	FT	ALUMINUM	7429-90-5	40	2950	mg/kg		A

418

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209589	SEP2389BR1015	10	14	FT	ALUMINUM	7429-90-5	40	5820	mg/kg		A
P209889	SEP2689BR1016	10	16	FT	ALUMINUM	7429-90-5	40	6570	mg/kg		V
P210189	SEP3089BR0915	9	15	FT	ALUMINUM	7429-90-5	40	6390	mg/kg		V
P210189	SEP3089BR1521	15	21	FT	ALUMINUM	7429-90-5	40	10700	mg/kg		V
P210189	SEP3089BR2127	21	27	FT	ALUMINUM	7429-90-5	40	9630	mg/kg		V
P210289	SEP3189BR0713	7	13	FT	ALUMINUM	7429-90-5	40	6310	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	ALUMINUM	7429-90-5	40	6130	mg/kg		V
05093	BH00064AE	6	12	FT	ANTIMONY	7440-36-0	50	11.3	mg/kg	UN	J
05193	BH00069AE	6	11	FT	ANTIMONY	7440-36-0	50	11	mg/kg	UN	J
05393	BH00079AE	18	22	FT	ANTIMONY	7440-36-0	50	11.8	mg/kg	UN	J
05393	BH00081AE	6	12	FT	ANTIMONY	7440-36-0	50	12.2	mg/kg	UN	J
05393	BH00084AE	12	18	FT	ANTIMONY	7440-36-0	50	12	mg/kg	UN	J
44593	BH40005AE	6	11	FT	ANTIMONY	7440-36-0	13.6	11.4	mg/kg	UN	J
41193	BH40052AE	6	8	FT	ANTIMONY	7440-36-0	13	10.5	mg/kg	UN	J
41993	BH40065AE	6	12	FT	ANTIMONY	7440-36-0	14	11.5	mg/kg	UN	J
43893	BH40073AE	6	11	FT	ANTIMONY	7440-36-0	13	10.6	mg/kg	UN	J
42193	BH40086AE	10	16	FT	ANTIMONY	7440-36-0	50	12.1	mg/kg	UN	J
42193	BH40091AE	16	22	FT	ANTIMONY	7440-36-0	50	12.6	mg/kg	UN	J
42993	BH40144AE	7	10	FT	ANTIMONY	7440-36-0	13	11	mg/kg	UN	J
40093	BH40170AE	6	8	FT	ANTIMONY	7440-36-0	15	12.3	mg/kg	UN	J
44893	BH40191AE	6	12	FT	ANTIMONY	7440-36-0	14	11.8	mg/kg	UN	J
40993	BH40206AE	10	19	FT	ANTIMONY	7440-36-0	50	11.1	mg/kg	UN	J
41693	BH40220AE	6	12	FT	ANTIMONY	7440-36-0	14	11.7	mg/kg	UN	J
41793	BH40246AE	6	11	FT	ANTIMONY	7440-36-0	13	11.1	mg/kg	UN	J
42293	BH40256AE	6	11	FT	ANTIMONY	7440-36-0	50	11.8	mg/kg	UN	J
42293	BH40258AE	11	13	FT	ANTIMONY	7440-36-0	50	10.8	mg/kg	UN	J
42393	BH40264AE	6	8	FT	ANTIMONY	7440-36-0	13	10.6	mg/kg	UN	J
42593	BH40290AE	10	17	FT	ANTIMONY	7440-36-0	50	11.6	mg/kg	UN	J
43193	BH40309AE	6	11	FT	ANTIMONY	7440-36-0	14	11.4	mg/kg	UN	J
43393	BH40324AE	8	13	FT	ANTIMONY	7440-36-0	50	11.9	mg/kg	UN	J
44093	BH40351AE	6	10	FT	ANTIMONY	7440-36-0	13	10.7	mg/kg	UN	J
45893	BH40380AE	6	9	FT	ANTIMONY	7440-36-0	50	11.8	mg/kg	UN	J
45893	BH40382AE	9	18	FT	ANTIMONY	7440-36-0	50	11.8	mg/kg	UN	J
40993	BH40415AE	20	29	FT	ANTIMONY	7440-36-0	50	11.4	mg/kg	UN	J
40993	BH40416AE	31	35	FT	ANTIMONY	7440-36-0	50	11.9	mg/kg	UN	J
41593	BH40424AE	6	8	FT	ANTIMONY	7440-36-0	50	12	mg/kg	UN	J
42193	BH40430AE	22	28	FT	ANTIMONY	7440-36-0	50	11.8	mg/kg	UN	J
42193	BH40432AE	6	10	FT	ANTIMONY	7440-36-0	50	11.5	mg/kg	UN	J
42193	BH40433AE	28	31	FT	ANTIMONY	7440-36-0	50	12.1	mg/kg	UN	J
42493	BH40445AE	8	10	FT	ANTIMONY	7440-36-0	50	11.9	mg/kg	UN	J
42593	BH40450AE	8	10	FT	ANTIMONY	7440-36-0	50	12.1	mg/kg	UN	J
43693	BH40521AE	6	8	FT	ANTIMONY	7440-36-0	50	10.4	mg/kg	UN	J
43693	BH40522AE	8	10	FT	ANTIMONY	7440-36-0	50	10.5	mg/kg	UN	J
43693	BH40525AE	10	13	FT	ANTIMONY	7440-36-0	50	12	mg/kg	UN	J
46593	BH40711AE	9	11	FT	ANTIMONY	7440-36-0	12	3.6	mg/kg	UN	J
46593	BH40713AE	11	16	FT	ANTIMONY	7440-36-0	12	3.9	mg/kg	UN	J
46693	BH40726AE	7	8	FT	ANTIMONY	7440-36-0	12	3.9	mg/kg	UN	J
46693	BH40728AE	9	15	FT	ANTIMONY	7440-36-0	12	4.5	mg/kg	U	J
46893	BH40748AE	7	9	FT	ANTIMONY	7440-36-0	12	5.2	mg/kg	U	J
46893	BH40749AE	9	11	FT	ANTIMONY	7440-36-0	12	5	mg/kg	U	J
46893	BH40754AE	12	12	FT	ANTIMONY	7440-36-0	12	5.8	mg/kg	U	J
46993	BH40768AE	6	7	FT	ANTIMONY	7440-36-0	12	5.9	mg/kg	B	J
46993	BH40770AE	7	13	FT	ANTIMONY	7440-36-0	12	5.4	mg/kg	U	J
47093	BH40776AE	7	9	FT	ANTIMONY	7440-36-0	60	3.6	mg/kg	UN	J
P207589	SEP0389BR0915	9	15	FT	ANTIMONY	7440-36-0	12	3.1	mg/kg	UJ	A
P207589	SEP0389BR1521	15	21	FT	ANTIMONY	7440-36-0	12	4	mg/kg	UJ	A
P209489	SEP2289BR0912	9	12	FT	ANTIMONY	7440-36-0	12	2.3	mg/kg	UJ	A
P209489	SEP2289BR1213	12	13	FT	ANTIMONY	7440-36-0	12	4.9	mg/kg	UJ	A
P209589	SEP2389BR1015	10	14	FT	ANTIMONY	7440-36-0	12	3.8	mg/kg	UJ	A
P209889	SEP2689BR1016	10	16	FT	ANTIMONY	7440-36-0	12	4.5	mg/kg	UJ	A
P210189	SEP3089BR0915	9	15	FT	ANTIMONY	7440-36-0	12	9.3	mg/kg	U	V
P210189	SEP3089BR1521	15	21	FT	ANTIMONY	7440-36-0	12	11.4	mg/kg	U	V
P210189	SEP3089BR2127	21	27	FT	ANTIMONY	7440-36-0	12	10.7	mg/kg	U	V
P210289	SEP3189BR1319	13	19	FT	ANTIMONY	7440-36-0	12	2.4	mg/kg	UJ	A
05093	BH00064AE	6	12	FT	ARSENIC	7440-38-2	2	2.9	mg/kg		V

2119

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05193	BH00069AE	6	11	FT	ARSENIC	7440-38-2	3	3.3	mg/kg		V
05393	BH00079AE	18	22	FT	ARSENIC	7440-38-2	2	2.1	mg/kg	B	V
05393	BH00081AE	6	12	FT	ARSENIC	7440-38-2	2	10.1	mg/kg		V
05393	BH00084AE	12	18	FT	ARSENIC	7440-38-2	2	3	mg/kg		V
44593	BH40005AE	6	11	FT	ARSENIC	7440-38-2	2.3	2.4	mg/kg		V
41193	BH40052AE	6	8	FT	ARSENIC	7440-38-2	2	4.4	mg/kg	SN	J
41993	BH40065AE	6	12	FT	ARSENIC	7440-38-2	2	1.6	mg/kg	*	V
43893	BH40073AE	6	11	FT	ARSENIC	7440-38-2	2	1.4	mg/kg	BWN	J
42193	BH40086AE	10	16	FT	ARSENIC	7440-38-2	3	2.9	mg/kg	S	V
42193	BH40091AE	16	22	FT	ARSENIC	7440-38-2	3	4.3	mg/kg		V
42993	BH40144AE	7	10	FT	ARSENIC	7440-38-2	2	3.3	mg/kg		V
40793	BH40160AE	6	8	FT	ARSENIC	7440-38-2	3	3	mg/kg	N	J
40093	BH40170AE	6	8	FT	ARSENIC	7440-38-2	2	1.9	mg/kg	*	V
44893	BH40191AE	6	12	FT	ARSENIC	7440-38-2	2	4	mg/kg	*	V
40993	BH40204AE	6	10	FT	ARSENIC	7440-38-2	3	4.8	mg/kg	N	J
40993	BH40206AE	10	19	FT	ARSENIC	7440-38-2	3	7.5	mg/kg	S	V
41693	BH40220AE	6	12	FT	ARSENIC	7440-38-2	2	5.5	mg/kg		V
41793	BH40246AE	6	11	FT	ARSENIC	7440-38-2	2	1.8	mg/kg	B	V
42293	BH40256AE	6	11	FT	ARSENIC	7440-38-2	3	6.5	mg/kg		V
42293	BH40258AE	11	13	FT	ARSENIC	7440-38-2	3	5.9	mg/kg		V
42393	BH40264AE	6	8	FT	ARSENIC	7440-38-2	2	0.42	mg/kg	U	V
42593	BH40290AE	10	17	FT	ARSENIC	7440-38-2	3	1.8	mg/kg	BS	V
43193	BH40309AE	6	11	FT	ARSENIC	7440-38-2	2	6.2	mg/kg		V
43393	BH40324AE	8	13	FT	ARSENIC	7440-38-2	3	0.72	mg/kg	BN	J
43793	BH40335AE	6	12	FT	ARSENIC	7440-38-2	3	2.6	mg/kg	N	J
44093	BH40351AE	6	10	FT	ARSENIC	7440-38-2	2	3.9	mg/kg		V
45893	BH40380AE	6	9	FT	ARSENIC	7440-38-2	3	6.5	mg/kg		V
45893	BH40382AE	9	18	FT	ARSENIC	7440-38-2	3	3.4	mg/kg		V
40793	BH40414AE	8	13	FT	ARSENIC	7440-38-2	3	1.7	mg/kg	BN	J
40993	BH40415AE	20	29	FT	ARSENIC	7440-38-2	3	8.1	mg/kg		V
40993	BH40416AE	31	35	FT	ARSENIC	7440-38-2	3	3	mg/kg		V
41593	BH40424AE	6	8	FT	ARSENIC	7440-38-2	3	1	mg/kg	B	V
42193	BH40430AE	22	28	FT	ARSENIC	7440-38-2	3	1.9	mg/kg	B	V
42193	BH40432AE	6	10	FT	ARSENIC	7440-38-2	3	0.78	mg/kg	BN	J
42193	BH40433AE	28	31	FT	ARSENIC	7440-38-2	3	1.5	mg/kg	BN	J
42493	BH40445AE	8	10	FT	ARSENIC	7440-38-2	3	5.2	mg/kg		V
42593	BH40450AE	8	10	FT	ARSENIC	7440-38-2	3	2.4	mg/kg		V
43693	BH40521AE	6	8	FT	ARSENIC	7440-38-2	3	1.9	mg/kg	B	V
43693	BH40522AE	8	10	FT	ARSENIC	7440-38-2	3	4.4	mg/kg		V
43693	BH40525AE	10	13	FT	ARSENIC	7440-38-2	3	0.96	mg/kg	B	V
46593	BH40711AE	9	11	FT	ARSENIC	7440-38-2	2	2.1	mg/kg	B	V
46593	BH40713AE	11	16	FT	ARSENIC	7440-38-2	2	6.5	mg/kg		V
46693	BH40726AE	7	8	FT	ARSENIC	7440-38-2	2	0.38	mg/kg	U	J
46693	BH40728AE	9	15	FT	ARSENIC	7440-38-2	2	1.8	mg/kg	B	V
46793	BH40740AE	6	8	FT	ARSENIC	7440-38-2	2	0.98	mg/kg	BN	J
46793	BH40742AE	8	15	FT	ARSENIC	7440-38-2	2	2.6	mg/kg	N	J
46893	BH40748AE	7	9	FT	ARSENIC	7440-38-2	2	1.8	mg/kg	B	V
46893	BH40749AE	9	11	FT	ARSENIC	7440-38-2	2	1.8	mg/kg	B	V
46893	BH40754AE	12	12	FT	ARSENIC	7440-38-2	2	1.5	mg/kg	B	V
46993	BH40768AE	6	7	FT	ARSENIC	7440-38-2	2	3.6	mg/kg		V
46993	BH40770AE	7	13	FT	ARSENIC	7440-38-2	2	0.48	mg/kg	B	V
47093	BH40776AE	7	9	FT	ARSENIC	7440-38-2	10	1.5	mg/kg	BN	J
P207589	SEP0389BR0915	9	15	FT	ARSENIC	7440-38-2	2	17.1	mg/kg		A
P207589	SEP0389BR1521	15	21	FT	ARSENIC	7440-38-2	2	9.1	mg/kg		V
P208889	SEP1689BR1016	10	15	FT	ARSENIC	7440-38-2	2	7.7	mg/kg		V
P208989	SEP1789BR0915	9	15	FT	ARSENIC	7440-38-2	2	2.6	mg/kg		V
P209089	SEP1889BR1218	12	18	FT	ARSENIC	7440-38-2	2	1.9	mg/kg	UJ	A
P209089	SEP1889BR1824	18	24	FT	ARSENIC	7440-38-2	2	1.3	mg/kg	UJ	A
P209189	SEP1989BR1016	10	16	FT	ARSENIC	7440-38-2	2	8.7	mg/kg		A
P209189	SEP1989BR1622	16	22	FT	ARSENIC	7440-38-2	2	5.3	mg/kg		A
P209489	SEP2289BR0912	9	12	FT	ARSENIC	7440-38-2	2	4.3	mg/kg		V
P209489	SEP2289BR1213	12	13	FT	ARSENIC	7440-38-2	2	24.6	mg/kg		V
P209489	SEP2289BR1416	14	16	FT	ARSENIC	7440-38-2	2	4.4	mg/kg		V
P209489	SEP2289BR1621	16	21	FT	ARSENIC	7440-38-2	2	15.7	mg/kg		V
P209589	SEP2389BR1015	10	14	FT	ARSENIC	7440-38-2	2	5.1	mg/kg		V

420

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209889	SEP2689BR1016	10	16	FT	ARSENIC	7440-38-2	2	2.6	mg/kg		V
P210189	SEP3089BR0915	9	15	FT	ARSENIC	7440-38-2	2	1	mg/kg	B	V
P210189	SEP3089BR1521	15	21	FT	ARSENIC	7440-38-2	2	2.8	mg/kg		V
P210189	SEP3089BR2127	21	27	FT	ARSENIC	7440-38-2	2	3.8	mg/kg		V
P210289	SEP3189BR0713	7	13	FT	ARSENIC	7440-38-2	2	3.1	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	ARSENIC	7440-38-2	2	7.3	mg/kg		V
05093	BH00064AE	6	12	FT	BARIUM	7440-39-3	10	152	mg/kg		V
05193	BH00069AE	6	11	FT	BARIUM	7440-39-3	10	57.9	mg/kg		V
05393	BH00079AE	18	22	FT	BARIUM	7440-39-3	10	30.4	mg/kg	B	V
05393	BH00081AE	6	12	FT	BARIUM	7440-39-3	10	72.9	mg/kg		V
05393	BH00084AE	12	18	FT	BARIUM	7440-39-3	10	143	mg/kg		V
44593	BH40005AE	6	11	FT	BARIUM	7440-39-3	45.5	49.8	mg/kg		V
41193	BH40052AE	6	8	FT	BARIUM	7440-39-3	42	74.9	mg/kg		V
41993	BH40065AE	6	12	FT	BARIUM	7440-39-3	46	36.4	mg/kg	B	V
43893	BH40073AE	6	11	FT	BARIUM	7440-39-3	43	38.7	mg/kg	B	V
42193	BH40086AE	10	16	FT	BARIUM	7440-39-3	10	74.7	mg/kg	*	J
42193	BH40091AE	16	22	FT	BARIUM	7440-39-3	10	80.5	mg/kg	*	J
42993	BH40144AE	7	10	FT	BARIUM	7440-39-3	44	48.9	mg/kg		V
40793	BH40160AE	6	8	FT	BARIUM	7440-39-3	10	109	mg/kg		V
40093	BH40170AE	6	8	FT	BARIUM	7440-39-3	49	180	mg/kg		V
44893	BH40191AE	6	12	FT	BARIUM	7440-39-3	47	59.2	mg/kg		V
40993	BH40204AE	6	10	FT	BARIUM	7440-39-3	10	278	mg/kg		V
40993	BH40206AE	10	19	FT	BARIUM	7440-39-3	10	34.5	mg/kg	B	V
41693	BH40220AE	6	12	FT	BARIUM	7440-39-3	47	169	mg/kg		V
41793	BH40246AE	6	11	FT	BARIUM	7440-39-3	45	58.9	mg/kg		V
42293	BH40256AE	6	11	FT	BARIUM	7440-39-3	10	190	mg/kg		V
42293	BH40258AE	11	13	FT	BARIUM	7440-39-3	10	52.3	mg/kg		V
42393	BH40264AE	6	8	FT	BARIUM	7440-39-3	42	38	mg/kg	B	V
42593	BH40290AE	10	17	FT	BARIUM	7440-39-3	10	90.2	mg/kg	*	J
43193	BH40309AE	6	11	FT	BARIUM	7440-39-3	46	24.9	mg/kg	B	V
43393	BH40324AE	8	13	FT	BARIUM	7440-39-3	10	120	mg/kg		V
43793	BH40335AE	6	12	FT	BARIUM	7440-39-3	10	60.2	mg/kg		V
44093	BH40351AE	6	10	FT	BARIUM	7440-39-3	43	69.6	mg/kg		V
45893	BH40380AE	6	9	FT	BARIUM	7440-39-3	10	51.5	mg/kg		V
45893	BH40382AE	9	18	FT	BARIUM	7440-39-3	10	77.3	mg/kg		V
40793	BH40414AE	8	13	FT	BARIUM	7440-39-3	10	93.3	mg/kg		V
40993	BH40415AE	20	29	FT	BARIUM	7440-39-3	10	65.1	mg/kg		V
40993	BH40416AE	31	35	FT	BARIUM	7440-39-3	10	104	mg/kg		V
41593	BH40424AE	6	8	FT	BARIUM	7440-39-3	10	45.7	mg/kg	B	V
42193	BH40430AE	22	28	FT	BARIUM	7440-39-3	10	81.9	mg/kg	*	J
42193	BH40432AE	6	10	FT	BARIUM	7440-39-3	10	34.1	mg/kg	B	V
42193	BH40433AE	28	31	FT	BARIUM	7440-39-3	10	110	mg/kg		V
42493	BH40445AE	8	10	FT	BARIUM	7440-39-3	10	53.2	mg/kg	*	J
42593	BH40450AE	8	10	FT	BARIUM	7440-39-3	10	81.6	mg/kg		V
43693	BH40521AE	6	8	FT	BARIUM	7440-39-3	10	30.1	mg/kg	B*	J
43693	BH40522AE	8	10	FT	BARIUM	7440-39-3	10	23	mg/kg	B*	J
43693	BH40525AE	10	13	FT	BARIUM	7440-39-3	10	4150	mg/kg	*	J
46593	BH40711AE	9	11	FT	BARIUM	7440-39-3	40	53.1	mg/kg		V
46593	BH40713AE	11	16	FT	BARIUM	7440-39-3	40	157	mg/kg		V
46693	BH40726AE	7	8	FT	BARIUM	7440-39-3	40	60.3	mg/kg		V
46693	BH40728AE	9	15	FT	BARIUM	7440-39-3	40	62.9	mg/kg		V
46793	BH40740AE	6	8	FT	BARIUM	7440-39-3	40	25.5	mg/kg	B*	J
46793	BH40742AE	8	15	FT	BARIUM	7440-39-3	40	164	mg/kg	*	J
46893	BH40748AE	7	9	FT	BARIUM	7440-39-3	40	79.1	mg/kg		V
46893	BH40749AE	9	11	FT	BARIUM	7440-39-3	40	69.4	mg/kg		V
46893	BH40754AE	12	12	FT	BARIUM	7440-39-3	40	67	mg/kg		V
46993	BH40768AE	6	7	FT	BARIUM	7440-39-3	40	9.7	mg/kg	B	V
46993	BH40770AE	7	13	FT	BARIUM	7440-39-3	40	27	mg/kg	B	V
47093	BH40776AE	7	9	FT	BARIUM	7440-39-3	200	36.3	mg/kg	B	V
P207589	SEP0389BR0915	9	15	FT	BARIUM	7440-39-3	40	128	mg/kg		V
P207589	SEP0389BR1521	15	21	FT	BARIUM	7440-39-3	40	42.5	mg/kg	U	V
P208889	SEP1689BR1016	10	15	FT	BARIUM	7440-39-3	40	59.5	mg/kg		V
P208989	SEP1789BR0915	9	15	FT	BARIUM	7440-39-3	40	1100	mg/kg		V
P209089	SEP1889BR1218	12	18	FT	BARIUM	7440-39-3	40	77.4	mg/kg		V
P209089	SEP1889BR1824	18	24	FT	BARIUM	7440-39-3	40	21.2	mg/kg	U	V

421

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209189	SEP1989BR1016	10	16	FT	BARIUM	7440-39-3	40	35.7	mg/kg	U	V
P209189	SEP1989BR1622	16	22	FT	BARIUM	7440-39-3	40	97.2	mg/kg		V
P209489	SEP2289BR0912	9	12	FT	BARIUM	7440-39-3	40	55.4	mg/kg		V
P209489	SEP2289BR1213	12	13	FT	BARIUM	7440-39-3	40	41.3	mg/kg	U	V
P209489	SEP2289BR1416	14	16	FT	BARIUM	7440-39-3	40	49.5	mg/kg		V
P209489	SEP2289BR1621	16	21	FT	BARIUM	7440-39-3	40	52.5	mg/kg		V
P209589	SEP2389BR1015	10	14	FT	BARIUM	7440-39-3	40	33.1	mg/kg	U	V
P209889	SEP2689BR1016	10	16	FT	BARIUM	7440-39-3	40	38.9	mg/kg	U	V
P210189	SEP3089BR0915	9	15	FT	BARIUM	7440-39-3	40	28.6	mg/kg	B	V
P210189	SEP3089BR1521	15	21	FT	BARIUM	7440-39-3	40	203	mg/kg		V
P210189	SEP3089BR2127	21	27	FT	BARIUM	7440-39-3	40	169	mg/kg		V
P210289	SEP3189BR0713	7	13	FT	BARIUM	7440-39-3	40	254	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	BARIUM	7440-39-3	40	33.1	mg/kg	U	V
05093	BH00064AE	6	12	FT	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
05193	BH00069AE	6	11	FT	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
05393	BH00079AE	18	22	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
05393	BH00081AE	6	12	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
05393	BH00084AE	12	18	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
44593	BH40005AE	6	11	FT	BERYLLIUM	7440-41-7	1.1	1.1	mg/kg	U	V
41193	BH40052AE	6	8	FT	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
41993	BH40065AE	6	12	FT	BERYLLIUM	7440-41-7	1	1.2	mg/kg	U	V
43893	BH40073AE	6	11	FT	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
42193	BH40086AE	10	16	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
42193	BH40091AE	16	22	FT	BERYLLIUM	7440-41-7	5	1.3	mg/kg	U	V
42993	BH40144AE	7	10	FT	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
40793	BH40160AE	6	8	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
40093	BH40170AE	6	8	FT	BERYLLIUM	7440-41-7	1	1.2	mg/kg	U	V
44893	BH40191AE	6	12	FT	BERYLLIUM	7440-41-7	1	1.2	mg/kg	U	V
40993	BH40204AE	6	10	FT	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
40993	BH40206AE	10	19	FT	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
41693	BH40220AE	6	12	FT	BERYLLIUM	7440-41-7	1	2.1	mg/kg		V
41793	BH40246AE	6	11	FT	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
42293	BH40256AE	6	11	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
42293	BH40258AE	11	13	FT	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
42393	BH40264AE	6	8	FT	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
42593	BH40290AE	10	17	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
43193	BH40309AE	6	11	FT	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
43393	BH40324AE	8	13	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
43793	BH40335AE	6	12	FT	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
44093	BH40351AE	6	10	FT	BERYLLIUM	7440-41-7	1	1.1	mg/kg	U	V
45893	BH40380AE	6	9	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
45893	BH40382AE	9	18	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
40793	BH40414AE	8	13	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
40993	BH40415AE	20	29	FT	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
40993	BH40416AE	31	35	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
41593	BH40424AE	6	8	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
42193	BH40430AE	22	28	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
42193	BH40432AE	6	10	FT	BERYLLIUM	7440-41-7	5	1.1	mg/kg	U	V
42193	BH40433AE	28	31	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
42493	BH40445AE	8	10	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
42593	BH40450AE	8	10	FT	BERYLLIUM	7440-41-7	5	1.2	mg/kg	U	V
43693	BH40521AE	6	8	FT	BERYLLIUM	7440-41-7	5	1	mg/kg	U	V
43693	BH40522AE	8	10	FT	BERYLLIUM	7440-41-7	5	1	mg/kg	U	V
43693	BH40525AE	10	13	FT	BERYLLIUM	7440-41-7	5	1.6	mg/kg		V
46593	BH40711AE	9	11	FT	BERYLLIUM	7440-41-7	1	0.65	mg/kg	U	J
46593	BH40713AE	11	16	FT	BERYLLIUM	7440-41-7	1	0.69	mg/kg	U	J
46693	BH40726AE	7	8	FT	BERYLLIUM	7440-41-7	1	0.43	mg/kg	U	J
46693	BH40728AE	9	15	FT	BERYLLIUM	7440-41-7	1	0.42	mg/kg	U	J
46793	BH40740AE	6	8	FT	BERYLLIUM	7440-41-7	1	0.39	mg/kg	B	V
46793	BH40742AE	8	15	FT	BERYLLIUM	7440-41-7	1	0.66	mg/kg	B	V
46893	BH40748AE	7	9	FT	BERYLLIUM	7440-41-7	1	0.39	mg/kg	U	J
46893	BH40749AE	9	11	FT	BERYLLIUM	7440-41-7	1	0.37	mg/kg	U	V
46893	BH40754AE	12	12	FT	BERYLLIUM	7440-41-7	1	0.43	mg/kg	U	J
46993	BH40768AE	6	7	FT	BERYLLIUM	7440-41-7	1	0.85	mg/kg	B	V
46993	BH40770AE	7	13	FT	BERYLLIUM	7440-41-7	1	0.4	mg/kg	U	V

422

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
47093	BH40776AE	7	9	FT	BERYLLIUM	7440-41-7	5	0.34	mg/kg	U	J
P207589	SEP0389BR0915	9	15	FT	BERYLLIUM	7440-41-7	1	3.1	mg/kg		A
P207589	SEP0389BR1521	15	21	FT	BERYLLIUM	7440-41-7	1	2.8	mg/kg		A
P208889	SEP1689BR1016	10	15	FT	BERYLLIUM	7440-41-7	1	1.5	mg/kg		A
P208989	SEP1789BR0915	9	15	FT	BERYLLIUM	7440-41-7	1	1.5	mg/kg		A
P209089	SEP1889BR1218	12	18	FT	BERYLLIUM	7440-41-7	1	1.8	mg/kg		V
P209089	SEP1889BR1824	18	24	FT	BERYLLIUM	7440-41-7	1	1.4	mg/kg		A
P209189	SEP1989BR1016	10	16	FT	BERYLLIUM	7440-41-7	1	2.1	mg/kg		A
P209189	SEP1989BR1622	16	22	FT	BERYLLIUM	7440-41-7	1	2.7	mg/kg		A
P209489	SEP2289BR0912	9	12	FT	BERYLLIUM	7440-41-7	1	1.7	mg/kg		A
P209489	SEP2289BR1213	12	13	FT	BERYLLIUM	7440-41-7	1	1.5	mg/kg		A
P209489	SEP2289BR1416	14	16	FT	BERYLLIUM	7440-41-7	1	1.3	mg/kg		A
P209489	SEP2289BR1621	16	21	FT	BERYLLIUM	7440-41-7	1	0.79	mg/kg	UJ	A
P209589	SEP2389BR1015	10	14	FT	BERYLLIUM	7440-41-7	1	1.9	mg/kg		A
P209889	SEP2689BR1016	10	16	FT	BERYLLIUM	7440-41-7	1	2.5	mg/kg		V
P210189	SEP3089BR0915	9	15	FT	BERYLLIUM	7440-41-7	1	0.39	mg/kg	B	V
P210189	SEP3089BR1521	15	21	FT	BERYLLIUM	7440-41-7	1	1.1	mg/kg	B	V
P210189	SEP3089BR2127	21	27	FT	BERYLLIUM	7440-41-7	1	1.2	mg/kg		V
P210289	SEP3189BR0713	7	13	FT	BERYLLIUM	7440-41-7	1	2.5	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	BERYLLIUM	7440-41-7	1	2.4	mg/kg		V
05093	BH00064AE	6	12	FT	CADMIUM	7440-43-9	5	1.1	mg/kg	U	J
05193	BH00069AE	6	11	FT	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
05393	BH00079AE	18	22	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	J
05393	BH00081AE	6	12	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	J
05393	BH00084AE	12	18	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	J
44593	BH40005AE	6	11	FT	CADMIUM	7440-43-9	1.1	1.1	mg/kg	U	J
41193	BH40052AE	6	8	FT	CADMIUM	7440-43-9	1	15.5	mg/kg		V
41993	BH40065AE	6	12	FT	CADMIUM	7440-43-9	1	1.2	mg/kg	UN	V
43893	BH40073AE	6	11	FT	CADMIUM	7440-43-9	1	1.1	mg/kg	U	V
42193	BH40086AE	10	16	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
42193	BH40091AE	16	22	FT	CADMIUM	7440-43-9	5	1.3	mg/kg	U	V
42993	BH40144AE	7	10	FT	CADMIUM	7440-43-9	1	1.1	mg/kg	U	V
40793	BH40160AE	6	8	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	J
40093	BH40170AE	6	8	FT	CADMIUM	7440-43-9	1	1.6	mg/kg	N	J
44893	BH40191AE	6	12	FT	CADMIUM	7440-43-9	1	1.2	mg/kg	UN	V
40993	BH40204AE	6	10	FT	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
40993	BH40206AE	10	19	FT	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
41693	BH40220AE	6	12	FT	CADMIUM	7440-43-9	1	61.4	mg/kg	N	J
41793	BH40246AE	6	11	FT	CADMIUM	7440-43-9	1	1.1	mg/kg	UN	J
42293	BH40256AE	6	11	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
42293	BH40258AE	11	13	FT	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
42393	BH40264AE	6	8	FT	CADMIUM	7440-43-9	1	1.1	mg/kg	U	V
42593	BH40290AE	10	17	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
43193	BH40309AE	6	11	FT	CADMIUM	7440-43-9	1	2.5	mg/kg	N	J
43393	BH40324AE	8	13	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
43793	BH40335AE	6	12	FT	CADMIUM	7440-43-9	5	37.6	mg/kg		V
44093	BH40351AE	6	10	FT	CADMIUM	7440-43-9	1	1.1	mg/kg	UN	J
45893	BH40380AE	6	9	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
45893	BH40382AE	9	18	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
40793	BH40414AE	8	13	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	J
40993	BH40415AE	20	29	FT	CADMIUM	7440-43-9	5	1.1	mg/kg	U	J
40993	BH40416AE	31	35	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	J
41593	BH40424AE	6	8	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
42193	BH40430AE	22	28	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
42193	BH40432AE	6	10	FT	CADMIUM	7440-43-9	5	1.1	mg/kg	U	V
42193	BH40433AE	28	31	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
42493	BH40445AE	8	10	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
42593	BH40450AE	8	10	FT	CADMIUM	7440-43-9	5	1.2	mg/kg	U	V
43693	BH40521AE	6	8	FT	CADMIUM	7440-43-9	5	1	mg/kg	U	V
43693	BH40522AE	8	10	FT	CADMIUM	7440-43-9	5	1	mg/kg	U	V
43693	BH40525AE	10	13	FT	CADMIUM	7440-43-9	5	1.3	mg/kg		J
46593	BH40711AE	9	11	FT	CADMIUM	7440-43-9	1	0.68	mg/kg	U	V
46593	BH40713AE	11	16	FT	CADMIUM	7440-43-9	1	0.73	mg/kg	U	V
46693	BH40726AE	7	8	FT	CADMIUM	7440-43-9	1	0.73	mg/kg	U	V
46693	BH40728AE	9	15	FT	CADMIUM	7440-43-9	1	0.73	mg/kg	U	V

423

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46793	BH40740AE	6	8	FT	CADMIUM	7440-43-9	1	0.73	mg/kg	U	J
46793	BH40742AE	8	15	FT	CADMIUM	7440-43-9	1	0.68	mg/kg	U	V
46893	BH40748AE	7	9	FT	CADMIUM	7440-43-9	1	11.4	mg/kg		J
46893	BH40749AE	9	11	FT	CADMIUM	7440-43-9	1	7	mg/kg		V
46893	BH40754AE	12	12	FT	CADMIUM	7440-43-9	1	4.8	mg/kg		J
46993	BH40768AE	6	7	FT	CADMIUM	7440-43-9	1	0.71	mg/kg	U	V
46993	BH40770AE	7	13	FT	CADMIUM	7440-43-9	1	0.69	mg/kg	U	V
47093	BH40776AE	7	9	FT	CADMIUM	7440-43-9	5	8.7	mg/kg		V
P208989	SEP1789BR0915	9	15	FT	CADMIUM	7440-43-9	1	0.2	mg/kg	J	A
P209089	SEP1889BR1218	12	18	FT	CADMIUM	7440-43-9	1	0.19	mg/kg	U	V
P209089	SEP1889BR1824	18	24	FT	CADMIUM	7440-43-9	1	0.18	mg/kg	U	V
P209189	SEP1989BR1016	10	16	FT	CADMIUM	7440-43-9	1	0.76	mg/kg	U	V
P209189	SEP1989BR1622	16	22	FT	CADMIUM	7440-43-9	1	0.8	mg/kg	U	V
P209489	SEP2289BR1213	12	13	FT	CADMIUM	7440-43-9	1	0.33	mg/kg	UJ	A
P209889	SEP2689BR1016	10	16	FT	CADMIUM	7440-43-9	1	0.48	mg/kg	J	A
P210189	SEP3089BR0915	9	15	FT	CADMIUM	7440-43-9	1	0.41	mg/kg	U	V
P210189	SEP3089BR1521	15	21	FT	CADMIUM	7440-43-9	1	0.55	mg/kg	J	A
P210189	SEP3089BR2127	21	27	FT	CADMIUM	7440-43-9	1	0.47	mg/kg	U	V
P210289	SEP3189BR1319	13	19	FT	CADMIUM	7440-43-9	1	0.3	mg/kg	J	A
05093	BH00064AE	6	12	FT	CALCIUM	7440-70-2	1000	29100	mg/kg		V
05193	BH00069AE	6	11	FT	CALCIUM	7440-70-2	1000	33600	mg/kg	*	J
05393	BH00079AE	18	22	FT	CALCIUM	7440-70-2	1000	3210	mg/kg		V
05393	BH00081AE	6	12	FT	CALCIUM	7440-70-2	1000	9150	mg/kg		V
05393	BH00084AE	12	18	FT	CALCIUM	7440-70-2	1000	4530	mg/kg		V
44593	BH40005AE	6	11	FT	CALCIUM	7440-70-2	2274	15700	mg/kg		V
41193	BH40052AE	6	8	FT	CALCIUM	7440-70-2	1052	5120	mg/kg		V
41993	BH40065AE	6	12	FT	CALCIUM	7440-70-2	1151	1910	mg/kg		V
43893	BH40073AE	6	11	FT	CALCIUM	7440-70-2	1063	10800	mg/kg		V
42193	BH40086AE	10	16	FT	CALCIUM	7440-70-2	1000	4070	mg/kg		V
42193	BH40091AE	16	22	FT	CALCIUM	7440-70-2	1000	6530	mg/kg		V
42993	BH40144AE	7	10	FT	CALCIUM	7440-70-2	2195	38900	mg/kg		V
0793	BH40160AE	6	8	FT	CALCIUM	7440-70-2	1000	135000	mg/kg		V
40093	BH40170AE	6	8	FT	CALCIUM	7440-70-2	1225	7100	mg/kg		V
44893	BH40191AE	6	12	FT	CALCIUM	7440-70-2	1183	1980	mg/kg		V
40993	BH40204AE	6	10	FT	CALCIUM	7440-70-2	1000	1560	mg/kg		V
40993	BH40206AE	10	19	FT	CALCIUM	7440-70-2	1000	1160	mg/kg		V
41693	BH40220AE	6	12	FT	CALCIUM	7440-70-2	1170	45900	mg/kg	E	J
41793	BH40246AE	6	11	FT	CALCIUM	7440-70-2	1114	112000	mg/kg	E	J
42293	BH40256AE	6	11	FT	CALCIUM	7440-70-2	1000	67600	mg/kg	*	J
42293	BH40258AE	11	13	FT	CALCIUM	7440-70-2	1000	2590	mg/kg	*	J
42393	BH40264AE	6	8	FT	CALCIUM	7440-70-2	2119	1050	mg/kg	B	V
42593	BH40290AE	10	17	FT	CALCIUM	7440-70-2	1000	11000	mg/kg		V
43193	BH40309AE	6	11	FT	CALCIUM	7440-70-2	1140	1630	mg/kg	E	J
43393	BH40324AE	8	13	FT	CALCIUM	7440-70-2	1000	5910	mg/kg		V
43793	BH40335AE	6	12	FT	CALCIUM	7440-70-2	1000	1290	mg/kg		V
44093	BH40351AE	6	10	FT	CALCIUM	7440-70-2	1070	6020	mg/kg	E	J
45893	BH40380AE	6	9	FT	CALCIUM	7440-70-2	1000	2170	mg/kg		V
45893	BH40382AE	9	18	FT	CALCIUM	7440-70-2	1000	5190	mg/kg		V
40793	BH40414AE	8	13	FT	CALCIUM	7440-70-2	1000	60000	mg/kg		V
40993	BH40415AE	20	29	FT	CALCIUM	7440-70-2	1000	2220	mg/kg		V
40993	BH40416AE	31	35	FT	CALCIUM	7440-70-2	1000	5200	mg/kg		V
41593	BH40424AE	6	8	FT	CALCIUM	7440-70-2	1000	54900	mg/kg	*	J
42193	BH40430AE	22	28	FT	CALCIUM	7440-70-2	1000	4580	mg/kg		V
42193	BH40432AE	6	10	FT	CALCIUM	7440-70-2	1000	3270	mg/kg		V
42193	BH40433AE	28	31	FT	CALCIUM	7440-70-2	1000	5010	mg/kg		V
42493	BH40445AE	8	10	FT	CALCIUM	7440-70-2	1000	33000	mg/kg		V
42593	BH40450AE	8	10	FT	CALCIUM	7440-70-2	1000	41800	mg/kg		V
43693	BH40521AE	6	8	FT	CALCIUM	7440-70-2	1000	4270	mg/kg		V
43693	BH40522AE	8	10	FT	CALCIUM	7440-70-2	1000	1120	mg/kg		V
43693	BH40525AE	10	13	FT	CALCIUM	7440-70-2	1000	13800	mg/kg		V
46593	BH40711AE	9	11	FT	CALCIUM	7440-70-2	1000	4650	mg/kg		V
46593	BH40713AE	11	16	FT	CALCIUM	7440-70-2	1000	4210	mg/kg		V
46693	BH40726AE	7	8	FT	CALCIUM	7440-70-2	1000	1500	mg/kg		V
6693	BH40728AE	9	15	FT	CALCIUM	7440-70-2	1000	4270	mg/kg		V
6793	BH40740AE	6	8	FT	CALCIUM	7440-70-2	1000	328000	mg/kg	*	J

424

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46793	BH40742AE	8	15	FT	CALCIUM	7440-70-2	1000	11500	mg/kg	*	J
46893	BH40748AE	7	9	FT	CALCIUM	7440-70-2	1000	65100	mg/kg		V
46893	BH40749AE	9	11	FT	CALCIUM	7440-70-2	1000	11400	mg/kg		V
46893	BH40754AE	12	12	FT	CALCIUM	7440-70-2	1000	70200	mg/kg		V
46993	BH40768AE	6	7	FT	CALCIUM	7440-70-2	1000	2340	mg/kg		V
46993	BH40770AE	7	13	FT	CALCIUM	7440-70-2	1000	4320	mg/kg		V
47093	BH40776AE	7	9	FT	CALCIUM	7440-70-2	5000	7240	mg/kg	*	J
P207589	SEP0389BR0915	9	15	FT	CALCIUM	7440-70-2	2000	8560	mg/kg		A
P207589	SEP0389BR1521	15	21	FT	CALCIUM	7440-70-2	2000	3500	mg/kg		A
P208889	SEP1689BR1016	10	15	FT	CALCIUM	7440-70-2	2000	2600	mg/kg		A
P208989	SEP1789BR0915	9	15	FT	CALCIUM	7440-70-2	2000	9240	mg/kg		V
P209089	SEP1889BR1218	12	18	FT	CALCIUM	7440-70-2	2000	3510	mg/kg		V
P209089	SEP1889BR1824	18	24	FT	CALCIUM	7440-70-2	2000	3660	mg/kg		V
P209189	SEP1989BR1016	10	16	FT	CALCIUM	7440-70-2	2000	1540	mg/kg		A
P209189	SEP1989BR1622	16	22	FT	CALCIUM	7440-70-2	2000	3970	mg/kg		A
P209489	SEP2289BR0912	9	12	FT	CALCIUM	7440-70-2	2000	41100	mg/kg		A
P209489	SEP2289BR1213	12	13	FT	CALCIUM	7440-70-2	2000	6600	mg/kg		A
P209489	SEP2289BR1416	14	16	FT	CALCIUM	7440-70-2	2000	6270	mg/kg		A
P209489	SEP2289BR1621	16	21	FT	CALCIUM	7440-70-2	2000	5150	mg/kg		A
P209589	SEP2389BR1015	10	14	FT	CALCIUM	7440-70-2	2000	3570	mg/kg		A
P209889	SEP2689BR1016	10	16	FT	CALCIUM	7440-70-2	2000	7810	mg/kg		V
P210189	SEP3089BR0915	9	15	FT	CALCIUM	7440-70-2	2000	1260	mg/kg		A
P210189	SEP3089BR1521	15	21	FT	CALCIUM	7440-70-2	2000	5220	mg/kg		A
P210189	SEP3089BR2127	21	27	FT	CALCIUM	7440-70-2	2000	7920	mg/kg		A
P210289	SEP3189BR0713	7	13	FT	CALCIUM	7440-70-2	2000	48900	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	CALCIUM	7440-70-2	2000	3270	mg/kg		V
05093	BH00064AE	6	12	FT	CESIUM	7440-46-2	500	113	mg/kg	U	J
05193	BH00069AE	6	11	FT	CESIUM	7440-46-2	500	110	mg/kg	UN	J
05393	BH00079AE	18	22	FT	CESIUM	7440-46-2	500	118	mg/kg	U	J
05393	BH00081AE	6	12	FT	CESIUM	7440-46-2	500	122	mg/kg	U	J
05393	BH00084AE	12	18	FT	CESIUM	7440-46-2	500	120	mg/kg	UN	J
44593	BH40005AE	6	11	FT	CESIUM	7440-46-2	227.4	114	mg/kg	U	J
41193	BH40052AE	6	8	FT	CESIUM	7440-46-2	210	105	mg/kg	U	J
41993	BH40065AE	6	12	FT	CESIUM	7440-46-2	230	115	mg/kg	U	J
43893	BH40073AE	6	11	FT	CESIUM	7440-46-2	213	106	mg/kg	U	J
42193	BH40086AE	10	16	FT	CESIUM	7440-46-2	500	121	mg/kg	U	J
42193	BH40091AE	16	22	FT	CESIUM	7440-46-2	500	126	mg/kg	U	J
42993	BH40144AE	7	10	FT	CESIUM	7440-46-2	220	110	mg/kg	U	J
40793	BH40160AE	6	8	FT	CESIUM	7440-46-2	500	120	mg/kg	UN	J
40093	BH40170AE	6	8	FT	CESIUM	7440-46-2	245	123	mg/kg	U	J
44893	BH40191AE	6	12	FT	CESIUM	7440-46-2	237	118	mg/kg	U	J
40993	BH40204AE	6	10	FT	CESIUM	7440-46-2	500	110	mg/kg	UN	J
40993	BH40206AE	10	19	FT	CESIUM	7440-46-2	500	110	mg/kg	UN	J
41693	BH40220AE	6	12	FT	CESIUM	7440-46-2	234	117	mg/kg	U	J
41793	BH40246AE	6	11	FT	CESIUM	7440-46-2	223	111	mg/kg	U	J
42293	BH40256AE	6	11	FT	CESIUM	7440-46-2	500	120	mg/kg	UN	J
42293	BH40258AE	11	13	FT	CESIUM	7440-46-2	500	110	mg/kg	UN	J
42393	BH40264AE	6	8	FT	CESIUM	7440-46-2	212	106	mg/kg	U	J
42593	BH40290AE	10	17	FT	CESIUM	7440-46-2	500	116	mg/kg	U	J
43193	BH40309AE	6	11	FT	CESIUM	7440-46-2	228	114	mg/kg	U	J
43393	BH40324AE	8	13	FT	CESIUM	7440-46-2	500	120	mg/kg	UN	J
43793	BH40335AE	6	12	FT	CESIUM	7440-46-2	500	110	mg/kg	UN	J
44093	BH40351AE	6	10	FT	CESIUM	7440-46-2	214	107	mg/kg	U	J
45893	BH40380AE	6	9	FT	CESIUM	7440-46-2	500	120	mg/kg	UN	J
45893	BH40382AE	9	18	FT	CESIUM	7440-46-2	500	120	mg/kg	UN	J
40793	BH40414AE	8	13	FT	CESIUM	7440-46-2	500	120	mg/kg	UN	J
40993	BH40415AE	20	29	FT	CESIUM	7440-46-2	500	110	mg/kg	UN	J
40993	BH40416AE	31	35	FT	CESIUM	7440-46-2	500	120	mg/kg	UN	J
41593	BH40424AE	6	8	FT	CESIUM	7440-46-2	500	120	mg/kg	UN	J
42193	BH40430AE	22	28	FT	CESIUM	7440-46-2	500	118	mg/kg	U	J
42193	BH40432AE	6	10	FT	CESIUM	7440-46-2	500	120	mg/kg	UN	J
42193	BH40433AE	28	31	FT	CESIUM	7440-46-2	500	120	mg/kg	UN	J
42493	BH40445AE	8	10	FT	CESIUM	7440-46-2	500	119	mg/kg	U	J
42593	BH40450AE	8	10	FT	CESIUM	7440-46-2	500	120	mg/kg	UN	J
43693	BH40521AE	6	8	FT	CESIUM	7440-46-2	500	104	mg/kg	U	J

425

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43693	BH40522AE	8	10	FT	CESIUM	7440-46-2	500	105	mg/kg	U	J
43693	BH40525AE	10	13	FT	CESIUM	7440-46-2	500	120	mg/kg	UN	J
46593	BH40711AE	9	11	FT	CESIUM	7440-46-2	200	14.3	mg/kg	U	J
46593	BH40713AE	11	16	FT	CESIUM	7440-46-2	200	15.3	mg/kg	U	J
46693	BH40726AE	7	8	FT	CESIUM	7440-46-2	200	15.3	mg/kg	U	J
46693	BH40728AE	9	15	FT	CESIUM	7440-46-2	200	15.3	mg/kg	U	J
46793	BH40740AE	6	8	FT	CESIUM	7440-46-2	200	15.4	mg/kg	U	J
46793	BH40742AE	8	15	FT	CESIUM	7440-46-2	200	14.4	mg/kg	U	J
46893	BH40748AE	7	9	FT	CESIUM	7440-46-2	200	27.5	mg/kg	U	J
46893	BH40749AE	9	11	FT	CESIUM	7440-46-2	200	23.9	mg/kg	U	J
46893	BH40754AE	12	12	FT	CESIUM	7440-46-2	200	22.1	mg/kg	U	J
46993	BH40768AE	6	7	FT	CESIUM	7440-46-2	200	17.6	mg/kg	U	J
46993	BH40770AE	7	13	FT	CESIUM	7440-46-2	200	19.2	mg/kg	U	J
47093	BH40776AE	7	9	FT	CESIUM	7440-46-2	1000	14.3	mg/kg	U	J
P207589	SEP0389BR0915	9	15	FT	CESIUM	7440-46-2	200	251	mg/kg	U	V
P207589	SEP0389BR1521	15	21	FT	CESIUM	7440-46-2	200	233	mg/kg	U	V
P208889	SEP1689BR1016	10	15	FT	CESIUM	7440-46-2	200	1870	mg/kg		V
P208989	SEP1789BR0915	9	15	FT	CESIUM	7440-46-2	200	2370	mg/kg		V
P209089	SEP1889BR1218	12	18	FT	CESIUM	7440-46-2	200	243	mg/kg	U	V
P209089	SEP1889BR1824	18	24	FT	CESIUM	7440-46-2	200	231	mg/kg	U	V
P209189	SEP1989BR1016	10	16	FT	CESIUM	7440-46-2	200	230	mg/kg	UJ	A
P209189	SEP1989BR1622	16	22	FT	CESIUM	7440-46-2	200	243	mg/kg	UJ	A
P209489	SEP2289BR0912	9	12	FT	CESIUM	7440-46-2	200	229	mg/kg	U	V
P209489	SEP2289BR1213	12	13	FT	CESIUM	7440-46-2	200	220	mg/kg	U	V
P209489	SEP2289BR1416	14	16	FT	CESIUM	7440-46-2	200	220	mg/kg	U	V
P209489	SEP2289BR1621	16	21	FT	CESIUM	7440-46-2	200	226	mg/kg	U	V
P209589	SEP2389BR1015	10	14	FT	CESIUM	7440-46-2	200	226	mg/kg	U	V
P209889	SEP2689BR1016	10	16	FT	CESIUM	7440-46-2	200	2410	mg/kg		A
P210189	SEP3089BR0915	9	15	FT	CESIUM	7440-46-2	200	186	mg/kg	U	V
P210189	SEP3089BR1521	15	21	FT	CESIUM	7440-46-2	200	228	mg/kg	U	V
P210189	SEP3089BR2127	21	27	FT	CESIUM	7440-46-2	200	214	mg/kg	U	V
P210289	SEP3189BR0713	7	13	FT	CESIUM	7440-46-2	200	236	mg/kg	U	V
P210289	SEP3189BR1319	13	19	FT	CESIUM	7440-46-2	200	242	mg/kg	U	V
05093	BH00064AE	6	12	FT	CHROMIUM	7440-47-3	10	7	mg/kg		J
05193	BH00069AE	6	11	FT	CHROMIUM	7440-47-3	10	7.5	mg/kg	N	J
05393	BH00079AE	18	22	FT	CHROMIUM	7440-47-3	10	8	mg/kg		J
05393	BH00081AE	6	12	FT	CHROMIUM	7440-47-3	10	14.1	mg/kg		J
05393	BH00084AE	12	18	FT	CHROMIUM	7440-47-3	10	15.3	mg/kg		J
44593	BH40005AE	6	11	FT	CHROMIUM	7440-47-3	2.3	9	mg/kg		V
41193	BH40052AE	6	8	FT	CHROMIUM	7440-47-3	2	9	mg/kg	*	V
41993	BH40065AE	6	12	FT	CHROMIUM	7440-47-3	2	5.1	mg/kg		V
43893	BH40073AE	6	11	FT	CHROMIUM	7440-47-3	2	17.8	mg/kg	*	V
42193	BH40086AE	10	16	FT	CHROMIUM	7440-47-3	10	7.8	mg/kg		V
42193	BH40091AE	16	22	FT	CHROMIUM	7440-47-3	10	14	mg/kg		V
42993	BH40144AE	7	10	FT	CHROMIUM	7440-47-3	2	8.5	mg/kg		V
40793	BH40160AE	6	8	FT	CHROMIUM	7440-47-3	10	6.5	mg/kg		V
40093	BH40170AE	6	8	FT	CHROMIUM	7440-47-3	2	13.4	mg/kg		V
44893	BH40191AE	6	12	FT	CHROMIUM	7440-47-3	2	9.3	mg/kg		V
40993	BH40204AE	6	10	FT	CHROMIUM	7440-47-3	10	6.1	mg/kg		V
40993	BH40206AE	10	19	FT	CHROMIUM	7440-47-3	10	7.6	mg/kg		V
41693	BH40220AE	6	12	FT	CHROMIUM	7440-47-3	2	34.4	mg/kg	N	J
41793	BH40246AE	6	11	FT	CHROMIUM	7440-47-3	2	10	mg/kg	N	J
42293	BH40256AE	6	11	FT	CHROMIUM	7440-47-3	10	19.6	mg/kg	N	J
42293	BH40258AE	11	13	FT	CHROMIUM	7440-47-3	10	15.9	mg/kg	N	J
42393	BH40264AE	6	8	FT	CHROMIUM	7440-47-3	2	5.6	mg/kg		V
42593	BH40290AE	10	17	FT	CHROMIUM	7440-47-3	10	14.1	mg/kg		V
43193	BH40309AE	6	11	FT	CHROMIUM	7440-47-3	2	9.8	mg/kg	N	J
43393	BH40324AE	8	13	FT	CHROMIUM	7440-47-3	10	13.2	mg/kg		V
43793	BH40335AE	6	12	FT	CHROMIUM	7440-47-3	10	13.7	mg/kg		V
44093	BH40351AE	6	10	FT	CHROMIUM	7440-47-3	2	10.5	mg/kg	N	J
45893	BH40380AE	6	9	FT	CHROMIUM	7440-47-3	10	8.9	mg/kg		V
45893	BH40382AE	9	18	FT	CHROMIUM	7440-47-3	10	10.2	mg/kg		V
40793	BH40414AE	8	13	FT	CHROMIUM	7440-47-3	10	7.5	mg/kg		V
993	BH40415AE	20	29	FT	CHROMIUM	7440-47-3	10	11.8	mg/kg		V
993	BH40416AE	31	35	FT	CHROMIUM	7440-47-3	10	13.4	mg/kg		V

426

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41593	BH40424AE	6	8	FT	CHROMIUM	7440-47-3	10	6.8	mg/kg	N	J
42193	BH40430AE	22	28	FT	CHROMIUM	7440-47-3	10	9.9	mg/kg		V
42193	BH40432AE	6	10	FT	CHROMIUM	7440-47-3	10	5.8	mg/kg		J
42193	BH40433AE	28	31	FT	CHROMIUM	7440-47-3	10	12.6	mg/kg		V
42493	BH40445AE	8	10	FT	CHROMIUM	7440-47-3	10	11.2	mg/kg		V
42593	BH40450AE	8	10	FT	CHROMIUM	7440-47-3	10	8.1	mg/kg		V
43693	BH40521AE	6	8	FT	CHROMIUM	7440-47-3	10	15.2	mg/kg		V
43693	BH40522AE	8	10	FT	CHROMIUM	7440-47-3	10	21.5	mg/kg		V
43693	BH40525AE	10	13	FT	CHROMIUM	7440-47-3	10	17.3	mg/kg		V
46593	BH40711AE	9	11	FT	CHROMIUM	7440-47-3	2	9.2	mg/kg		V
46593	BH40713AE	11	16	FT	CHROMIUM	7440-47-3	2	10.2	mg/kg		V
46693	BH40726AE	7	8	FT	CHROMIUM	7440-47-3	2	6.3	mg/kg		V
46693	BH40728AE	9	15	FT	CHROMIUM	7440-47-3	2	6.1	mg/kg		V
46793	BH40740AE	6	8	FT	CHROMIUM	7440-47-3	2	4.7	mg/kg		V
46793	BH40742AE	8	15	FT	CHROMIUM	7440-47-3	2	10.2	mg/kg		V
46893	BH40748AE	7	9	FT	CHROMIUM	7440-47-3	2	6.6	mg/kg		V
46893	BH40749AE	9	11	FT	CHROMIUM	7440-47-3	2	3.7	mg/kg	U	J
46893	BH40754AE	12	12	FT	CHROMIUM	7440-47-3	2	5.1	mg/kg	U	J
46993	BH40768AE	6	7	FT	CHROMIUM	7440-47-3	2	3.5	mg/kg	U	J
46993	BH40770AE	7	13	FT	CHROMIUM	7440-47-3	2	2.7	mg/kg	U	J
47093	BH40776AE	7	9	FT	CHROMIUM	7440-47-3	10	13.3	mg/kg		V
P207589	SEP0389BR0915	9	15	FT	CHROMIUM	7440-47-3	2	11.4	mg/kg		A
P207589	SEP0389BR1521	15	21	FT	CHROMIUM	7440-47-3	2	10.1	mg/kg		A
P208889	SEP1689BR1016	10	15	FT	CHROMIUM	7440-47-3	2	5.3	mg/kg		A
P208989	SEP1789BR0915	9	15	FT	CHROMIUM	7440-47-3	2	5.2	mg/kg		A
P209089	SEP1889BR1218	12	18	FT	CHROMIUM	7440-47-3	2	8	mg/kg		V
P209089	SEP1889BR1824	18	24	FT	CHROMIUM	7440-47-3	2	4.6	mg/kg		A
P209189	SEP1989BR1016	10	16	FT	CHROMIUM	7440-47-3	2	5.9	mg/kg		A
P209189	SEP1989BR1622	16	22	FT	CHROMIUM	7440-47-3	2	9.5	mg/kg		V
P209489	SEP2289BR0912	9	12	FT	CHROMIUM	7440-47-3	2	4.8	mg/kg		A
P209489	SEP2289BR1213	12	13	FT	CHROMIUM	7440-47-3	2	4.4	mg/kg		A
P209489	SEP2289BR1416	14	16	FT	CHROMIUM	7440-47-3	2	4.6	mg/kg		A
P209489	SEP2289BR1621	16	21	FT	CHROMIUM	7440-47-3	2	3.8	mg/kg		A
P209589	SEP2389BR1015	10	14	FT	CHROMIUM	7440-47-3	2	6.8	mg/kg		A
P209889	SEP2689BR1016	10	16	FT	CHROMIUM	7440-47-3	2	7.7	mg/kg		V
P210189	SEP3089BR0915	9	15	FT	CHROMIUM	7440-47-3	2	7.6	mg/kg		V
P210189	SEP3089BR1521	15	21	FT	CHROMIUM	7440-47-3	2	27.1	mg/kg		V
P210189	SEP3089BR2127	21	27	FT	CHROMIUM	7440-47-3	2	11.6	mg/kg		V
P210289	SEP3189BR0713	7	13	FT	CHROMIUM	7440-47-3	2	7.2	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	CHROMIUM	7440-47-3	2	7.5	mg/kg		V
05093	BH00064AE	6	12	FT	COBALT	7440-48-4	10	3.8	mg/kg	B	V
05193	BH00069AE	6	11	FT	COBALT	7440-48-4	10	4.1	mg/kg	B	V
05393	BH00079AE	18	22	FT	COBALT	7440-48-4	10	2.7	mg/kg	B	V
05393	BH00081AE	6	12	FT	COBALT	7440-48-4	10	2.4	mg/kg	U	V
05393	BH00084AE	12	18	FT	COBALT	7440-48-4	10	8.6	mg/kg	B	V
44593	BH40005AE	6	11	FT	COBALT	7440-48-4	11.4	5	mg/kg	B	V
41193	BH40052AE	6	8	FT	COBALT	7440-48-4	11	13.7	mg/kg		V
41993	BH40065AE	6	12	FT	COBALT	7440-48-4	12	2.3	mg/kg	U	V
43893	BH40073AE	6	11	FT	COBALT	7440-48-4	11	9.8	mg/kg	B	V
42193	BH40086AE	10	16	FT	COBALT	7440-48-4	10	7.2	mg/kg	B	V
42193	BH40091AE	16	22	FT	COBALT	7440-48-4	10	7.4	mg/kg	B	V
42993	BH40144AE	7	10	FT	COBALT	7440-48-4	11	2.6	mg/kg	B	V
40793	BH40160AE	6	8	FT	COBALT	7440-48-4	10	5.4	mg/kg	B	V
40093	BH40170AE	6	8	FT	COBALT	7440-48-4	12	5.4	mg/kg	B	V
44893	BH40191AE	6	12	FT	COBALT	7440-48-4	12	3.5	mg/kg	B	V
40993	BH40204AE	6	10	FT	COBALT	7440-48-4	10	11.8	mg/kg		V
40993	BH40206AE	10	19	FT	COBALT	7440-48-4	10	4.4	mg/kg	B	V
41693	BH40220AE	6	12	FT	COBALT	7440-48-4	12	9.9	mg/kg	B	V
41793	BH40246AE	6	11	FT	COBALT	7440-48-4	11	2.2	mg/kg	U	V
42293	BH40256AE	6	11	FT	COBALT	7440-48-4	10	6.4	mg/kg	B	V
42293	BH40258AE	11	13	FT	COBALT	7440-48-4	10	6.7	mg/kg	B	V
42393	BH40264AE	6	8	FT	COBALT	7440-48-4	11	3.5	mg/kg	B	V
42593	BH40290AE	10	17	FT	COBALT	7440-48-4	10	8.4	mg/kg	B	V
43193	BH40309AE	6	11	FT	COBALT	7440-48-4	11	4.4	mg/kg	B	V
43393	BH40324AE	8	13	FT	COBALT	7440-48-4	10	11.1	mg/kg	B	V

427

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43793	BH40335AE	6	12	FT	COBALT	7440-48-4	10	17.3	mg/kg		V
44093	BH40351AE	6	10	FT	COBALT	7440-48-4	11	5.8	mg/kg	B	V
45893	BH40380AE	6	9	FT	COBALT	7440-48-4	10	6.7	mg/kg	B	V
45893	BH40382AE	9	18	FT	COBALT	7440-48-4	10	6.2	mg/kg	B	V
40793	BH40414AE	8	13	FT	COBALT	7440-48-4	10	7.8	mg/kg	B	V
40993	BH40415AE	20	29	FT	COBALT	7440-48-4	10	8.2	mg/kg	B	V
40993	BH40416AE	31	35	FT	COBALT	7440-48-4	10	7.7	mg/kg	B	V
41593	BH40424AE	6	8	FT	COBALT	7440-48-4	10	2.4	mg/kg	U	V
42193	BH40430AE	22	28	FT	COBALT	7440-48-4	10	7.5	mg/kg	B	V
42193	BH40432AE	6	10	FT	COBALT	7440-48-4	10	3.1	mg/kg	B	V
42193	BH40433AE	28	31	FT	COBALT	7440-48-4	10	33.8	mg/kg		V
42493	BH40445AE	8	10	FT	COBALT	7440-48-4	10	6.8	mg/kg	B	V
42593	BH40450AE	8	10	FT	COBALT	7440-48-4	10	6	mg/kg	B	V
43693	BH40521AE	6	8	FT	COBALT	7440-48-4	10	2.9	mg/kg	B	V
43693	BH40522AE	8	10	FT	COBALT	7440-48-4	10	13.7	mg/kg		V
43693	BH40525AE	10	13	FT	COBALT	7440-48-4	10	23.9	mg/kg		V
46593	BH40711AE	9	11	FT	COBALT	7440-48-4	10	9.5	mg/kg	B	V
46593	BH40713AE	11	16	FT	COBALT	7440-48-4	10	5.8	mg/kg	U	J
46693	BH40726AE	7	8	FT	COBALT	7440-48-4	10	2.1	mg/kg	U	J
46693	BH40728AE	9	15	FT	COBALT	7440-48-4	10	9.4	mg/kg	B	V
46793	BH40740AE	6	8	FT	COBALT	7440-48-4	10	0.73	mg/kg	U	V
46793	BH40742AE	8	15	FT	COBALT	7440-48-4	10	6.9	mg/kg	B	V
46893	BH40748AE	7	9	FT	COBALT	7440-48-4	10	4.4	mg/kg	B	V
46893	BH40749AE	9	11	FT	COBALT	7440-48-4	10	6.9	mg/kg	B	V
46893	BH40754AE	12	12	FT	COBALT	7440-48-4	10	2.6	mg/kg	B	V
46993	BH40768AE	6	7	FT	COBALT	7440-48-4	10	5.2	mg/kg	B	V
46993	BH40770AE	7	13	FT	COBALT	7440-48-4	10	1.5	mg/kg	B	V
47093	BH40776AE	7	9	FT	COBALT	7440-48-4	50	4	mg/kg	B	V
P207589	SEP0389BR0915	9	15	FT	COBALT	7440-48-4	10	17.9	mg/kg		A
P207589	SEP0389BR1521	15	21	FT	COBALT	7440-48-4	10	4.6	mg/kg	U	V
[illegible]8889	SEP1689BR1016	10	15	FT	COBALT	7440-48-4	10	4.8	mg/kg	J	A
[illegible]989	SEP1789BR0915	9	15	FT	COBALT	7440-48-4	10	3.4	mg/kg	J	A
P209089	SEP1889BR1218	12	18	FT	COBALT	7440-48-4	10	18	mg/kg	U	V
P209089	SEP1889BR1824	18	24	FT	COBALT	7440-48-4	10	3.5	mg/kg	J	A
P209189	SEP1989BR1016	10	16	FT	COBALT	7440-48-4	10	4	mg/kg	UJ	V
P209189	SEP1989BR1622	16	22	FT	COBALT	7440-48-4	10	8.1	mg/kg	U	V
P209489	SEP2289BR0912	9	12	FT	COBALT	7440-48-4	10	5.1	mg/kg	J	A
P209489	SEP2289BR1213	12	13	FT	COBALT	7440-48-4	10	7.5	mg/kg	J	A
P209489	SEP2289BR1416	14	16	FT	COBALT	7440-48-4	10	5.9	mg/kg	J	A
P209489	SEP2289BR1621	16	21	FT	COBALT	7440-48-4	10	2.8	mg/kg	J	A
P209589	SEP2389BR1015	10	14	FT	COBALT	7440-48-4	10	8.6	mg/kg	J	A
P209889	SEP2689BR1016	10	16	FT	COBALT	7440-48-4	10	7.3	mg/kg	J	A
P210189	SEP3089BR0915	9	15	FT	COBALT	7440-48-4	10	1.8	mg/kg	B	V
P210189	SEP3089BR1521	15	21	FT	COBALT	7440-48-4	10	8.2	mg/kg	B	V
P210189	SEP3089BR2127	21	27	FT	COBALT	7440-48-4	10	6.8	mg/kg	B	V
P210289	SEP3189BR0713	7	13	FT	COBALT	7440-48-4	10	6.4	mg/kg	J	A
P210289	SEP3189BR1319	13	19	FT	COBALT	7440-48-4	10	8.4	mg/kg	J	A
05093	BH00064AE	6	12	FT	COPPER	7440-50-8	10	7.4	mg/kg		V
05193	BH00069AE	6	11	FT	COPPER	7440-50-8	10	5.6	mg/kg		V
05393	BH00079AE	18	22	FT	COPPER	7440-50-8	10	11.7	mg/kg		V
05393	BH00081AE	6	12	FT	COPPER	7440-50-8	10	16.8	mg/kg		V
05393	BH00084AE	12	18	FT	COPPER	7440-50-8	10	22.6	mg/kg		V
44593	BH40005AE	6	11	FT	COPPER	7440-50-8	5.7	8.3	mg/kg		V
41193	BH40052AE	6	8	FT	COPPER	7440-50-8	5	8.5	mg/kg		V
41993	BH40065AE	6	12	FT	COPPER	7440-50-8	6	3.8	mg/kg	B	V
43893	BH40073AE	6	11	FT	COPPER	7440-50-8	5	4.5	mg/kg	B	V
42193	BH40086AE	10	16	FT	COPPER	7440-50-8	10	16.3	mg/kg		V
42193	BH40091AE	16	22	FT	COPPER	7440-50-8	10	43.1	mg/kg		V
42993	BH40144AE	7	10	FT	COPPER	7440-50-8	5	2.9	mg/kg	B	V
40793	BH40160AE	6	8	FT	COPPER	7440-50-8	10	2.6	mg/kg	B	J
40093	BH40170AE	6	8	FT	COPPER	7440-50-8	6	19.1	mg/kg		V
44893	BH40191AE	6	12	FT	COPPER	7440-50-8	6	10.4	mg/kg		V
40993	BH40204AE	6	10	FT	COPPER	7440-50-8	10	8.7	mg/kg		J
[illegible]3	BH40206AE	10	19	FT	COPPER	7440-50-8	10	8	mg/kg		V
[illegible]3	BH40220AE	6	12	FT	COPPER	7440-50-8	6	50.2	mg/kg		V

428

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41793	BH40246AE	6	11	FT	COPPER	7440-50-8	6	4.1	mg/kg	B	V
42293	BH40256AE	6	11	FT	COPPER	7440-50-8	10	7.9	mg/kg		V
42293	BH40258AE	11	13	FT	COPPER	7440-50-8	10	7.5	mg/kg		V
42393	BH40264AE	6	8	FT	COPPER	7440-50-8	5	8	mg/kg		V
42593	BH40290AE	10	17	FT	COPPER	7440-50-8	10	14.2	mg/kg		V
43193	BH40309AE	6	11	FT	COPPER	7440-50-8	6	7.8	mg/kg		V
43393	BH40324AE	8	13	FT	COPPER	7440-50-8	10	18.9	mg/kg	*	V
43793	BH40335AE	6	12	FT	COPPER	7440-50-8	10	4.8	mg/kg	B	J
44093	BH40351AE	6	10	FT	COPPER	7440-50-8	5	10.6	mg/kg		V
45893	BH40380AE	6	9	FT	COPPER	7440-50-8	10	10.1	mg/kg		V
45893	BH40382AE	9	18	FT	COPPER	7440-50-8	10	9.3	mg/kg		V
40793	BH40414AE	8	13	FT	COPPER	7440-50-8	10	6.7	mg/kg		J
40993	BH40415AE	20	29	FT	COPPER	7440-50-8	10	12.2	mg/kg		V
40993	BH40416AE	31	35	FT	COPPER	7440-50-8	10	14.3	mg/kg		V
41593	BH40424AE	6	8	FT	COPPER	7440-50-8	10	6.4	mg/kg		V
42193	BH40430AE	22	28	FT	COPPER	7440-50-8	10	14.2	mg/kg		V
42193	BH40432AE	6	10	FT	COPPER	7440-50-8	10	10.1	mg/kg	*	V
42193	BH40433AE	28	31	FT	COPPER	7440-50-8	10	25.2	mg/kg	*	V
42493	BH40445AE	8	10	FT	COPPER	7440-50-8	10	20.5	mg/kg		V
42593	BH40450AE	8	10	FT	COPPER	7440-50-8	10	14.1	mg/kg		V
43693	BH40521AE	6	8	FT	COPPER	7440-50-8	10	6.6	mg/kg		V
43693	BH40522AE	8	10	FT	COPPER	7440-50-8	10	10.4	mg/kg		V
43693	BH40525AE	10	13	FT	COPPER	7440-50-8	10	26.2	mg/kg		V
46593	BH40711AE	9	11	FT	COPPER	7440-50-8	5	24.2	mg/kg		V
46593	BH40713AE	11	16	FT	COPPER	7440-50-8	5	18.5	mg/kg		V
46693	BH40726AE	7	8	FT	COPPER	7440-50-8	5	4.5	mg/kg	B	V
46693	BH40728AE	9	15	FT	COPPER	7440-50-8	5	13.7	mg/kg		V
46793	BH40740AE	6	8	FT	COPPER	7440-50-8	5	3.1	mg/kg	B	J
46793	BH40742AE	8	15	FT	COPPER	7440-50-8	5	20.6	mg/kg		V
46893	BH40748AE	7	9	FT	COPPER	7440-50-8	5	8.2	mg/kg		J
46893	BH40749AE	9	11	FT	COPPER	7440-50-8	5	6.4	mg/kg		J
46893	BH40754AE	12	12	FT	COPPER	7440-50-8	5	3.7	mg/kg	B	J
46993	BH40768AE	6	7	FT	COPPER	7440-50-8	5	25.2	mg/kg		V
46993	BH40770AE	7	13	FT	COPPER	7440-50-8	5	11.4	mg/kg		V
47093	BH40776AE	7	9	FT	COPPER	7440-50-8	25	7.8	mg/kg		V
P207589	SEP0389BR0915	9	15	FT	COPPER	7440-50-8	5	23.7	mg/kg		A
P207589	SEP0389BR1521	15	21	FT	COPPER	7440-50-8	5	17	mg/kg		V
P208889	SEP1689BR1016	10	15	FT	COPPER	7440-50-8	5	8.1	mg/kg		A
P208989	SEP1789BR0915	9	15	FT	COPPER	7440-50-8	5	7.7	mg/kg		A
P209089	SEP1889BR1218	12	18	FT	COPPER	7440-50-8	5	11.8	mg/kg		V
P209089	SEP1889BR1824	18	24	FT	COPPER	7440-50-8	5	7.3	mg/kg		A
P209189	SEP1989BR1016	10	16	FT	COPPER	7440-50-8	5	8.5	mg/kg		V
P209189	SEP1989BR1622	16	22	FT	COPPER	7440-50-8	5	11.6	mg/kg		V
P209489	SEP2289BR0912	9	12	FT	COPPER	7440-50-8	5	5.5	mg/kg	UJ	A
P209489	SEP2289BR1213	12	13	FT	COPPER	7440-50-8	5	13.3	mg/kg		V
P209489	SEP2289BR1416	14	16	FT	COPPER	7440-50-8	5	5.8	mg/kg		A
P209489	SEP2289BR1621	16	21	FT	COPPER	7440-50-8	5	4.1	mg/kg	UJ	A
P209589	SEP2389BR1015	10	14	FT	COPPER	7440-50-8	5	12.2	mg/kg		V
P209889	SEP2689BR1016	10	16	FT	COPPER	7440-50-8	5	13.1	mg/kg		V
P210189	SEP3089BR0915	9	15	FT	COPPER	7440-50-8	5	3.9	mg/kg	UJ	A
P210189	SEP3089BR1521	15	21	FT	COPPER	7440-50-8	5	18.2	mg/kg		V
P210189	SEP3089BR2127	21	27	FT	COPPER	7440-50-8	5	24.3	mg/kg		V
P210289	SEP3189BR0713	7	13	FT	COPPER	7440-50-8	5	18	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	COPPER	7440-50-8	5	15.7	mg/kg		V
05093	BH00064AE	6	12	FT	CYANIDE	57-12-5	0.61	0.59	mg/kg	U	V
05193	BH00069AE	6	11	FT	CYANIDE	57-12-5	0.54	0.53	mg/kg	U	V
05393	BH00079AE	18	22	FT	CYANIDE	57-12-5	0.59	0.52	mg/kg	U	V
05393	BH00081AE	6	12	FT	CYANIDE	57-12-5	0.6	0.59	mg/kg	U	V
05393	BH00084AE	12	18	FT	CYANIDE	57-12-5	0.6	0.57	mg/kg	U	V
41193	BH40052AE	6	8	FT	CYANIDE	57-12-5	0.5	0.525	mg/kg	U	V
41993	BH40065AE	6	12	FT	CYANIDE	57-12-5	0.5	0.567	mg/kg	U	V
43893	BH40073AE	6	11	FT	CYANIDE	57-12-5	0.5	0.5	mg/kg	U	V
42193	BH40086AE	10	16	FT	CYANIDE	57-12-5	0.5	0.589	mg/kg	U	V
42193	BH40091AE	16	22	FT	CYANIDE	57-12-5	0.5	0.527	mg/kg	U	V
42993	BH40144AE	7	10	FT	CYANIDE	57-12-5	0.5	0.535	mg/kg	U	V

429

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40793	BH40160AE	6	8	FT	CYANIDE	57-12-5	0.5	0.584	mg/kg	U	
40093	BH40170AE	6	8	FT	CYANIDE	57-12-5	0.5	0.582	mg/kg	U	V
44893	BH40191AE	6	12	FT	CYANIDE	57-12-5	0.5	0.565	mg/kg	U	V
40993	BH40204AE	6	10	FT	CYANIDE	57-12-5	0.5	0.546	mg/kg	U	V
40993	BH40206AE	10	19	FT	CYANIDE	57-12-5	0.5	0.546	mg/kg	U	V
41693	BH40220AE	6	12	FT	CYANIDE	57-12-5	0.5	0.577	mg/kg	U	
41793	BH40246AE	6	11	FT	CYANIDE	57-12-5	0.5	0.525	mg/kg		V
42293	BH40256AE	6	11	FT	CYANIDE	57-12-5	0.5	0.19	mg/kg	U	J
42293	BH40258AE	11	13	FT	CYANIDE	57-12-5	0.5	0.579	mg/kg	U	V
42393	BH40264AE	6	8	FT	CYANIDE	57-12-5	0.5	0.497	mg/kg	U	V
42593	BH40290AE	10	17	FT	CYANIDE	57-12-5	0.5	0.565	mg/kg	U	V
43193	BH40309AE	6	11	FT	CYANIDE	57-12-5	0.5	0.492	mg/kg	U	V
43393	BH40324AE	8	13	FT	CYANIDE	57-12-5	0.5	0.591	mg/kg	U	J
43793	BH40335AE	6	12	FT	CYANIDE	57-12-5	0.5	0.543	mg/kg	U	
44093	BH40351AE	6	10	FT	CYANIDE	57-12-5	0.5	0.521	mg/kg	U	V
45893	BH40380AE	6	9	FT	CYANIDE	57-12-5	0.5	0.593	mg/kg	U	J
45893	BH40382AE	9	18	FT	CYANIDE	57-12-5	0.5	0.578	mg/kg	U	J
40793	BH40414AE	8	13	FT	CYANIDE	57-12-5	0.5	0.568	mg/kg	U	
40993	BH40415AE	20	29	FT	CYANIDE	57-12-5	0.5	0.56	mg/kg	U	V
40993	BH40416AE	31	35	FT	CYANIDE	57-12-5	0.5	0.592	mg/kg	U	V
42193	BH40430AE	22	28	FT	CYANIDE	57-12-5	0.5	0.555	mg/kg	U	V
42193	BH40433AE	28	31	FT	CYANIDE	57-12-5	0.5	0.575	mg/kg	U	V
42593	BH40450AE	8	10	FT	CYANIDE	57-12-5	0.5	0.574	mg/kg	U	J
46593	BH40713AE	11	16	FT	CYANIDE	57-12-5	0.5	0.6	mg/kg	U	V
46693	BH40728AE	9	15	FT	CYANIDE	57-12-5	0.5	1.94	mg/kg		V
46793	BH40742AE	8	15	FT	CYANIDE	57-12-5	0.5	1.28	mg/kg		V
46993	BH40770AE	7	13	FT	CYANIDE	57-12-5	0.5	0.59	mg/kg	U	V
46893	BH40807AE	6	12	FT	CYANIDE	57-12-5	0.5	0.51	mg/kg	U	V
05093	BH00064AE	6	12	FT	IRON	7439-89-6	20	7560	mg/kg		V
05193	BH00069AE	6	11	FT	IRON	7439-89-6	20	7310	mg/kg		V
05393	BH00079AE	18	22	FT	IRON	7439-89-6	20	5390	mg/kg		V
05393	BH00081AE	6	12	FT	IRON	7439-89-6	20	7880	mg/kg		V
05393	BH00084AE	12	18	FT	IRON	7439-89-6	20	7440	mg/kg		V
44593	BH40005AE	6	11	FT	IRON	7439-89-6	22.7	10600	mg/kg		V
41193	BH40052AE	6	8	FT	IRON	7439-89-6	21	11200	mg/kg		V
41993	BH40065AE	6	12	FT	IRON	7439-89-6	23	5360	mg/kg	*	V
43893	BH40073AE	6	11	FT	IRON	7439-89-6	21	7200	mg/kg		V
42193	BH40086AE	10	16	FT	IRON	7439-89-6	20	13200	mg/kg		V
42193	BH40091AE	16	22	FT	IRON	7439-89-6	20	10600	mg/kg		V
42993	BH40144AE	7	10	FT	IRON	7439-89-6	22	6840	mg/kg		V
40793	BH40160AE	6	8	FT	IRON	7439-89-6	20	8070	mg/kg		V
40093	BH40170AE	6	8	FT	IRON	7439-89-6	25	19400	mg/kg	*	V
44893	BH40191AE	6	12	FT	IRON	7439-89-6	24	12600	mg/kg	*	V
40993	BH40204AE	6	10	FT	IRON	7439-89-6	20	7690	mg/kg		V
40993	BH40206AE	10	19	FT	IRON	7439-89-6	20	7360	mg/kg		V
41693	BH40220AE	6	12	FT	IRON	7439-89-6	23	22000	mg/kg	E	J
41793	BH40246AE	6	11	FT	IRON	7439-89-6	22	8690	mg/kg	E	J
42293	BH40256AE	6	11	FT	IRON	7439-89-6	20	18000	mg/kg		V
42293	BH40258AE	11	13	FT	IRON	7439-89-6	20	12300	mg/kg		V
42393	BH40264AE	6	8	FT	IRON	7439-89-6	21	8060	mg/kg		V
42593	BH40290AE	10	17	FT	IRON	7439-89-6	20	13500	mg/kg		V
43193	BH40309AE	6	11	FT	IRON	7439-89-6	23	9550	mg/kg	E	J
43393	BH40324AE	8	13	FT	IRON	7439-89-6	20	10600	mg/kg		V
43793	BH40335AE	6	12	FT	IRON	7439-89-6	20	12900	mg/kg		V
44093	BH40351AE	6	10	FT	IRON	7439-89-6	21	11100	mg/kg	E	J
45893	BH40380AE	6	9	FT	IRON	7439-89-6	20	12000	mg/kg		V
45893	BH40382AE	9	18	FT	IRON	7439-89-6	20	16100	mg/kg		V
40793	BH40414AE	8	13	FT	IRON	7439-89-6	20	12100	mg/kg		V
40993	BH40415AE	20	29	FT	IRON	7439-89-6	20	27700	mg/kg		V
40993	BH40416AE	31	35	FT	IRON	7439-89-6	20	26200	mg/kg		V
41593	BH40424AE	6	8	FT	IRON	7439-89-6	20	10400	mg/kg		V
42193	BH40430AE	22	28	FT	IRON	7439-89-6	20	10000	mg/kg		V
42193	BH40432AE	6	10	FT	IRON	7439-89-6	20	12200	mg/kg		V
42193	BH40433AE	28	31	FT	IRON	7439-89-6	20	17200	mg/kg		V
42493	BH40445AE	8	10	FT	IRON	7439-89-6	20	21400	mg/kg		V

430

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42593	BH40450AE	8	10	FT	IRON	7439-89-6	20	12800	mg/kg		V
43693	BH40521AE	6	8	FT	IRON	7439-89-6	20	7910	mg/kg		V
43693	BH40522AE	8	10	FT	IRON	7439-89-6	20	9430	mg/kg		V
43693	BH40525AE	10	13	FT	IRON	7439-89-6	20	50800	mg/kg		V
46593	BH40711AE	9	11	FT	IRON	7439-89-6	20	13500	mg/kg		V
46593	BH40713AE	11	16	FT	IRON	7439-89-6	20	11400	mg/kg		V
46693	BH40726AE	7	8	FT	IRON	7439-89-6	20	4720	mg/kg		V
46693	BH40728AE	9	15	FT	IRON	7439-89-6	20	6940	mg/kg		V
46793	BH40740AE	6	8	FT	IRON	7439-89-6	20	2580	mg/kg		V
46793	BH40742AE	8	15	FT	IRON	7439-89-6	20	12400	mg/kg		V
46893	BH40748AE	7	9	FT	IRON	7439-89-6	20	6720	mg/kg		V
46893	BH40749AE	9	11	FT	IRON	7439-89-6	20	4820	mg/kg		V
46893	BH40754AE	12	12	FT	IRON	7439-89-6	20	5150	mg/kg		V
46993	BH40768AE	6	7	FT	IRON	7439-89-6	20	12100	mg/kg		V
46993	BH40770AE	7	13	FT	IRON	7439-89-6	20	1060	mg/kg		V
47093	BH40776AE	7	9	FT	IRON	7439-89-6	100	7100	mg/kg		V
P207589	SEP0389BR0915	9	15	FT	IRON	7439-89-6	20	30500	mg/kg		A
P207589	SEP0389BR1521	15	21	FT	IRON	7439-89-6	20	7380	mg/kg		A
P208889	SEP1689BR1016	10	15	FT	IRON	7439-89-6	20	5550	mg/kg		A
P208989	SEP1789BR0915	9	15	FT	IRON	7439-89-6	20	3160	mg/kg		V
P209089	SEP1889BR1218	12	18	FT	IRON	7439-89-6	20	6210	mg/kg		V
P209089	SEP1889BR1824	18	24	FT	IRON	7439-89-6	20	3640	mg/kg		V
P209189	SEP1989BR1016	10	16	FT	IRON	7439-89-6	20	7830	mg/kg		V
P209189	SEP1989BR1622	16	22	FT	IRON	7439-89-6	20	14500	mg/kg		V
P209489	SEP2289BR0912	9	12	FT	IRON	7439-89-6	20	5280	mg/kg		A
P209489	SEP2289BR1213	12	13	FT	IRON	7439-89-6	20	18900	mg/kg		A
P209489	SEP2289BR1416	14	16	FT	IRON	7439-89-6	20	6860	mg/kg		A
P209489	SEP2289BR1621	16	21	FT	IRON	7439-89-6	20	4970	mg/kg		A
P209589	SEP2389BR1015	10	14	FT	IRON	7439-89-6	20	8710	mg/kg		A
P209889	SEP2689BR1016	10	16	FT	IRON	7439-89-6	20	21300	mg/kg		V
P210189	SEP3089BR0915	9	15	FT	IRON	7439-89-6	20	4720	mg/kg		V
P210189	SEP3089BR1521	15	21	FT	IRON	7439-89-6	20	21200	mg/kg		V
P210189	SEP3089BR2127	21	27	FT	IRON	7439-89-6	20	21200	mg/kg		V
P210289	SEP3189BR0713	7	13	FT	IRON	7439-89-6	20	6650	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	IRON	7439-89-6	20	7640	mg/kg		V
05093	BH00064AE	6	12	FT	LEAD	7439-92-1	2	15.7	mg/kg	SN*	J
05193	BH00069AE	6	11	FT	LEAD	7439-92-1	2	3.3	mg/kg	N	J
05393	BH00079AE	18	22	FT	LEAD	7439-92-1	2	19.7	mg/kg	N*	J
05393	BH00081AE	6	12	FT	LEAD	7439-92-1	2	31.6	mg/kg	N*	J
05393	BH00084AE	12	18	FT	LEAD	7439-92-1	2	38.7	mg/kg	SN*	J
44593	BH40005AE	6	11	FT	LEAD	7439-92-1	1.1	3.3	mg/kg		V
41193	BH40052AE	6	8	FT	LEAD	7439-92-1	1	7.2	mg/kg	*	J
41993	BH40065AE	6	12	FT	LEAD	7439-92-1	1	3.2	mg/kg	N	J
43893	BH40073AE	6	11	FT	LEAD	7439-92-1	1	3.7	mg/kg	*	J
42193	BH40086AE	10	16	FT	LEAD	7439-92-1	2	7	mg/kg	N	J
42193	BH40091AE	16	22	FT	LEAD	7439-92-1	2	18.2	mg/kg	N	J
42993	BH40144AE	7	10	FT	LEAD	7439-92-1	1	8.6	mg/kg	SN	J
40793	BH40160AE	6	8	FT	LEAD	7439-92-1	2	5.9	mg/kg		J
40093	BH40170AE	6	8	FT	LEAD	7439-92-1	1	22.4	mg/kg	SN	J
44893	BH40191AE	6	12	FT	LEAD	7439-92-1	1	10.8	mg/kg	N	J
40993	BH40204AE	6	10	FT	LEAD	7439-92-1	2	5.5	mg/kg		J
40993	BH40206AE	10	19	FT	LEAD	7439-92-1	2	9.2	mg/kg	S	V
41693	BH40220AE	6	12	FT	LEAD	7439-92-1	0.5	14	mg/kg		V
41793	BH40246AE	6	11	FT	LEAD	7439-92-1	0.4	4.1	mg/kg		V
42293	BH40256AE	6	11	FT	LEAD	7439-92-1	2	10.7	mg/kg	N	J
42293	BH40258AE	11	13	FT	LEAD	7439-92-1	2	8.1	mg/kg	N	J
42393	BH40264AE	6	8	FT	LEAD	7439-92-1	1	6.3	mg/kg	N	J
42593	BH40290AE	10	17	FT	LEAD	7439-92-1	2	9.8	mg/kg	N	J
43193	BH40309AE	6	11	FT	LEAD	7439-92-1	0.5	5.6	mg/kg		V
43393	BH40324AE	8	13	FT	LEAD	7439-92-1	2	24.6	mg/kg		V
43793	BH40335AE	6	12	FT	LEAD	7439-92-1	2	3.3	mg/kg		J
44093	BH40351AE	6	10	FT	LEAD	7439-92-1	0.4	4.1	mg/kg		V
45893	BH40380AE	6	9	FT	LEAD	7439-92-1	2	10.8	mg/kg		V
45893	BH40382AE	9	18	FT	LEAD	7439-92-1	2	9.9	mg/kg	S	V
40793	BH40414AE	8	13	FT	LEAD	7439-92-1	2	8.2	mg/kg		J

431

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40993	BH40415AE	20	29	FT	LEAD	7439-92-1	2	16.9	mg/kg	S	V
40993	BH40416AE	31	35	FT	LEAD	7439-92-1	2	17.2	mg/kg		V
41593	BH40424AE	6	8	FT	LEAD	7439-92-1	2	5.8	mg/kg	N	J
42193	BH40430AE	22	28	FT	LEAD	7439-92-1	2	10.9	mg/kg	N	J
42193	BH40432AE	6	10	FT	LEAD	7439-92-1	2	17	mg/kg		V
42193	BH40433AE	28	31	FT	LEAD	7439-92-1	2	4.8	mg/kg		V
42493	BH40445AE	8	10	FT	LEAD	7439-92-1	2	8.8	mg/kg	N	J
42593	BH40450AE	8	10	FT	LEAD	7439-92-1	2	18.6	mg/kg	S	V
43693	BH40521AE	6	8	FT	LEAD	7439-92-1	2	2.5	mg/kg	N	J
43693	BH40522AE	8	10	FT	LEAD	7439-92-1	2	4	mg/kg	N	J
43693	BH40525AE	10	13	FT	LEAD	7439-92-1	2	18.9	mg/kg	N	J
46593	BH40711AE	9	11	FT	LEAD	7439-92-1	0.6	15.1	mg/kg		V
46593	BH40713AE	11	16	FT	LEAD	7439-92-1	0.6	18	mg/kg		V
46693	BH40726AE	7	8	FT	LEAD	7439-92-1	0.6	9.1	mg/kg		V
46693	BH40728AE	9	15	FT	LEAD	7439-92-1	0.6	15.4	mg/kg		V
46793	BH40740AE	6	8	FT	LEAD	7439-92-1	0.6	21.8	mg/kg	S	V
46793	BH40742AE	8	15	FT	LEAD	7439-92-1	0.6	15.7	mg/kg	S	V
46893	BH40748AE	7	9	FT	LEAD	7439-92-1	1	2.4	mg/kg		J
46893	BH40749AE	9	11	FT	LEAD	7439-92-1	1	2.9	mg/kg		V
46893	BH40754AE	12	12	FT	LEAD	7439-92-1	1	2.6	mg/kg		J
46993	BH40770AE	7	13	FT	LEAD	7439-92-1	1	12.8	mg/kg		V
47093	BH40776AE	7	9	FT	LEAD	7439-92-1	3	3.3	mg/kg		V
P207589	SEP0389BR0915	9	15	FT	LEAD	7439-92-1	1	6.6	mg/kg		A
P207589	SEP0389BR1521	15	21	FT	LEAD	7439-92-1	1	24.6	mg/kg		A
P208889	SEP1689BR1016	10	15	FT	LEAD	7439-92-1	1	9.3	mg/kg		A
P208989	SEP1789BR0915	9	15	FT	LEAD	7439-92-1	1	21.4	mg/kg		V
P209089	SEP1889BR1218	12	18	FT	LEAD	7439-92-1	1	18.2	mg/kg		V
P209089	SEP1889BR1824	18	24	FT	LEAD	7439-92-1	1	19.9	mg/kg		V
P209189	SEP1989BR1016	10	16	FT	LEAD	7439-92-1	1	6.4	mg/kg		A
P209189	SEP1989BR1622	16	22	FT	LEAD	7439-92-1	1	14.7	mg/kg		A
P209489	SEP2289BR0912	9	12	FT	LEAD	7439-92-1	1	12.4	mg/kg		V
P209489	SEP2289BR1213	12	13	FT	LEAD	7439-92-1	1	9.8	mg/kg		V
P209489	SEP2289BR1416	14	16	FT	LEAD	7439-92-1	1	9.6	mg/kg		V
P209489	SEP2289BR1621	16	21	FT	LEAD	7439-92-1	1	14.5	mg/kg		V
P209589	SEP2389BR1015	10	14	FT	LEAD	7439-92-1	1	14	mg/kg		A
P209889	SEP2689BR1016	10	16	FT	LEAD	7439-92-1	1	30.3	mg/kg		V
P210189	SEP3089BR0915	9	15	FT	LEAD	7439-92-1	1	2.6	mg/kg		A
P210189	SEP3089BR1521	15	21	FT	LEAD	7439-92-1	1	14	mg/kg		A
P210189	SEP3089BR2127	21	27	FT	LEAD	7439-92-1	1	13.5	mg/kg		A
P210289	SEP3189BR0713	7	13	FT	LEAD	7439-92-1	1	25.9	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	LEAD	7439-92-1	1	31.1	mg/kg		V
05093	BH00064AE	6	12	FT	LITHIUM	7439-93-2	10	6.6	mg/kg	B	J
05193	BH00069AE	6	11	FT	LITHIUM	7439-93-2	10	7.8	mg/kg	B	J
05393	BH00079AE	18	22	FT	LITHIUM	7439-93-2	10	4	mg/kg	B	J
05393	BH00081AE	6	12	FT	LITHIUM	7439-93-2	10	6.3	mg/kg	B	J
05393	BH00084AE	12	18	FT	LITHIUM	7439-93-2	10	7.3	mg/kg	B	J
44593	BH40005AE	6	11	FT	LITHIUM	7439-93-2	22.7	10.9	mg/kg	B	V
41193	BH40052AE	6	8	FT	LITHIUM	7439-93-2	21	13.1	mg/kg	B	J
41993	BH40065AE	6	12	FT	LITHIUM	7439-93-2	23	2.3	mg/kg	U	J
43893	BH40073AE	6	11	FT	LITHIUM	7439-93-2	21	2.6	mg/kg	B	J
42193	BH40086AE	10	16	FT	LITHIUM	7439-93-2	10	2.6	mg/kg	B	J
42193	BH40091AE	16	22	FT	LITHIUM	7439-93-2	10	4.7	mg/kg	B	J
42993	BH40144AE	7	10	FT	LITHIUM	7439-93-2	22	5.6	mg/kg	B	J
40793	BH40160AE	6	8	FT	LITHIUM	7439-93-2	10	6.3	mg/kg	B	J
40093	BH40170AE	6	8	FT	LITHIUM	7439-93-2	25	8.9	mg/kg	B	J
44893	BH40191AE	6	12	FT	LITHIUM	7439-93-2	24	6.5	mg/kg	B	J
40993	BH40204AE	6	10	FT	LITHIUM	7439-93-2	10	4.3	mg/kg	B	J
40993	BH40206AE	10	19	FT	LITHIUM	7439-93-2	10	6.3	mg/kg	B	J
41693	BH40220AE	6	12	FT	LITHIUM	7439-93-2	23	79.9	mg/kg		J
41793	BH40246AE	6	11	FT	LITHIUM	7439-93-2	22	10.3	mg/kg	B	J
42293	BH40256AE	6	11	FT	LITHIUM	7439-93-2	10	19.1	mg/kg	B	J
42293	BH40258AE	11	13	FT	LITHIUM	7439-93-2	10	9.5	mg/kg	B	J
42393	BH40264AE	6	8	FT	LITHIUM	7439-93-2	21	5.4	mg/kg	B	J
42593	BH40290AE	10	17	FT	LITHIUM	7439-93-2	10	6.9	mg/kg	B	J
43193	BH40309AE	6	11	FT	LITHIUM	7439-93-2	23	8	mg/kg	B	J

432

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43393	BH40324AE	8	13	FT	LITHIUM	7439-93-2	10	9.3	mg/kg	B	J
43793	BH40335AE	6	12	FT	LITHIUM	7439-93-2	10	20.8	mg/kg	B	J
44093	BH40351AE	6	10	FT	LITHIUM	7439-93-2	21	8.3	mg/kg	B	J
45893	BH40380AE	6	9	FT	LITHIUM	7439-93-2	10	5.6	mg/kg	B	J
45893	BH40382AE	9	18	FT	LITHIUM	7439-93-2	10	4.9	mg/kg	B	J
40793	BH40414AE	8	13	FT	LITHIUM	7439-93-2	10	4.9	mg/kg	B	J
40993	BH40415AE	20	29	FT	LITHIUM	7439-93-2	10	7.7	mg/kg	B	J
40993	BH40416AE	31	35	FT	LITHIUM	7439-93-2	10	6.3	mg/kg	B	J
41593	BH40424AE	6	8	FT	LITHIUM	7439-93-2	10	5.5	mg/kg	B	J
42193	BH40430AE	22	28	FT	LITHIUM	7439-93-2	10	4.2	mg/kg	B	J
42193	BH40432AE	6	10	FT	LITHIUM	7439-93-2	10	3.3	mg/kg	B	J
42193	BH40433AE	28	31	FT	LITHIUM	7439-93-2	10	6.9	mg/kg	B	J
42493	BH40445AE	8	10	FT	LITHIUM	7439-93-2	10	5.5	mg/kg	B	J
42593	BH40450AE	8	10	FT	LITHIUM	7439-93-2	10	4.9	mg/kg	B	J
43693	BH40521AE	6	8	FT	LITHIUM	7439-93-2	10	6.8	mg/kg	B	J
43693	BH40522AE	8	10	FT	LITHIUM	7439-93-2	10	7	mg/kg	B	J
43693	BH40525AE	10	13	FT	LITHIUM	7439-93-2	10	8.6	mg/kg	B	J
46593	BH40711AE	9	11	FT	LITHIUM	7439-93-2	20	5.5	mg/kg	B	J
46593	BH40713AE	11	16	FT	LITHIUM	7439-93-2	20	5.3	mg/kg	B	J
46693	BH40726AE	7	8	FT	LITHIUM	7439-93-2	20	11	mg/kg	B	J
46693	BH40728AE	9	15	FT	LITHIUM	7439-93-2	20	6.8	mg/kg	B	J
46793	BH40740AE	6	8	FT	LITHIUM	7439-93-2	20	9	mg/kg	B	J
46793	BH40742AE	8	15	FT	LITHIUM	7439-93-2	20	6.5	mg/kg	B	J
46893	BH40748AE	7	9	FT	LITHIUM	7439-93-2	20	6.3	mg/kg	B	J
46893	BH40749AE	9	11	FT	LITHIUM	7439-93-2	20	2.6	mg/kg	B	J
46893	BH40754AE	12	12	FT	LITHIUM	7439-93-2	20	5.1	mg/kg	B	J
46993	BH40768AE	6	7	FT	LITHIUM	7439-93-2	20	11.2	mg/kg	B	J
46993	BH40770AE	7	13	FT	LITHIUM	7439-93-2	20	0.62	mg/kg	U	J
47093	BH40776AE	7	9	FT	LITHIUM	7439-93-2	100	10.1	mg/kg	B	J
P207589	SEP0389BR0915	9	15	FT	LITHIUM	7439-93-2	20	6	mg/kg		V
P207589	SEP0389BR1521	15	21	FT	LITHIUM	7439-93-2	20	3.7	mg/kg		V
P208889	SEP1689BR1016	10	15	FT	LITHIUM	7439-93-2	20	5.6	mg/kg		V
P208989	SEP1789BR0915	9	15	FT	LITHIUM	7439-93-2	20	2.3	mg/kg	U	V
P209089	SEP1889BR1218	12	18	FT	LITHIUM	7439-93-2	20	2.4	mg/kg	U	V
P209089	SEP1889BR1824	18	24	FT	LITHIUM	7439-93-2	20	2.3	mg/kg	U	V
P209189	SEP1989BR1016	10	16	FT	LITHIUM	7439-93-2	20	2.3	mg/kg	U	V
P209189	SEP1989BR1622	16	22	FT	LITHIUM	7439-93-2	20	3.9	mg/kg		V
P209489	SEP2289BR0912	9	12	FT	LITHIUM	7439-93-2	20	3.2	mg/kg		V
P209489	SEP2289BR1213	12	13	FT	LITHIUM	7439-93-2	20	2.2	mg/kg	U	V
P209489	SEP2289BR1416	14	16	FT	LITHIUM	7439-93-2	20	2.2	mg/kg	U	V
P209489	SEP2289BR1621	16	21	FT	LITHIUM	7439-93-2	20	2.3	mg/kg	U	V
P209589	SEP2389BR1015	10	14	FT	LITHIUM	7439-93-2	20	5.5	mg/kg		V
P209889	SEP2689BR1016	10	16	FT	LITHIUM	7439-93-2	20	5.1	mg/kg		V
P210189	SEP3089BR0915	9	15	FT	LITHIUM	7439-93-2	20	18.6	mg/kg	U	V
P210189	SEP3089BR1521	15	21	FT	LITHIUM	7439-93-2	20	22.8	mg/kg	U	V
P210189	SEP3089BR2127	21	27	FT	LITHIUM	7439-93-2	20	21.4	mg/kg	U	V
P210289	SEP3189BR0713	7	13	FT	LITHIUM	7439-93-2	20	5.8	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	LITHIUM	7439-93-2	20	4.1	mg/kg		V
05093	BH00064AE	6	12	FT	MAGNESIUM	7439-95-4	1000	2220	mg/kg		V
05193	BH00069AE	6	11	FT	MAGNESIUM	7439-95-4	1000	2030	mg/kg		V
05393	BH00079AE	18	22	FT	MAGNESIUM	7439-95-4	1000	2590	mg/kg		V
05393	BH00081AE	6	12	FT	MAGNESIUM	7439-95-4	1000	4550	mg/kg		V
05393	BH00084AE	12	18	FT	MAGNESIUM	7439-95-4	1000	4380	mg/kg		V
44593	BH40005AE	6	11	FT	MAGNESIUM	7439-95-4	2274	3360	mg/kg		V
41193	BH40052AE	6	8	FT	MAGNESIUM	7439-95-4	1052	2120	mg/kg		V
41993	BH40065AE	6	12	FT	MAGNESIUM	7439-95-4	1151	869	mg/kg	B	V
43893	BH40073AE	6	11	FT	MAGNESIUM	7439-95-4	1063	987	mg/kg	B	V
42193	BH40086AE	10	16	FT	MAGNESIUM	7439-95-4	1000	1670	mg/kg		V
42193	BH40091AE	16	22	FT	MAGNESIUM	7439-95-4	1000	2700	mg/kg		V
42993	BH40144AE	7	10	FT	MAGNESIUM	7439-95-4	2195	1770	mg/kg		V
40793	BH40160AE	6	8	FT	MAGNESIUM	7439-95-4	1000	2550	mg/kg		V
40093	BH40170AE	6	8	FT	MAGNESIUM	7439-95-4	1225	3080	mg/kg		V
44893	BH40191AE	6	12	FT	MAGNESIUM	7439-95-4	1183	1860	mg/kg		V
40993	BH40204AE	6	10	FT	MAGNESIUM	7439-95-4	1000	930	mg/kg	B	V
40993	BH40206AE	10	19	FT	MAGNESIUM	7439-95-4	1000	695	mg/kg	B	V

433

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41693	BH40220AE	6	12	FT	MAGNESIUM	7439-95-4	1170	4750	mg/kg		J
41793	BH40246AE	6	11	FT	MAGNESIUM	7439-95-4	1114	2600	mg/kg		J
42293	BH40256AE	6	11	FT	MAGNESIUM	7439-95-4	1000	4680	mg/kg		V
42293	BH40258AE	11	13	FT	MAGNESIUM	7439-95-4	1000	1350	mg/kg		V
42393	BH40264AE	6	8	FT	MAGNESIUM	7439-95-4	2119	1610	mg/kg		V
42593	BH40290AE	10	17	FT	MAGNESIUM	7439-95-4	1000	3190	mg/kg		V
43193	BH40309AE	6	11	FT	MAGNESIUM	7439-95-4	1140	1470	mg/kg		J
43393	BH40324AE	8	13	FT	MAGNESIUM	7439-95-4	1000	3820	mg/kg		V
43793	BH40335AE	6	12	FT	MAGNESIUM	7439-95-4	1000	1370	mg/kg		V
44093	BH40351AE	6	10	FT	MAGNESIUM	7439-95-4	1070	1870	mg/kg		J
45893	BH40380AE	6	9	FT	MAGNESIUM	7439-95-4	1000	2130	mg/kg		V
45893	BH40382AE	9	18	FT	MAGNESIUM	7439-95-4	1000	1530	mg/kg		V
40793	BH40414AE	8	13	FT	MAGNESIUM	7439-95-4	1000	2680	mg/kg		V
40993	BH40415AE	20	29	FT	MAGNESIUM	7439-95-4	1000	1170	mg/kg		V
40993	BH40416AE	31	35	FT	MAGNESIUM	7439-95-4	1000	2280	mg/kg		V
41593	BH40424AE	6	8	FT	MAGNESIUM	7439-95-4	1000	2390	mg/kg		V
42193	BH40430AE	22	28	FT	MAGNESIUM	7439-95-4	1000	2500	mg/kg		V
42193	BH40432AE	6	10	FT	MAGNESIUM	7439-95-4	1000	1210	mg/kg		V
42193	BH40433AE	28	31	FT	MAGNESIUM	7439-95-4	1000	2730	mg/kg		V
42493	BH40445AE	8	10	FT	MAGNESIUM	7439-95-4	1000	2350	mg/kg		V
42593	BH40450AE	8	10	FT	MAGNESIUM	7439-95-4	1000	2800	mg/kg		V
43693	BH40521AE	6	8	FT	MAGNESIUM	7439-95-4	1000	1040	mg/kg	B	V
43693	BH40522AE	8	10	FT	MAGNESIUM	7439-95-4	1000	1110	mg/kg		V
43693	BH40525AE	10	13	FT	MAGNESIUM	7439-95-4	1000	3800	mg/kg		V
46593	BH40711AE	9	11	FT	MAGNESIUM	7439-95-4	1000	2960	mg/kg		V
46593	BH40713AE	11	16	FT	MAGNESIUM	7439-95-4	1000	2970	mg/kg		V
46693	BH40726AE	7	8	FT	MAGNESIUM	7439-95-4	1000	1760	mg/kg		V
46693	BH40728AE	9	15	FT	MAGNESIUM	7439-95-4	1000	2510	mg/kg		V
46793	BH40740AE	6	8	FT	MAGNESIUM	7439-95-4	1000	5860	mg/kg		V
46793	BH40742AE	8	15	FT	MAGNESIUM	7439-95-4	1000	2940	mg/kg		V
46893	BH40748AE	7	9	FT	MAGNESIUM	7439-95-4	1000	2920	mg/kg		V
46893	BH40749AE	9	11	FT	MAGNESIUM	7439-95-4	1000	983	mg/kg	B	V
46893	BH40754AE	12	12	FT	MAGNESIUM	7439-95-4	1000	2600	mg/kg		V
46993	BH40768AE	6	7	FT	MAGNESIUM	7439-95-4	1000	1160	mg/kg	B	V
46993	BH40770AE	7	13	FT	MAGNESIUM	7439-95-4	1000	1630	mg/kg		V
47093	BH40776AE	7	9	FT	MAGNESIUM	7439-95-4	5000	1490	mg/kg		V
P207589	SEP0389BR0915	9	15	FT	MAGNESIUM	7439-95-4	2000	4030	mg/kg		V
P207589	SEP0389BR1521	15	21	FT	MAGNESIUM	7439-95-4	2000	2800	mg/kg		V
P208889	SEP1689BR1016	10	15	FT	MAGNESIUM	7439-95-4	2000	1940	mg/kg		V
P208989	SEP1789BR0915	9	15	FT	MAGNESIUM	7439-95-4	2000	1530	mg/kg		V
P209089	SEP1889BR1218	12	18	FT	MAGNESIUM	7439-95-4	2000	2640	mg/kg		V
P209089	SEP1889BR1824	18	24	FT	MAGNESIUM	7439-95-4	2000	1940	mg/kg		V
P209189	SEP1989BR1016	10	16	FT	MAGNESIUM	7439-95-4	2000	850	mg/kg	U	V
P209189	SEP1989BR1622	16	22	FT	MAGNESIUM	7439-95-4	2000	1650	mg/kg		V
P209489	SEP2289BR0912	9	12	FT	MAGNESIUM	7439-95-4	2000	2000	mg/kg		A
P209489	SEP2289BR1213	12	13	FT	MAGNESIUM	7439-95-4	2000	728	mg/kg	J	A
P209489	SEP2289BR1416	14	16	FT	MAGNESIUM	7439-95-4	2000	1100	mg/kg	J	A
P209489	SEP2289BR1621	16	21	FT	MAGNESIUM	7439-95-4	2000	875	mg/kg	J	A
P209589	SEP2389BR1015	10	14	FT	MAGNESIUM	7439-95-4	2000	2170	mg/kg		V
P209889	SEP2689BR1016	10	16	FT	MAGNESIUM	7439-95-4	2000	2120	mg/kg		V
P210189	SEP3089BR0915	9	15	FT	MAGNESIUM	7439-95-4	2000	1000	mg/kg		V
P210189	SEP3089BR1521	15	21	FT	MAGNESIUM	7439-95-4	2000	2370	mg/kg		V
P210189	SEP3089BR2127	21	27	FT	MAGNESIUM	7439-95-4	2000	2080	mg/kg		V
P210289	SEP3189BR0713	7	13	FT	MAGNESIUM	7439-95-4	2000	3590	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	MAGNESIUM	7439-95-4	2000	2870	mg/kg		V
05093	BH00064AE	6	12	FT	MANGANESE	7439-96-5	10	117	mg/kg	N	J
05193	BH00069AE	6	11	FT	MANGANESE	7439-96-5	10	210	mg/kg		V
05393	BH00079AE	18	22	FT	MANGANESE	7439-96-5	10	30.2	mg/kg	N	J
05393	BH00081AE	6	12	FT	MANGANESE	7439-96-5	10	21.5	mg/kg	N	J
05393	BH00084AE	12	18	FT	MANGANESE	7439-96-5	10	104	mg/kg	N	J
44593	BH40005AE	6	11	FT	MANGANESE	7439-96-5	3.4	117	mg/kg	*	J
41193	BH40052AE	6	8	FT	MANGANESE	7439-96-5	3	728	mg/kg	EN*	J
41993	BH40065AE	6	12	FT	MANGANESE	7439-96-5	3	33.5	mg/kg	*	J
43893	BH40073AE	6	11	FT	MANGANESE	7439-96-5	3	140	mg/kg	EN*	J
42193	BH40086AE	10	16	FT	MANGANESE	7439-96-5	10	188	mg/kg	N*	J

434

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42193	BH40091AE	16	22	FT	MANGANESE	7439-96-5	10	70.7	mg/kg	N*	J
42993	BH40144AE	7	10	FT	MANGANESE	7439-96-5	3	53.9	mg/kg	N	J
40793	BH40160AE	6	8	FT	MANGANESE	7439-96-5	10	171	mg/kg		V
40093	BH40170AE	6	8	FT	MANGANESE	7439-96-5	4	252	mg/kg	*	J
44893	BH40191AE	6	12	FT	MANGANESE	7439-96-5	4	137	mg/kg	*	J
40993	BH40204AE	6	10	FT	MANGANESE	7439-96-5	10	3140	mg/kg		V
40993	BH40206AE	10	19	FT	MANGANESE	7439-96-5	10	71.1	mg/kg		V
41693	BH40220AE	6	12	FT	MANGANESE	7439-96-5	4	163	mg/kg	E	J
41793	BH40246AE	6	11	FT	MANGANESE	7439-96-5	3	56.2	mg/kg	E	J
42293	BH40256AE	6	11	FT	MANGANESE	7439-96-5	10	85	mg/kg		V
42293	BH40258AE	11	13	FT	MANGANESE	7439-96-5	10	88	mg/kg		V
42393	BH40264AE	6	8	FT	MANGANESE	7439-96-5	3	158	mg/kg	N	J
42593	BH40290AE	10	17	FT	MANGANESE	7439-96-5	10	149	mg/kg	N*	J
43193	BH40309AE	6	11	FT	MANGANESE	7439-96-5	3	166	mg/kg	E	J
43393	BH40324AE	8	13	FT	MANGANESE	7439-96-5	10	250	mg/kg		V
43793	BH40335AE	6	12	FT	MANGANESE	7439-96-5	10	505	mg/kg		V
44093	BH40351AE	6	10	FT	MANGANESE	7439-96-5	3	133	mg/kg	E	J
45893	BH40380AE	6	9	FT	MANGANESE	7439-96-5	10	127	mg/kg		V
45893	BH40382AE	9	18	FT	MANGANESE	7439-96-5	10	112	mg/kg		V
40793	BH40414AE	8	13	FT	MANGANESE	7439-96-5	10	197	mg/kg		V
40993	BH40415AE	20	29	FT	MANGANESE	7439-96-5	10	213	mg/kg		V
40993	BH40416AE	31	35	FT	MANGANESE	7439-96-5	10	150	mg/kg		V
41593	BH40424AE	6	8	FT	MANGANESE	7439-96-5	10	61.9	mg/kg		V
42193	BH40430AE	22	28	FT	MANGANESE	7439-96-5	10	86.1	mg/kg	N*	J
42193	BH40432AE	6	10	FT	MANGANESE	7439-96-5	10	73.9	mg/kg		V
42193	BH40433AE	28	31	FT	MANGANESE	7439-96-5	10	150	mg/kg		V
42493	BH40445AE	8	10	FT	MANGANESE	7439-96-5	10	120	mg/kg	N*	J
42593	BH40450AE	8	10	FT	MANGANESE	7439-96-5	10	41.7	mg/kg		V
43693	BH40521AE	6	8	FT	MANGANESE	7439-96-5	10	120	mg/kg	N*	J
43693	BH40522AE	8	10	FT	MANGANESE	7439-96-5	10	64.7	mg/kg	N*	J
43693	BH40525AE	10	13	FT	MANGANESE	7439-96-5	10	616	mg/kg	N*	J
46593	BH40711AE	9	11	FT	MANGANESE	7439-96-5	3	71.9	mg/kg	*	V
46593	BH40713AE	11	16	FT	MANGANESE	7439-96-5	3	47	mg/kg	*	V
46693	BH40726AE	7	8	FT	MANGANESE	7439-96-5	3	27.4	mg/kg	*	V
46693	BH40728AE	9	15	FT	MANGANESE	7439-96-5	3	74.1	mg/kg	*	V
46793	BH40740AE	6	8	FT	MANGANESE	7439-96-5	3	90.8	mg/kg	N*	J
46793	BH40742AE	8	15	FT	MANGANESE	7439-96-5	3	168	mg/kg	N*	J
46893	BH40748AE	7	9	FT	MANGANESE	7439-96-5	3	161	mg/kg		J
46893	BH40749AE	9	11	FT	MANGANESE	7439-96-5	3	423	mg/kg		J
46893	BH40754AE	12	12	FT	MANGANESE	7439-96-5	3	115	mg/kg		J
46993	BH40768AE	6	7	FT	MANGANESE	7439-96-5	3	52.3	mg/kg		J
46993	BH40770AE	7	13	FT	MANGANESE	7439-96-5	3	32.9	mg/kg		J
47093	BH40776AE	7	9	FT	MANGANESE	7439-96-5	15	64.2	mg/kg		V
P207589	SEP0389BR0915	9	15	FT	MANGANESE	7439-96-5	3	174	mg/kg		A
P207589	SEP0389BR1521	15	21	FT	MANGANESE	7439-96-5	3	27.7	mg/kg		A
P208889	SEP1689BR1016	10	15	FT	MANGANESE	7439-96-5	3	192	mg/kg		A
P208989	SEP1789BR0915	9	15	FT	MANGANESE	7439-96-5	3	47.3	mg/kg		V
P209089	SEP1889BR1218	12	18	FT	MANGANESE	7439-96-5	3	140	mg/kg		V
P209089	SEP1889BR1824	18	24	FT	MANGANESE	7439-96-5	3	89.1	mg/kg		V
P209189	SEP1989BR1016	10	16	FT	MANGANESE	7439-96-5	3	50.4	mg/kg		A
P209189	SEP1989BR1622	16	22	FT	MANGANESE	7439-96-5	3	277	mg/kg		A
P209489	SEP2289BR0912	9	12	FT	MANGANESE	7439-96-5	3	29.4	mg/kg		A
P209489	SEP2289BR1213	12	13	FT	MANGANESE	7439-96-5	3	198	mg/kg		A
P209489	SEP2289BR1416	14	16	FT	MANGANESE	7439-96-5	3	92.5	mg/kg		A
P209489	SEP2289BR1621	16	21	FT	MANGANESE	7439-96-5	3	73.2	mg/kg		A
P209589	SEP2389BR1015	10	14	FT	MANGANESE	7439-96-5	3	74	mg/kg		A
P209889	SEP2689BR1016	10	16	FT	MANGANESE	7439-96-5	3	232	mg/kg		V
P210189	SEP3089BR0915	9	15	FT	MANGANESE	7439-96-5	3	33.1	mg/kg		A
P210189	SEP3089BR1521	15	21	FT	MANGANESE	7439-96-5	3	533	mg/kg		A
P210189	SEP3089BR2127	21	27	FT	MANGANESE	7439-96-5	3	382	mg/kg		A
P210289	SEP3189BR0713	7	13	FT	MANGANESE	7439-96-5	3	57.8	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	MANGANESE	7439-96-5	3	75.4	mg/kg		V
05093	BH00064AE	6	12	FT	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	V
05193	BH00069AE	6	11	FT	MERCURY	7439-97-6	0.2	0.16	mg/kg	U	V
05393	BH00079AE	18	22	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V

435

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05393	BH00081AE	6	12	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
05393	BH00084AE	12	18	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
41193	BH40052AE	6	8	FT	MERCURY	7439-97-6	0.04	0.11	mg/kg	U	V
41993	BH40065AE	6	12	FT	MERCURY	7439-97-6	0.05	0.14	mg/kg		V
43893	BH40073AE	6	11	FT	MERCURY	7439-97-6	0.04	0.11	mg/kg	U	V
42193	BH40086AE	10	16	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
42193	BH40091AE	16	22	FT	MERCURY	7439-97-6	0.2	0.13	mg/kg	U	V
42993	BH40144AE	7	10	FT	MERCURY	7439-97-6	0.2	0.16	mg/kg		J
40793	BH40160AE	6	8	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	J
40093	BH40170AE	6	8	FT	MERCURY	7439-97-6	0.05	0.15	mg/kg		V
44893	BH40191AE	6	12	FT	MERCURY	7439-97-6	0.05	0.11	mg/kg	B	V
40993	BH40204AE	6	10	FT	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	J
40993	BH40206AE	10	19	FT	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	V
41693	BH40220AE	6	12	FT	MERCURY	7439-97-6	0.05	0.12	mg/kg	U	V
41793	BH40246AE	6	11	FT	MERCURY	7439-97-6	0.04	0.11	mg/kg	U	V
42293	BH40256AE	6	11	FT	MERCURY	7439-97-6	0.2	0.18	mg/kg	U	V
42293	BH40258AE	11	13	FT	MERCURY	7439-97-6	0.2	0.16	mg/kg	U	V
42393	BH40264AE	6	8	FT	MERCURY	7439-97-6	0.2	0.16	mg/kg		J
42593	BH40290AE	10	17	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
43193	BH40309AE	6	11	FT	MERCURY	7439-97-6	0.05	0.11	mg/kg	U	V
43393	BH40324AE	8	13	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	UN	J
43793	BH40335AE	6	12	FT	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	J
44093	BH40351AE	6	10	FT	MERCURY	7439-97-6	0.04	0.11	mg/kg	U	V
45893	BH40380AE	6	9	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
45893	BH40382AE	9	18	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
40793	BH40414AE	8	13	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	J
40993	BH40415AE	20	29	FT	MERCURY	7439-97-6	0.2	0.11	mg/kg	U	V
40993	BH40416AE	31	35	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
41593	BH40424AE	6	8	FT	MERCURY	7439-97-6	0.2	0.18	mg/kg	U	V
42193	BH40430AE	22	28	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
42193	BH40432AE	6	10	FT	MERCURY	7439-97-6	0.2	0.11	mg/kg	UN	J
42193	BH40433AE	28	31	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	UN	J
42493	BH40445AE	8	10	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
42593	BH40450AE	8	10	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
43693	BH40521AE	6	8	FT	MERCURY	7439-97-6	0.2	0.1	mg/kg	U	V
43693	BH40522AE	8	10	FT	MERCURY	7439-97-6	0.2	0.1	mg/kg	U	V
43693	BH40525AE	10	13	FT	MERCURY	7439-97-6	0.2	0.12	mg/kg	U	V
46593	BH40711AE	9	11	FT	MERCURY	7439-97-6	0.1	0.12	mg/kg	UN	J
46593	BH40713AE	11	16	FT	MERCURY	7439-97-6	0.1	0.1	mg/kg	UN	J
46693	BH40726AE	7	8	FT	MERCURY	7439-97-6	0.1	0.1	mg/kg	UN	J
46693	BH40728AE	9	15	FT	MERCURY	7439-97-6	0.1	0.17	mg/kg	N	J
46793	BH40740AE	6	8	FT	MERCURY	7439-97-6	0.1	0.12	mg/kg	U	V
46793	BH40742AE	8	15	FT	MERCURY	7439-97-6	0.1	0.12	mg/kg	U	V
46893	BH40748AE	7	9	FT	MERCURY	7439-97-6	0.1	0.06	mg/kg	B	J
46893	BH40749AE	9	11	FT	MERCURY	7439-97-6	0.1	0.05	mg/kg	U	V
46893	BH40754AE	12	12	FT	MERCURY	7439-97-6	0.1	0.06	mg/kg	U	J
46993	BH40768AE	6	7	FT	MERCURY	7439-97-6	0.1	0.26	mg/kg		J
46993	BH40770AE	7	13	FT	MERCURY	7439-97-6	0.1	0.06	mg/kg	U	J
47093	BH40776AE	7	9	FT	MERCURY	7439-97-6	0.2	0.1	mg/kg	U	V
P207589	SEP0389BR0915	9	15	FT	MERCURY	7439-97-6	0.3	1.8	mg/kg		A
P207589	SEP0389BR1521	15	21	FT	MERCURY	7439-97-6	0.3	2.1	mg/kg		A
P209089	SEP1889BR1824	18	24	FT	MERCURY	7439-97-6	0.3	0.51	mg/kg		A
P209189	SEP1989BR1016	10	16	FT	MERCURY	7439-97-6	0.3	0.14	mg/kg		V
P209189	SEP1989BR1622	16	22	FT	MERCURY	7439-97-6	0.3	0.12	mg/kg	U	V
P210189	SEP3089BR0915	9	15	FT	MERCURY	7439-97-6	0.3	0.11	mg/kg	U	V
P210189	SEP3089BR1521	15	21	FT	MERCURY	7439-97-6	0.3	0.13	mg/kg	U	V
P210189	SEP3089BR2127	21	27	FT	MERCURY	7439-97-6	0.3	0.12	mg/kg	U	V
05093	BH00064AE	6	12	FT	MOLYBDENUM	7439-98-7	20	4.5	mg/kg	U	J
05193	BH00069AE	6	11	FT	MOLYBDENUM	7439-98-7	20	4.4	mg/kg	U	J
05393	BH00079AE	18	22	FT	MOLYBDENUM	7439-98-7	20	4.7	mg/kg	U	J
05393	BH00081AE	6	12	FT	MOLYBDENUM	7439-98-7	20	4.9	mg/kg	U	J
05393	BH00084AE	12	18	FT	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	J
44593	BH40005AE	6	11	FT	MOLYBDENUM	7439-98-7	45.5	4.5	mg/kg	U	V
41193	BH40052AE	6	8	FT	MOLYBDENUM	7439-98-7	42	4.2	mg/kg	U	J
41993	BH40065AE	6	12	FT	MOLYBDENUM	7439-98-7	46	4.6	mg/kg	U	J

436

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43893	BH40073AE	6	11	FT	MOLYBDENUM	7439-98-7	43	4.3	mg/kg	U	J
42193	BH40086AE	10	16	FT	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	J
42193	BH40091AE	16	22	FT	MOLYBDENUM	7439-98-7	20	5.1	mg/kg	U	J
42993	BH40144AE	7	10	FT	MOLYBDENUM	7439-98-7	44	4.4	mg/kg	U	J
40793	BH40160AE	6	8	FT	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	J
40093	BH40170AE	6	8	FT	MOLYBDENUM	7439-98-7	49	4.9	mg/kg	U	J
44893	BH40191AE	6	12	FT	MOLYBDENUM	7439-98-7	47	4.7	mg/kg	U	J
40993	BH40204AE	6	10	FT	MOLYBDENUM	7439-98-7	20	4.4	mg/kg	U	J
40993	BH40206AE	10	19	FT	MOLYBDENUM	7439-98-7	20	4.4	mg/kg	U	V
41693	BH40220AE	6	12	FT	MOLYBDENUM	7439-98-7	47	4.7	mg/kg	U	J
41793	BH40246AE	6	11	FT	MOLYBDENUM	7439-98-7	45	4.5	mg/kg	U	J
42293	BH40256AE	6	11	FT	MOLYBDENUM	7439-98-7	20	4.7	mg/kg	U	J
42293	BH40258AE	11	13	FT	MOLYBDENUM	7439-98-7	20	4.3	mg/kg	U	J
42393	BH40264AE	6	8	FT	MOLYBDENUM	7439-98-7	42	4.2	mg/kg	U	J
42593	BH40290AE	10	17	FT	MOLYBDENUM	7439-98-7	20	4.6	mg/kg	U	J
43193	BH40309AE	6	11	FT	MOLYBDENUM	7439-98-7	46	4.6	mg/kg	U	J
43393	BH40324AE	8	13	FT	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	J
43793	BH40335AE	6	12	FT	MOLYBDENUM	7439-98-7	20	4.3	mg/kg	U	J
44093	BH40351AE	6	10	FT	MOLYBDENUM	7439-98-7	43	4.3	mg/kg	U	J
45893	BH40380AE	6	9	FT	MOLYBDENUM	7439-98-7	20	4.7	mg/kg	U	V
45893	BH40382AE	9	18	FT	MOLYBDENUM	7439-98-7	20	4.7	mg/kg	U	V
40793	BH40414AE	8	13	FT	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	J
40993	BH40415AE	20	29	FT	MOLYBDENUM	7439-98-7	20	4.6	mg/kg	U	V
40993	BH40416AE	31	35	FT	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	V
41593	BH40424AE	6	8	FT	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	J
42193	BH40430AE	22	28	FT	MOLYBDENUM	7439-98-7	20	4.7	mg/kg	U	J
42193	BH40432AE	6	10	FT	MOLYBDENUM	7439-98-7	20	4.6	mg/kg	U	J
42193	BH40433AE	28	31	FT	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	J
42493	BH40445AE	8	10	FT	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	J
42593	BH40450AE	8	10	FT	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	V
43693	BH40521AE	6	8	FT	MOLYBDENUM	7439-98-7	20	4.2	mg/kg	U	J
43693	BH40522AE	8	10	FT	MOLYBDENUM	7439-98-7	20	4.2	mg/kg	U	J
43693	BH40525AE	10	13	FT	MOLYBDENUM	7439-98-7	20	4.8	mg/kg	U	J
46593	BH40711AE	9	11	FT	MOLYBDENUM	7439-98-7	40	1.4	mg/kg	U	V
46593	BH40713AE	11	16	FT	MOLYBDENUM	7439-98-7	40	1.5	mg/kg	U	V
46693	BH40726AE	7	8	FT	MOLYBDENUM	7439-98-7	40	1.5	mg/kg	U	V
46693	BH40728AE	9	15	FT	MOLYBDENUM	7439-98-7	40	1.5	mg/kg	U	V
46793	BH40740AE	6	8	FT	MOLYBDENUM	7439-98-7	40	1.5	mg/kg	U	V
46793	BH40742AE	8	15	FT	MOLYBDENUM	7439-98-7	40	1.7	mg/kg	U	J
46893	BH40748AE	7	9	FT	MOLYBDENUM	7439-98-7	40	1.1	mg/kg	U	J
46893	BH40749AE	9	11	FT	MOLYBDENUM	7439-98-7	40	1	mg/kg	U	V
46893	BH40754AE	12	12	FT	MOLYBDENUM	7439-98-7	40	1.2	mg/kg	U	J
46993	BH40768AE	6	7	FT	MOLYBDENUM	7439-98-7	40	1.1	mg/kg	U	V
46993	BH40770AE	7	13	FT	MOLYBDENUM	7439-98-7	40	1.1	mg/kg	U	V
47093	BH40776AE	7	9	FT	MOLYBDENUM	7439-98-7	200	1.5	mg/kg	U	J
P207589	SEP0389BR0915	9	15	FT	MOLYBDENUM	7439-98-7	40	2.8	mg/kg		V
P207589	SEP0389BR1521	15	21	FT	MOLYBDENUM	7439-98-7	40	5.7	mg/kg		V
P208889	SEP1689BR1016	10	15	FT	MOLYBDENUM	7439-98-7	40	2.3	mg/kg	U	V
P208989	SEP1789BR0915	9	15	FT	MOLYBDENUM	7439-98-7	40	2.3	mg/kg	U	V
P209089	SEP1889BR1218	12	18	FT	MOLYBDENUM	7439-98-7	40	2.4	mg/kg	U	V
P209089	SEP1889BR1824	18	24	FT	MOLYBDENUM	7439-98-7	40	2.3	mg/kg	U	V
P209189	SEP1989BR1016	10	16	FT	MOLYBDENUM	7439-98-7	40	5.8	mg/kg		A
P209189	SEP1989BR1622	16	22	FT	MOLYBDENUM	7439-98-7	40	6.3	mg/kg		A
P209589	SEP2389BR1015	10	14	FT	MOLYBDENUM	7439-98-7	40	2.3	mg/kg	U	V
P209889	SEP2689BR1016	10	16	FT	MOLYBDENUM	7439-98-7	40	2.3	mg/kg	U	V
P210189	SEP3089BR0915	9	15	FT	MOLYBDENUM	7439-98-7	40	18.6	mg/kg	U	V
P210189	SEP3089BR1521	15	21	FT	MOLYBDENUM	7439-98-7	40	22.8	mg/kg	U	V
P210189	SEP3089BR2127	21	27	FT	MOLYBDENUM	7439-98-7	40	21.4	mg/kg	U	V
P210289	SEP3189BR0713	7	13	FT	MOLYBDENUM	7439-98-7	40	3.8	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	MOLYBDENUM	7439-98-7	40	4.5	mg/kg		V
05093	BH00064AE	6	12	FT	NICKEL	7440-02-0	20	10	mg/kg		V
05193	BH00069AE	6	11	FT	NICKEL	7440-02-0	20	9.9	mg/kg		J
05393	BH00079AE	18	22	FT	NICKEL	7440-02-0	20	6.2	mg/kg	B	V
05393	BH00081AE	6	12	FT	NICKEL	7440-02-0	20	10.4	mg/kg		V
05393	BH00084AE	12	18	FT	NICKEL	7440-02-0	20	18.2	mg/kg		V

437

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
44593	BH40005AE	6	11	FT	NICKEL	7440-02-0	9.1	14.2	mg/kg		V
41193	BH40052AE	6	8	FT	NICKEL	7440-02-0	8	29.9	mg/kg		V
41993	BH40065AE	6	12	FT	NICKEL	7440-02-0	9	4.8	mg/kg	B	V
43893	BH40073AE	6	11	FT	NICKEL	7440-02-0	9	8.1	mg/kg	B	V
42193	BH40086AE	10	16	FT	NICKEL	7440-02-0	20	17	mg/kg		V
42193	BH40091AE	16	22	FT	NICKEL	7440-02-0	20	13.3	mg/kg		V
42993	BH40144AE	7	10	FT	NICKEL	7440-02-0	9	4.4	mg/kg	U	V
40793	BH40160AE	6	8	FT	NICKEL	7440-02-0	20	8.6	mg/kg	B	J
40093	BH40170AE	6	8	FT	NICKEL	7440-02-0	10	15.4	mg/kg		V
44893	BH40191AE	6	12	FT	NICKEL	7440-02-0	9	9.8	mg/kg		V
40993	BH40204AE	6	10	FT	NICKEL	7440-02-0	20	82.1	mg/kg		J
40993	BH40206AE	10	19	FT	NICKEL	7440-02-0	20	7.7	mg/kg	B	V
41693	BH40220AE	6	12	FT	NICKEL	7440-02-0	9	55.8	mg/kg		V
41793	BH40246AE	6	11	FT	NICKEL	7440-02-0	9	4.5	mg/kg	U	V
42293	BH40256AE	6	11	FT	NICKEL	7440-02-0	20	11.2	mg/kg		J
42293	BH40258AE	11	13	FT	NICKEL	7440-02-0	20	7.6	mg/kg	B	J
42393	BH40264AE	6	8	FT	NICKEL	7440-02-0	8	4.2	mg/kg	U	V
42593	BH40290AE	10	17	FT	NICKEL	7440-02-0	20	17.3	mg/kg		V
43193	BH40309AE	6	11	FT	NICKEL	7440-02-0	9	12.7	mg/kg		J
43393	BH40324AE	8	13	FT	NICKEL	7440-02-0	20	23.1	mg/kg		V
43793	BH40335AE	6	12	FT	NICKEL	7440-02-0	20	31.6	mg/kg		J
44093	BH40351AE	6	10	FT	NICKEL	7440-02-0	9	10.8	mg/kg		J
45893	BH40380AE	6	9	FT	NICKEL	7440-02-0	20	15.1	mg/kg		V
45893	BH40382AE	9	18	FT	NICKEL	7440-02-0	20	14.3	mg/kg		V
40793	BH40414AE	8	13	FT	NICKEL	7440-02-0	20	16.7	mg/kg		J
40993	BH40415AE	20	29	FT	NICKEL	7440-02-0	20	26.2	mg/kg		V
40993	BH40416AE	31	35	FT	NICKEL	7440-02-0	20	17.6	mg/kg		V
41593	BH40424AE	6	8	FT	NICKEL	7440-02-0	20	4.8	mg/kg	U	J
42193	BH40430AE	22	28	FT	NICKEL	7440-02-0	20	12.6	mg/kg		V
42193	BH40432AE	6	10	FT	NICKEL	7440-02-0	20	10.1	mg/kg		V
42193	BH40433AE	28	31	FT	NICKEL	7440-02-0	20	37.9	mg/kg		V
42493	BH40445AE	8	10	FT	NICKEL	7440-02-0	20	16.9	mg/kg		V
42593	BH40450AE	8	10	FT	NICKEL	7440-02-0	20	17.9	mg/kg		V
43693	BH40521AE	6	8	FT	NICKEL	7440-02-0	20	6.6	mg/kg	B	V
43693	BH40522AE	8	10	FT	NICKEL	7440-02-0	20	7.9	mg/kg	B	V
43693	BH40525AE	10	13	FT	NICKEL	7440-02-0	20	51.5	mg/kg		V
46593	BH40711AE	9	11	FT	NICKEL	7440-02-0	8	29.1	mg/kg		V
46593	BH40713AE	11	16	FT	NICKEL	7440-02-0	8	22.1	mg/kg		V
46693	BH40726AE	7	8	FT	NICKEL	7440-02-0	8	4.6	mg/kg	B	V
46693	BH40728AE	9	15	FT	NICKEL	7440-02-0	8	26.3	mg/kg		V
46793	BH40740AE	6	8	FT	NICKEL	7440-02-0	8	2	mg/kg	U	V
46793	BH40742AE	8	15	FT	NICKEL	7440-02-0	8	12.3	mg/kg		V
46893	BH40748AE	7	9	FT	NICKEL	7440-02-0	8	8.8	mg/kg	B	J
46893	BH40749AE	9	11	FT	NICKEL	7440-02-0	8	10.5	mg/kg		J
46893	BH40754AE	12	12	FT	NICKEL	7440-02-0	8	7.3	mg/kg	B	J
46993	BH40768AE	6	7	FT	NICKEL	7440-02-0	8	21.1	mg/kg		J
46993	BH40770AE	7	13	FT	NICKEL	7440-02-0	8	2.6	mg/kg	B	J
47093	BH40776AE	7	9	FT	NICKEL	7440-02-0	40	8.1	mg/kg	B	V
P207589	SEP0389BR0915	9	15	FT	NICKEL	7440-02-0	8	42.5	mg/kg		A
P207589	SEP0389BR1521	15	21	FT	NICKEL	7440-02-0	8	14.8	mg/kg		A
P208989	SEP1789BR0915	9	15	FT	NICKEL	7440-02-0	8	3.4	mg/kg	UJ	A
P209089	SEP1889BR1218	12	18	FT	NICKEL	7440-02-0	8	13.1	mg/kg		A
P209089	SEP1889BR1824	18	24	FT	NICKEL	7440-02-0	8	4.8	mg/kg	UJ	A
P209189	SEP1989BR1016	10	16	FT	NICKEL	7440-02-0	8	7	mg/kg	J	A
P209189	SEP1989BR1622	16	22	FT	NICKEL	7440-02-0	8	15.7	mg/kg		A
P209489	SEP2289BR0912	9	12	FT	NICKEL	7440-02-0	8	7	mg/kg	UJ	A
P209489	SEP2289BR1213	12	13	FT	NICKEL	7440-02-0	8	26.2	mg/kg		A
P209489	SEP2289BR1416	14	16	FT	NICKEL	7440-02-0	8	11.3	mg/kg		A
P209489	SEP2289BR1621	16	21	FT	NICKEL	7440-02-0	8	6.5	mg/kg	UJ	A
P209589	SEP2389BR1015	10	14	FT	NICKEL	7440-02-0	8	7.2	mg/kg	UJ	A
P209889	SEP2689BR1016	10	16	FT	NICKEL	7440-02-0	8	2.8	mg/kg	UJ	A
P210189	SEP3089BR0915	9	15	FT	NICKEL	7440-02-0	8	4.8	mg/kg	B	V
P210189	SEP3089BR1521	15	21	FT	NICKEL	7440-02-0	8	21.9	mg/kg		V
P210189	SEP3089BR2127	21	27	FT	NICKEL	7440-02-0	8	21.7	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	NICKEL	7440-02-0	8	1.7	mg/kg	UJ	A

438

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05093	BH00064AE	6	12	FT	POTASSIUM	7440-09-7	1000	819	mg/kg	B	V
05193	BH00069AE	6	11	FT	POTASSIUM	7440-09-7	1000	1100	mg/kg		J
05393	BH00079AE	18	22	FT	POTASSIUM	7440-09-7	1000	740	mg/kg	B	V
05393	BH00081AE	6	12	FT	POTASSIUM	7440-09-7	1000	1440	mg/kg		V
05393	BH00084AE	12	18	FT	POTASSIUM	7440-09-7	1000	1530	mg/kg		V
44593	BH40005AE	6	11	FT	POTASSIUM	7440-09-7	2274	1370	mg/kg		V
41193	BH40052AE	6	8	FT	POTASSIUM	7440-09-7	1052	1200	mg/kg		V
41993	BH40065AE	6	12	FT	POTASSIUM	7440-09-7	1151	602	mg/kg	B	V
43893	BH40073AE	6	11	FT	POTASSIUM	7440-09-7	1063	598	mg/kg	B	V
42193	BH40086AE	10	16	FT	POTASSIUM	7440-09-7	1000	1120	mg/kg	B	J
42193	BH40091AE	16	22	FT	POTASSIUM	7440-09-7	1000	1240	mg/kg	B	J
42993	BH40144AE	7	10	FT	POTASSIUM	7440-09-7	2195	1930	mg/kg		J
40793	BH40160AE	6	8	FT	POTASSIUM	7440-09-7	1000	659	mg/kg	B	V
40093	BH40170AE	6	8	FT	POTASSIUM	7440-09-7	1225	1550	mg/kg		V
44893	BH40191AE	6	12	FT	POTASSIUM	7440-09-7	1183	986	mg/kg	B	V
40993	BH40204AE	6	10	FT	POTASSIUM	7440-09-7	1000	735	mg/kg	B	V
40993	BH40206AE	10	19	FT	POTASSIUM	7440-09-7	1000	3340	mg/kg		V
41693	BH40220AE	6	12	FT	POTASSIUM	7440-09-7	1170	6600	mg/kg		V
41793	BH40246AE	6	11	FT	POTASSIUM	7440-09-7	1114	1790	mg/kg		V
42293	BH40256AE	6	11	FT	POTASSIUM	7440-09-7	1000	2400	mg/kg		J
42293	BH40258AE	11	13	FT	POTASSIUM	7440-09-7	1000	1400	mg/kg		J
42393	BH40264AE	6	8	FT	POTASSIUM	7440-09-7	2119	1700	mg/kg		J
42593	BH40290AE	10	17	FT	POTASSIUM	7440-09-7	1000	1590	mg/kg		J
43193	BH40309AE	6	11	FT	POTASSIUM	7440-09-7	1140	1560	mg/kg		V
43393	BH40324AE	8	13	FT	POTASSIUM	7440-09-7	1000	1380	mg/kg		V
43793	BH40335AE	6	12	FT	POTASSIUM	7440-09-7	1000	1990	mg/kg		V
44093	BH40351AE	6	10	FT	POTASSIUM	7440-09-7	1070	1030	mg/kg	B	V
45893	BH40380AE	6	9	FT	POTASSIUM	7440-09-7	1000	1860	mg/kg		V
45893	BH40382AE	9	18	FT	POTASSIUM	7440-09-7	1000	1010	mg/kg	B	V
40793	BH40414AE	8	13	FT	POTASSIUM	7440-09-7	1000	838	mg/kg	B	V
40993	BH40415AE	20	29	FT	POTASSIUM	7440-09-7	1000	4380	mg/kg		V
40993	BH40416AE	31	35	FT	POTASSIUM	7440-09-7	1000	1730	mg/kg		V
41593	BH40424AE	6	8	FT	POTASSIUM	7440-09-7	1000	2000	mg/kg		J
42193	BH40430AE	22	28	FT	POTASSIUM	7440-09-7	1000	1130	mg/kg	B	J
42193	BH40432AE	6	10	FT	POTASSIUM	7440-09-7	1000	930	mg/kg	B	V
42193	BH40433AE	28	31	FT	POTASSIUM	7440-09-7	1000	1250	mg/kg		V
42493	BH40445AE	8	10	FT	POTASSIUM	7440-09-7	1000	1340	mg/kg		J
42593	BH40450AE	8	10	FT	POTASSIUM	7440-09-7	1000	725	mg/kg	B	V
43693	BH40521AE	6	8	FT	POTASSIUM	7440-09-7	1000	2140	mg/kg		J
43693	BH40522AE	8	10	FT	POTASSIUM	7440-09-7	1000	2190	mg/kg		J
43693	BH40525AE	10	13	FT	POTASSIUM	7440-09-7	1000	2150	mg/kg		J
46593	BH40711AE	9	11	FT	POTASSIUM	7440-09-7	1000	1210	mg/kg		V
46593	BH40713AE	11	16	FT	POTASSIUM	7440-09-7	1000	1200	mg/kg	B	V
46693	BH40726AE	7	8	FT	POTASSIUM	7440-09-7	1000	7870	mg/kg		V
46693	BH40728AE	9	15	FT	POTASSIUM	7440-09-7	1000	894	mg/kg	B	V
46793	BH40740AE	6	8	FT	POTASSIUM	7440-09-7	1000	803	mg/kg	B	V
46793	BH40742AE	8	15	FT	POTASSIUM	7440-09-7	1000	1540	mg/kg		V
46893	BH40748AE	7	9	FT	POTASSIUM	7440-09-7	1000	1870	mg/kg		V
46893	BH40749AE	9	11	FT	POTASSIUM	7440-09-7	1000	1280	mg/kg		V
46893	BH40754AE	12	12	FT	POTASSIUM	7440-09-7	1000	1650	mg/kg		V
46993	BH40768AE	6	7	FT	POTASSIUM	7440-09-7	1000	6120	mg/kg		V
46993	BH40770AE	7	13	FT	POTASSIUM	7440-09-7	1000	180	mg/kg	B	V
47093	BH40776AE	7	9	FT	POTASSIUM	7440-09-7	5000	1920	mg/kg		V
P207589	SEP0389BR0915	9	15	FT	POTASSIUM	7440-09-7	2000	810	mg/kg	UJ	A
P207589	SEP0389BR1521	15	21	FT	POTASSIUM	7440-09-7	2000	536	mg/kg	UJ	A
P208889	SEP1689BR1016	10	15	FT	POTASSIUM	7440-09-7	2000	914	mg/kg	UJ	A
P209189	SEP1989BR1016	10	16	FT	POTASSIUM	7440-09-7	2000	1570	mg/kg		V
P209189	SEP1989BR1622	16	22	FT	POTASSIUM	7440-09-7	2000	1280	mg/kg		A
P209589	SEP2389BR1015	10	14	FT	POTASSIUM	7440-09-7	2000	1580	mg/kg		A
P209889	SEP2689BR1016	10	16	FT	POTASSIUM	7440-09-7	2000	699	mg/kg	UJ	A
P210189	SEP3089BR0915	9	15	FT	POTASSIUM	7440-09-7	2000	1160	mg/kg		A
P210189	SEP3089BR1521	15	21	FT	POTASSIUM	7440-09-7	2000	1390	mg/kg		A
P210189	SEP3089BR2127	21	27	FT	POTASSIUM	7440-09-7	2000	1770	mg/kg		A
P210289	SEP3189BR0713	7	13	FT	POTASSIUM	7440-09-7	2000	817	mg/kg	UJ	A
P210289	SEP3189BR1319	13	19	FT	POTASSIUM	7440-09-7	2000	825	mg/kg	UJ	A

439

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05093	BH00064AE	6	12	FT	SELENIUM	7782-49-2	2	0.45	mg/kg	UW	J
05193	BH00069AE	6	11	FT	SELENIUM	7782-49-2	2	0.44	mg/kg	UWN	J
05393	BH00079AE	18	22	FT	SELENIUM	7782-49-2	2	0.47	mg/kg	U	V
05393	BH00081AE	6	12	FT	SELENIUM	7782-49-2	2	0.49	mg/kg	U	V
05393	BH00084AE	12	18	FT	SELENIUM	7782-49-2	2	0.48	mg/kg	U	V
44593	BH40005AE	6	11	FT	SELENIUM	7782-49-2	1.1	0.45	mg/kg	U	V
41193	BH40052AE	6	8	FT	SELENIUM	7782-49-2	1	0.42	mg/kg	UWN	J
41993	BH40065AE	6	12	FT	SELENIUM	7782-49-2	1	0.46	mg/kg	U	V
43893	BH40073AE	6	11	FT	SELENIUM	7782-49-2	1	0.43	mg/kg	UN	J
42193	BH40086AE	10	16	FT	SELENIUM	7782-49-2	2	0.48	mg/kg	UW	J
42193	BH40091AE	16	22	FT	SELENIUM	7782-49-2	2	0.51	mg/kg	U	V
42993	BH40144AE	7	10	FT	SELENIUM	7782-49-2	1	0.44	mg/kg	UW	J
40793	BH40160AE	6	8	FT	SELENIUM	7782-49-2	2	0.48	mg/kg	UWN	J
40093	BH40170AE	6	8	FT	SELENIUM	7782-49-2	1	0.49	mg/kg	U	V
44893	BH40191AE	6	12	FT	SELENIUM	7782-49-2	1	0.47	mg/kg	U	V
40993	BH40204AE	6	10	FT	SELENIUM	7782-49-2	2	0.44	mg/kg	UN	J
40993	BH40206AE	10	19	FT	SELENIUM	7782-49-2	2	0.44	mg/kg	U	V
41693	BH40220AE	6	12	FT	SELENIUM	7782-49-2	1	0.47	mg/kg	U	V
41793	BH40246AE	6	11	FT	SELENIUM	7782-49-2	1	0.45	mg/kg	UW	J
42293	BH40256AE	6	11	FT	SELENIUM	7782-49-2	2	0.47	mg/kg	UWN	J
42293	BH40258AE	11	13	FT	SELENIUM	7782-49-2	2	0.43	mg/kg	UN	J
42393	BH40264AE	6	8	FT	SELENIUM	7782-49-2	1	0.42	mg/kg	UW	V
42593	BH40290AE	10	17	FT	SELENIUM	7782-49-2	2	0.46	mg/kg	U	V
43193	BH40309AE	6	11	FT	SELENIUM	7782-49-2	1	0.46	mg/kg	U	V
43393	BH40324AE	8	13	FT	SELENIUM	7782-49-2	2	0.48	mg/kg	U	V
43793	BH40335AE	6	12	FT	SELENIUM	7782-49-2	2	0.43	mg/kg	UN	J
44093	BH40351AE	6	10	FT	SELENIUM	7782-49-2	1	0.43	mg/kg	U	V
45893	BH40380AE	6	9	FT	SELENIUM	7782-49-2	2	0.47	mg/kg	U	V
45893	BH40382AE	9	18	FT	SELENIUM	7782-49-2	2	0.47	mg/kg	U	V
40793	BH40414AE	8	13	FT	SELENIUM	7782-49-2	2	0.48	mg/kg	UWN	J
40993	BH40415AE	20	29	FT	SELENIUM	7782-49-2	2	0.46	mg/kg	UW	V
40993	BH40416AE	31	35	FT	SELENIUM	7782-49-2	2	0.48	mg/kg	U	V
41593	BH40424AE	6	8	FT	SELENIUM	7782-49-2	2	0.48	mg/kg	UWN	J
42193	BH40430AE	22	28	FT	SELENIUM	7782-49-2	2	0.47	mg/kg	U	V
42193	BH40432AE	6	10	FT	SELENIUM	7782-49-2	2	0.46	mg/kg	U	V
42193	BH40433AE	28	31	FT	SELENIUM	7782-49-2	2	0.48	mg/kg	U	V
42493	BH40445AE	8	10	FT	SELENIUM	7782-49-2	2	0.48	mg/kg	U	V
42593	BH40450AE	8	10	FT	SELENIUM	7782-49-2	2	0.48	mg/kg	UW	J
43693	BH40521AE	6	8	FT	SELENIUM	7782-49-2	2	0.42	mg/kg	U	V
43693	BH40522AE	8	10	FT	SELENIUM	7782-49-2	2	0.42	mg/kg	U	V
43693	BH40525AE	10	13	FT	SELENIUM	7782-49-2	2	0.48	mg/kg	U	V
46593	BH40711AE	9	11	FT	SELENIUM	7782-49-2	1	0.23	mg/kg	UN	J
46593	BH40713AE	11	16	FT	SELENIUM	7782-49-2	1	0.25	mg/kg	UN	J
46693	BH40726AE	7	8	FT	SELENIUM	7782-49-2	1	0.24	mg/kg	UN	J
46693	BH40728AE	9	15	FT	SELENIUM	7782-49-2	1	0.24	mg/kg	UN	J
46793	BH40740AE	6	8	FT	SELENIUM	7782-49-2	1	0.49	mg/kg	BW	J
46793	BH40742AE	8	15	FT	SELENIUM	7782-49-2	1	0.46	mg/kg	U	V
46893	BH40748AE	7	9	FT	SELENIUM	7782-49-2	1	0.18	mg/kg	U	J
46893	BH40749AE	9	11	FT	SELENIUM	7782-49-2	1	0.18	mg/kg	U	J
46893	BH40754AE	12	12	FT	SELENIUM	7782-49-2	1	0.2	mg/kg	U	J
46993	BH40768AE	6	7	FT	SELENIUM	7782-49-2	1	0.2	mg/kg	U	J
46993	BH40770AE	7	13	FT	SELENIUM	7782-49-2	1	0.19	mg/kg	U	J
47093	BH40776AE	7	9	FT	SELENIUM	7782-49-2	5	0.22	mg/kg	U	V
P208989	SEP1789BR0915	9	15	FT	SELENIUM	7782-49-2	1	1.6	mg/kg	UJ	A
P209089	SEP1889BR1218	12	18	FT	SELENIUM	7782-49-2	1	2	mg/kg	UJ	A
P209089	SEP1889BR1824	18	24	FT	SELENIUM	7782-49-2	1	2.1	mg/kg	UJ	A
P209189	SEP1989BR1622	16	22	FT	SELENIUM	7782-49-2	1	0.59	mg/kg	J	A
P209489	SEP2289BR0912	9	12	FT	SELENIUM	7782-49-2	1	1.1	mg/kg	UJ	A
P209489	SEP2289BR1213	12	13	FT	SELENIUM	7782-49-2	1	1.6	mg/kg	UJ	A
P209489	SEP2289BR1416	14	16	FT	SELENIUM	7782-49-2	1	1.1	mg/kg	UJ	A
P209489	SEP2289BR1621	16	21	FT	SELENIUM	7782-49-2	1	2.1	mg/kg	UJ	A
P209889	SEP2689BR1016	10	16	FT	SELENIUM	7782-49-2	1	2.3	mg/kg		A
P210189	SEP3089BR0915	9	15	FT	SELENIUM	7782-49-2	1	0.69	mg/kg	UJ	A
P210189	SEP3089BR1521	15	21	FT	SELENIUM	7782-49-2	1	0.77	mg/kg	UJ	A
P210189	SEP3089BR2127	21	27	FT	SELENIUM	7782-49-2	1	0.87	mg/kg	UJ	A

500

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05093	BH00064AE	6	12	FT	SILICON	7440-21-3	100	4710	mg/kg		V
05193	BH00069AE	6	11	FT	SILICON	7440-21-3	100	5220	mg/kg		J
05393	BH00079AE	18	22	FT	SILICON	7440-21-3	100	4980	mg/kg		V
05393	BH00081AE	6	12	FT	SILICON	7440-21-3	100	6660	mg/kg		V
05393	BH00084AE	12	18	FT	SILICON	7440-21-3	100	6460	mg/kg		V
44593	BH40005AE	6	11	FT	SILICON	7440-21-3	22.7	1300	mg/kg		J
41193	BH40052AE	6	8	FT	SILICON	7440-21-3	21	1610	mg/kg		J
41993	BH40065AE	6	12	FT	SILICON	7440-21-3	23	1320	mg/kg		J
43893	BH40073AE	6	11	FT	SILICON	7440-21-3	21	2260	mg/kg		J
42193	BH40086AE	10	16	FT	SILICON	7440-21-3	100	1730	mg/kg	*	J
42193	BH40091AE	16	22	FT	SILICON	7440-21-3	100	2020	mg/kg	*	J
42993	BH40144AE	7	10	FT	SILICON	7440-21-3	22	907	mg/kg	N	J
40793	BH40160AE	6	8	FT	SILICON	7440-21-3	100	2120	mg/kg		J
40093	BH40170AE	6	8	FT	SILICON	7440-21-3	25	1280	mg/kg		J
44893	BH40191AE	6	12	FT	SILICON	7440-21-3	24	918	mg/kg		J
40993	BH40204AE	6	10	FT	SILICON	7440-21-3	100	1720	mg/kg		J
40993	BH40206AE	10	19	FT	SILICON	7440-21-3	100	765	mg/kg	N	J
41693	BH40220AE	6	12	FT	SILICON	7440-21-3	23	1700	mg/kg	E	J
41793	BH40246AE	6	11	FT	SILICON	7440-21-3	22	1060	mg/kg	E	J
42293	BH40256AE	6	11	FT	SILICON	7440-21-3	100	9450	mg/kg		J
42293	BH40258AE	11	13	FT	SILICON	7440-21-3	100	6090	mg/kg		J
42393	BH40264AE	6	8	FT	SILICON	7440-21-3	21	424	mg/kg	N	J
42593	BH40290AE	10	17	FT	SILICON	7440-21-3	100	1320	mg/kg	*	J
43193	BH40309AE	6	11	FT	SILICON	7440-21-3	23	1420	mg/kg	E	J
43393	BH40324AE	8	13	FT	SILICON	7440-21-3	100	710	mg/kg		J
43793	BH40335AE	6	12	FT	SILICON	7440-21-3	100	2170	mg/kg		J
44093	BH40351AE	6	10	FT	SILICON	7440-21-3	21	1240	mg/kg	E	J
45893	BH40380AE	6	9	FT	SILICON	7440-21-3	100	1530	mg/kg	N	J
45893	BH40382AE	9	18	FT	SILICON	7440-21-3	100	1360	mg/kg	N	J
40793	BH40414AE	8	13	FT	SILICON	7440-21-3	100	2530	mg/kg		J
[illegible]993	BH40415AE	20	29	FT	SILICON	7440-21-3	100	1240	mg/kg	N	J
[illegible]993	BH40416AE	31	35	FT	SILICON	7440-21-3	100	1040	mg/kg	N	J
41693	BH40424AE	6	8	FT	SILICON	7440-21-3	100	9250	mg/kg		J
42193	BH40430AE	22	28	FT	SILICON	7440-21-3	100	1210	mg/kg	*	J
42193	BH40432AE	6	10	FT	SILICON	7440-21-3	100	570	mg/kg		J
42193	BH40433AE	28	31	FT	SILICON	7440-21-3	100	530	mg/kg		J
42493	BH40445AE	8	10	FT	SILICON	7440-21-3	100	912	mg/kg	*	J
42593	BH40450AE	8	10	FT	SILICON	7440-21-3	100	1020	mg/kg	N	J
43693	BH40521AE	6	8	FT	SILICON	7440-21-3	100	948	mg/kg	*	J
43693	BH40522AE	8	10	FT	SILICON	7440-21-3	100	1110	mg/kg	*	J
43693	BH40525AE	10	13	FT	SILICON	7440-21-3	100	1610	mg/kg	*	J
05093	BH00064AE	6	12	FT	SILVER	7440-22-4	10	2.3	mg/kg	U	V
05193	BH00069AE	6	11	FT	SILVER	7440-22-4	10	2.2	mg/kg	UN	J
05393	BH00079AE	18	22	FT	SILVER	7440-22-4	10	2.4	mg/kg	U	V
05393	BH00081AE	6	12	FT	SILVER	7440-22-4	10	2.4	mg/kg	U	V
05393	BH00084AE	12	18	FT	SILVER	7440-22-4	10	2.4	mg/kg	U	V
44593	BH40005AE	6	11	FT	SILVER	7440-22-4	2.3	2.3	mg/kg	UN	J
41193	BH40052AE	6	8	FT	SILVER	7440-22-4	2	2.1	mg/kg	UN	J
41993	BH40065AE	6	12	FT	SILVER	7440-22-4	2	2.3	mg/kg	UN	J
43893	BH40073AE	6	11	FT	SILVER	7440-22-4	2	2.1	mg/kg	UN	J
42193	BH40086AE	10	16	FT	SILVER	7440-22-4	10	2.4	mg/kg	UN	V
42193	BH40091AE	16	22	FT	SILVER	7440-22-4	10	2.5	mg/kg	UN	V
42993	BH40144AE	7	10	FT	SILVER	7440-22-4	2	2.2	mg/kg	UN	J
40793	BH40160AE	6	8	FT	SILVER	7440-22-4	10	2.4	mg/kg	UN	V
40093	BH40170AE	6	8	FT	SILVER	7440-22-4	2	2.5	mg/kg	UN	J
44893	BH40191AE	6	12	FT	SILVER	7440-22-4	2	2.4	mg/kg	UN	J
40993	BH40204AE	6	10	FT	SILVER	7440-22-4	10	2.2	mg/kg	UN	V
40993	BH40206AE	10	19	FT	SILVER	7440-22-4	10	2.2	mg/kg	UN	V
41693	BH40220AE	6	12	FT	SILVER	7440-22-4	2	2.3	mg/kg	UN	J
41793	BH40246AE	6	11	FT	SILVER	7440-22-4	2	2.2	mg/kg	UN	J
42293	BH40256AE	6	11	FT	SILVER	7440-22-4	10	2.4	mg/kg	UN	J
42293	BH40258AE	11	13	FT	SILVER	7440-22-4	10	2.2	mg/kg	UN	J
[illegible]393	BH40264AE	6	8	FT	SILVER	7440-22-4	2	2.1	mg/kg	UN	J
[illegible]93	BH40290AE	10	17	FT	SILVER	7440-22-4	10	2.3	mg/kg	UN	V
[illegible]93	BH40309AE	6	11	FT	SILVER	7440-22-4	2	2.3	mg/kg	UN	J

501

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43393	BH40324AE	8	13	FT	SILVER	7440-22-4	10	2.4	mg/kg	UN	J
43793	BH40335AE	6	12	FT	SILVER	7440-22-4	10	2.2	mg/kg	UN	V
44093	BH40351AE	6	10	FT	SILVER	7440-22-4	2	2.1	mg/kg	UN	J
45893	BH40380AE	6	9	FT	SILVER	7440-22-4	10	2.4	mg/kg	UN	V
45893	BH40382AE	9	18	FT	SILVER	7440-22-4	10	2.4	mg/kg	UN	V
40793	BH40414AE	8	13	FT	SILVER	7440-22-4	10	2.4	mg/kg	UN	V
40993	BH40415AE	20	29	FT	SILVER	7440-22-4	10	2.3	mg/kg	UN	V
40993	BH40416AE	31	35	FT	SILVER	7440-22-4	10	2.4	mg/kg	UN	V
41593	BH40424AE	6	8	FT	SILVER	7440-22-4	10	2.4	mg/kg	UN	J
42193	BH40430AE	22	28	FT	SILVER	7440-22-4	10	2.4	mg/kg	UN	V
42193	BH40432AE	6	10	FT	SILVER	7440-22-4	10	2.3	mg/kg	UN	J
42193	BH40433AE	28	31	FT	SILVER	7440-22-4	10	2.4	mg/kg	UN	J
42493	BH40445AE	8	10	FT	SILVER	7440-22-4	10	2.4	mg/kg	UN	V
42593	BH40450AE	8	10	FT	SILVER	7440-22-4	10	2.4	mg/kg	UN	V
43693	BH40521AE	6	8	FT	SILVER	7440-22-4	10	2.1	mg/kg	UN	V
43693	BH40522AE	8	10	FT	SILVER	7440-22-4	10	2.1	mg/kg	UN	V
43693	BH40525AE	10	13	FT	SILVER	7440-22-4	10	2.4	mg/kg	UN	V
46593	BH40711AE	9	11	FT	SILVER	7440-22-4	2	0.68	mg/kg	U	V
46593	BH40713AE	11	16	FT	SILVER	7440-22-4	2	0.73	mg/kg	U	V
46693	BH40726AE	7	8	FT	SILVER	7440-22-4	2	0.73	mg/kg	U	V
46693	BH40728AE	9	15	FT	SILVER	7440-22-4	2	0.73	mg/kg	U	V
46793	BH40740AE	6	8	FT	SILVER	7440-22-4	2	0.73	mg/kg	U	V
46793	BH40742AE	8	15	FT	SILVER	7440-22-4	2	0.68	mg/kg	U	V
46893	BH40748AE	7	9	FT	SILVER	7440-22-4	2	0.93	mg/kg	U	V
46893	BH40749AE	9	11	FT	SILVER	7440-22-4	2	0.9	mg/kg	U	V
46893	BH40754AE	12	12	FT	SILVER	7440-22-4	2	1	mg/kg	U	V
46993	BH40768AE	6	7	FT	SILVER	7440-22-4	2	1	mg/kg	U	V
46993	BH40770AE	7	13	FT	SILVER	7440-22-4	2	0.97	mg/kg	U	V
47093	BH40776AE	7	9	FT	SILVER	7440-22-4	10	0.68	mg/kg	U	V
P207589	SEP0389BR0915	9	15	FT	SILVER	7440-22-4	2	2.9	mg/kg		A
P207589	SEP0389BR1521	15	21	FT	SILVER	7440-22-4	2	0.63	mg/kg	UJ	A
P208989	SEP1789BR0915	9	15	FT	SILVER	7440-22-4	2	0.61	mg/kg	J	A
P209089	SEP1889BR1218	12	18	FT	SILVER	7440-22-4	2	1.1	mg/kg	UJ	A
P209089	SEP1889BR1824	18	24	FT	SILVER	7440-22-4	2	1.1	mg/kg	UJ	A
P209189	SEP1989BR1016	10	16	FT	SILVER	7440-22-4	2	0.92	mg/kg	UJ	A
P209189	SEP1989BR1622	16	22	FT	SILVER	7440-22-4	2	1.4	mg/kg	UJ	A
P209489	SEP2289BR0912	9	12	FT	SILVER	7440-22-4	2	0.55	mg/kg	UJ	A
P209489	SEP2289BR1213	12	13	FT	SILVER	7440-22-4	2	2	mg/kg	J	A
P209489	SEP2289BR1416	14	16	FT	SILVER	7440-22-4	2	1.2	mg/kg	J	A
P209489	SEP2289BR1621	16	21	FT	SILVER	7440-22-4	2	0.79	mg/kg	J	A
P209589	SEP2389BR1015	10	14	FT	SILVER	7440-22-4	2	1.1	mg/kg	J	A
P209889	SEP2689BR1016	10	16	FT	SILVER	7440-22-4	2	2	mg/kg	J	A
P210189	SEP3089BR0915	9	15	FT	SILVER	7440-22-4	2	1.9	mg/kg	U	V
P210189	SEP3089BR1521	15	21	FT	SILVER	7440-22-4	2	1.5	mg/kg	U	V
P210189	SEP3089BR2127	21	27	FT	SILVER	7440-22-4	2	1.4	mg/kg	U	V
P210289	SEP3189BR1319	13	19	FT	SILVER	7440-22-4	2	0.61	mg/kg	J	A
05093	BH00064AE	6	12	FT	SODIUM	7440-23-5	1000	225	mg/kg	U	V
05193	BH00069AE	6	11	FT	SODIUM	7440-23-5	1000	220	mg/kg	U	J
05393	BH00079AE	18	22	FT	SODIUM	7440-23-5	1000	281	mg/kg	B	V
05393	BH00081AE	6	12	FT	SODIUM	7440-23-5	1000	368	mg/kg	B	V
05393	BH00084AE	12	18	FT	SODIUM	7440-23-5	1000	394	mg/kg	B	V
44593	BH40005AE	6	11	FT	SODIUM	7440-23-5	2274	227	mg/kg	U	V
41193	BH40052AE	6	8	FT	SODIUM	7440-23-5	1052	210	mg/kg	U	V
41993	BH40065AE	6	12	FT	SODIUM	7440-23-5	1151	230	mg/kg	U	V
43893	BH40073AE	6	11	FT	SODIUM	7440-23-5	1063	213	mg/kg	U	V
42193	BH40086AE	10	16	FT	SODIUM	7440-23-5	1000	242	mg/kg	U	J
42193	BH40091AE	16	22	FT	SODIUM	7440-23-5	1000	253	mg/kg	U	J
42993	BH40144AE	7	10	FT	SODIUM	7440-23-5	2195	964	mg/kg	B	V
40793	BH40160AE	6	8	FT	SODIUM	7440-23-5	1000	240	mg/kg	U	V
40093	BH40170AE	6	8	FT	SODIUM	7440-23-5	1225	245	mg/kg	U	V
44893	BH40191AE	6	12	FT	SODIUM	7440-23-5	1183	237	mg/kg	U	V
40993	BH40204AE	6	10	FT	SODIUM	7440-23-5	1000	220	mg/kg	U	V
40993	BH40206AE	10	19	FT	SODIUM	7440-23-5	1000	3950	mg/kg		V
41693	BH40220AE	6	12	FT	SODIUM	7440-23-5	1170	1520	mg/kg		V
41793	BH40246AE	6	11	FT	SODIUM	7440-23-5	1114	525	mg/kg	B	V

502

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42293	BH40256AE	6	11	FT	SODIUM	7440-23-5	1000	240	mg/kg	U	J
42293	BH40258AE	11	13	FT	SODIUM	7440-23-5	1000	220	mg/kg	U	J
42393	BH40264AE	6	8	FT	SODIUM	7440-23-5	2119	212	mg/kg	U	V
42593	BH40290AE	10	17	FT	SODIUM	7440-23-5	1000	231	mg/kg	U	J
43193	BH40309AE	6	11	FT	SODIUM	7440-23-5	1140	400	mg/kg	B	V
43393	BH40324AE	8	13	FT	SODIUM	7440-23-5	1000	1100	mg/kg	B	V
43793	BH40335AE	6	12	FT	SODIUM	7440-23-5	1000	220	mg/kg	U	V
44093	BH40351AE	6	10	FT	SODIUM	7440-23-5	1070	214	mg/kg	U	V
45893	BH40380AE	6	9	FT	SODIUM	7440-23-5	1000	240	mg/kg	U	V
45893	BH40382AE	9	18	FT	SODIUM	7440-23-5	1000	240	mg/kg	U	V
40793	BH40414AE	8	13	FT	SODIUM	7440-23-5	1000	240	mg/kg	U	V
40993	BH40415AE	20	29	FT	SODIUM	7440-23-5	1000	5220	mg/kg		V
40993	BH40416AE	31	35	FT	SODIUM	7440-23-5	1000	842	mg/kg	B	V
41593	BH40424AE	6	8	FT	SODIUM	7440-23-5	1000	1740	mg/kg		J
42193	BH40430AE	22	28	FT	SODIUM	7440-23-5	1000	235	mg/kg	U	J
42193	BH40432AE	6	10	FT	SODIUM	7440-23-5	1000	230	mg/kg	U	V
42193	BH40433AE	28	31	FT	SODIUM	7440-23-5	1000	240	mg/kg	U	V
42493	BH40445AE	8	10	FT	SODIUM	7440-23-5	1000	238	mg/kg	U	J
42593	BH40450AE	8	10	FT	SODIUM	7440-23-5	1000	240	mg/kg	U	V
43693	BH40521AE	6	8	FT	SODIUM	7440-23-5	1000	1020	mg/kg	B	J
43693	BH40522AE	8	10	FT	SODIUM	7440-23-5	1000	985	mg/kg	B	J
43693	BH40525AE	10	13	FT	SODIUM	7440-23-5	1000	465	mg/kg	B	J
46593	BH40711AE	9	11	FT	SODIUM	7440-23-5	1000	995	mg/kg	B	V
46593	BH40713AE	11	16	FT	SODIUM	7440-23-5	1000	720	mg/kg	B	V
46693	BH40726AE	7	8	FT	SODIUM	7440-23-5	1000	5800	mg/kg		V
46693	BH40728AE	9	15	FT	SODIUM	7440-23-5	1000	1880	mg/kg		V
46793	BH40740AE	6	8	FT	SODIUM	7440-23-5	1000	2120	mg/kg		V
46793	BH40742AE	8	15	FT	SODIUM	7440-23-5	1000	1810	mg/kg		V
46893	BH40748AE	7	9	FT	SODIUM	7440-23-5	1000	780	mg/kg	B	V
46893	BH40749AE	9	11	FT	SODIUM	7440-23-5	1000	543	mg/kg	B	V
46893	BH40754AE	12	12	FT	SODIUM	7440-23-5	1000	710	mg/kg	B	V
46993	BH40768AE	6	7	FT	SODIUM	7440-23-5	1000	7010	mg/kg		V
46993	BH40770AE	7	13	FT	SODIUM	7440-23-5	1000	432	mg/kg	B	V
47093	BH40776AE	7	9	FT	SODIUM	7440-23-5	5000	726	mg/kg	B	V
P207589	SEP0389BR0915	9	15	FT	SODIUM	7440-23-5	2000	813	mg/kg	U	V
P207589	SEP0389BR1521	15	21	FT	SODIUM	7440-23-5	2000	607	mg/kg	U	V
P208889	SEP1689BR1016	10	15	FT	SODIUM	7440-23-5	2000	2230	mg/kg		V
P208989	SEP1789BR0915	9	15	FT	SODIUM	7440-23-5	2000	341	mg/kg	U	V
P209089	SEP1889BR1218	12	18	FT	SODIUM	7440-23-5	2000	420	mg/kg	U	V
P209089	SEP1889BR1824	18	24	FT	SODIUM	7440-23-5	2000	678	mg/kg	U	V
P209189	SEP1989BR1016	10	16	FT	SODIUM	7440-23-5	2000	830	mg/kg	J	A
P209189	SEP1989BR1622	16	22	FT	SODIUM	7440-23-5	2000	327	mg/kg	J	A
P209489	SEP2289BR0912	9	12	FT	SODIUM	7440-23-5	2000	227	mg/kg	U	V
P209489	SEP2289BR1213	12	13	FT	SODIUM	7440-23-5	2000	167	mg/kg	U	V
P209489	SEP2289BR1416	14	16	FT	SODIUM	7440-23-5	2000	160	mg/kg	U	V
P209489	SEP2289BR1621	16	21	FT	SODIUM	7440-23-5	2000	217	mg/kg	U	V
P209589	SEP2389BR1015	10	14	FT	SODIUM	7440-23-5	2000	1680	mg/kg		V
P209889	SEP2689BR1016	10	16	FT	SODIUM	7440-23-5	2000	708	mg/kg	U	V
P210189	SEP3089BR0915	9	15	FT	SODIUM	7440-23-5	2000	234	mg/kg	B	V
P210189	SEP3089BR1521	15	21	FT	SODIUM	7440-23-5	2000	587	mg/kg	B	V
P210189	SEP3089BR2127	21	27	FT	SODIUM	7440-23-5	2000	758	mg/kg	U	V
P210289	SEP3189BR0713	7	13	FT	SODIUM	7440-23-5	2000	497	mg/kg	U	V
P210289	SEP3189BR1319	13	19	FT	SODIUM	7440-23-5	2000	660	mg/kg	U	V
05093	BH00064AE	6	12	FT	STRONTIUM	7440-24-6	5	49.7	mg/kg		J
05193	BH00069AE	6	11	FT	STRONTIUM	7440-24-6	5	62.7	mg/kg	*	J
05393	BH00079AE	18	22	FT	STRONTIUM	7440-24-6	5	59.4	mg/kg		J
05393	BH00081AE	6	12	FT	STRONTIUM	7440-24-6	5	129	mg/kg		J
05393	BH00084AE	12	18	FT	STRONTIUM	7440-24-6	5	124	mg/kg		J
44593	BH40005AE	6	11	FT	STRONTIUM	7440-24-6	45.5	35.7	mg/kg	B	J
41193	BH40052AE	6	8	FT	STRONTIUM	7440-24-6	42	12	mg/kg	B	J
41993	BH40065AE	6	12	FT	STRONTIUM	7440-24-6	46	20.7	mg/kg	B	J
43893	BH40073AE	6	11	FT	STRONTIUM	7440-24-6	43	18.4	mg/kg	B	J
42193	BH40086AE	10	16	FT	STRONTIUM	7440-24-6	5	38.3	mg/kg	B	J
42193	BH40091AE	16	22	FT	STRONTIUM	7440-24-6	5	47.7	mg/kg	B	J
42993	BH40144AE	7	10	FT	STRONTIUM	7440-24-6	44	49.9	mg/kg		J

503

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40793	BH40160AE	6	8	FT	STRONTIUM	7440-24-6	5	109	mg/kg		J
40093	BH40170AE	6	8	FT	STRONTIUM	7440-24-6	49	68.1	mg/kg		J
44893	BH40191AE	6	12	FT	STRONTIUM	7440-24-6	47	18.8	mg/kg	B	J
40993	BH40204AE	6	10	FT	STRONTIUM	7440-24-6	5	10.2	mg/kg	B	J
40993	BH40206AE	10	19	FT	STRONTIUM	7440-24-6	5	18	mg/kg	B	J
41693	BH40220AE	6	12	FT	STRONTIUM	7440-24-6	47	70.6	mg/kg		J
41793	BH40246AE	6	11	FT	STRONTIUM	7440-24-6	45	110	mg/kg		J
42293	BH40256AE	6	11	FT	STRONTIUM	7440-24-6	5	96.2	mg/kg	*	J
42293	BH40258AE	11	13	FT	STRONTIUM	7440-24-6	5	17.2	mg/kg	B*	J
42393	BH40264AE	6	8	FT	STRONTIUM	7440-24-6	42	8.2	mg/kg	B	J
42593	BH40290AE	10	17	FT	STRONTIUM	7440-24-6	5	60.4	mg/kg		J
43193	BH40309AE	6	11	FT	STRONTIUM	7440-24-6	46	16.7	mg/kg	B	J
43393	BH40324AE	8	13	FT	STRONTIUM	7440-24-6	5	92.2	mg/kg		J
43793	BH40335AE	6	12	FT	STRONTIUM	7440-24-6	5	8.5	mg/kg	B	J
44093	BH40351AE	6	10	FT	STRONTIUM	7440-24-6	43	33.3	mg/kg	B	J
45893	BH40380AE	6	9	FT	STRONTIUM	7440-24-6	5	37.3	mg/kg	B	J
45893	BH40382AE	9	18	FT	STRONTIUM	7440-24-6	5	57	mg/kg		J
40793	BH40414AE	8	13	FT	STRONTIUM	7440-24-6	5	83.9	mg/kg		J
40993	BH40415AE	20	29	FT	STRONTIUM	7440-24-6	5	30.7	mg/kg	B	J
40993	BH40416AE	31	35	FT	STRONTIUM	7440-24-6	5	69.4	mg/kg		J
41593	BH40424AE	6	8	FT	STRONTIUM	7440-24-6	5	70.8	mg/kg	*	J
42193	BH40430AE	22	28	FT	STRONTIUM	7440-24-6	5	39.9	mg/kg	B	J
42193	BH40432AE	6	10	FT	STRONTIUM	7440-24-6	5	25.4	mg/kg	B	J
42193	BH40433AE	28	31	FT	STRONTIUM	7440-24-6	5	55.4	mg/kg		J
42493	BH40445AE	8	10	FT	STRONTIUM	7440-24-6	5	54.8	mg/kg		J
42593	BH40450AE	8	10	FT	STRONTIUM	7440-24-6	5	94.7	mg/kg		J
43693	BH40521AE	6	8	FT	STRONTIUM	7440-24-6	5	15.1	mg/kg	B	J
43693	BH40522AE	8	10	FT	STRONTIUM	7440-24-6	5	14.1	mg/kg	B	J
43693	BH40525AE	10	13	FT	STRONTIUM	7440-24-6	5	162	mg/kg		J
46593	BH40711AE	9	11	FT	STRONTIUM	7440-24-6	40	76.2	mg/kg		J
46593	BH40713AE	11	16	FT	STRONTIUM	7440-24-6	40	71.7	mg/kg		J
46693	BH40726AE	7	8	FT	STRONTIUM	7440-24-6	40	35.5	mg/kg	B	J
46693	BH40728AE	9	15	FT	STRONTIUM	7440-24-6	40	53.2	mg/kg		J
46793	BH40740AE	6	8	FT	STRONTIUM	7440-24-6	40	398	mg/kg		J
46793	BH40742AE	8	15	FT	STRONTIUM	7440-24-6	40	79.6	mg/kg		J
46893	BH40748AE	7	9	FT	STRONTIUM	7440-24-6	40	72.4	mg/kg		J
46893	BH40749AE	9	11	FT	STRONTIUM	7440-24-6	40	21.6	mg/kg	B	J
46893	BH40754AE	12	12	FT	STRONTIUM	7440-24-6	40	71.7	mg/kg		J
46993	BH40768AE	6	7	FT	STRONTIUM	7440-24-6	40	19.2	mg/kg	B	J
46993	BH40770AE	7	13	FT	STRONTIUM	7440-24-6	40	39.8	mg/kg	B	J
47093	BH40776AE	7	9	FT	STRONTIUM	7440-24-6	200	20.9	mg/kg	B	J
P207589	SEP0389BR0915	9	15	FT	STRONTIUM	7440-24-6	40	251	mg/kg	U	V
P207589	SEP0389BR1521	15	21	FT	STRONTIUM	7440-24-6	40	233	mg/kg	U	V
P208889	SEP1689BR1016	10	15	FT	STRONTIUM	7440-24-6	40	227	mg/kg	U	V
P208989	SEP1789BR0915	9	15	FT	STRONTIUM	7440-24-6	40	234	mg/kg	U	V
P209089	SEP1889BR1218	12	18	FT	STRONTIUM	7440-24-6	40	243	mg/kg	U	V
P209089	SEP1889BR1824	18	24	FT	STRONTIUM	7440-24-6	40	231	mg/kg	U	V
P209189	SEP1989BR1016	10	16	FT	STRONTIUM	7440-24-6	40	230	mg/kg	U	V
P209189	SEP1989BR1622	16	22	FT	STRONTIUM	7440-24-6	40	243	mg/kg	U	V
P209489	SEP2289BR0912	9	12	FT	STRONTIUM	7440-24-6	40	229	mg/kg	UJ	A
P209489	SEP2289BR1213	12	13	FT	STRONTIUM	7440-24-6	40	220	mg/kg	UJ	A
P209489	SEP2289BR1416	14	16	FT	STRONTIUM	7440-24-6	40	220	mg/kg	UJ	A
P209489	SEP2289BR1621	16	21	FT	STRONTIUM	7440-24-6	40	226	mg/kg	UJ	A
P209589	SEP2389BR1015	10	14	FT	STRONTIUM	7440-24-6	40	226	mg/kg	U	V
P209889	SEP2689BR1016	10	16	FT	STRONTIUM	7440-24-6	40	229	mg/kg	U	V
P210189	SEP3089BR0915	9	15	FT	STRONTIUM	7440-24-6	40	18.6	mg/kg	U	V
P210189	SEP3089BR1521	15	21	FT	STRONTIUM	7440-24-6	40	47.2	mg/kg		V
P210189	SEP3089BR2127	21	27	FT	STRONTIUM	7440-24-6	40	47.3	mg/kg		V
P210289	SEP3189BR0713	7	13	FT	STRONTIUM	7440-24-6	40	236	mg/kg	U	V
P210289	SEP3189BR1319	13	19	FT	STRONTIUM	7440-24-6	40	242	mg/kg	U	V
05093	BH00064AE	6	12	FT	SULFIDE	18496-25-8	10.6	12.6	mg/kg	U	V
05193	BH00069AE	6	11	FT	SULFIDE	18496-25-8	10.6	11.1	mg/kg	U	V
05393	BH00079AE	18	22	FT	SULFIDE	18496-25-8	10.6	12.1	mg/kg	U	V
05393	BH00081AE	6	12	FT	SULFIDE	18496-25-8	10.6	12.7	mg/kg	U	V
05393	BH00084AE	12	18	FT	SULFIDE	18496-25-8	10.6	12.6	mg/kg	U	V

504

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
44593	BH40005AE	6	11	FT	SULFIDE	18496-25-8	10	11.6	mg/kg	U	V
41193	BH40052AE	6	8	FT	SULFIDE	18496-25-8	10.6	11	mg/kg	U	J
41993	BH40065AE	6	12	FT	SULFIDE	18496-25-8	10.6	12.1	mg/kg	U	V
43893	BH40073AE	6	11	FT	SULFIDE	18496-25-8	10.4	11.1	mg/kg	U	V
42193	BH40086AE	10	16	FT	SULFIDE	18496-25-8	10.6	12.7	mg/kg	U	V
42193	BH40091AE	16	22	FT	SULFIDE	18496-25-8	10.6	13.2	mg/kg	U	V
42993	BH40144AE	7	10	FT	SULFIDE	18496-25-8	10.4	12.7	mg/kg		V
40793	BH40160AE	6	8	FT	SULFIDE	18496-25-8	10.6	13.1	mg/kg	U	
40093	BH40170AE	6	8	FT	SULFIDE	18496-25-8	10.6	12.7	mg/kg	U	V
44893	BH40191AE	6	12	FT	SULFIDE	18496-25-8	10.6	12.4	mg/kg	U	V
40993	BH40204AE	6	10	FT	SULFIDE	18496-25-8	10.5	11.3	mg/kg	U	V
41693	BH40220AE	6	12	FT	SULFIDE	18496-25-8	10.2	12.7	mg/kg	U	
41793	BH40246AE	6	11	FT	SULFIDE	18496-25-8	10.2	11.3	mg/kg	U	
42293	BH40256AE	6	11	FT	SULFIDE	18496-25-8	10.6	13.2	mg/kg	U	J
42293	BH40258AE	11	13	FT	SULFIDE	18496-25-8	10.6	12.9	mg/kg	U	V
42393	BH40264AE	6	8	FT	SULFIDE	18496-25-8	10.6	10.7	mg/kg	U	V
42593	BH40290AE	10	17	FT	SULFIDE	18496-25-8	10.6	12.2	mg/kg	U	V
43193	BH40309AE	6	11	FT	SULFIDE	18496-25-8	10.5	11.5	mg/kg	U	
43393	BH40324AE	8	13	FT	SULFIDE	18496-25-8	10.6	12.3	mg/kg	U	V
43793	BH40335AE	6	12	FT	SULFIDE	18496-25-8	10.2	11.8	mg/kg	U	
44093	BH40351AE	6	10	FT	SULFIDE	18496-25-8	10.1	11.2	mg/kg	U	V
45893	BH40380AE	6	9	FT	SULFIDE	18496-25-8	10.6	12.5	mg/kg	U	V
45893	BH40382AE	9	18	FT	SULFIDE	18496-25-8	10.6	12.5	mg/kg	U	V
40793	BH40414AE	8	13	FT	SULFIDE	18496-25-8	10.6	13.6	mg/kg		
40993	BH40416AE	31	35	FT	SULFIDE	18496-25-8	10.5	12.7	mg/kg	U	V
42193	BH40430AE	22	28	FT	SULFIDE	18496-25-8	10.6	12.8	mg/kg	U	V
42193	BH40433AE	28	31	FT	SULFIDE	18496-25-8	10.6	13.1	mg/kg	U	V
42593	BH40450AE	8	10	FT	SULFIDE	18496-25-8	10.6	12.3	mg/kg	U	V
46593	BH40713AE	11	16	FT	SULFIDE	18496-25-8	10.4	12.7	mg/kg	U	J
46693	BH40728AE	9	15	FT	SULFIDE	18496-25-8	10.6	12.7	mg/kg	U	J
46793	BH40742AE	8	15	FT	SULFIDE	18496-25-8	10.6	13.4	mg/kg		J
46993	BH40770AE	7	13	FT	SULFIDE	18496-25-8	10.6	12.7	mg/kg	U	V
46893	BH40807AE	6	12	FT	SULFIDE	18496-25-8	10.6	11.1	mg/kg	U	V
P207589	SEP0389BR0915	9	15	FT	SULFIDE	18496-25-8		2.5	mg/kg	U	V
P207589	SEP0389BR1521	15	21	FT	SULFIDE	18496-25-8		2.4	mg/kg	U	V
P208889	SEP1689BR1016	10	15	FT	SULFIDE	18496-25-8		2.3	mg/kg	U	V
P208989	SEP1789BR0915	9	15	FT	SULFIDE	18496-25-8		2.4	mg/kg		V
P209089	SEP1889BR1218	12	18	FT	SULFIDE	18496-25-8		2.1	mg/kg	UJ	A
P209089	SEP1889BR1824	18	24	FT	SULFIDE	18496-25-8		2.4	mg/kg	UJ	A
P209189	SEP1989BR1016	10	16	FT	SULFIDE	18496-25-8		2	mg/kg	U	V
P209189	SEP1989BR1622	16	22	FT	SULFIDE	18496-25-8		2	mg/kg	U	V
P209489	SEP2289BR0912	9	12	FT	SULFIDE	18496-25-8		2.4	mg/kg	U	V
P209489	SEP2289BR1213	12	13	FT	SULFIDE	18496-25-8		2.3	mg/kg	U	V
P209489	SEP2289BR1416	14	16	FT	SULFIDE	18496-25-8		2.3	mg/kg	U	V
P209489	SEP2289BR1621	16	21	FT	SULFIDE	18496-25-8		2.3	mg/kg	U	V
P209589	SEP2389BR1015	10	14	FT	SULFIDE	18496-25-8		2.4	mg/kg	U	V
P209889	SEP2689BR1016	10	16	FT	SULFIDE	18496-25-8		2	mg/kg	UJ	A
P210189	SEP3089BR0915	9	15	FT	SULFIDE	18496-25-8		2.2	mg/kg	U	V
P210189	SEP3089BR1521	15	21	FT	SULFIDE	18496-25-8		2.5	mg/kg	U	V
P210189	SEP3089BR2127	21	27	FT	SULFIDE	18496-25-8		2.4	mg/kg	U	V
P210289	SEP3189BR0713	7	13	FT	SULFIDE	18496-25-8		2	mg/kg	U	V
P210289	SEP3189BR1319	13	19	FT	SULFIDE	18496-25-8		2.5	mg/kg	U	V
05093	BH00064AE	6	12	FT	THALLIUM	7440-28-0	2	0.45	mg/kg	U	V
05193	BH00069AE	6	11	FT	THALLIUM	7440-28-0	2	0.44	mg/kg	UW	J
05393	BH00079AE	18	22	FT	THALLIUM	7440-28-0	2	0.47	mg/kg	U	V
05393	BH00081AE	6	12	FT	THALLIUM	7440-28-0	2	0.49	mg/kg	U	V
05393	BH00084AE	12	18	FT	THALLIUM	7440-28-0	2	0.55	mg/kg	B	V
44593	BH40005AE	6	11	FT	THALLIUM	7440-28-0	2.3	0.23	mg/kg	U	V
41193	BH40052AE	6	8	FT	THALLIUM	7440-28-0	2	4.2	mg/kg	UWN	J
41993	BH40065AE	6	12	FT	THALLIUM	7440-28-0	2	0.23	mg/kg	U	V
43893	BH40073AE	6	11	FT	THALLIUM	7440-28-0	2	0.43	mg/kg	UN	J
42193	BH40086AE	10	16	FT	THALLIUM	7440-28-0	2	0.48	mg/kg	U	V
42193	BH40091AE	16	22	FT	THALLIUM	7440-28-0	2	0.51	mg/kg	UW	J
42993	BH40144AE	7	10	FT	THALLIUM	7440-28-0	2	0.22	mg/kg	U	V
40793	BH40160AE	6	8	FT	THALLIUM	7440-28-0	2	0.48	mg/kg	UW	J

505

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40093	BH40170AE	6	8	FT	THALLIUM	7440-28-0	2	0.25	mg/kg	U	J
44893	BH40191AE	6	12	FT	THALLIUM	7440-28-0	2	0.24	mg/kg	U	J
40993	BH40204AE	6	10	FT	THALLIUM	7440-28-0	2	0.44	mg/kg	U	V
40993	BH40206AE	10	19	FT	THALLIUM	7440-28-0	2	0.44	mg/kg	U	J
41693	BH40220AE	6	12	FT	THALLIUM	7440-28-0	2	0.47	mg/kg	UW	J
41793	BH40246AE	6	11	FT	THALLIUM	7440-28-0	2	0.45	mg/kg	UW	J
42293	BH40256AE	6	11	FT	THALLIUM	7440-28-0	2	0.47	mg/kg	UW	J
42293	BH40258AE	11	13	FT	THALLIUM	7440-28-0	2	0.43	mg/kg	UW	J
42393	BH40264AE	6	8	FT	THALLIUM	7440-28-0	2	0.21	mg/kg	U	V
42593	BH40290AE	10	17	FT	THALLIUM	7440-28-0	2	0.46	mg/kg	U	V
43193	BH40309AE	6	11	FT	THALLIUM	7440-28-0	2	0.46	mg/kg	U	V
43393	BH40324AE	8	13	FT	THALLIUM	7440-28-0	2	0.48	mg/kg	UWN*	J
43793	BH40335AE	6	12	FT	THALLIUM	7440-28-0	2	0.43	mg/kg	UW	J
44093	BH40351AE	6	10	FT	THALLIUM	7440-28-0	2	0.43	mg/kg	UW	J
45893	BH40380AE	6	9	FT	THALLIUM	7440-28-0	2	0.47	mg/kg	U	V
45893	BH40382AE	9	18	FT	THALLIUM	7440-28-0	2	0.47	mg/kg	U	V
40793	BH40414AE	8	13	FT	THALLIUM	7440-28-0	2	0.48	mg/kg	U	V
40993	BH40415AE	20	29	FT	THALLIUM	7440-28-0	2	0.46	mg/kg	U	V
40993	BH40416AE	31	35	FT	THALLIUM	7440-28-0	2	0.48	mg/kg	U	V
41593	BH40424AE	6	8	FT	THALLIUM	7440-28-0	2	0.48	mg/kg	U	V
42193	BH40430AE	22	28	FT	THALLIUM	7440-28-0	2	0.47	mg/kg	U	V
42193	BH40432AE	6	10	FT	THALLIUM	7440-28-0	2	0.46	mg/kg	UWN*	J
42193	BH40433AE	28	31	FT	THALLIUM	7440-28-0	2	0.48	mg/kg	UWN*	J
42493	BH40445AE	8	10	FT	THALLIUM	7440-28-0	2	0.48	mg/kg	U	V
42593	BH40450AE	8	10	FT	THALLIUM	7440-28-0	2	0.48	mg/kg	U	V
43693	BH40521AE	6	8	FT	THALLIUM	7440-28-0	2	0.42	mg/kg	U	V
43693	BH40522AE	8	10	FT	THALLIUM	7440-28-0	2	0.42	mg/kg	U	V
43693	BH40525AE	10	13	FT	THALLIUM	7440-28-0	2	0.48	mg/kg	U	V
46593	BH40711AE	9	11	FT	THALLIUM	7440-28-0	2	0.39	mg/kg	B	J
46593	BH40713AE	11	16	FT	THALLIUM	7440-28-0	2	0.42	mg/kg	B	J
46693	BH40726AE	7	8	FT	THALLIUM	7440-28-0	2	0.24	mg/kg	U	J
46693	BH40728AE	9	15	FT	THALLIUM	7440-28-0	2	0.29	mg/kg	B	J
46793	BH40740AE	6	8	FT	THALLIUM	7440-28-0	2	0.49	mg/kg	U	V
46793	BH40742AE	8	15	FT	THALLIUM	7440-28-0	2	0.46	mg/kg	UW	V
46893	BH40748AE	7	9	FT	THALLIUM	7440-28-0	2	0.23	mg/kg	U	J
46893	BH40749AE	9	11	FT	THALLIUM	7440-28-0	2	0.22	mg/kg	U	J
46893	BH40754AE	12	12	FT	THALLIUM	7440-28-0	2	0.25	mg/kg	U	J
46993	BH40768AE	6	7	FT	THALLIUM	7440-28-0	2	0.24	mg/kg	U	J
46993	BH40770AE	7	13	FT	THALLIUM	7440-28-0	2	0.24	mg/kg	U	V
47093	BH40776AE	7	9	FT	THALLIUM	7440-28-0	10	0.43	mg/kg	U	V
P208889	SEP1689BR1016	10	15	FT	THALLIUM	7440-28-0	2	0.35	mg/kg	UJ	A
P208989	SEP1789BR0915	9	15	FT	THALLIUM	7440-28-0	2	0.36	mg/kg	U	V
P209089	SEP1889BR1218	12	18	FT	THALLIUM	7440-28-0	2	0.36	mg/kg	U	V
P209089	SEP1889BR1824	18	24	FT	THALLIUM	7440-28-0	2	0.35	mg/kg	U	V
P209589	SEP2389BR1015	10	14	FT	THALLIUM	7440-28-0	2	0.35	mg/kg	UJ	A
P210189	SEP3089BR0915	9	15	FT	THALLIUM	7440-28-0	2	0.28	mg/kg	U	V
P210189	SEP3089BR1521	15	21	FT	THALLIUM	7440-28-0	2	0.31	mg/kg	U	V
P210189	SEP3089BR2127	21	27	FT	THALLIUM	7440-28-0	2	0.35	mg/kg	U	V
P210289	SEP3189BR0713	7	13	FT	THALLIUM	7440-28-0	2	0.42	mg/kg	U	V
P210289	SEP3189BR1319	13	19	FT	THALLIUM	7440-28-0	2	0.37	mg/kg	U	V
05093	BH00064AE	6	12	FT	TIN	7440-31-5	100	22.5	mg/kg	U	J
05193	BH00069AE	6	11	FT	TIN	7440-31-5	100	21.9	mg/kg	U	J
05393	BH00079AE	18	22	FT	TIN	7440-31-5	100	23.7	mg/kg	U	J
05393	BH00081AE	6	12	FT	TIN	7440-31-5	100	26.6	mg/kg	U	J
05393	BH00084AE	12	18	FT	TIN	7440-31-5	100	24.1	mg/kg	U	J
44593	BH40005AE	6	11	FT	TIN	7440-31-5	45.5	22.7	mg/kg	U	J
41193	BH40052AE	6	8	FT	TIN	7440-31-5	42	40.3	mg/kg	B	J
41993	BH40065AE	6	12	FT	TIN	7440-31-5	46	23	mg/kg	U	J
43893	BH40073AE	6	11	FT	TIN	7440-31-5	43	29.3	mg/kg	B	J
42193	BH40086AE	10	16	FT	TIN	7440-31-5	100	24.5	mg/kg	B	J
42193	BH40091AE	16	22	FT	TIN	7440-31-5	100	25.3	mg/kg	U	J
42993	BH40144AE	7	10	FT	TIN	7440-31-5	44	22	mg/kg	U	J
40793	BH40160AE	6	8	FT	TIN	7440-31-5	100	24.2	mg/kg	U	J
40093	BH40170AE	6	8	FT	TIN	7440-31-5	49	31.1	mg/kg	B	J
44893	BH40191AE	6	12	FT	TIN	7440-31-5	47	23.7	mg/kg	U	J

506

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40993	BH40204AE	6	10	FT	TIN	7440-31-5	100	21.9	mg/kg	U	J
40993	BH40206AE	10	19	FT	TIN	7440-31-5	100	22.2	mg/kg	U	J
41693	BH40220AE	6	12	FT	TIN	7440-31-5	47	45.1	mg/kg	B	J
41793	BH40246AE	6	11	FT	TIN	7440-31-5	45	22.3	mg/kg	U	J
42293	BH40256AE	6	11	FT	TIN	7440-31-5	100	23.6	mg/kg	U	J
42293	BH40258AE	11	13	FT	TIN	7440-31-5	100	21.6	mg/kg	U	J
42393	BH40264AE	6	8	FT	TIN	7440-31-5	42	21.2	mg/kg	U	J
42593	BH40290AE	10	17	FT	TIN	7440-31-5	100	23.1	mg/kg	U	J
43193	BH40309AE	6	11	FT	TIN	7440-31-5	46	22.8	mg/kg	U	J
43393	BH40324AE	8	13	FT	TIN	7440-31-5	100	23.9	mg/kg	U	J
43793	BH40335AE	6	12	FT	TIN	7440-31-5	100	26.5	mg/kg	B	J
44093	BH40351AE	6	10	FT	TIN	7440-31-5	43	21.4	mg/kg	U	J
45893	BH40380AE	6	9	FT	TIN	7440-31-5	100	23.7	mg/kg	U	J
45893	BH40382AE	9	18	FT	TIN	7440-31-5	100	23.7	mg/kg	U	J
40793	BH40414AE	8	13	FT	TIN	7440-31-5	100	23.8	mg/kg	U	J
40993	BH40415AE	20	29	FT	TIN	7440-31-5	100	37.8	mg/kg	B	J
40993	BH40416AE	31	35	FT	TIN	7440-31-5	100	37	mg/kg	B	J
41593	BH40424AE	6	8	FT	TIN	7440-31-5	100	24	mg/kg	U	J
42193	BH40430AE	22	28	FT	TIN	7440-31-5	100	23.5	mg/kg	U	J
42193	BH40432AE	6	10	FT	TIN	7440-31-5	100	22.9	mg/kg	U	J
42193	BH40433AE	28	31	FT	TIN	7440-31-5	100	24.2	mg/kg	U	J
42493	BH40445AE	8	10	FT	TIN	7440-31-5	100	25.8	mg/kg	B	J
42593	BH40450AE	8	10	FT	TIN	7440-31-5	100	24.2	mg/kg	U	J
43693	BH40521AE	6	8	FT	TIN	7440-31-5	100	20.8	mg/kg	U	J
43693	BH40522AE	8	10	FT	TIN	7440-31-5	100	21	mg/kg	U	J
43693	BH40525AE	10	13	FT	TIN	7440-31-5	100	91.1	mg/kg		J
46593	BH40711AE	9	11	FT	TIN	7440-31-5	40	4.8	mg/kg	U	J
46593	BH40713AE	11	16	FT	TIN	7440-31-5	40	5.1	mg/kg	U	J
46693	BH40726AE	7	8	FT	TIN	7440-31-5	40	7	mg/kg	U	J
46693	BH40728AE	9	15	FT	TIN	7440-31-5	40	5.6	mg/kg	U	J
46793	BH40740AE	6	8	FT	TIN	7440-31-5	40	5.1	mg/kg	U	J
46793	BH40742AE	8	15	FT	TIN	7440-31-5	40	4.8	mg/kg	U	J
46893	BH40748AE	7	9	FT	TIN	7440-31-5	40	6.7	mg/kg	U	J
46893	BH40749AE	9	11	FT	TIN	7440-31-5	40	6.5	mg/kg	U	J
46893	BH40754AE	12	12	FT	TIN	7440-31-5	40	7.5	mg/kg	U	J
46993	BH40768AE	6	7	FT	TIN	7440-31-5	40	7.3	mg/kg	U	J
46993	BH40770AE	7	13	FT	TIN	7440-31-5	40	7.1	mg/kg	U	J
47093	BH40776AE	7	9	FT	TIN	7440-31-5	200	4.8	mg/kg	U	J
P207589	SEP0389BR0915	9	15	FT	TIN	7440-31-5	40	25.1	mg/kg	U	V
P207589	SEP0389BR1521	15	21	FT	TIN	7440-31-5	40	23.3	mg/kg	U	V
P208889	SEP1689BR1016	10	15	FT	TIN	7440-31-5	40	22.7	mg/kg	U	V
P208989	SEP1789BR0915	9	15	FT	TIN	7440-31-5	40	23.4	mg/kg	U	V
P209089	SEP1889BR1218	12	18	FT	TIN	7440-31-5	40	24.3	mg/kg	U	V
P209089	SEP1889BR1824	18	24	FT	TIN	7440-31-5	40	23.1	mg/kg	U	V
P209189	SEP1989BR1016	10	16	FT	TIN	7440-31-5	40	23	mg/kg	U	V
P209189	SEP1989BR1622	16	22	FT	TIN	7440-31-5	40	24.3	mg/kg	U	V
P209589	SEP2389BR1015	10	14	FT	TIN	7440-31-5	40	22.6	mg/kg	U	V
P209889	SEP2689BR1016	10	16	FT	TIN	7440-31-5	40	22.9	mg/kg	U	V
P210189	SEP3089BR0915	9	15	FT	TIN	7440-31-5	40	18.6	mg/kg	U	V
P210189	SEP3089BR1521	15	21	FT	TIN	7440-31-5	40	32.8	mg/kg		V
P210189	SEP3089BR2127	21	27	FT	TIN	7440-31-5	40	34.2	mg/kg		V
P210289	SEP3189BR0713	7	13	FT	TIN	7440-31-5	40	23.6	mg/kg	U	V
P210289	SEP3189BR1319	13	19	FT	TIN	7440-31-5	40	24.2	mg/kg	U	V
05093	BH00064AE	6	12	FT	VANADIUM	7440-62-2	10	18.6	mg/kg		V
05193	BH00069AE	6	11	FT	VANADIUM	7440-62-2	10	19	mg/kg		V
05393	BH00079AE	18	22	FT	VANADIUM	7440-62-2	10	27.6	mg/kg		V
05393	BH00081AE	6	12	FT	VANADIUM	7440-62-2	10	41.7	mg/kg		V
05393	BH00084AE	12	18	FT	VANADIUM	7440-62-2	10	31.9	mg/kg		V
44593	BH40005AE	6	11	FT	VANADIUM	7440-62-2	11.4	23.1	mg/kg		V
41193	BH40052AE	6	8	FT	VANADIUM	7440-62-2	11	28	mg/kg		V
41993	BH40065AE	6	12	FT	VANADIUM	7440-62-2	12	10.2	mg/kg	B	V
43893	BH40073AE	6	11	FT	VANADIUM	7440-62-2	11	13.9	mg/kg		V
42193	BH40086AE	10	16	FT	VANADIUM	7440-62-2	10	15.3	mg/kg		V
42193	BH40091AE	16	22	FT	VANADIUM	7440-62-2	10	29	mg/kg		V
42993	BH40144AE	7	10	FT	VANADIUM	7440-62-2	11	14.4	mg/kg		V

507

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40793	BH40160AE	6	8	FT	VANADIUM	7440-62-2	10	25.2	mg/kg		V
40093	BH40170AE	6	8	FT	VANADIUM	7440-62-2	12	31.8	mg/kg		V
44893	BH40191AE	6	12	FT	VANADIUM	7440-62-2	12	22.3	mg/kg		V
40993	BH40204AE	6	10	FT	VANADIUM	7440-62-2	10	26.7	mg/kg		V
40993	BH40206AE	10	19	FT	VANADIUM	7440-62-2	10	18.3	mg/kg		V
41693	BH40220AE	6	12	FT	VANADIUM	7440-62-2	12	55.3	mg/kg		V
41793	BH40246AE	6	11	FT	VANADIUM	7440-62-2	11	18.7	mg/kg		V
42293	BH40256AE	6	11	FT	VANADIUM	7440-62-2	10	40.7	mg/kg		V
42293	BH40258AE	11	13	FT	VANADIUM	7440-62-2	10	36.8	mg/kg		V
42393	BH40264AE	6	8	FT	VANADIUM	7440-62-2	11	9.6	mg/kg	B	V
42593	BH40290AE	10	17	FT	VANADIUM	7440-62-2	10	26.9	mg/kg		V
43193	BH40309AE	6	11	FT	VANADIUM	7440-62-2	11	18.8	mg/kg		V
43393	BH40324AE	8	13	FT	VANADIUM	7440-62-2	10	22.3	mg/kg		V
43793	BH40335AE	6	12	FT	VANADIUM	7440-62-2	10	27.6	mg/kg		V
44093	BH40351AE	6	10	FT	VANADIUM	7440-62-2	11	29.9	mg/kg		V
45893	BH40380AE	6	9	FT	VANADIUM	7440-62-2	10	40.6	mg/kg		V
45893	BH40382AE	9	18	FT	VANADIUM	7440-62-2	10	22	mg/kg		V
40793	BH40414AE	8	13	FT	VANADIUM	7440-62-2	10	30.9	mg/kg		V
40993	BH40415AE	20	29	FT	VANADIUM	7440-62-2	10	31.4	mg/kg		V
40993	BH40416AE	31	35	FT	VANADIUM	7440-62-2	10	25.9	mg/kg		V
41593	BH40424AE	6	8	FT	VANADIUM	7440-62-2	10	23.4	mg/kg		V
42193	BH40430AE	22	28	FT	VANADIUM	7440-62-2	10	16.7	mg/kg		V
42193	BH40432AE	6	10	FT	VANADIUM	7440-62-2	10	19.5	mg/kg		V
42193	BH40433AE	28	31	FT	VANADIUM	7440-62-2	10	30.6	mg/kg		V
42493	BH40445AE	8	10	FT	VANADIUM	7440-62-2	10	45.1	mg/kg		V
42593	BH40450AE	8	10	FT	VANADIUM	7440-62-2	10	21.4	mg/kg		V
43693	BH40521AE	6	8	FT	VANADIUM	7440-62-2	10	12.8	mg/kg		V
43693	BH40522AE	8	10	FT	VANADIUM	7440-62-2	10	17.1	mg/kg		V
43693	BH40525AE	10	13	FT	VANADIUM	7440-62-2	10	45.7	mg/kg		V
46593	BH40711AE	9	11	FT	VANADIUM	7440-62-2	10	26.3	mg/kg	E	J
46593	BH40713AE	11	16	FT	VANADIUM	7440-62-2	10	24.9	mg/kg	E	J
46693	BH40726AE	7	8	FT	VANADIUM	7440-62-2	10	13.7	mg/kg	E	J
46693	BH40728AE	9	15	FT	VANADIUM	7440-62-2	10	14.9	mg/kg	E	J
46793	BH40740AE	6	8	FT	VANADIUM	7440-62-2	10	14.6	mg/kg		V
46793	BH40742AE	8	15	FT	VANADIUM	7440-62-2	10	26.6	mg/kg		V
46893	BH40748AE	7	9	FT	VANADIUM	7440-62-2	10	13.8	mg/kg		V
46893	BH40749AE	9	11	FT	VANADIUM	7440-62-2	10	13.1	mg/kg		V
46893	BH40754AE	12	12	FT	VANADIUM	7440-62-2	10	9.5	mg/kg	B	J
46993	BH40768AE	6	7	FT	VANADIUM	7440-62-2	10	33.9	mg/kg		V
46993	BH40770AE	7	13	FT	VANADIUM	7440-62-2	10	3	mg/kg	B	J
47093	BH40776AE	7	9	FT	VANADIUM	7440-62-2	50	14.5	mg/kg		J
P207589	SEP0389BR0915	9	15	FT	VANADIUM	7440-62-2	10	45.5	mg/kg		A
P207589	SEP0389BR1521	15	21	FT	VANADIUM	7440-62-2	10	27.9	mg/kg		A
P208889	SEP1689BR1016	10	15	FT	VANADIUM	7440-62-2	10	10	mg/kg	U	V
P208989	SEP1789BR0915	9	15	FT	VANADIUM	7440-62-2	10	11.3	mg/kg	U	V
P209089	SEP1889BR1218	12	18	FT	VANADIUM	7440-62-2	10	19.9	mg/kg		V
P209089	SEP1889BR1824	18	24	FT	VANADIUM	7440-62-2	10	13.5	mg/kg		V
P209189	SEP1989BR1016	10	16	FT	VANADIUM	7440-62-2	10	23.4	mg/kg		V
P209189	SEP1989BR1622	16	22	FT	VANADIUM	7440-62-2	10	23.5	mg/kg		V
P209489	SEP2289BR0912	9	12	FT	VANADIUM	7440-62-2	10	23.8	mg/kg		V
P209489	SEP2289BR1213	12	13	FT	VANADIUM	7440-62-2	10	51.8	mg/kg		V
P209489	SEP2289BR1416	14	16	FT	VANADIUM	7440-62-2	10	14.9	mg/kg		V
P209489	SEP2289BR1621	16	21	FT	VANADIUM	7440-62-2	10	10.2	mg/kg	U	V
P209589	SEP2389BR1015	10	14	FT	VANADIUM	7440-62-2	10	16.2	mg/kg		V
P209889	SEP2689BR1016	10	16	FT	VANADIUM	7440-62-2	10	23.7	mg/kg		V
P210189	SEP3089BR0915	9	15	FT	VANADIUM	7440-62-2	10	8	mg/kg	B	V
P210189	SEP3089BR1521	15	21	FT	VANADIUM	7440-62-2	10	31.2	mg/kg		V
P210189	SEP3089BR2127	21	27	FT	VANADIUM	7440-62-2	10	58.4	mg/kg		V
P210289	SEP3189BR0713	7	13	FT	VANADIUM	7440-62-2	10	21.9	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	VANADIUM	7440-62-2	10	26.5	mg/kg		V
05093	BH00064AE	6	12	FT	ZINC	7440-66-6	10	20	mg/kg		V
05193	BH00069AE	6	11	FT	ZINC	7440-66-6	10	16	mg/kg		V
05393	BH00079AE	18	22	FT	ZINC	7440-66-6	10	33.2	mg/kg		V
05393	BH00081AE	6	12	FT	ZINC	7440-66-6	10	53.3	mg/kg		V
05393	BH00084AE	12	18	FT	ZINC	7440-66-6	10	56.4	mg/kg		V

508

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
44593	BH40005AE	6	11	FT	ZINC	7440-66-6	4.5	44.5	mg/kg		V
41193	BH40052AE	6	8	FT	ZINC	7440-66-6	4	24.2	mg/kg	E	J
41993	BH40065AE	6	12	FT	ZINC	7440-66-6	5	18.1	mg/kg		V
43893	BH40073AE	6	11	FT	ZINC	7440-66-6	4	9.1	mg/kg	E	J
42193	BH40086AE	10	16	FT	ZINC	7440-66-6	10	46.8	mg/kg		V
42193	BH40091AE	16	22	FT	ZINC	7440-66-6	10	61.5	mg/kg		V
42993	BH40144AE	7	10	FT	ZINC	7440-66-6	4	10.3	mg/kg		V
40793	BH40160AE	6	8	FT	ZINC	7440-66-6	10	22.8	mg/kg		J
40093	BH40170AE	6	8	FT	ZINC	7440-66-6	5	70.9	mg/kg		V
44893	BH40191AE	6	12	FT	ZINC	7440-66-6	5	28.8	mg/kg		V
40993	BH40204AE	6	10	FT	ZINC	7440-66-6	10	9.9	mg/kg		V
40993	BH40206AE	10	19	FT	ZINC	7440-66-6	10	21.7	mg/kg		V
41693	BH40220AE	6	12	FT	ZINC	7440-66-6	5	50.9	mg/kg		J
41793	BH40246AE	6	11	FT	ZINC	7440-66-6	4	11.8	mg/kg		J
42293	BH40256AE	6	11	FT	ZINC	7440-66-6	10	39.3	mg/kg		J
42293	BH40258AE	11	13	FT	ZINC	7440-66-6	10	19.8	mg/kg		V
42393	BH40264AE	6	8	FT	ZINC	7440-66-6	4	30.9	mg/kg		V
42593	BH40290AE	10	17	FT	ZINC	7440-66-6	10	56.3	mg/kg		V
43193	BH40309AE	6	11	FT	ZINC	7440-66-6	5	12.8	mg/kg		V
43393	BH40324AE	8	13	FT	ZINC	7440-66-6	10	76.9	mg/kg	N*	J
43793	BH40335AE	6	12	FT	ZINC	7440-66-6	10	21.4	mg/kg		V
44093	BH40351AE	6	10	FT	ZINC	7440-66-6	4	13.7	mg/kg		V
45893	BH40380AE	6	9	FT	ZINC	7440-66-6	10	35.2	mg/kg		V
45893	BH40382AE	9	18	FT	ZINC	7440-66-6	10	52.1	mg/kg		V
40793	BH40414AE	8	13	FT	ZINC	7440-66-6	10	44.2	mg/kg		J
40993	BH40415AE	20	29	FT	ZINC	7440-66-6	10	61.2	mg/kg		J
40993	BH40416AE	31	35	FT	ZINC	7440-66-6	10	71.3	mg/kg		J
41593	BH40424AE	6	8	FT	ZINC	7440-66-6	10	17.6	mg/kg		V
42193	BH40430AE	22	28	FT	ZINC	7440-66-6	10	54.9	mg/kg		V
42193	BH40432AE	6	10	FT	ZINC	7440-66-6	10	31.1	mg/kg	N*	J
42193	BH40433AE	28	31	FT	ZINC	7440-66-6	10	110	mg/kg	N*	J
42493	BH40445AE	8	10	FT	ZINC	7440-66-6	10	44.6	mg/kg		V
42593	BH40450AE	8	10	FT	ZINC	7440-66-6	10	38.6	mg/kg		V
43693	BH40521AE	6	8	FT	ZINC	7440-66-6	10	9.3	mg/kg		V
43693	BH40522AE	8	10	FT	ZINC	7440-66-6	10	12	mg/kg		V
43693	BH40525AE	10	13	FT	ZINC	7440-66-6	10	91.6	mg/kg		V
46593	BH40711AE	9	11	FT	ZINC	7440-66-6	4	67.1	mg/kg		V
46593	BH40713AE	11	16	FT	ZINC	7440-66-6	4	53.5	mg/kg		V
46693	BH40726AE	7	8	FT	ZINC	7440-66-6	4	21.9	mg/kg		V
46693	BH40728AE	9	15	FT	ZINC	7440-66-6	4	42.5	mg/kg		V
46793	BH40740AE	6	8	FT	ZINC	7440-66-6	4	8	mg/kg	E	J
46793	BH40742AE	8	15	FT	ZINC	7440-66-6	4	68.1	mg/kg	E	J
46893	BH40748AE	7	9	FT	ZINC	7440-66-6	4	19	mg/kg		V
46893	BH40749AE	9	11	FT	ZINC	7440-66-6	4	10	mg/kg		J
46893	BH40754AE	12	12	FT	ZINC	7440-66-6	4	16.5	mg/kg		V
46993	BH40768AE	6	7	FT	ZINC	7440-66-6	4	49	mg/kg		V
46993	BH40770AE	7	13	FT	ZINC	7440-66-6	4	13.5	mg/kg		J
47093	BH40776AE	7	9	FT	ZINC	7440-66-6	20	16.6	mg/kg		V
P207589	SEP0389BR0915	9	15	FT	ZINC	7440-66-6	4	124	mg/kg		A
P207589	SEP0389BR1521	15	21	FT	ZINC	7440-66-6	4	38	mg/kg		A
P208889	SEP1689BR1016	10	15	FT	ZINC	7440-66-6	4	37.9	mg/kg		A
P208989	SEP1789BR0915	9	15	FT	ZINC	7440-66-6	4	11.2	mg/kg		A
P209089	SEP1889BR1218	12	18	FT	ZINC	7440-66-6	4	36.5	mg/kg		V
P209089	SEP1889BR1824	18	24	FT	ZINC	7440-66-6	4	101	mg/kg		V
P209189	SEP1989BR1016	10	16	FT	ZINC	7440-66-6	4	17.7	mg/kg		V
P209189	SEP1989BR1622	16	22	FT	ZINC	7440-66-6	4	35.9	mg/kg		V
P209489	SEP2289BR0912	9	12	FT	ZINC	7440-66-6	4	19.3	mg/kg		V
P209489	SEP2289BR1213	12	13	FT	ZINC	7440-66-6	4	25.3	mg/kg		V
P209489	SEP2289BR1416	14	16	FT	ZINC	7440-66-6	4	35.8	mg/kg		V
P209489	SEP2289BR1621	16	21	FT	ZINC	7440-66-6	4	16.3	mg/kg		V
P209589	SEP2389BR1015	10	14	FT	ZINC	7440-66-6	4	40.6	mg/kg		A
P209889	SEP2689BR1016	10	16	FT	ZINC	7440-66-6	4	45.3	mg/kg		V
P210189	SEP3089BR0915	9	15	FT	ZINC	7440-66-6	4	12.8	mg/kg		V
P210189	SEP3089BR1521	15	21	FT	ZINC	7440-66-6	4	82.6	mg/kg		A
P210189	SEP3089BR2127	21	27	FT	ZINC	7440-66-6	4	60.7	mg/kg		A

509

Table A.9 Solar Evaporation Pond AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Metals

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	RESULT QUALIFIER	VALIDATION QUALIFIER
P210289	SEP3189BR0713	7	13	FT	ZINC	7440-66-6	4	48	mg/kg		V
P210289	SEP3189BR1319	13	19	FT	ZINC	7440-66-6	4	66.6	mg/kg		V

510

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05093	BH00065AE	10	10	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	1,1,1-TCA	71-55-6	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	1,1,1-TCA	71-55-6	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	1,1,1-TCA	71-55-6	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	1,1,1-TCA	71-55-6	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	1,1,1-TCA	71-55-6	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	1,1,1-TCA	71-55-6	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	1,1,1-TCA	71-55-6	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	1,1,1-TCA	71-55-6	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	1,1,1-TCA	71-55-6	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	1,1,1-TCA	71-55-6	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	1,1,1-TCA	71-55-6	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	1,1,1-TCA	71-55-6	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	1,1,1-TCA	71-55-6	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	1,1,1-TCA	71-55-6	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	1,1,1-TCA	71-55-6	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	1,1,1-TCA	71-55-6	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	1,1,1-TCA	71-55-6	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	1,1,1-TCA	71-55-6	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	1,1,1-TCA	71-55-6	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V

511

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209189	SEP1989BR2021	20	21	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	1,1,1-TCA	71-55-6	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	1,1,1-TCA	71-55-6	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	1,1,1-TCA	71-55-6	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	1,1,1-TCA	71-55-6	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	1,1,1-TCA	71-55-6	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
05093	BH00065AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	7	7	ug/Kg	U	V
693	BH40221AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
693	BH40223AE	17	17	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
5893	BH40381AE	9	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
93	BH40387AE	8	8	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
593	BH40704AE	6	7	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	6	ug/Kg	U	V

512

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46593	BH40712AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
05093	BH00065AE	10	10	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	1,1,2-TCA	79-00-5	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	1,1,2-TCA	79-00-5	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	1,1,2-TCA	79-00-5	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	1,1,2-TCA	79-00-5	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	1,1,2-TCA	79-00-5	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V

513

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS No.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43893	BH40077AE	15	15	FT	1,1,2-TCA	79-00-5	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	1,1,2-TCA	79-00-5	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	1,1,2-TCA	79-00-5	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	1,1,2-TCA	79-00-5	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	1,1,2-TCA	79-00-5	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	1,1,2-TCA	79-00-5	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	1,1,2-TCA	79-00-5	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	1,1,2-TCA	79-00-5	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	1,1,2-TCA	79-00-5	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	1,1,2-TCA	79-00-5	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	1,1,2-TCA	79-00-5	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	1,1,2-TCA	79-00-5	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	1,1,2-TCA	79-00-5	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	1,1,2-TCA	79-00-5	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	1,1,2-TCA	79-00-5	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	1,1,2-TCA	79-00-5	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	1,1,2-TCA	79-00-5	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	1,1,2-TCA	79-00-5	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	1,1,2-TCA	79-00-5	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
05093	BH00065AE	10	10	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	1,1-DCA	75-34-3	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	1,1-DCA	75-34-3	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	1,1-DCA	75-34-3	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	1,1-DCA	75-34-3	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	1,1-DCA	75-34-3	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V

514

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS No.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42493	BH40289AE	10	10	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	1,1-DCA	75-34-3	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	1,1-DCA	75-34-3	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	1,1-DCA	75-34-3	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	1,1-DCA	75-34-3	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	1,1-DCA	75-34-3	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	1,1-DCA	75-34-3	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	1,1-DCA	75-34-3	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	1,1-DCA	75-34-3	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	1,1-DCA	75-34-3	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	1,1-DCA	75-34-3	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	1,1-DCA	75-34-3	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	1,1-DCA	75-34-3	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	1,1-DCA	75-34-3	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	1,1-DCA	75-34-3	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	1,1-DCA	75-34-3	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	1,1-DCA	75-34-3	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	1,1-DCA	75-34-3	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	1,1-DCA	75-34-3	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	1,1-DCA	75-34-3	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	1,1-DCA	75-34-3	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	1,1-DCA	75-34-3	6	6	ug/Kg	U	V
05093	BH00065AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
05093	BH00065AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	1,1-DCE	75-35-4	30	30	ug/Kg	U	V
40093	BH40171AE	10	10	FT	1,1-DCE	75-35-4	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V

515

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40293	BH40120AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
41193	BH40051AE	6	6	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	1,1-DCE	75-35-4	7	7	ug/Kg	U	V
41193	BH40053AE	10	10	FT	1,1-DCE	75-35-4	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
41293	BH40198AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	1,1-DCE	75-35-4	7	7	ug/Kg	U	V
41693	BH40219AE	6	6	FT	1,1-DCE	75-35-4	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
41693	BH40221AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
42193	BH40437AE	6	6	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
42193	BH40090AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	J
42293	BH40255AE	7	8	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	J
42293	BH40257AE	11	11	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
42393	BH40263AE	6	6	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
42393	BH40265AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	1,1-DCE	75-35-4	7	7	ug/Kg	U	V
42993	BH40142AE	9	10	FT	1,1-DCE	75-35-4	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
42993	BH40147AE	14	14	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
43193	BH40308AE	6	6	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43393	BH40331AE	9	9	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
43693	BH40342AE	6	6	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43693	BH40347AE	13	13	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
43793	BH40336AE	9	9	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43793	BH40339AE	14	14	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
43893	BH40074AE	12	13	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V

516

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43893	BH40077AE	15	15	FT	1,1-DCE	75-35-4	31	31	ug/Kg	U	V
43893	BH40077AE	15	15	FT	1,1-DCE	75-35-4	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	1,1-DCE	75-35-4	7	7	ug/Kg	U	V
43993	BH40360AE	16	17	FT	1,1-DCE	75-35-4	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
44093	BH40350AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
45893	BH40381AE	9	10	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
46193	BH40387AE	8	8	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	J
46693	BH40719AE	6	6	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46693	BH40727AE	14	15	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
46893	BH40750AE	10	10	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46893	BH40755AE	12	12	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	1,1-DCE	75-35-4	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	1,1-DCE	75-35-4	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	1,1-DCE	75-35-4	690	690	ug/Kg	U	V

517

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P210189	SEP3089BR0810	9	9	FT	1,1-DCE	75-35-4	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	1,1-DCE	75-35-4	610	610	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	1,1-DCE	75-35-4	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	1,1-DCE	75-35-4	690	690	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	1,1-DCE	75-35-4	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	1,1-DCE	75-35-4	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	1,1-DCE	75-35-4	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	1,1-DCE	75-35-4	740	740	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	1,1-DCE	75-35-4	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	1,1-DCE	75-35-4	6	6	ug/Kg	U	V
42193	BH40086AE	10	16	FT	1,2,4-TRICHLOROBENZENE	120-82-1	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	1,2,4-TRICHLOROBENZENE	120-82-1	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	1,2,4-TRICHLOROBENZENE	120-82-1	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	1,2,4-TRICHLOROBENZENE	120-82-1	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	1,2,4-TRICHLOROBENZENE	120-82-1	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	1,2,4-TRICHLOROBENZENE	120-82-1	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	1,2,4-TRICHLOROBENZENE	120-82-1	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	1,2,4-TRICHLOROBENZENE	120-82-1	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	1,2,4-TRICHLOROBENZENE	120-82-1	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	1,2,4-TRICHLOROBENZENE	120-82-1	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	1,2,4-TRICHLOROBENZENE	120-82-1	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	1,2,4-TRICHLOROBENZENE	120-82-1	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	1,2,4-TRICHLOROBENZENE	120-82-1	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	1,2,4-TRICHLOROBENZENE	120-82-1	330	390	ug/Kg	U	V
05093	BH00065AE	10	10	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	1,2-DCA	107-06-2	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	1,2-DCA	107-06-2	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	1,2-DCA	107-06-2	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	1,2-DCA	107-06-2	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	1,2-DCA	107-06-2	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	1,2-DCA	107-06-2	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	1,2-DCA	107-06-2	31	31	ug/Kg	U	V

518

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43993	BH40360AE	16	17	FT	1,2-DCA	107-06-2	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	1,2-DCA	107-06-2	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	1,2-DCA	107-06-2	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	1,2-DCA	107-06-2	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	1,2-DCA	107-06-2	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	1,2-DCA	107-06-2	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	1,2-DCA	107-06-2	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	1,2-DCA	107-06-2	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	1,2-DCA	107-06-2	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	1,2-DCA	107-06-2	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	1,2-DCA	107-06-2	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	1,2-DCA	107-06-2	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	1,2-DCA	107-06-2	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	1,2-DCA	107-06-2	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	1,2-DCA	107-06-2	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	1,2-DCA	107-06-2	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	1,2-DCA	107-06-2	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	1,2-DCA	107-06-2	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	1,2-DCA	107-06-2	6	6	ug/Kg	U	V
42193	BH40086AE	10	16	FT	1,2-DCB	95-50-1	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	1,2-DCB	95-50-1	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	1,2-DCB	95-50-1	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	1,2-DCB	95-50-1	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	1,2-DCB	95-50-1	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	1,2-DCB	95-50-1	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	1,2-DCB	95-50-1	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	1,2-DCB	95-50-1	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	1,2-DCB	95-50-1	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	1,2-DCB	95-50-1	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	1,2-DCB	95-50-1	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	1,2-DCB	95-50-1	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	1,2-DCB	95-50-1	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	1,2-DCB	95-50-1	330	390	ug/Kg	U	V
05093	BH00065AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	1,2-DICHLOROETHENE	540-59-0	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	7	7	ug/Kg	U	V

519

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CASNO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41293	BH40198AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	1,2-DICHLOROETHENE	540-59-0	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	1,2-DICHLOROETHENE	540-59-0	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	1,2-DICHLOROETHENE	540-59-0	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	1,2-DICHLOROETHENE	540-59-0	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	1,2-DICHLOROETHENE	540-59-0	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	1,2-DICHLOROETHENE	540-59-0	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	1,2-DICHLOROETHENE	540-59-0	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	1,2-DICHLOROETHENE	540-59-0	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	1,2-DICHLOROETHENE	540-59-0	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	1,2-DICHLOROETHENE	540-59-0	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	1,2-DICHLOROETHENE	540-59-0	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	1,2-DICHLOROETHENE	540-59-0	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	1,2-DICHLOROETHENE	540-59-0	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	1,2-DICHLOROETHENE	540-59-0	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	1,2-DICHLOROETHENE	540-59-0	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
05093	BH00065AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V

520

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05193	BH00070AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	1,2-DICHLOROPROPANE	78-87-5	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	1,2-DICHLOROPROPANE	78-87-5	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	1,2-DICHLOROPROPANE	78-87-5	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	1,2-DICHLOROPROPANE	78-87-5	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	1,2-DICHLOROPROPANE	78-87-5	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
45693	BH40373AE	8	9	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	1,2-DICHLOROPROPANE	78-87-5	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	1,2-DICHLOROPROPANE	78-87-5	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	1,2-DICHLOROPROPANE	78-87-5	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	1,2-DICHLOROPROPANE	78-87-5	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	1,2-DICHLOROPROPANE	78-87-5	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	1,2-DICHLOROPROPANE	78-87-5	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V

521

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	RESULT QUALIFIER	VALIDATION QUALIFIER
P209489	SEP2289BR0810	8	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	1,2-DICHLOROPROPANE	78-87-5	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	1,2-DICHLOROPROPANE	78-87-5	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	1,2-DICHLOROPROPANE	78-87-5	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	1,2-DICHLOROPROPANE	78-87-5	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	1,2-DICHLOROPROPANE	78-87-5	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
42193	BH40086AE	10	16	FT	1,3-DICHLOROBENZENE	541-73-1	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	1,3-DICHLOROBENZENE	541-73-1	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	1,3-DICHLOROBENZENE	541-73-1	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	1,3-DICHLOROBENZENE	541-73-1	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	1,3-DICHLOROBENZENE	541-73-1	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	1,3-DICHLOROBENZENE	541-73-1	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	1,3-DICHLOROBENZENE	541-73-1	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	1,3-DICHLOROBENZENE	541-73-1	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	1,3-DICHLOROBENZENE	541-73-1	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	1,3-DICHLOROBENZENE	541-73-1	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	1,3-DICHLOROBENZENE	541-73-1	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	1,3-DICHLOROBENZENE	541-73-1	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	1,3-DICHLOROBENZENE	541-73-1	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	1,3-DICHLOROBENZENE	541-73-1	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	1,4-DCB	106-46-7	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	1,4-DCB	106-46-7	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	1,4-DCB	106-46-7	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	1,4-DCB	106-46-7	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	1,4-DCB	106-46-7	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	1,4-DCB	106-46-7	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	1,4-DCB	106-46-7	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	1,4-DCB	106-46-7	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	1,4-DCB	106-46-7	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	1,4-DCB	106-46-7	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	1,4-DCB	106-46-7	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	1,4-DCB	106-46-7	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	1,4-DCB	106-46-7	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	1,4-DCB	106-46-7	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	2,4,5-TRICHLOROPHENOL	95-95-4	2000	2000	ug/Kg	U	V
42193	BH40091AE	16	22	FT	2,4,5-TRICHLOROPHENOL	95-95-4	2100	2100	ug/Kg	U	V
42193	BH40430AE	22	28	FT	2,4,5-TRICHLOROPHENOL	95-95-4	2000	2000	ug/Kg	U	V
42193	BH40433AE	28	31	FT	2,4,5-TRICHLOROPHENOL	95-95-4	2000	2000	ug/Kg	U	V
42293	BH40256AE	6	11	FT	2,4,5-TRICHLOROPHENOL	95-95-4	2000	2000	ug/Kg	U	J
42293	BH40258AE	11	13	FT	2,4,5-TRICHLOROPHENOL	95-95-4	2000	2000	ug/Kg	U	V
42593	BH40450AE	8	10	FT	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	V
42593	BH40290AE	10	17	FT	2,4,5-TRICHLOROPHENOL	95-95-4	1900	1900	ug/Kg	U	J
43393	BH40324AE	8	13	FT	2,4,5-TRICHLOROPHENOL	95-95-4	2000	2000	ug/Kg	U	V
46593	BH40713AE	11	16	FT	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1900	ug/Kg	U	V
46693	BH40728AE	9	15	FT	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1900	ug/Kg	U	V
46793	BH40742AE	8	15	FT	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1900	ug/Kg	U	V
46893	BH40807AE	6	12	FT	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1700	ug/Kg	U	V
46993	BH40770AE	7	13	FT	2,4,5-TRICHLOROPHENOL	95-95-4	1600	1900	ug/Kg	U	V
42193	BH40086AE	10	16	FT	2,4,6-TRICHLOROPHENOL	88-06-2	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	2,4,6-TRICHLOROPHENOL	88-06-2	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	2,4,6-TRICHLOROPHENOL	88-06-2	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	2,4,6-TRICHLOROPHENOL	88-06-2	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	2,4,6-TRICHLOROPHENOL	88-06-2	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	2,4,6-TRICHLOROPHENOL	88-06-2	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	2,4,6-TRICHLOROPHENOL	88-06-2	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	2,4,6-TRICHLOROPHENOL	88-06-2	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	2,4,6-TRICHLOROPHENOL	88-06-2	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	2,4,6-TRICHLOROPHENOL	88-06-2	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	2,4,6-TRICHLOROPHENOL	88-06-2	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	2,4,6-TRICHLOROPHENOL	88-06-2	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	2,4,6-TRICHLOROPHENOL	88-06-2	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	2,4,6-TRICHLOROPHENOL	88-06-2	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	2,4-DICHLOROPHENOL	120-83-2	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	2,4-DICHLOROPHENOL	120-83-2	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	2,4-DICHLOROPHENOL	120-83-2	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	2,4-DICHLOROPHENOL	120-83-2	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	2,4-DICHLOROPHENOL	120-83-2	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	2,4-DICHLOROPHENOL	120-83-2	400	400	ug/Kg	U	V

522

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42593	BH40450AE	8	10	FT	2,4-DICHLOROPHENOL	120-83-2	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	2,4-DICHLOROPHENOL	120-83-2	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	2,4-DICHLOROPHENOL	120-83-2	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	2,4-DICHLOROPHENOL	120-83-2	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	2,4-DICHLOROPHENOL	120-83-2	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	2,4-DICHLOROPHENOL	120-83-2	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	2,4-DICHLOROPHENOL	120-83-2	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	2,4-DICHLOROPHENOL	120-83-2	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	2,4-DIMETHYLPHENOL	105-67-9	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	2,4-DIMETHYLPHENOL	105-67-9	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	2,4-DIMETHYLPHENOL	105-67-9	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	2,4-DIMETHYLPHENOL	105-67-9	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	2,4-DIMETHYLPHENOL	105-67-9	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	2,4-DIMETHYLPHENOL	105-67-9	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	2,4-DIMETHYLPHENOL	105-67-9	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	2,4-DIMETHYLPHENOL	105-67-9	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	2,4-DIMETHYLPHENOL	105-67-9	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	2,4-DIMETHYLPHENOL	105-67-9	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	2,4-DIMETHYLPHENOL	105-67-9	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	2,4-DIMETHYLPHENOL	105-67-9	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	2,4-DIMETHYLPHENOL	105-67-9	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	2,4-DIMETHYLPHENOL	105-67-9	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	2,4-DINITROPHENOL	51-28-5	2000	2000	ug/Kg	U	V
42193	BH40091AE	16	22	FT	2,4-DINITROPHENOL	51-28-5	2100	2100	ug/Kg	U	V
42193	BH40430AE	22	28	FT	2,4-DINITROPHENOL	51-28-5	2000	2000	ug/Kg	U	V
42193	BH40433AE	28	31	FT	2,4-DINITROPHENOL	51-28-5	2000	2000	ug/Kg	U	V
42293	BH40256AE	6	11	FT	2,4-DINITROPHENOL	51-28-5	2000	2000	ug/Kg	U	J
42293	BH40258AE	11	13	FT	2,4-DINITROPHENOL	51-28-5	2000	2000	ug/Kg	U	V
42593	BH40450AE	8	10	FT	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	V
42593	BH40290AE	10	17	FT	2,4-DINITROPHENOL	51-28-5	1900	1900	ug/Kg	U	J
43393	BH40324AE	8	13	FT	2,4-DINITROPHENOL	51-28-5	2000	2000	ug/Kg	U	V
46593	BH40713AE	11	16	FT	2,4-DINITROPHENOL	51-28-5	1600	1900	ug/Kg	U	V
46693	BH40728AE	9	15	FT	2,4-DINITROPHENOL	51-28-5	1600	1900	ug/Kg	U	V
46793	BH40742AE	8	15	FT	2,4-DINITROPHENOL	51-28-5	1600	1900	ug/Kg	U	V
46893	BH40807AE	6	12	FT	2,4-DINITROPHENOL	51-28-5	1600	1700	ug/Kg	U	V
46993	BH40770AE	7	13	FT	2,4-DINITROPHENOL	51-28-5	1600	1900	ug/Kg	U	V
42193	BH40086AE	10	16	FT	2,4-DNT	121-14-2	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	2,4-DNT	121-14-2	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	2,4-DNT	121-14-2	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	2,4-DNT	121-14-2	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	2,4-DNT	121-14-2	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	2,4-DNT	121-14-2	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	2,4-DNT	121-14-2	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	2,4-DNT	121-14-2	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	2,4-DNT	121-14-2	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	2,4-DNT	121-14-2	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	2,4-DNT	121-14-2	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	2,4-DNT	121-14-2	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	2,4-DNT	121-14-2	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	2,4-DNT	121-14-2	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	2,6-DNT	606-20-2	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	2,6-DNT	606-20-2	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	2,6-DNT	606-20-2	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	2,6-DNT	606-20-2	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	2,6-DNT	606-20-2	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	2,6-DNT	606-20-2	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	2,6-DNT	606-20-2	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	2,6-DNT	606-20-2	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	2,6-DNT	606-20-2	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	2,6-DNT	606-20-2	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	2,6-DNT	606-20-2	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	2,6-DNT	606-20-2	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	2,6-DNT	606-20-2	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	2,6-DNT	606-20-2	330	390	ug/Kg	U	V
40893	BH40029AE	7	7	FT	2-BUTANONE	78-93-3	10	12	ug/Kg	U	V
44593	BH40004AE	10	10	FT	2-BUTANONE	78-93-3	10	11	ug/Kg	U	V
44593	BH40006AE	14	14	FT	2-BUTANONE	78-93-3	10	13	ug/Kg	U	V
46693	BH40719AE	6	6	FT	2-BUTANONE	78-93-3	10	11	ug/Kg	U	J
46693	BH40727AE	14	15	FT	2-BUTANONE	78-93-3	10	12	ug/Kg	U	V
46793	BH40733AE	6	6	FT	2-BUTANONE	78-93-3	10	12	ug/Kg	U	V
46793	BH40741AE	8	8	FT	2-BUTANONE	78-93-3	10	12	ug/Kg	U	V
46893	BH40747AE	6	6	FT	2-BUTANONE	78-93-3	10	11	ug/Kg	U	V
46893	BH40750AE	10	10	FT	2-BUTANONE	78-93-3	10	11	ug/Kg	U	V
46893	BH40755AE	12	12	FT	2-BUTANONE	78-93-3	10	12	ug/Kg	U	V
46993	BH40769AE	7	7	FT	2-BUTANONE	78-93-3	10	13	ug/Kg	U	V

523

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P208989	SEP1789BR0810	9	11	FT	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	2-BUTANONE	78-93-3	11	11	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	2-BUTANONE	78-93-3	11	11	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	2-BUTANONE	78-93-3	13	13	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	2-BUTANONE	78-93-3	13	13	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	2-BUTANONE	78-93-3	12	12	ug/Kg	U	V
42193	BH40086AE	10	16	FT	2-CHLORONAPHTHALENE	91-58-7	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	2-CHLORONAPHTHALENE	91-58-7	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	2-CHLORONAPHTHALENE	91-58-7	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	2-CHLORONAPHTHALENE	91-58-7	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	2-CHLORONAPHTHALENE	91-58-7	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	2-CHLORONAPHTHALENE	91-58-7	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	2-CHLORONAPHTHALENE	91-58-7	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	2-CHLORONAPHTHALENE	91-58-7	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	2-CHLORONAPHTHALENE	91-58-7	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	2-CHLORONAPHTHALENE	91-58-7	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	2-CHLORONAPHTHALENE	91-58-7	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	2-CHLORONAPHTHALENE	91-58-7	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	2-CHLORONAPHTHALENE	91-58-7	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	2-CHLORONAPHTHALENE	91-58-7	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	2-CHLOROPHENOL	95-57-8	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	2-CHLOROPHENOL	95-57-8	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	2-CHLOROPHENOL	95-57-8	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	2-CHLOROPHENOL	95-57-8	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	2-CHLOROPHENOL	95-57-8	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	2-CHLOROPHENOL	95-57-8	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	2-CHLOROPHENOL	95-57-8	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	2-CHLOROPHENOL	95-57-8	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	2-CHLOROPHENOL	95-57-8	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	2-CHLOROPHENOL	95-57-8	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	2-CHLOROPHENOL	95-57-8	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	2-CHLOROPHENOL	95-57-8	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	2-CHLOROPHENOL	95-57-8	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	2-CHLOROPHENOL	95-57-8	330	390	ug/Kg	U	V
05093	BH00065AE	10	10	FT	2-HEXANONE	591-78-6	13	13	ug/Kg	U	V
05193	BH00068AE	6	6	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
05193	BH00070AE	10	10	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
05193	BH00085AE	14	14	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
05393	BH00078AE	6	6	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
05393	BH00080AE	8	9	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
40093	BH40171AE	10	10	FT	2-HEXANONE	591-78-6	61	61	ug/Kg	U	V
40293	BH40120AE	6	6	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
40293	BH40120AE	6	6	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
40393	BH40125AE	6	6	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
40393	BH40125AE	6	6	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
40893	BH40029AE	7	7	FT	2-HEXANONE	591-78-6	10	12	ug/Kg	U	V
40993	BH40205AE	9	10	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
40993	BH40208AE	31	31	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
41193	BH40051AE	6	6	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
41193	BH40053AE	10	10	FT	2-HEXANONE	591-78-6	13	13	ug/Kg	U	V
41293	BH40198AE	6	6	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
41593	BH40216AE	7	8	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
41693	BH40219AE	6	6	FT	2-HEXANONE	591-78-6	14	14	ug/Kg	U	V
41693	BH40221AE	10	10	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
41693	BH40223AE	17	17	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
41993	BH40066AE	10	10	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
42093	BH40104AE	6	6	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
42193	BH40437AE	6	6	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
42193	BH40090AE	10	10	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
42293	BH40255AE	7	8	FT	2-HEXANONE	591-78-6	10	10	ug/Kg	U	J
42293	BH40257AE	11	11	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	J
42393	BH40263AE	6	6	FT	2-HEXANONE	591-78-6	10	10	ug/Kg	U	V
42393	BH40265AE	10	10	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
42493	BH40289AE	10	10	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
42593	BH40294AE	10	10	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V

524

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CASNO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42993	BH40142AE	9	10	FT	2-HEXANONE	591-78-6	13	13	ug/Kg	U	V
43193	BH40308AE	6	6	FT	2-HEXANONE	591-78-6	10	10	ug/Kg	U	V
43393	BH40331AE	9	9	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
43493	BH40323AE	10	10	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
43693	BH40342AE	6	6	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
43693	BH40344AE	9	10	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
43693	BH40347AE	13	13	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
43793	BH40336AE	9	9	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
43793	BH40339AE	14	14	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
43893	BH40072AE	6	6	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
43893	BH40076AE	9	9	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
43893	BH40074AE	12	13	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
43893	BH40077AE	15	15	FT	2-HEXANONE	591-78-6	61	61	ug/Kg		V
43993	BH40360AE	16	17	FT	2-HEXANONE	591-78-6	13	13	ug/Kg	U	V
44093	BH40350AE	6	6	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
44093	BH40352AE	14	15	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
44393	BH40037AE	10	10	FT	2-HEXANONE	591-78-6	13	13	ug/Kg	U	V
44593	BH40004AE	10	10	FT	2-HEXANONE	591-78-6	10	11	ug/Kg	U	V
44593	BH40006AE	14	14	FT	2-HEXANONE	591-78-6	10	13	ug/Kg	U	V
44893	BH40189AE	6	6	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
45693	BH40373AE	9	9	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
45893	BH40381AE	9	10	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
46193	BH40387AE	8	8	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
46693	BH40719AE	6	6	FT	2-HEXANONE	591-78-6	10	11	ug/Kg	U	J
46693	BH40727AE	14	15	FT	2-HEXANONE	591-78-6	10	12	ug/Kg	U	V
46793	BH40733AE	6	6	FT	2-HEXANONE	591-78-6	10	12	ug/Kg	U	V
46793	BH40741AE	8	8	FT	2-HEXANONE	591-78-6	10	12	ug/Kg	U	V
46893	BH40747AE	6	6	FT	2-HEXANONE	591-78-6	10	11	ug/Kg	U	V
46893	BH40750AE	10	10	FT	2-HEXANONE	591-78-6	10	11	ug/Kg	U	V
46893	BH40755AE	12	12	FT	2-HEXANONE	591-78-6	10	12	ug/Kg	U	V
46993	BH40769AE	7	7	FT	2-HEXANONE	591-78-6	10	13	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	2-HEXANONE	591-78-6	11	11	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	2-HEXANONE	591-78-6	13	13	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	2-HEXANONE	591-78-6	13	13	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
42193	BH40086AE	10	16	FT	2-METHYLNAPHTHALENE	91-57-6	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	2-METHYLNAPHTHALENE	91-57-6	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	2-METHYLNAPHTHALENE	91-57-6	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	2-METHYLNAPHTHALENE	91-57-6	400	400	ug/Kg	U	V
42293	BH40258AE	11	13	FT	2-METHYLNAPHTHALENE	91-57-6	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	2-METHYLNAPHTHALENE	91-57-6	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	2-METHYLNAPHTHALENE	91-57-6	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	2-METHYLNAPHTHALENE	91-57-6	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	2-METHYLNAPHTHALENE	91-57-6	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	2-METHYLNAPHTHALENE	91-57-6	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	2-METHYLNAPHTHALENE	91-57-6	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	2-METHYLNAPHTHALENE	91-57-6	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	2-METHYLNAPHTHALENE	91-57-6	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	2-METHYLPHENOL	95-48-7	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	2-METHYLPHENOL	95-48-7	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	2-METHYLPHENOL	95-48-7	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	2-METHYLPHENOL	95-48-7	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	2-METHYLPHENOL	95-48-7	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	2-METHYLPHENOL	95-48-7	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	2-METHYLPHENOL	95-48-7	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	2-METHYLPHENOL	95-48-7	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	2-METHYLPHENOL	95-48-7	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	2-METHYLPHENOL	95-48-7	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	2-METHYLPHENOL	95-48-7	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	2-METHYLPHENOL	95-48-7	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	2-METHYLPHENOL	95-48-7	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	2-METHYLPHENOL	95-48-7	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	2-NITROANILINE	88-74-4	2000	2000	ug/Kg	U	V

525

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42193	BH40091AE	16	22	FT	2-NITROANILINE	88-74-4	2100	2100	ug/Kg	U	V
42193	BH40430AE	22	28	FT	2-NITROANILINE	88-74-4	2000	2000	ug/Kg	U	V
42193	BH40433AE	28	31	FT	2-NITROANILINE	88-74-4	2000	2000	ug/Kg	U	V
42293	BH40256AE	6	11	FT	2-NITROANILINE	88-74-4	2000	2000	ug/Kg	U	J
42293	BH40258AE	11	13	FT	2-NITROANILINE	88-74-4	2000	2000	ug/Kg	U	V
42593	BH40450AE	8	10	FT	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	V
42593	BH40290AE	10	17	FT	2-NITROANILINE	88-74-4	1900	1900	ug/Kg	U	J
43393	BH40324AE	8	13	FT	2-NITROANILINE	88-74-4	2000	2000	ug/Kg	U	V
46593	BH40713AE	11	16	FT	2-NITROANILINE	88-74-4	1600	1900	ug/Kg	U	V
46693	BH40728AE	9	15	FT	2-NITROANILINE	88-74-4	1600	1900	ug/Kg	U	V
46793	BH40742AE	8	15	FT	2-NITROANILINE	88-74-4	1600	1900	ug/Kg	U	V
46893	BH40807AE	6	12	FT	2-NITROANILINE	88-74-4	1600	1700	ug/Kg	U	V
46993	BH40770AE	7	13	FT	2-NITROANILINE	88-74-4	1600	1900	ug/Kg	U	V
42193	BH40086AE	10	16	FT	2-NITROPHENOL	88-75-5	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	2-NITROPHENOL	88-75-5	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	2-NITROPHENOL	88-75-5	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	2-NITROPHENOL	88-75-5	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	2-NITROPHENOL	88-75-5	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	2-NITROPHENOL	88-75-5	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	2-NITROPHENOL	88-75-5	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	2-NITROPHENOL	88-75-5	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	2-NITROPHENOL	88-75-5	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	2-NITROPHENOL	88-75-5	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	2-NITROPHENOL	88-75-5	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	2-NITROPHENOL	88-75-5	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	2-NITROPHENOL	88-75-5	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	2-NITROPHENOL	88-75-5	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	3,3'-DICHLOROBENZIDINE	91-94-1	810	810	ug/Kg	U	V
42193	BH40091AE	16	22	FT	3,3'-DICHLOROBENZIDINE	91-94-1	830	830	ug/Kg	U	V
42193	BH40430AE	22	28	FT	3,3'-DICHLOROBENZIDINE	91-94-1	800	800	ug/Kg	U	V
42193	BH40433AE	28	31	FT	3,3'-DICHLOROBENZIDINE	91-94-1	800	800	ug/Kg	U	V
42293	BH40256AE	6	11	FT	3,3'-DICHLOROBENZIDINE	91-94-1	810	810	ug/Kg	U	J
42293	BH40258AE	11	13	FT	3,3'-DICHLOROBENZIDINE	91-94-1	800	800	ug/Kg	U	V
42593	BH40450AE	8	10	FT	3,3'-DICHLOROBENZIDINE	91-94-1	770	770	ug/Kg	U	V
42593	BH40290AE	10	17	FT	3,3'-DICHLOROBENZIDINE	91-94-1	780	780	ug/Kg	U	J
43393	BH40324AE	8	13	FT	3,3'-DICHLOROBENZIDINE	91-94-1	780	780	ug/Kg	U	V
46593	BH40713AE	11	16	FT	3,3'-DICHLOROBENZIDINE	91-94-1	660	780	ug/Kg	U	V
46693	BH40728AE	9	15	FT	3,3'-DICHLOROBENZIDINE	91-94-1	660	780	ug/Kg	U	V
46793	BH40742AE	8	15	FT	3,3'-DICHLOROBENZIDINE	91-94-1	660	790	ug/Kg	U	V
46893	BH40807AE	6	12	FT	3,3'-DICHLOROBENZIDINE	91-94-1	660	700	ug/Kg	U	V
46993	BH40770AE	7	13	FT	3,3'-DICHLOROBENZIDINE	91-94-1	660	780	ug/Kg	U	V
42193	BH40086AE	10	16	FT	3-NITROANILINE	99-09-2	2000	2000	ug/Kg	U	V
42193	BH40091AE	16	22	FT	3-NITROANILINE	99-09-2	2100	2100	ug/Kg	U	V
42193	BH40430AE	22	28	FT	3-NITROANILINE	99-09-2	2000	2000	ug/Kg	U	V
42193	BH40433AE	28	31	FT	3-NITROANILINE	99-09-2	2000	2000	ug/Kg	U	V
42293	BH40256AE	6	11	FT	3-NITROANILINE	99-09-2	2000	2000	ug/Kg	U	J
42293	BH40258AE	11	13	FT	3-NITROANILINE	99-09-2	2000	2000	ug/Kg	U	V
42593	BH40450AE	8	10	FT	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	V
42593	BH40290AE	10	17	FT	3-NITROANILINE	99-09-2	1900	1900	ug/Kg	U	J
43393	BH40324AE	8	13	FT	3-NITROANILINE	99-09-2	2000	2000	ug/Kg	U	V
46593	BH40713AE	11	16	FT	3-NITROANILINE	99-09-2	1600	1900	ug/Kg	U	V
46693	BH40728AE	9	15	FT	3-NITROANILINE	99-09-2	1600	1900	ug/Kg	U	V
46793	BH40742AE	8	15	FT	3-NITROANILINE	99-09-2	1600	1900	ug/Kg	U	V
46893	BH40807AE	6	12	FT	3-NITROANILINE	99-09-2	1600	1700	ug/Kg	U	V
46993	BH40770AE	7	13	FT	3-NITROANILINE	99-09-2	1600	1900	ug/Kg	U	V
42193	BH40086AE	10	16	FT	4,4'-DDD	72-54-8	20	20	ug/Kg	U	V
42193	BH40091AE	16	22	FT	4,4'-DDD	72-54-8	20	20	ug/Kg	U	V
42193	BH40430AE	22	28	FT	4,4'-DDD	72-54-8	19	19	ug/Kg	U	V
42193	BH40433AE	28	31	FT	4,4'-DDD	72-54-8	19	19	ug/Kg	U	V
42293	BH40256AE	6	11	FT	4,4'-DDD	72-54-8	19	19	ug/Kg	U	V
42293	BH40258AE	11	13	FT	4,4'-DDD	72-54-8	19	19	ug/Kg	U	V
42593	BH40450AE	8	10	FT	4,4'-DDD	72-54-8	18	18	ug/Kg	U	V
42593	BH40290AE	10	17	FT	4,4'-DDD	72-54-8	19	19	ug/Kg	U	J
43393	BH40324AE	8	13	FT	4,4'-DDD	72-54-8	19	19	ug/Kg	U	V
46593	BH40713AE	11	16	FT	4,4'-DDD	72-54-8	16	19	ug/Kg	U	V
46693	BH40728AE	9	15	FT	4,4'-DDD	72-54-8	16	19	ug/Kg	U	V
46793	BH40742AE	8	15	FT	4,4'-DDD	72-54-8	16	19	ug/Kg	U	V
46893	BH40807AE	6	12	FT	4,4'-DDD	72-54-8	16	17	ug/Kg	U	V
46993	BH40770AE	7	13	FT	4,4'-DDD	72-54-8	16	19	ug/Kg	U	V
42193	BH40086AE	10	16	FT	4,4'-DDE	72-55-9	20	20	ug/Kg	U	V
42193	BH40091AE	16	22	FT	4,4'-DDE	72-55-9	20	20	ug/Kg	U	V
42193	BH40430AE	22	28	FT	4,4'-DDE	72-55-9	19	19	ug/Kg	U	V
42193	BH40433AE	28	31	FT	4,4'-DDE	72-55-9	19	19	ug/Kg	U	V
42293	BH40256AE	6	11	FT	4,4'-DDE	72-55-9	19	19	ug/Kg	U	V
42293	BH40258AE	11	13	FT	4,4'-DDE	72-55-9	19	19	ug/Kg	U	V

526

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CASNO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42593	BH40450AE	8	10	FT	4,4'-DDE	72-55-9	18	18	ug/Kg	U	V
42593	BH40290AE	10	17	FT	4,4'-DDE	72-55-9	19	19	ug/Kg	U	J
43393	BH40324AE	8	13	FT	4,4'-DDE	72-55-9	19	19	ug/Kg	U	V
46593	BH40713AE	11	16	FT	4,4'-DDE	72-55-9	16	19	ug/Kg	U	V
46693	BH40728AE	9	15	FT	4,4'-DDE	72-55-9	16	19	ug/Kg	U	V
46793	BH40742AE	8	15	FT	4,4'-DDE	72-55-9	16	19	ug/Kg	U	V
46893	BH40807AE	6	12	FT	4,4'-DDE	72-55-9	16	17	ug/Kg	U	V
46993	BH40770AE	7	13	FT	4,4'-DDE	72-55-9	16	19	ug/Kg	U	V
42193	BH40086AE	10	16	FT	4,4'-DDT	50-29-3	20	20	ug/Kg	U	V
42193	BH40091AE	16	22	FT	4,4'-DDT	50-29-3	20	20	ug/Kg	U	V
42193	BH40430AE	22	28	FT	4,4'-DDT	50-29-3	19	19	ug/Kg	U	V
42193	BH40433AE	28	31	FT	4,4'-DDT	50-29-3	19	19	ug/Kg	U	V
42293	BH40256AE	6	11	FT	4,4'-DDT	50-29-3	19	19	ug/Kg	U	V
42293	BH40258AE	11	13	FT	4,4'-DDT	50-29-3	19	19	ug/Kg	U	V
42593	BH40450AE	8	10	FT	4,4'-DDT	50-29-3	18	18	ug/Kg	U	V
42593	BH40290AE	10	17	FT	4,4'-DDT	50-29-3	19	19	ug/Kg	U	J
43393	BH40324AE	8	13	FT	4,4'-DDT	50-29-3	19	19	ug/Kg	U	V
46593	BH40713AE	11	16	FT	4,4'-DDT	50-29-3	16	19	ug/Kg	U	V
46693	BH40728AE	9	15	FT	4,4'-DDT	50-29-3	16	19	ug/Kg	U	V
46793	BH40742AE	8	15	FT	4,4'-DDT	50-29-3	16	19	ug/Kg	U	V
46893	BH40807AE	6	12	FT	4,4'-DDT	50-29-3	16	17	ug/Kg	U	V
46993	BH40770AE	7	13	FT	4,4'-DDT	50-29-3	16	19	ug/Kg	U	V
42193	BH40086AE	10	16	FT	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2000	2000	ug/Kg	U	V
42193	BH40091AE	16	22	FT	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2100	2100	ug/Kg	U	V
42193	BH40430AE	22	28	FT	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2000	2000	ug/Kg	U	V
42193	BH40433AE	28	31	FT	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2000	2000	ug/Kg	U	V
42293	BH40256AE	6	11	FT	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2000	2000	ug/Kg	U	J
42293	BH40258AE	11	13	FT	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2000	2000	ug/Kg	U	V
42593	BH40450AE	8	10	FT	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	V
42593	BH40290AE	10	17	FT	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1900	1900	ug/Kg	U	J
43393	BH40324AE	8	13	FT	4,6-DINITRO-2-METHYLPHENOL	534-52-1	2000	2000	ug/Kg	U	V
46593	BH40713AE	11	16	FT	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1900	ug/Kg	U	V
46693	BH40728AE	9	15	FT	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1900	ug/Kg	U	V
46793	BH40742AE	8	15	FT	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1900	ug/Kg	U	V
46893	BH40807AE	6	12	FT	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1700	ug/Kg	U	V
46993	BH40770AE	7	13	FT	4,6-DINITRO-2-METHYLPHENOL	534-52-1	1600	1900	ug/Kg	U	V
42193	BH40086AE	10	16	FT	4-CHLORO-3-METHYLPHENOL	59-50-7	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	4-CHLORO-3-METHYLPHENOL	59-50-7	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	4-CHLORO-3-METHYLPHENOL	59-50-7	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	4-CHLORO-3-METHYLPHENOL	59-50-7	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	4-CHLORO-3-METHYLPHENOL	59-50-7	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	4-CHLORO-3-METHYLPHENOL	59-50-7	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	4-CHLORO-3-METHYLPHENOL	59-50-7	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	4-CHLORO-3-METHYLPHENOL	59-50-7	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	4-CHLORO-3-METHYLPHENOL	59-50-7	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	4-CHLORO-3-METHYLPHENOL	59-50-7	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	4-CHLORO-3-METHYLPHENOL	59-50-7	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	4-CHLORO-3-METHYLPHENOL	59-50-7	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	4-CHLORO-3-METHYLPHENOL	59-50-7	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	4-CHLORO-3-METHYLPHENOL	59-50-7	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	4-CHLOROANILINE	106-47-8	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	4-CHLOROANILINE	106-47-8	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	4-CHLOROANILINE	106-47-8	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	4-CHLOROANILINE	106-47-8	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	4-CHLOROANILINE	106-47-8	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	4-CHLOROANILINE	106-47-8	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	4-CHLOROANILINE	106-47-8	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	4-CHLOROANILINE	106-47-8	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	4-CHLOROANILINE	106-47-8	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	4-CHLOROANILINE	106-47-8	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	4-CHLOROANILINE	106-47-8	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	4-CHLOROANILINE	106-47-8	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	4-CHLOROANILINE	106-47-8	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	4-CHLOROANILINE	106-47-8	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	400	400	ug/Kg	U	J

527

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42293	BH40258AE	11	13	FT	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	4-CHLOROPHENYL PHENYL ETHER	7005-72-3	330	390	ug/Kg	U	V
05093	BH00065AE	10	10	FT	4-METHYL-2-PENTANONE	108-10-1	13	13	ug/Kg	U	V
05193	BH00068AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
05193	BH00070AE	10	10	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
05193	BH00085AE	14	14	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
05393	BH00078AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
05393	BH00080AE	8	9	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
40093	BH40171AE	10	10	FT	4-METHYL-2-PENTANONE	108-10-1	61	61	ug/Kg	U	V
40293	BH40120AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
40293	BH40120AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
40393	BH40125AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
40393	BH40125AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
40893	BH40029AE	7	7	FT	4-METHYL-2-PENTANONE	108-10-1	10	12	ug/Kg	U	V
40993	BH40205AE	9	10	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
40993	BH40208AE	31	31	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
41193	BH40051AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
41193	BH40053AE	10	10	FT	4-METHYL-2-PENTANONE	108-10-1	13	13	ug/Kg	U	V
41293	BH40198AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
41593	BH40216AE	7	8	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
41693	BH40219AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	14	14	ug/Kg	U	V
41693	BH40221AE	10	10	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
41693	BH40223AE	17	17	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
41993	BH40066AE	10	10	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
42093	BH40104AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
42193	BH40437AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
42193	BH40090AE	10	10	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
42293	BH40255AE	7	8	FT	4-METHYL-2-PENTANONE	108-10-1	10	10	ug/Kg	U	J
42293	BH40257AE	11	11	FT	4-METHYL-2-PENTANONE	108-10-1	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	10	10	ug/Kg	U	V
42393	BH40265AE	10	10	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
42493	BH40289AE	10	10	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
42593	BH40294AE	10	10	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
42993	BH40142AE	9	10	FT	4-METHYL-2-PENTANONE	108-10-1	13	13	ug/Kg	U	V
43193	BH40308AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	10	10	ug/Kg	U	V
43393	BH40331AE	9	9	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
43493	BH40323AE	10	10	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
43693	BH40342AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
43693	BH40344AE	9	10	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
43693	BH40347AE	13	13	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
43793	BH40336AE	9	9	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
43793	BH40339AE	14	14	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
43893	BH40072AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
43893	BH40076AE	9	9	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
43893	BH40074AE	12	13	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
43893	BH40077AE	15	15	FT	4-METHYL-2-PENTANONE	108-10-1	61	61	ug/Kg	U	V
43993	BH40360AE	16	17	FT	4-METHYL-2-PENTANONE	108-10-1	13	13	ug/Kg	U	V
44093	BH40350AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
44093	BH40352AE	14	15	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
44393	BH40037AE	10	10	FT	4-METHYL-2-PENTANONE	108-10-1	13	13	ug/Kg	U	V
44593	BH40004AE	10	10	FT	4-METHYL-2-PENTANONE	108-10-1	10	11	ug/Kg	U	V
44593	BH40006AE	14	14	FT	4-METHYL-2-PENTANONE	108-10-1	10	13	ug/Kg	U	V
44893	BH40189AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
45693	BH40373AE	9	9	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
45893	BH40381AE	9	10	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
46193	BH40387AE	8	8	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
46593	BH40704AE	6	7	FT	4-METHYL-2-PENTANONE	108-10-1	10	11	ug/Kg	U	V
46593	BH40712AE	10	10	FT	4-METHYL-2-PENTANONE	108-10-1	10	12	ug/Kg	U	V
46693	BH40719AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	10	11	ug/Kg	U	J

528

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CASNO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46693	BH40727AE	14	15	FT	4-METHYL-2-PENTANONE	108-10-1	10	12	ug/Kg	U	V
46793	BH40733AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	10	12	ug/Kg	U	V
46793	BH40741AE	8	8	FT	4-METHYL-2-PENTANONE	108-10-1	10	12	ug/Kg	U	V
46893	BH40747AE	6	6	FT	4-METHYL-2-PENTANONE	108-10-1	10	11	ug/Kg	U	V
46893	BH40750AE	10	10	FT	4-METHYL-2-PENTANONE	108-10-1	10	11	ug/Kg	U	V
46893	BH40755AE	12	12	FT	4-METHYL-2-PENTANONE	108-10-1	10	12	ug/Kg	U	V
46993	BH40769AE	7	7	FT	4-METHYL-2-PENTANONE	108-10-1	10	13	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	4-METHYL-2-PENTANONE	108-10-1	13	13	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	4-METHYL-2-PENTANONE	108-10-1	13	13	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
42193	BH40086AE	10	16	FT	4-METHYLPHENOL	106-44-5	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	4-METHYLPHENOL	106-44-5	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	4-METHYLPHENOL	106-44-5	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	4-METHYLPHENOL	106-44-5	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	4-METHYLPHENOL	106-44-5	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	4-METHYLPHENOL	106-44-5	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	4-METHYLPHENOL	106-44-5	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	4-METHYLPHENOL	106-44-5	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	4-METHYLPHENOL	106-44-5	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	4-METHYLPHENOL	106-44-5	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	4-METHYLPHENOL	106-44-5	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	4-METHYLPHENOL	106-44-5	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	4-METHYLPHENOL	106-44-5	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	4-METHYLPHENOL	106-44-5	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	4-NITROANILINE	100-01-6	2000	2000	ug/Kg	U	V
42193	BH40091AE	16	22	FT	4-NITROANILINE	100-01-6	2100	2100	ug/Kg	U	V
42193	BH40430AE	22	28	FT	4-NITROANILINE	100-01-6	2000	2000	ug/Kg	U	V
42193	BH40433AE	28	31	FT	4-NITROANILINE	100-01-6	2000	2000	ug/Kg	U	V
42293	BH40256AE	6	11	FT	4-NITROANILINE	100-01-6	2000	2000	ug/Kg	U	J
42293	BH40258AE	11	13	FT	4-NITROANILINE	100-01-6	2000	2000	ug/Kg	U	V
42593	BH40450AE	8	10	FT	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	V
42593	BH40290AE	10	17	FT	4-NITROANILINE	100-01-6	1900	1900	ug/Kg	U	J
43393	BH40324AE	8	13	FT	4-NITROANILINE	100-01-6	2000	2000	ug/Kg	U	V
46593	BH40713AE	11	16	FT	4-NITROANILINE	100-01-6	1600	1900	ug/Kg	U	V
46693	BH40728AE	9	15	FT	4-NITROANILINE	100-01-6	1600	1900	ug/Kg	U	V
46793	BH40742AE	8	15	FT	4-NITROANILINE	100-01-6	1600	1900	ug/Kg	U	V
46893	BH40807AE	6	12	FT	4-NITROANILINE	100-01-6	1600	1700	ug/Kg	U	V
46993	BH40770AE	7	13	FT	4-NITROANILINE	100-01-6	1600	1900	ug/Kg	U	V
42193	BH40086AE	10	16	FT	4-NITROPHENOL	100-02-7	2000	2000	ug/Kg	U	V
42193	BH40091AE	16	22	FT	4-NITROPHENOL	100-02-7	2100	2100	ug/Kg	U	V
42193	BH40430AE	22	28	FT	4-NITROPHENOL	100-02-7	2000	2000	ug/Kg	U	V
42193	BH40433AE	28	31	FT	4-NITROPHENOL	100-02-7	2000	2000	ug/Kg	U	V
42293	BH40256AE	6	11	FT	4-NITROPHENOL	100-02-7	2000	2000	ug/Kg	U	J
42293	BH40258AE	11	13	FT	4-NITROPHENOL	100-02-7	2000	2000	ug/Kg	U	V
42593	BH40450AE	8	10	FT	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	V
42593	BH40290AE	10	17	FT	4-NITROPHENOL	100-02-7	1900	1900	ug/Kg	U	J
43393	BH40324AE	8	13	FT	4-NITROPHENOL	100-02-7	2000	2000	ug/Kg	U	V
46593	BH40713AE	11	16	FT	4-NITROPHENOL	100-02-7	1600	1900	ug/Kg	U	V
46693	BH40728AE	9	15	FT	4-NITROPHENOL	100-02-7	1600	1900	ug/Kg	U	V
46793	BH40742AE	8	15	FT	4-NITROPHENOL	100-02-7	1600	1900	ug/Kg	U	V
46893	BH40807AE	6	12	FT	4-NITROPHENOL	100-02-7	1600	1700	ug/Kg	U	V
46993	BH40770AE	7	13	FT	4-NITROPHENOL	100-02-7	1600	1900	ug/Kg	U	V
42193	BH40086AE	10	16	FT	ACENAPHTHYLENE	208-96-8	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	ACENAPHTHYLENE	208-96-8	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	ACENAPHTHYLENE	208-96-8	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	ACENAPHTHYLENE	208-96-8	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	ACENAPHTHYLENE	208-96-8	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	ACENAPHTHYLENE	208-96-8	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	ACENAPHTHYLENE	208-96-8	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	ACENAPHTHYLENE	208-96-8	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	ACENAPHTHYLENE	208-96-8	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	ACENAPHTHYLENE	208-96-8	330	390	ug/Kg	U	V

529

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46693	BH40728AE	9	15	FT	ACENAPHTHYLENE	208-96-8	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	ACENAPHTHYLENE	208-96-8	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	ACENAPHTHYLENE	208-96-8	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	ACENAPHTHYLENE	208-96-8	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	ACENAPTHENE	83-32-9	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	ACENAPTHENE	83-32-9	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	ACENAPTHENE	83-32-9	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	ACENAPTHENE	83-32-9	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	ACENAPTHENE	83-32-9	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	ACENAPTHENE	83-32-9	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	ACENAPTHENE	83-32-9	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	ACENAPTHENE	83-32-9	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	ACENAPTHENE	83-32-9	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	ACENAPTHENE	83-32-9	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	ACENAPTHENE	83-32-9	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	ACENAPTHENE	83-32-9	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	ACENAPTHENE	83-32-9	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	ACENAPTHENE	83-32-9	330	390	ug/Kg	U	V
05193	BH00070AE	10	10	FT	ACETONE	67-64-1	12	11	ug/Kg	J	A
40393	BH40125AE	6	6	FT	ACETONE	67-64-1	12	14	ug/Kg		V
40393	BH40125AE	6	6	FT	ACETONE	67-64-1	12	14	ug/Kg		V
40793	BH40161AE	10	10	FT	ACETONE	67-64-1	12	13	ug/Kg	U	J
40893	BH40029AE	7	7	FT	ACETONE	67-64-1	10	16	ug/Kg	U	J
40993	BH40205AE	9	10	FT	ACETONE	67-64-1	11	13	ug/Kg		V
40993	BH40208AE	31	31	FT	ACETONE	67-64-1	12	15	ug/Kg		V
41193	BH40051AE	6	6	FT	ACETONE	67-64-1	11	13	ug/Kg		V
41193	BH40053AE	10	10	FT	ACETONE	67-64-1	13	17	ug/Kg		V
41293	BH40198AE	6	6	FT	ACETONE	67-64-1	12	12	ug/Kg	U	J
41593	BH40216AE	7	8	FT	ACETONE	67-64-1	12	12	ug/Kg	U	V
41693	BH40219AE	6	6	FT	ACETONE	67-64-1	14	29	ug/Kg	U	J
41693	BH40221AE	10	10	FT	ACETONE	67-64-1	11	32	ug/Kg	U	J
41693	BH40223AE	17	17	FT	ACETONE	67-64-1	12	38	ug/Kg	U	J
42093	BH40104AE	6	6	FT	ACETONE	67-64-1	12	35	ug/Kg		V
42193	BH40437AE	6	6	FT	ACETONE	67-64-1	11	11	ug/Kg	U	V
42193	BH40090AE	10	10	FT	ACETONE	67-64-1	12	12	ug/Kg	U	V
42293	BH40255AE	7	8	FT	ACETONE	67-64-1	10	51	ug/Kg		J
42293	BH40257AE	11	11	FT	ACETONE	67-64-1	12	42	ug/Kg		J
42393	BH40263AE	6	6	FT	ACETONE	67-64-1	10	43	ug/Kg		J
42393	BH40265AE	10	10	FT	ACETONE	67-64-1	12	12	ug/Kg	U	V
42493	BH40289AE	10	10	FT	ACETONE	67-64-1	12	31	ug/Kg	U	J
42593	BH40294AE	10	10	FT	ACETONE	67-64-1	12	120	ug/Kg	B	V
42993	BH40147AE	14	14	FT	ACETONE	67-64-1	12	12	ug/Kg	U	V
43193	BH40308AE	6	6	FT	ACETONE	67-64-1	10	10	ug/Kg	U	J
43393	BH40331AE	9	9	FT	ACETONE	67-64-1	12	12	ug/Kg	U	V
43493	BH40323AE	10	10	FT	ACETONE	67-64-1	11	84	ug/Kg		V
43693	BH40342AE	6	6	FT	ACETONE	67-64-1	11	11	ug/Kg	U	V
43693	BH40344AE	9	10	FT	ACETONE	67-64-1	11	11	ug/Kg	U	V
43693	BH40347AE	13	13	FT	ACETONE	67-64-1	12	28	ug/Kg		V
43793	BH40336AE	9	9	FT	ACETONE	67-64-1	11	11	ug/Kg	U	J
43793	BH40339AE	14	14	FT	ACETONE	67-64-1	12	12	ug/Kg	U	J
43893	BH40072AE	6	6	FT	ACETONE	67-64-1	11	17	ug/Kg	U	J
43893	BH40076AE	9	9	FT	ACETONE	67-64-1	11	11	ug/Kg	U	V
43893	BH40074AE	12	13	FT	ACETONE	67-64-1	11	15	ug/Kg	U	J
43893	BH40077AE	15	15	FT	ACETONE	67-64-1	61	61	ug/Kg	U	J
43993	BH40360AE	16	17	FT	ACETONE	67-64-1	13	16	ug/Kg	U	J
44093	BH40350AE	6	6	FT	ACETONE	67-64-1	11	11	ug/Kg	B	V
44093	BH40352AE	14	15	FT	ACETONE	67-64-1	12	15	ug/Kg		V
44393	BH40037AE	10	10	FT	ACETONE	67-64-1	13	11	ug/Kg	J	A
44593	BH40004AE	10	10	FT	ACETONE	67-64-1	10	40	ug/Kg	U	J
44593	BH40006AE	14	14	FT	ACETONE	67-64-1	10	38	ug/Kg	U	J
44893	BH40192AE	7	7	FT	ACETONE	67-64-1	13	13	ug/Kg	U	V
44893	BH40195AE	12	12	FT	ACETONE	67-64-1	11	11	ug/Kg	U	V
44893	BH40194AE	16	16	FT	ACETONE	67-64-1	12	12	ug/Kg	U	V
45693	BH40373AE	9	9	FT	ACETONE	67-64-1	12	12	ug/Kg	U	V
45893	BH40381AE	9	10	FT	ACETONE	67-64-1	11	11	ug/Kg	U	V
46193	BH40387AE	8	8	FT	ACETONE	67-64-1	12	23	ug/Kg	U	J
46693	BH40719AE	6	6	FT	ACETONE	67-64-1	10	35	ug/Kg		J
46693	BH40727AE	14	15	FT	ACETONE	67-64-1	10	17	ug/Kg		J
46893	BH40747AE	6	6	FT	ACETONE	67-64-1	10	46	ug/Kg		J
46893	BH40750AE	10	10	FT	ACETONE	67-64-1	10	40	ug/Kg		J
P208989	SEP1789BR0810	9	11	FT	ACETONE	67-64-1	12	14	ug/Kg		V
P208989	SEP1789BR1214	13	15	FT	ACETONE	67-64-1	12	12	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	ACETONE	67-64-1	12	15	ug/Kg		V
P209189	SEP1989BR0810	8	10	FT	ACETONE	67-64-1	11	23	ug/Kg	B	A
P209189	SEP1989BR1214	12	14	FT	ACETONE	67-64-1	12	24	ug/Kg	B	A

530

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209189	SEP1989BR1618	16	18	FT	ACETONE	67-64-1	12	31	ug/Kg	B	A
P209189	SEP1989BR2021	20	21	FT	ACETONE	67-64-1	12	12	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	ACETONE	67-64-1	12	12	ug/Kg	B	A
P209489	SEP2289BR1618	16	18	FT	ACETONE	67-64-1	12	4	ug/Kg	J	A
P209889	SEP2689BR0810	8	10	FT	ACETONE	67-64-1	13	13	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	ACETONE	67-64-1	13	13	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	ACETONE	67-64-1	1200	990	ug/Kg	JB	A
P210189	SEP3089BR2022	21	23	FT	ACETONE	67-64-1	1400	2700	ug/Kg	B	A
P210189	SEP3089BR2426	25	27	FT	ACETONE	67-64-1	1500	1700	ug/Kg	B	A
P210289	SEP3189BR0810	8	10	FT	ACETONE	67-64-1	12	12	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	ACETONE	67-64-1	12	6	ug/Kg	J	A
P210289	SEP3189BR1618	16	18	FT	ACETONE	67-64-1	12	6	ug/Kg	J	A
42193	BH40086AE	10	16	FT	ALDRIN	309-00-2	9.8	9.8	ug/Kg	U	V
42193	BH40091AE	16	22	FT	ALDRIN	309-00-2	9.9	9.9	ug/Kg	U	V
42193	BH40430AE	22	28	FT	ALDRIN	309-00-2	9.6	9.6	ug/Kg	U	V
42193	BH40433AE	28	31	FT	ALDRIN	309-00-2	9.6	9.6	ug/Kg	U	V
42293	BH40256AE	6	11	FT	ALDRIN	309-00-2	9.7	9.7	ug/Kg	U	V
42293	BH40258AE	11	13	FT	ALDRIN	309-00-2	9.7	9.7	ug/Kg	U	V
42593	BH40450AE	8	10	FT	ALDRIN	309-00-2	9.2	9.2	ug/Kg	U	V
42593	BH40290AE	10	17	FT	ALDRIN	309-00-2	9.3	9.3	ug/Kg	U	J
43393	BH40324AE	8	13	FT	ALDRIN	309-00-2	9.4	9.4	ug/Kg	U	V
46593	BH40713AE	11	16	FT	ALDRIN	309-00-2	8	9.5	ug/Kg	U	V
46693	BH40728AE	9	15	FT	ALDRIN	309-00-2	8	9.5	ug/Kg	U	V
46793	BH40742AE	8	15	FT	ALDRIN	309-00-2	8	9.6	ug/Kg	U	V
46893	BH40807AE	6	12	FT	ALDRIN	309-00-2	8	8.5	ug/Kg	U	V
46993	BH40770AE	7	13	FT	ALDRIN	309-00-2	8	9.5	ug/Kg	U	V
42193	BH40086AE	10	16	FT	ALPHA-BHC	319-84-6	9.8	9.8	ug/Kg	U	V
42193	BH40091AE	16	22	FT	ALPHA-BHC	319-84-6	9.9	9.9	ug/Kg	U	V
42193	BH40430AE	22	28	FT	ALPHA-BHC	319-84-6	9.6	9.6	ug/Kg	U	V
42193	BH40433AE	28	31	FT	ALPHA-BHC	319-84-6	9.6	9.6	ug/Kg	U	V
42293	BH40256AE	6	11	FT	ALPHA-BHC	319-84-6	9.7	9.7	ug/Kg	U	V
42293	BH40258AE	11	13	FT	ALPHA-BHC	319-84-6	9.7	9.7	ug/Kg	U	V
42593	BH40450AE	8	10	FT	ALPHA-BHC	319-84-6	9.2	9.2	ug/Kg	U	V
42593	BH40290AE	10	17	FT	ALPHA-BHC	319-84-6	9.3	9.3	ug/Kg	U	J
43393	BH40324AE	8	13	FT	ALPHA-BHC	319-84-6	9.4	9.4	ug/Kg	U	V
46593	BH40713AE	11	16	FT	ALPHA-BHC	319-84-6	8	9.5	ug/Kg	U	V
46693	BH40728AE	9	15	FT	ALPHA-BHC	319-84-6	8	9.5	ug/Kg	U	V
46793	BH40742AE	8	15	FT	ALPHA-BHC	319-84-6	8	9.6	ug/Kg	U	V
46893	BH40807AE	6	12	FT	ALPHA-BHC	319-84-6	8	8.5	ug/Kg	U	V
46993	BH40770AE	7	13	FT	ALPHA-BHC	319-84-6	8	9.5	ug/Kg	U	V
42193	BH40086AE	10	16	FT	ALPHA-CHLORDANE	5103-71-9	98	98	ug/Kg	U	V
42193	BH40091AE	16	22	FT	ALPHA-CHLORDANE	5103-71-9	99	99	ug/Kg	U	V
42193	BH40430AE	22	28	FT	ALPHA-CHLORDANE	5103-71-9	96	96	ug/Kg	U	V
42193	BH40433AE	28	31	FT	ALPHA-CHLORDANE	5103-71-9	96	96	ug/Kg	U	V
42293	BH40256AE	6	11	FT	ALPHA-CHLORDANE	5103-71-9	97	97	ug/Kg	U	V
42293	BH40258AE	11	13	FT	ALPHA-CHLORDANE	5103-71-9	97	97	ug/Kg	U	V
42593	BH40450AE	8	10	FT	ALPHA-CHLORDANE	5103-71-9	92	92	ug/Kg	U	V
42593	BH40290AE	10	17	FT	ALPHA-CHLORDANE	5103-71-9	93	93	ug/Kg	U	J
43393	BH40324AE	8	13	FT	ALPHA-CHLORDANE	5103-71-9	94	94	ug/Kg	U	V
46593	BH40713AE	11	16	FT	ALPHA-CHLORDANE	5103-71-9	80	95	ug/Kg	U	V
46693	BH40728AE	9	15	FT	ALPHA-CHLORDANE	5103-71-9	80	95	ug/Kg	U	V
46793	BH40742AE	8	15	FT	ALPHA-CHLORDANE	5103-71-9	80	96	ug/Kg	U	V
46893	BH40807AE	6	12	FT	ALPHA-CHLORDANE	5103-71-9	80	85	ug/Kg	U	V
46993	BH40770AE	7	13	FT	ALPHA-CHLORDANE	5103-71-9	80	95	ug/Kg	U	V
42193	BH40086AE	10	16	FT	ANTHRACENE	120-12-7	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	ANTHRACENE	120-12-7	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	ANTHRACENE	120-12-7	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	ANTHRACENE	120-12-7	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	ANTHRACENE	120-12-7	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	ANTHRACENE	120-12-7	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	ANTHRACENE	120-12-7	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	ANTHRACENE	120-12-7	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	ANTHRACENE	120-12-7	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	ANTHRACENE	120-12-7	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	ANTHRACENE	120-12-7	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	ANTHRACENE	120-12-7	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	ANTHRACENE	120-12-7	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	ANTHRACENE	120-12-7	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	AROCLOR-1016	12674-11-2	98	98	ug/Kg	U	V
42193	BH40091AE	16	22	FT	AROCLOR-1016	12674-11-2	99	99	ug/Kg	U	V
42193	BH40430AE	22	28	FT	AROCLOR-1016	12674-11-2	96	96	ug/Kg	U	V
42193	BH40433AE	28	31	FT	AROCLOR-1016	12674-11-2	96	96	ug/Kg	U	V
42293	BH40256AE	6	11	FT	AROCLOR-1016	12674-11-2	97	97	ug/Kg	U	V
42293	BH40258AE	11	13	FT	AROCLOR-1016	12674-11-2	97	97	ug/Kg	U	V
42593	BH40450AE	8	10	FT	AROCLOR-1016	12674-11-2	92	92	ug/Kg	U	V

531

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42593	BH40290AE	10	17	FT	AROCLOR-1016	12674-11-2	93	93	ug/Kg	U	J
43393	BH40324AE	8	13	FT	AROCLOR-1016	12674-11-2	94	94	ug/Kg	U	V
46593	BH40713AE	11	16	FT	AROCLOR-1016	12674-11-2	80	95	ug/Kg	U	V
46693	BH40728AE	9	15	FT	AROCLOR-1016	12674-11-2	80	95	ug/Kg	U	V
46793	BH40742AE	8	15	FT	AROCLOR-1016	12674-11-2	80	96	ug/Kg	U	V
46893	BH40807AE	6	12	FT	AROCLOR-1016	12674-11-2	80	85	ug/Kg	U	V
46993	BH40770AE	7	13	FT	AROCLOR-1016	12674-11-2	80	95	ug/Kg	U	V
42193	BH40086AE	10	16	FT	AROCLOR-1221	11104-28-2	98	98	ug/Kg	U	V
42193	BH40091AE	16	22	FT	AROCLOR-1221	11104-28-2	99	99	ug/Kg	U	V
42193	BH40430AE	22	28	FT	AROCLOR-1221	11104-28-2	96	96	ug/Kg	U	V
42193	BH40433AE	28	31	FT	AROCLOR-1221	11104-28-2	96	96	ug/Kg	U	V
42293	BH40256AE	6	11	FT	AROCLOR-1221	11104-28-2	97	97	ug/Kg	U	V
42293	BH40258AE	11	13	FT	AROCLOR-1221	11104-28-2	97	97	ug/Kg	U	V
42593	BH40450AE	8	10	FT	AROCLOR-1221	11104-28-2	92	92	ug/Kg	U	V
42593	BH40290AE	10	17	FT	AROCLOR-1221	11104-28-2	93	93	ug/Kg	U	J
43393	BH40324AE	8	13	FT	AROCLOR-1221	11104-28-2	94	94	ug/Kg	U	V
46593	BH40713AE	11	16	FT	AROCLOR-1221	11104-28-2	80	95	ug/Kg	U	V
46693	BH40728AE	9	15	FT	AROCLOR-1221	11104-28-2	80	95	ug/Kg	U	V
46793	BH40742AE	8	15	FT	AROCLOR-1221	11104-28-2	80	96	ug/Kg	U	V
46893	BH40807AE	6	12	FT	AROCLOR-1221	11104-28-2	80	85	ug/Kg	U	V
46993	BH40770AE	7	13	FT	AROCLOR-1221	11104-28-2	80	95	ug/Kg	U	V
42193	BH40086AE	10	16	FT	AROCLOR-1232	11141-16-5	98	98	ug/Kg	U	V
42193	BH40091AE	16	22	FT	AROCLOR-1232	11141-16-5	99	99	ug/Kg	U	V
42193	BH40430AE	22	28	FT	AROCLOR-1232	11141-16-5	96	96	ug/Kg	U	V
42193	BH40433AE	28	31	FT	AROCLOR-1232	11141-16-5	96	96	ug/Kg	U	V
42293	BH40256AE	6	11	FT	AROCLOR-1232	11141-16-5	97	97	ug/Kg	U	V
42293	BH40258AE	11	13	FT	AROCLOR-1232	11141-16-5	97	97	ug/Kg	U	V
42593	BH40450AE	8	10	FT	AROCLOR-1232	11141-16-5	92	92	ug/Kg	U	V
42593	BH40290AE	10	17	FT	AROCLOR-1232	11141-16-5	93	93	ug/Kg	U	J
43393	BH40324AE	8	13	FT	AROCLOR-1232	11141-16-5	94	94	ug/Kg	U	V
46593	BH40713AE	11	16	FT	AROCLOR-1232	11141-16-5	80	95	ug/Kg	U	V
46693	BH40728AE	9	15	FT	AROCLOR-1232	11141-16-5	80	95	ug/Kg	U	V
46793	BH40742AE	8	15	FT	AROCLOR-1232	11141-16-5	80	96	ug/Kg	U	V
46893	BH40807AE	6	12	FT	AROCLOR-1232	11141-16-5	80	85	ug/Kg	U	V
46993	BH40770AE	7	13	FT	AROCLOR-1232	11141-16-5	80	95	ug/Kg	U	V
42193	BH40086AE	10	16	FT	AROCLOR-1242	53469-21-9	98	98	ug/Kg	U	V
42193	BH40091AE	16	22	FT	AROCLOR-1242	53469-21-9	99	99	ug/Kg	U	V
42193	BH40430AE	22	28	FT	AROCLOR-1242	53469-21-9	96	96	ug/Kg	U	V
42193	BH40433AE	28	31	FT	AROCLOR-1242	53469-21-9	96	96	ug/Kg	U	V
42293	BH40256AE	6	11	FT	AROCLOR-1242	53469-21-9	97	97	ug/Kg	U	V
42293	BH40258AE	11	13	FT	AROCLOR-1242	53469-21-9	97	97	ug/Kg	U	V
42593	BH40450AE	8	10	FT	AROCLOR-1242	53469-21-9	92	92	ug/Kg	U	V
42593	BH40290AE	10	17	FT	AROCLOR-1242	53469-21-9	93	93	ug/Kg	U	J
43393	BH40324AE	8	13	FT	AROCLOR-1242	53469-21-9	94	94	ug/Kg	U	V
46593	BH40713AE	11	16	FT	AROCLOR-1242	53469-21-9	80	95	ug/Kg	U	V
46693	BH40728AE	9	15	FT	AROCLOR-1242	53469-21-9	80	95	ug/Kg	U	V
46793	BH40742AE	8	15	FT	AROCLOR-1242	53469-21-9	80	96	ug/Kg	U	V
46893	BH40807AE	6	12	FT	AROCLOR-1242	53469-21-9	80	85	ug/Kg	U	V
46993	BH40770AE	7	13	FT	AROCLOR-1242	53469-21-9	80	95	ug/Kg	U	V
42193	BH40086AE	10	16	FT	AROCLOR-1248	12672-29-6	98	98	ug/Kg	U	V
42193	BH40091AE	16	22	FT	AROCLOR-1248	12672-29-6	99	99	ug/Kg	U	V
42193	BH40430AE	22	28	FT	AROCLOR-1248	12672-29-6	96	96	ug/Kg	U	V
42193	BH40433AE	28	31	FT	AROCLOR-1248	12672-29-6	96	96	ug/Kg	U	V
42293	BH40256AE	6	11	FT	AROCLOR-1248	12672-29-6	97	97	ug/Kg	U	V
42293	BH40258AE	11	13	FT	AROCLOR-1248	12672-29-6	97	97	ug/Kg	U	V
42593	BH40450AE	8	10	FT	AROCLOR-1248	12672-29-6	92	92	ug/Kg	U	V
42593	BH40290AE	10	17	FT	AROCLOR-1248	12672-29-6	93	93	ug/Kg	U	J
43393	BH40324AE	8	13	FT	AROCLOR-1248	12672-29-6	94	94	ug/Kg	U	V
46593	BH40713AE	11	16	FT	AROCLOR-1248	12672-29-6	80	95	ug/Kg	U	V
46693	BH40728AE	9	15	FT	AROCLOR-1248	12672-29-6	80	95	ug/Kg	U	V
46793	BH40742AE	8	15	FT	AROCLOR-1248	12672-29-6	80	96	ug/Kg	U	V
46893	BH40807AE	6	12	FT	AROCLOR-1248	12672-29-6	80	85	ug/Kg	U	V
46993	BH40770AE	7	13	FT	AROCLOR-1248	12672-29-6	80	95	ug/Kg	U	V
42193	BH40086AE	10	16	FT	AROCLOR-1254	11097-69-1	200	200	ug/Kg	U	V
42193	BH40091AE	16	22	FT	AROCLOR-1254	11097-69-1	200	200	ug/Kg	U	V
42193	BH40430AE	22	28	FT	AROCLOR-1254	11097-69-1	190	190	ug/Kg	U	V
42193	BH40433AE	28	31	FT	AROCLOR-1254	11097-69-1	190	190	ug/Kg	U	V
42293	BH40256AE	6	11	FT	AROCLOR-1254	11097-69-1	190	190	ug/Kg	U	V
42293	BH40258AE	11	13	FT	AROCLOR-1254	11097-69-1	190	190	ug/Kg	U	V
42593	BH40450AE	8	10	FT	AROCLOR-1254	11097-69-1	180	180	ug/Kg	U	V
42593	BH40290AE	10	17	FT	AROCLOR-1254	11097-69-1	190	190	ug/Kg	U	J
43393	BH40324AE	8	13	FT	AROCLOR-1254	11097-69-1	190	190	ug/Kg	U	V
46593	BH40713AE	11	16	FT	AROCLOR-1254	11097-69-1	160	190	ug/Kg	U	V
46693	BH40728AE	9	15	FT	AROCLOR-1254	11097-69-1	160	190	ug/Kg	U	V
46793	BH40742AE	8	15	FT	AROCLOR-1254	11097-69-1	160	190	ug/Kg	U	V

532

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46893	BH40807AE	6	12	FT	AROCLOR-1254	11097-69-1	160	170	ug/Kg	U	V
46993	BH40770AE	7	13	FT	AROCLOR-1254	11097-69-1	160	190	ug/Kg	U	V
42193	BH40086AE	10	16	FT	AROCLOR-1260	11096-82-5	200	200	ug/Kg	U	V
42193	BH40091AE	16	22	FT	AROCLOR-1260	11096-82-5	200	200	ug/Kg	U	V
42193	BH40430AE	22	28	FT	AROCLOR-1260	11096-82-5	190	190	ug/Kg	U	V
42193	BH40433AE	28	31	FT	AROCLOR-1260	11096-82-5	190	190	ug/Kg	U	V
42293	BH40256AE	6	11	FT	AROCLOR-1260	11096-82-5	190	190	ug/Kg	U	V
42293	BH40258AE	11	13	FT	AROCLOR-1260	11096-82-5	190	190	ug/Kg	U	V
42593	BH40450AE	8	10	FT	AROCLOR-1260	11096-82-5	180	180	ug/Kg	U	V
42593	BH40290AE	10	17	FT	AROCLOR-1260	11096-82-5	190	190	ug/Kg	U	J
43393	BH40324AE	8	13	FT	AROCLOR-1260	11096-82-5	190	190	ug/Kg	U	V
46593	BH40713AE	11	16	FT	AROCLOR-1260	11096-82-5	160	190	ug/Kg	U	V
46693	BH40728AE	9	15	FT	AROCLOR-1260	11096-82-5	160	190	ug/Kg	U	V
46793	BH40742AE	8	15	FT	AROCLOR-1260	11096-82-5	160	190	ug/Kg	U	V
46893	BH40807AE	6	12	FT	AROCLOR-1260	11096-82-5	160	170	ug/Kg	U	V
46993	BH40770AE	7	13	FT	AROCLOR-1260	11096-82-5	160	190	ug/Kg	U	V
05093	BH00065AE	10	10	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	BENZENE	71-43-2	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	BENZENE	71-43-2	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	BENZENE	71-43-2	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	BENZENE	71-43-2	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	BENZENE	71-43-2	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	BENZENE	71-43-2	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	BENZENE	71-43-2	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	BENZENE	71-43-2	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	BENZENE	71-43-2	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	BENZENE	71-43-2	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	BENZENE	71-43-2	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	BENZENE	71-43-2	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	BENZENE	71-43-2	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	BENZENE	71-43-2	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	BENZENE	71-43-2	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	BENZENE	71-43-2	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	BENZENE	71-43-2	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	BENZENE	71-43-2	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	BENZENE	71-43-2	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	BENZENE	71-43-2	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V

533

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CASNO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46593	BH40704AE	6	7	FT	BENZENE	71-43-2	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	BENZENE	71-43-2	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	BENZENE	71-43-2	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	BENZENE	71-43-2	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	BENZENE	71-43-2	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	BENZENE	71-43-2	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	BENZENE	71-43-2	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	BENZENE	71-43-2	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	BENZENE	71-43-2	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	BENZENE	71-43-2	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	BENZENE	71-43-2	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	BENZENE	71-43-2	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	BENZENE	71-43-2	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	BENZENE	71-43-2	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	BENZENE	71-43-2	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	BENZENE	71-43-2	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	BENZENE	71-43-2	6	6	ug/Kg	U	V
42193	BH40086AE	10	16	FT	BENZO(A)ANTHRACENE	56-55-3	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	BENZO(A)ANTHRACENE	56-55-3	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	BENZO(A)ANTHRACENE	56-55-3	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	BENZO(A)ANTHRACENE	56-55-3	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BENZO(A)ANTHRACENE	56-55-3	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	BENZO(A)ANTHRACENE	56-55-3	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	BENZO(A)ANTHRACENE	56-55-3	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	BENZO(A)ANTHRACENE	56-55-3	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	BENZO(A)ANTHRACENE	56-55-3	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BENZO(A)ANTHRACENE	56-55-3	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	BENZO(A)ANTHRACENE	56-55-3	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BENZO(A)ANTHRACENE	56-55-3	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BENZO(A)ANTHRACENE	56-55-3	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BENZO(A)ANTHRACENE	56-55-3	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	BENZO(A)PYRENE	50-32-8	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	BENZO(A)PYRENE	50-32-8	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	BENZO(A)PYRENE	50-32-8	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	BENZO(A)PYRENE	50-32-8	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BENZO(A)PYRENE	50-32-8	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	BENZO(A)PYRENE	50-32-8	400	400	ug/Kg	U	J
42593	BH40450AE	8	10	FT	BENZO(A)PYRENE	50-32-8	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	BENZO(A)PYRENE	50-32-8	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	BENZO(A)PYRENE	50-32-8	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BENZO(A)PYRENE	50-32-8	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	BENZO(A)PYRENE	50-32-8	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BENZO(A)PYRENE	50-32-8	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BENZO(A)PYRENE	50-32-8	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BENZO(A)PYRENE	50-32-8	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	BENZO(B)FLUORANTHENE	205-99-2	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	BENZO(B)FLUORANTHENE	205-99-2	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	BENZO(B)FLUORANTHENE	205-99-2	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	BENZO(B)FLUORANTHENE	205-99-2	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BENZO(B)FLUORANTHENE	205-99-2	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	BENZO(B)FLUORANTHENE	205-99-2	400	400	ug/Kg	U	J
42593	BH40450AE	8	10	FT	BENZO(B)FLUORANTHENE	205-99-2	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	BENZO(B)FLUORANTHENE	205-99-2	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	BENZO(B)FLUORANTHENE	205-99-2	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BENZO(B)FLUORANTHENE	205-99-2	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	BENZO(B)FLUORANTHENE	205-99-2	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BENZO(B)FLUORANTHENE	205-99-2	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BENZO(B)FLUORANTHENE	205-99-2	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BENZO(B)FLUORANTHENE	205-99-2	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	BENZO(GHI)PERYLENE	191-24-2	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	BENZO(GHI)PERYLENE	191-24-2	410	410	ug/Kg	U	V

534

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CASN	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42193	BH40430AE	22	28	FT	BENZO(GHI)PERYLENE	191-24-2	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	BENZO(GHI)PERYLENE	191-24-2	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BENZO(GHI)PERYLENE	191-24-2	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	BENZO(GHI)PERYLENE	191-24-2	400	400	ug/Kg	U	J
42593	BH40450AE	8	10	FT	BENZO(GHI)PERYLENE	191-24-2	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	BENZO(GHI)PERYLENE	191-24-2	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	BENZO(GHI)PERYLENE	191-24-2	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BENZO(GHI)PERYLENE	191-24-2	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	BENZO(GHI)PERYLENE	191-24-2	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BENZO(GHI)PERYLENE	191-24-2	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BENZO(GHI)PERYLENE	191-24-2	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BENZO(GHI)PERYLENE	191-24-2	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	BENZO(K)FLUORANTHENE	207-08-9	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	BENZO(K)FLUORANTHENE	207-08-9	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	BENZO(K)FLUORANTHENE	207-08-9	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	BENZO(K)FLUORANTHENE	207-08-9	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BENZO(K)FLUORANTHENE	207-08-9	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	BENZO(K)FLUORANTHENE	207-08-9	400	400	ug/Kg	U	J
42593	BH40450AE	8	10	FT	BENZO(K)FLUORANTHENE	207-08-9	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	BENZO(K)FLUORANTHENE	207-08-9	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	BENZO(K)FLUORANTHENE	207-08-9	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BENZO(K)FLUORANTHENE	207-08-9	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	BENZO(K)FLUORANTHENE	207-08-9	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BENZO(K)FLUORANTHENE	207-08-9	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BENZO(K)FLUORANTHENE	207-08-9	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BENZO(K)FLUORANTHENE	207-08-9	330	390	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BENZOIC ACID	65-85-0	2000	2000	ug/Kg	U	J
42293	BH40258AE	11	13	FT	BENZOIC ACID	65-85-0	2000	2000	ug/Kg	U	V
43393	BH40324AE	8	13	FT	BENZOIC ACID	65-85-0	2000	2000	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BENZOIC ACID	65-85-0	1600	1900	ug/Kg	U	V
46693	BH40728AE	9	15	FT	BENZOIC ACID	65-85-0	1600	1900	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BENZOIC ACID	65-85-0	1600	1900	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BENZOIC ACID	65-85-0	1600	1700	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BENZOIC ACID	65-85-0	1600	1900	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BENZYL ALCOHOL	100-51-6	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	BENZYL ALCOHOL	100-51-6	400	400	ug/Kg	U	V
43393	BH40324AE	8	13	FT	BENZYL ALCOHOL	100-51-6	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BENZYL ALCOHOL	100-51-6	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BENZYL ALCOHOL	100-51-6	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BENZYL ALCOHOL	100-51-6	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	BETA-BHC	319-85-7	9.8	9.8	ug/Kg	U	V
42193	BH40091AE	16	22	FT	BETA-BHC	319-85-7	9.9	9.9	ug/Kg	U	V
42193	BH40430AE	22	28	FT	BETA-BHC	319-85-7	9.6	9.6	ug/Kg	U	V
42193	BH40433AE	28	31	FT	BETA-BHC	319-85-7	9.6	9.6	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BETA-BHC	319-85-7	9.7	9.7	ug/Kg	U	V
42293	BH40258AE	11	13	FT	BETA-BHC	319-85-7	9.7	9.7	ug/Kg	U	V
42593	BH40450AE	8	10	FT	BETA-BHC	319-85-7	9.2	9.2	ug/Kg	U	V
42593	BH40290AE	10	17	FT	BETA-BHC	319-85-7	9.3	9.3	ug/Kg	U	J
43393	BH40324AE	8	13	FT	BETA-BHC	319-85-7	9.4	9.4	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BETA-BHC	319-85-7	8	9.5	ug/Kg	U	V
46693	BH40728AE	9	15	FT	BETA-BHC	319-85-7	8	9.5	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BETA-BHC	319-85-7	8	9.6	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BETA-BHC	319-85-7	8	8.5	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BETA-BHC	319-85-7	8	9.5	ug/Kg	U	V
42193	BH40086AE	10	16	FT	BETA-CHLORDANE	5103-74-2	98	98	ug/Kg	U	V
42193	BH40086AE	10	16	FT	BETA-CHLORDANE	5103-74-2	98	98	ug/Kg	U	V
42193	BH40086AE	10	16	FT	BETA-CHLORDANE	5103-74-2	98	98	ug/Kg	U	V
42193	BH40086AE	10	16	FT	BETA-CHLORDANE	5103-74-2	98	98	ug/Kg	U	V
42193	BH40091AE	16	22	FT	BETA-CHLORDANE	5103-74-2	99	99	ug/Kg	U	V
42193	BH40091AE	16	22	FT	BETA-CHLORDANE	5103-74-2	99	99	ug/Kg	U	V
42193	BH40091AE	16	22	FT	BETA-CHLORDANE	5103-74-2	99	99	ug/Kg	U	V
42193	BH40091AE	16	22	FT	BETA-CHLORDANE	5103-74-2	99	99	ug/Kg	U	V
42193	BH40430AE	22	28	FT	BETA-CHLORDANE	5103-74-2	96	96	ug/Kg	U	V
42193	BH40430AE	22	28	FT	BETA-CHLORDANE	5103-74-2	96	96	ug/Kg	U	V
42193	BH40430AE	22	28	FT	BETA-CHLORDANE	5103-74-2	96	96	ug/Kg	U	V
42193	BH40430AE	22	28	FT	BETA-CHLORDANE	5103-74-2	96	96	ug/Kg	U	V
42193	BH40433AE	28	31	FT	BETA-CHLORDANE	5103-74-2	96	96	ug/Kg	U	V
42193	BH40433AE	28	31	FT	BETA-CHLORDANE	5103-74-2	96	96	ug/Kg	U	V
42193	BH40433AE	28	31	FT	BETA-CHLORDANE	5103-74-2	96	96	ug/Kg	U	V
42193	BH40433AE	28	31	FT	BETA-CHLORDANE	5103-74-2	96	96	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BETA-CHLORDANE	5103-74-2	97	97	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BETA-CHLORDANE	5103-74-2	97	97	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BETA-CHLORDANE	5103-74-2	97	97	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BETA-CHLORDANE	5103-74-2	97	97	ug/Kg	U	V
42293	BH40258AE	11	13	FT	BETA-CHLORDANE	5103-74-2	97	97	ug/Kg	U	V

535

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	AGENT	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42293	BH40258AE	11	13	FT	BETA-CHLORDANE	5103-74-2	97	97	ug/Kg	U	V
42293	BH40258AE	11	13	FT	BETA-CHLORDANE	5103-74-2	97	97	ug/Kg	U	V
42293	BH40258AE	11	13	FT	BETA-CHLORDANE	5103-74-2	97	97	ug/Kg	U	V
42593	BH40450AE	8	10	FT	BETA-CHLORDANE	5103-74-2	92	92	ug/Kg	U	V
42593	BH40450AE	8	10	FT	BETA-CHLORDANE	5103-74-2	92	92	ug/Kg	U	V
42593	BH40450AE	8	10	FT	BETA-CHLORDANE	5103-74-2	92	92	ug/Kg	U	V
42593	BH40450AE	8	10	FT	BETA-CHLORDANE	5103-74-2	92	92	ug/Kg	U	V
42593	BH40290AE	10	17	FT	BETA-CHLORDANE	5103-74-2	93	93	ug/Kg	U	J
42593	BH40290AE	10	17	FT	BETA-CHLORDANE	5103-74-2	93	93	ug/Kg	U	J
42593	BH40290AE	10	17	FT	BETA-CHLORDANE	5103-74-2	93	93	ug/Kg	U	J
42593	BH40290AE	10	17	FT	BETA-CHLORDANE	5103-74-2	93	93	ug/Kg	U	J
43393	BH40324AE	8	13	FT	BETA-CHLORDANE	5103-74-2	94	94	ug/Kg	U	V
43393	BH40324AE	8	13	FT	BETA-CHLORDANE	5103-74-2	94	94	ug/Kg	U	V
43393	BH40324AE	8	13	FT	BETA-CHLORDANE	5103-74-2	94	94	ug/Kg	U	V
43393	BH40324AE	8	13	FT	BETA-CHLORDANE	5103-74-2	94	94	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BETA-CHLORDANE	5103-74-2	80	95	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BETA-CHLORDANE	5103-74-2	80	95	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BETA-CHLORDANE	5103-74-2	80	95	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BETA-CHLORDANE	5103-74-2	80	95	ug/Kg	U	V
46693	BH40728AE	9	15	FT	BETA-CHLORDANE	5103-74-2	80	95	ug/Kg	U	V
46693	BH40728AE	9	15	FT	BETA-CHLORDANE	5103-74-2	80	95	ug/Kg	U	V
46693	BH40728AE	9	15	FT	BETA-CHLORDANE	5103-74-2	80	95	ug/Kg	U	V
46693	BH40728AE	9	15	FT	BETA-CHLORDANE	5103-74-2	80	95	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BETA-CHLORDANE	5103-74-2	80	96	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BETA-CHLORDANE	5103-74-2	80	96	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BETA-CHLORDANE	5103-74-2	80	96	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BETA-CHLORDANE	5103-74-2	80	96	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BETA-CHLORDANE	5103-74-2	80	85	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BETA-CHLORDANE	5103-74-2	80	85	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BETA-CHLORDANE	5103-74-2	80	85	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BETA-CHLORDANE	5103-74-2	80	85	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BETA-CHLORDANE	5103-74-2	80	95	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BETA-CHLORDANE	5103-74-2	80	95	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BETA-CHLORDANE	5103-74-2	80	95	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BETA-CHLORDANE	5103-74-2	80	95	ug/Kg	U	V
42193	BH40086AE	10	16	FT	BIS(2-CHLORETHYL)ETHER	111-44-4	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	BIS(2-CHLORETHYL)ETHER	111-44-4	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	BIS(2-CHLORETHYL)ETHER	111-44-4	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	BIS(2-CHLORETHYL)ETHER	111-44-4	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BIS(2-CHLORETHYL)ETHER	111-44-4	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	BIS(2-CHLORETHYL)ETHER	111-44-4	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	BIS(2-CHLORETHYL)ETHER	111-44-4	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	BIS(2-CHLORETHYL)ETHER	111-44-4	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	BIS(2-CHLORETHYL)ETHER	111-44-4	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BIS(2-CHLORETHYL)ETHER	111-44-4	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	BIS(2-CHLORETHYL)ETHER	111-44-4	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BIS(2-CHLORETHYL)ETHER	111-44-4	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BIS(2-CHLORETHYL)ETHER	111-44-4	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BIS(2-CHLORETHYL)ETHER	111-44-4	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	BIS(2-CHLOROETHOXY)METHANE	111-91-1	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	BIS(2-CHLOROETHOXY)METHANE	111-91-1	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	BIS(2-CHLOROETHOXY)METHANE	111-91-1	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	BIS(2-CHLOROETHOXY)METHANE	111-91-1	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BIS(2-CHLOROETHOXY)METHANE	111-91-1	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	BIS(2-CHLOROETHOXY)METHANE	111-91-1	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	BIS(2-CHLOROETHOXY)METHANE	111-91-1	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	BIS(2-CHLOROETHOXY)METHANE	111-91-1	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	BIS(2-CHLOROETHOXY)METHANE	111-91-1	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BIS(2-CHLOROETHOXY)METHANE	111-91-1	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	390	ug/Kg	U	V

536

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION ID CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	EVALUATION QUALIFIER
46893	BH40807AE	6	12	FT	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	330	390	ug/Kg	U	V
42193	BH40088AE	10	16	FT	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	400	400	ug/Kg	U	J
42293	BH40256AE	6	11	FT	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	46	ug/Kg	J	A
46693	BH40728AE	9	15	FT	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	330	390	ug/Kg	U	V
05093	BH00065AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	BROMODICHLOROMETHANE	75-27-4	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	BROMODICHLOROMETHANE	75-27-4	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	BROMODICHLOROMETHANE	75-27-4	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	BROMODICHLOROMETHANE	75-27-4	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	BROMODICHLOROMETHANE	75-27-4	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V

537

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46593	BH40704AE	6	7	FT	BROMODICHLOROMETHANE	75-27-4	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	BROMODICHLOROMETHANE	75-27-4	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	BROMODICHLOROMETHANE	75-27-4	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	BROMODICHLOROMETHANE	75-27-4	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	BROMODICHLOROMETHANE	75-27-4	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	BROMODICHLOROMETHANE	75-27-4	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	BROMODICHLOROMETHANE	75-27-4	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	BROMODICHLOROMETHANE	75-27-4	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	BROMODICHLOROMETHANE	75-27-4	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	BROMODICHLOROMETHANE	75-27-4	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	BROMODICHLOROMETHANE	75-27-4	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
05093	BH00065AE	10	10	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	BROMOFORM	75-25-2	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	BROMOFORM	75-25-2	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	BROMOFORM	75-25-2	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	BROMOFORM	75-25-2	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	BROMOFORM	75-25-2	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	BROMOFORM	75-25-2	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V

538

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43893	BH40074AE	12	13	FT	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	BROMOFORM	75-25-2	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	BROMOFORM	75-25-2	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	BROMOFORM	75-25-2	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	BROMOFORM	75-25-2	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	BROMOFORM	75-25-2	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	BROMOFORM	75-25-2	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	BROMOFORM	75-25-2	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	BROMOFORM	75-25-2	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	BROMOFORM	75-25-2	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	BROMOFORM	75-25-2	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	BROMOFORM	75-25-2	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	BROMOFORM	75-25-2	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	BROMOFORM	75-25-2	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	BROMOFORM	75-25-2	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	BROMOFORM	75-25-2	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	BROMOFORM	75-25-2	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	BROMOFORM	75-25-2	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	BROMOFORM	75-25-2	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	BROMOFORM	75-25-2	740	740	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	BROMOFORM	75-25-2	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
05393	BH00080AE	8	9	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
40093	BH40171AE	10	10	FT	BROMOMETHANE	74-83-9	61	61	ug/Kg	U	V
40293	BH40120AE	6	6	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
40293	BH40120AE	6	6	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
40393	BH40125AE	6	6	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
40393	BH40125AE	6	6	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
40793	BH40161AE	10	10	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
40893	BH40029AE	7	7	FT	BROMOMETHANE	74-83-9	10	12	ug/Kg	U	V
40993	BH40205AE	9	10	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
40993	BH40208AE	31	31	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
41193	BH40051AE	6	6	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
41193	BH40053AE	10	10	FT	BROMOMETHANE	74-83-9	13	13	ug/Kg	U	V
41293	BH40198AE	6	6	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
41593	BH40216AE	7	8	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
41693	BH40219AE	6	6	FT	BROMOMETHANE	74-83-9	14	14	ug/Kg	U	V
41693	BH40221AE	10	10	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
41693	BH40223AE	17	17	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
41993	BH40066AE	10	10	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
42093	BH40104AE	6	6	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
42193	BH40437AE	6	6	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
42193	BH40090AE	10	10	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
42293	BH40255AE	7	8	FT	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	J
42293	BH40257AE	11	11	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	J
42393	BH40263AE	6	6	FT	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	V
42393	BH40265AE	10	10	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
42493	BH40289AE	10	10	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
42593	BH40294AE	10	10	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
42993	BH40142AE	9	10	FT	BROMOMETHANE	74-83-9	13	13	ug/Kg	U	V
42993	BH40147AE	14	14	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V

539

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43193	BH40308AE	8	6	FT	BROMOMETHANE	74-83-9	10	10	ug/Kg	U	V
43393	BH40331AE	9	9	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
43493	BH40323AE	10	10	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
43693	BH40342AE	6	6	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
43693	BH40344AE	9	10	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
43693	BH40347AE	13	13	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
43793	BH40336AE	9	9	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
43793	BH40339AE	14	14	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
43893	BH40072AE	6	6	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
43893	BH40076AE	9	9	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
43893	BH40074AE	12	13	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
43893	BH40077AE	15	15	FT	BROMOMETHANE	74-83-9	61	61	ug/Kg	U	V
43993	BH40360AE	16	17	FT	BROMOMETHANE	74-83-9	13	13	ug/Kg	U	V
44093	BH40350AE	6	6	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
44093	BH40352AE	14	15	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
44393	BH40037AE	10	10	FT	BROMOMETHANE	74-83-9	13	13	ug/Kg	U	V
44593	BH40004AE	10	10	FT	BROMOMETHANE	74-83-9	10	11	ug/Kg	U	V
44593	BH40006AE	14	14	FT	BROMOMETHANE	74-83-9	10	13	ug/Kg	U	V
44893	BH40189AE	6	6	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
44893	BH40192AE	7	7	FT	BROMOMETHANE	74-83-9	13	13	ug/Kg	U	V
44893	BH40195AE	12	12	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
44893	BH40194AE	16	16	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
45693	BH40373AE	9	9	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
45893	BH40381AE	9	10	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
46193	BH40387AE	8	8	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
46593	BH40704AE	6	7	FT	BROMOMETHANE	74-83-9	10	11	ug/Kg	U	V
46593	BH40712AE	10	10	FT	BROMOMETHANE	74-83-9	10	12	ug/Kg	U	V
46693	BH40719AE	6	6	FT	BROMOMETHANE	74-83-9	10	11	ug/Kg	U	J
46693	BH40727AE	14	15	FT	BROMOMETHANE	74-83-9	10	12	ug/Kg	U	V
46793	BH40733AE	6	6	FT	BROMOMETHANE	74-83-9	10	12	ug/Kg	U	V
46793	BH40741AE	8	8	FT	BROMOMETHANE	74-83-9	10	12	ug/Kg	U	V
46893	BH40747AE	6	6	FT	BROMOMETHANE	74-83-9	10	11	ug/Kg	U	V
46893	BH40750AE	10	10	FT	BROMOMETHANE	74-83-9	10	11	ug/Kg	U	V
46893	BH40755AE	12	12	FT	BROMOMETHANE	74-83-9	10	12	ug/Kg	U	V
46993	BH40769AE	7	7	FT	BROMOMETHANE	74-83-9	10	13	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	BROMOMETHANE	74-83-9	11	11	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	BROMOMETHANE	74-83-9	13	13	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	BROMOMETHANE	74-83-9	13	13	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	BROMOMETHANE	74-83-9	1400	1400	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	BROMOMETHANE	74-83-9	1200	1200	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	BROMOMETHANE	74-83-9	1400	1400	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	BROMOMETHANE	74-83-9	1400	1400	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	BROMOMETHANE	74-83-9	1500	1500	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
42193	BH40086AE	10	16	FT	BUTYL BENZYLPHTHALATE	85-68-7	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	BUTYL BENZYLPHTHALATE	85-68-7	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	BUTYL BENZYLPHTHALATE	85-68-7	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	BUTYL BENZYLPHTHALATE	85-68-7	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	BUTYL BENZYLPHTHALATE	85-68-7	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	BUTYL BENZYLPHTHALATE	85-68-7	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	BUTYL BENZYLPHTHALATE	85-68-7	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	BUTYL BENZYLPHTHALATE	85-68-7	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	BUTYL BENZYLPHTHALATE	85-68-7	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	BUTYL BENZYLPHTHALATE	85-68-7	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	BUTYL BENZYLPHTHALATE	85-68-7	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	BUTYL BENZYLPHTHALATE	85-68-7	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	BUTYL BENZYLPHTHALATE	85-68-7	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	BUTYL BENZYLPHTHALATE	85-68-7	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	CARBAZOLE	86-74-8	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	CARBAZOLE	86-74-8	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	CARBAZOLE	86-74-8	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	CARBAZOLE	86-74-8	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	CARBAZOLE	86-74-8	380	380	ug/Kg	U	V

54D

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42593	BH40290AE	10	17	FT	CARBAZOLE	86-74-8	390	390	ug/Kg	U	J
05093	BH00065AE	10	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	CARBON DISULFIDE	75-15-0	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	CARBON DISULFIDE	75-15-0	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	CARBON DISULFIDE	75-15-0	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	CARBON DISULFIDE	75-15-0	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	CARBON DISULFIDE	75-15-0	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	CARBON DISULFIDE	75-15-0	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	CARBON DISULFIDE	75-15-0	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	CARBON DISULFIDE	75-15-0	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	CARBON DISULFIDE	75-15-0	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	CARBON DISULFIDE	75-15-0	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	CARBON DISULFIDE	75-15-0	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	CARBON DISULFIDE	75-15-0	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	CARBON DISULFIDE	75-15-0	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	CARBON DISULFIDE	75-15-0	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	CARBON DISULFIDE	75-15-0	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	CARBON DISULFIDE	75-15-0	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	CARBON DISULFIDE	75-15-0	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	CARBON DISULFIDE	75-15-0	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	CARBON DISULFIDE	75-15-0	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V

541

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209189	SEP1989BR1618	16	18	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	CARBON DISULFIDE	75-15-0	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	CARBON DISULFIDE	75-15-0	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	CARBON DISULFIDE	75-15-0	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	CARBON DISULFIDE	75-15-0	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	CARBON DISULFIDE	75-15-0	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
05093	BH00065AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	CARBON TETRACHLORIDE	56-23-5	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	CARBON TETRACHLORIDE	56-23-5	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	CARBON TETRACHLORIDE	56-23-5	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	CARBON TETRACHLORIDE	56-23-5	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	CARBON TETRACHLORIDE	56-23-5	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V

542

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46593	BH40704AE	6	7	FT	CARBON TETRACHLORIDE	56-23-5	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	CARBON TETRACHLORIDE	56-23-5	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	CARBON TETRACHLORIDE	56-23-5	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	CARBON TETRACHLORIDE	56-23-5	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	CARBON TETRACHLORIDE	56-23-5	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	CARBON TETRACHLORIDE	56-23-5	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	CARBON TETRACHLORIDE	56-23-5	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	CARBON TETRACHLORIDE	56-23-5	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	CARBON TETRACHLORIDE	56-23-5	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	CARBON TETRACHLORIDE	56-23-5	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	CARBON TETRACHLORIDE	56-23-5	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
05093	BH00065AE	10	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	CHLOROBENZENE	108-90-7	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	CHLOROBENZENE	108-90-7	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	CHLOROBENZENE	108-90-7	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	CHLOROBENZENE	108-90-7	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	CHLOROBENZENE	108-90-7	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V

543

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43893	BH40074AE	12	13	FT	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	CHLOROBENZENE	108-90-7	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	CHLOROBENZENE	108-90-7	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	CHLOROBENZENE	108-90-7	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	CHLOROBENZENE	108-90-7	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	CHLOROBENZENE	108-90-7	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	CHLOROBENZENE	108-90-7	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	CHLOROBENZENE	108-90-7	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	CHLOROBENZENE	108-90-7	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	CHLOROBENZENE	108-90-7	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	CHLOROBENZENE	108-90-7	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	CHLOROBENZENE	108-90-7	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	CHLOROBENZENE	108-90-7	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	CHLOROBENZENE	108-90-7	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	CHLOROBENZENE	108-90-7	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	CHLOROBENZENE	108-90-7	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	CHLOROBENZENE	108-90-7	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	CHLOROBENZENE	108-90-7	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	CHLOROBENZENE	108-90-7	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	CHLOROBENZENE	108-90-7	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
05093	BH00065AE	10	10	FT	CHLOROETHANE	75-00-3	13	13	ug/Kg	U	V
05193	BH00068AE	6	6	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
05193	BH00070AE	10	10	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
05193	BH00085AE	14	14	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
05393	BH00078AE	6	6	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
05393	BH00080AE	8	9	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
40093	BH40171AE	10	10	FT	CHLOROETHANE	75-00-3	61	61	ug/Kg	U	V
40293	BH40120AE	6	6	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
40293	BH40120AE	6	6	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
40393	BH40125AE	6	6	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
40393	BH40125AE	6	6	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
40793	BH40161AE	10	10	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
40893	BH40029AE	7	7	FT	CHLOROETHANE	75-00-3	10	12	ug/Kg	U	V
40993	BH40205AE	9	10	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
40993	BH40208AE	31	31	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
41193	BH40051AE	6	6	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
41193	BH40053AE	10	10	FT	CHLOROETHANE	75-00-3	13	13	ug/Kg	U	V
41293	BH40198AE	6	6	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
41593	BH40216AE	7	8	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
41693	BH40219AE	6	6	FT	CHLOROETHANE	75-00-3	14	14	ug/Kg	U	V
41693	BH40221AE	10	10	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
41693	BH40223AE	17	17	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
41993	BH40066AE	10	10	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
42093	BH40104AE	6	6	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
42193	BH40437AE	6	6	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
42193	BH40090AE	10	10	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
42293	BH40255AE	7	8	FT	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	J
42293	BH40257AE	11	11	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	J
42993	BH40263AE	6	6	FT	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	V

544

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CASNO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42393	BH40265AE	10	10	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
42493	BH40289AE	10	10	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
42593	BH40294AE	10	10	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
42993	BH40142AE	9	10	FT	CHLOROETHANE	75-00-3	13	13	ug/Kg	U	V
42993	BH40147AE	14	14	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
43193	BH40308AE	6	6	FT	CHLOROETHANE	75-00-3	10	10	ug/Kg	U	V
43393	BH40331AE	9	9	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
43493	BH40323AE	10	10	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
43693	BH40342AE	6	6	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
43693	BH40344AE	9	10	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
43693	BH40347AE	13	13	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
43793	BH40336AE	9	9	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
43793	BH40339AE	14	14	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
43893	BH40072AE	6	6	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
43893	BH40076AE	9	9	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
43893	BH40074AE	12	13	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
43893	BH40077AE	15	15	FT	CHLOROETHANE	75-00-3	61	61	ug/Kg	U	V
43993	BH40360AE	16	17	FT	CHLOROETHANE	75-00-3	13	13	ug/Kg	U	V
44093	BH40350AE	6	6	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
44093	BH40352AE	14	15	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
44393	BH40037AE	10	10	FT	CHLOROETHANE	75-00-3	13	13	ug/Kg	U	V
44593	BH40004AE	10	10	FT	CHLOROETHANE	75-00-3	10	11	ug/Kg	U	V
44593	BH40006AE	14	14	FT	CHLOROETHANE	75-00-3	10	13	ug/Kg	U	V
44893	BH40189AE	6	6	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
44893	BH40192AE	7	7	FT	CHLOROETHANE	75-00-3	13	13	ug/Kg	U	V
44893	BH40195AE	12	12	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
44893	BH40194AE	16	16	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
45693	BH40373AE	9	9	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
45893	BH40381AE	9	10	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
46193	BH40387AE	8	8	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
46593	BH40704AE	6	7	FT	CHLOROETHANE	75-00-3	10	11	ug/Kg	U	V
46593	BH40712AE	10	10	FT	CHLOROETHANE	75-00-3	10	12	ug/Kg	U	V
46693	BH40719AE	6	6	FT	CHLOROETHANE	75-00-3	10	11	ug/Kg	U	J
46693	BH40727AE	14	15	FT	CHLOROETHANE	75-00-3	10	12	ug/Kg	U	V
46793	BH40733AE	6	6	FT	CHLOROETHANE	75-00-3	10	12	ug/Kg	U	V
46793	BH40741AE	8	8	FT	CHLOROETHANE	75-00-3	10	12	ug/Kg	U	V
46893	BH40747AE	6	6	FT	CHLOROETHANE	75-00-3	10	11	ug/Kg	U	V
46893	BH40750AE	10	10	FT	CHLOROETHANE	75-00-3	10	11	ug/Kg	U	V
46893	BH40755AE	12	12	FT	CHLOROETHANE	75-00-3	10	12	ug/Kg	U	V
46993	BH40769AE	7	7	FT	CHLOROETHANE	75-00-3	10	13	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	CHLOROETHANE	75-00-3	11	11	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	CHLOROETHANE	75-00-3	13	13	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	CHLOROETHANE	75-00-3	13	13	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	CHLOROETHANE	75-00-3	1400	1400	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	CHLOROETHANE	75-00-3	1200	1200	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	CHLOROETHANE	75-00-3	1400	1400	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	CHLOROETHANE	75-00-3	1400	1400	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	CHLOROETHANE	75-00-3	1500	1500	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
05093	BH00065AE	10	10	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	CHLOROFORM	67-66-3	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	CHLOROFORM	67-66-3	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V

545

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
40993	BH40208AE	31	31	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	CHLOROFORM	67-66-3	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	CHLOROFORM	67-66-3	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	CHLOROFORM	67-66-3	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	CHLOROFORM	67-66-3	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	CHLOROFORM	67-66-3	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	CHLOROFORM	67-66-3	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	CHLOROFORM	67-66-3	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	CHLOROFORM	67-66-3	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	CHLOROFORM	67-66-3	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	CHLOROFORM	67-66-3	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	CHLOROFORM	67-66-3	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	CHLOROFORM	67-66-3	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	CHLOROFORM	67-66-3	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	CHLOROFORM	67-66-3	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	CHLOROFORM	67-66-3	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	CHLOROFORM	67-66-3	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	CHLOROFORM	67-66-3	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	CHLOROFORM	67-66-3	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	CHLOROFORM	67-66-3	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	CHLOROFORM	67-66-3	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	CHLOROFORM	67-66-3	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	CHLOROFORM	67-66-3	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	CHLOROFORM	67-66-3	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V

546

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P210289	SEP3189BR1618	16	18	FT	CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
05093	BH00065AE	10	10	FT	CHLOROMETHANE	74-87-3	13	13	ug/Kg	U	V
05193	BH00068AE	6	6	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
05193	BH00070AE	10	10	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
05193	BH00085AE	14	14	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
05393	BH00078AE	6	6	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
05393	BH00080AE	8	9	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
40093	BH40171AE	10	10	FT	CHLOROMETHANE	74-87-3	61	61	ug/Kg	U	V
40293	BH40120AE	6	6	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
40293	BH40120AE	6	6	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
40393	BH40125AE	6	6	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
40393	BH40125AE	6	6	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
40793	BH40161AE	10	10	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
40893	BH40029AE	7	7	FT	CHLOROMETHANE	74-87-3	10	12	ug/Kg	U	V
40993	BH40205AE	9	10	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
40993	BH40208AE	31	31	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
41193	BH40051AE	6	6	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
41193	BH40053AE	10	10	FT	CHLOROMETHANE	74-87-3	13	13	ug/Kg	U	V
41293	BH40198AE	6	6	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
41593	BH40216AE	7	8	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
41693	BH40219AE	6	6	FT	CHLOROMETHANE	74-87-3	14	14	ug/Kg	U	V
41693	BH40221AE	10	10	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
41693	BH40223AE	17	17	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
41993	BH40066AE	10	10	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
42093	BH40104AE	6	6	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
42193	BH40437AE	6	6	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
42193	BH40090AE	10	10	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
42293	BH40255AE	7	8	FT	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	J
42293	BH40257AE	11	11	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	J
42393	BH40263AE	6	6	FT	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	V
42393	BH40265AE	10	10	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
42493	BH40289AE	10	10	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
42593	BH40294AE	10	10	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
42993	BH40142AE	9	10	FT	CHLOROMETHANE	74-87-3	13	13	ug/Kg	U	V
42993	BH40147AE	14	14	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
43193	BH40308AE	6	6	FT	CHLOROMETHANE	74-87-3	10	10	ug/Kg	U	V
43393	BH40331AE	9	9	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
43493	BH40323AE	10	10	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
43693	BH40342AE	6	6	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
43693	BH40344AE	9	10	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
43693	BH40347AE	13	13	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
43793	BH40336AE	9	9	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
43793	BH40339AE	14	14	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
43893	BH40072AE	6	6	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
43893	BH40076AE	9	9	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
43893	BH40074AE	12	13	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
43893	BH40077AE	15	15	FT	CHLOROMETHANE	74-87-3	61	61	ug/Kg	U	V
43993	BH40360AE	16	17	FT	CHLOROMETHANE	74-87-3	13	13	ug/Kg	U	V
44093	BH40350AE	6	6	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
44093	BH40352AE	14	15	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
44593	BH40004AE	10	10	FT	CHLOROMETHANE	74-87-3	10	11	ug/Kg	U	V
44593	BH40006AE	14	14	FT	CHLOROMETHANE	74-87-3	10	13	ug/Kg	U	V
44893	BH40189AE	6	6	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
44893	BH40192AE	7	7	FT	CHLOROMETHANE	74-87-3	13	13	ug/Kg	U	V
44893	BH40195AE	12	12	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
44893	BH40194AE	16	16	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
45693	BH40373AE	9	9	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
45893	BH40381AE	9	10	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
46193	BH40387AE	8	8	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
46593	BH40704AE	6	7	FT	CHLOROMETHANE	74-87-3	10	11	ug/Kg	U	V
46593	BH40712AE	10	10	FT	CHLOROMETHANE	74-87-3	10	12	ug/Kg	U	V
46693	BH40719AE	6	6	FT	CHLOROMETHANE	74-87-3	10	11	ug/Kg	U	J
46693	BH40727AE	14	15	FT	CHLOROMETHANE	74-87-3	10	12	ug/Kg	U	V
46793	BH40733AE	6	6	FT	CHLOROMETHANE	74-87-3	10	12	ug/Kg	U	V
46793	BH40741AE	8	8	FT	CHLOROMETHANE	74-87-3	10	12	ug/Kg	U	V
46893	BH40747AE	6	6	FT	CHLOROMETHANE	74-87-3	10	11	ug/Kg	U	V
46893	BH40750AE	10	10	FT	CHLOROMETHANE	74-87-3	10	11	ug/Kg	U	V
46893	BH40755AE	12	12	FT	CHLOROMETHANE	74-87-3	10	12	ug/Kg	U	V
46993	BH40769AE	7	7	FT	CHLOROMETHANE	74-87-3	10	13	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V

547

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CASNO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209189	SEP1989BR2021	20	21	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	CHLOROMETHANE	74-87-3	11	11	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	CHLOROMETHANE	74-87-3	13	13	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	CHLOROMETHANE	74-87-3	13	13	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	CHLOROMETHANE	74-87-3	1400	1400	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	CHLOROMETHANE	74-87-3	1200	1200	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	CHLOROMETHANE	74-87-3	1400	1400	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	CHLOROMETHANE	74-87-3	1400	1400	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	CHLOROMETHANE	74-87-3	1500	1500	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
42193	BH40086AE	10	16	FT	CHRYSENE	218-01-9	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	CHRYSENE	218-01-9	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	CHRYSENE	218-01-9	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	CHRYSENE	218-01-9	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	CHRYSENE	218-01-9	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	CHRYSENE	218-01-9	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	CHRYSENE	218-01-9	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	CHRYSENE	218-01-9	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	CHRYSENE	218-01-9	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	CHRYSENE	218-01-9	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	CHRYSENE	218-01-9	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	CHRYSENE	218-01-9	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	CHRYSENE	218-01-9	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	CHRYSENE	218-01-9	330	390	ug/Kg	U	V
05093	BH00065AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
[illegible]093	BH40171AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	30	30	ug/Kg	U	V
[illegible]293	BH40120AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
41693	BH40216AE	7	8	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
[illegible]3893	BH40076AE	9	9	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
[illegible]893	BH40074AE	12	13	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
[illegible]3893	BH40077AE	15	15	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	31	31	ug/Kg	U	V

548

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43993	BH40360AE	16	17	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
42193	BH40086AE	10	16	FT	DELTA-BHC	319-86-8	9.8	9.8	ug/Kg	U	V
42193	BH40091AE	16	22	FT	DELTA-BHC	319-86-8	9.9	9.9	ug/Kg	U	V
42193	BH40430AE	22	28	FT	DELTA-BHC	319-86-8	9.6	9.6	ug/Kg	U	V
42193	BH40433AE	28	31	FT	DELTA-BHC	319-86-8	9.6	9.6	ug/Kg	U	V
42293	BH40256AE	6	11	FT	DELTA-BHC	319-86-8	9.7	9.7	ug/Kg	U	V
42293	BH40258AE	11	13	FT	DELTA-BHC	319-86-8	9.7	9.7	ug/Kg	U	V
42593	BH40450AE	8	10	FT	DELTA-BHC	319-86-8	9.2	9.2	ug/Kg	U	V
42593	BH40290AE	10	17	FT	DELTA-BHC	319-86-8	9.3	9.3	ug/Kg	U	J
43393	BH40324AE	8	13	FT	DELTA-BHC	319-86-8	9.4	9.4	ug/Kg	U	V
46593	BH40713AE	11	16	FT	DELTA-BHC	319-86-8	8	9.5	ug/Kg	U	V
46693	BH40728AE	9	15	FT	DELTA-BHC	319-86-8	8	9.5	ug/Kg	U	V
46793	BH40742AE	8	15	FT	DELTA-BHC	319-86-8	8	9.6	ug/Kg	U	V
46893	BH40807AE	6	12	FT	DELTA-BHC	319-86-8	8	8.5	ug/Kg	U	V
46993	BH40770AE	7	13	FT	DELTA-BHC	319-86-8	8	9.5	ug/Kg	U	V
42193	BH40086AE	10	16	FT	DIBENZ(A,H)ANTHRACENE	53-70-3	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	DIBENZ(A,H)ANTHRACENE	53-70-3	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	DIBENZ(A,H)ANTHRACENE	53-70-3	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	DIBENZ(A,H)ANTHRACENE	53-70-3	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	DIBENZ(A,H)ANTHRACENE	53-70-3	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	DIBENZ(A,H)ANTHRACENE	53-70-3	400	400	ug/Kg	U	J
42593	BH40450AE	8	10	FT	DIBENZ(A,H)ANTHRACENE	53-70-3	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	DIBENZ(A,H)ANTHRACENE	53-70-3	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	DIBENZ(A,H)ANTHRACENE	53-70-3	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	DIBENZ(A,H)ANTHRACENE	53-70-3	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	DIBENZ(A,H)ANTHRACENE	53-70-3	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	DIBENZ(A,H)ANTHRACENE	53-70-3	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	DIBENZ(A,H)ANTHRACENE	53-70-3	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	DIBENZ(A,H)ANTHRACENE	53-70-3	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	DIBENZOFURAN	132-64-9	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	DIBENZOFURAN	132-64-9	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	DIBENZOFURAN	132-64-9	400	400	ug/Kg	U	V

549

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42193	BH40433AE	28	31	FT	DIBENZOFURAN	132-64-9	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	DIBENZOFURAN	132-64-9	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	DIBENZOFURAN	132-64-9	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	DIBENZOFURAN	132-64-9	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	DIBENZOFURAN	132-64-9	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	DIBENZOFURAN	132-64-9	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	DIBENZOFURAN	132-64-9	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	DIBENZOFURAN	132-64-9	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	DIBENZOFURAN	132-64-9	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	DIBENZOFURAN	132-64-9	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	DIBENZOFURAN	132-64-9	330	390	ug/Kg	U	V
05093	BH00065AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
40793	BH40181AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	DIBROMOCHLOROMETHANE	124-48-1	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	DIBROMOCHLOROMETHANE	124-48-1	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	DIBROMOCHLOROMETHANE	124-48-1	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	DIBROMOCHLOROMETHANE	124-48-1	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	DIBROMOCHLOROMETHANE	124-48-1	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	DIBROMOCHLOROMETHANE	124-48-1	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	DIBROMOCHLOROMETHANE	124-48-1	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	5	6	ug/Kg	U	V

550

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46793	BH40741AE	8	8	FT	DIBROMOCHLOROMETHANE	124-48-1	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	DIBROMOCHLOROMETHANE	124-48-1	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	DIBROMOCHLOROMETHANE	124-48-1	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	DIBROMOCHLOROMETHANE	124-48-1	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	DIBROMOCHLOROMETHANE	124-48-1	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	DIBROMOCHLOROMETHANE	124-48-1	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	DIBROMOCHLOROMETHANE	124-48-1	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	DIBROMOCHLOROMETHANE	124-48-1	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	DIBROMOCHLOROMETHANE	124-48-1	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
42193	BH40086AE	10	16	FT	DIELDRIN	60-57-1	20	20	ug/Kg	U	V
42193	BH40091AE	16	22	FT	DIELDRIN	60-57-1	20	20	ug/Kg	U	V
42193	BH40430AE	22	28	FT	DIELDRIN	60-57-1	19	19	ug/Kg	U	V
42193	BH40433AE	28	31	FT	DIELDRIN	60-57-1	19	19	ug/Kg	U	V
42293	BH40256AE	6	11	FT	DIELDRIN	60-57-1	19	19	ug/Kg	U	V
42293	BH40258AE	11	13	FT	DIELDRIN	60-57-1	19	19	ug/Kg	U	V
42593	BH40450AE	8	10	FT	DIELDRIN	60-57-1	18	18	ug/Kg	U	V
42593	BH40290AE	10	17	FT	DIELDRIN	60-57-1	19	19	ug/Kg	U	J
43393	BH40324AE	8	13	FT	DIELDRIN	60-57-1	19	19	ug/Kg	U	V
46593	BH40713AE	11	16	FT	DIELDRIN	60-57-1	16	19	ug/Kg	U	V
46693	BH40728AE	9	15	FT	DIELDRIN	60-57-1	16	19	ug/Kg	U	V
46793	BH40742AE	8	15	FT	DIELDRIN	60-57-1	16	19	ug/Kg	U	V
46893	BH40807AE	6	12	FT	DIELDRIN	60-57-1	16	17	ug/Kg	U	V
46993	BH40770AE	7	13	FT	DIELDRIN	60-57-1	16	19	ug/Kg	U	V
42193	BH40086AE	10	16	FT	DIETHYL PHTHALATE	84-66-2	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	DIETHYL PHTHALATE	84-66-2	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	DIETHYL PHTHALATE	84-66-2	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	DIETHYL PHTHALATE	84-66-2	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	DIETHYL PHTHALATE	84-66-2	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	DIETHYL PHTHALATE	84-66-2	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	DIETHYL PHTHALATE	84-66-2	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	DIETHYL PHTHALATE	84-66-2	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	DIETHYL PHTHALATE	84-66-2	390	390	ug/Kg	U	J
46593	BH40713AE	11	16	FT	DIETHYL PHTHALATE	84-66-2	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	DIETHYL PHTHALATE	84-66-2	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	DIETHYL PHTHALATE	84-66-2	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	DIETHYL PHTHALATE	84-66-2	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	DIETHYL PHTHALATE	84-66-2	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	DIMETHLY PHTHALATE	131-11-3	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	DIMETHLY PHTHALATE	131-11-3	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	DIMETHLY PHTHALATE	131-11-3	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	DIMETHLY PHTHALATE	131-11-3	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	DIMETHLY PHTHALATE	131-11-3	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	DIMETHLY PHTHALATE	131-11-3	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	DIMETHLY PHTHALATE	131-11-3	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	DIMETHLY PHTHALATE	131-11-3	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	DIMETHLY PHTHALATE	131-11-3	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	DIMETHLY PHTHALATE	131-11-3	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	DIMETHLY PHTHALATE	131-11-3	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	DIMETHLY PHTHALATE	131-11-3	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	DIMETHLY PHTHALATE	131-11-3	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	DIMETHLY PHTHALATE	131-11-3	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	DI-N-BUTYL PHTHALATE	84-74-2	410	410	ug/Kg	U	J
42193	BH40091AE	16	22	FT	DI-N-BUTYL PHTHALATE	84-74-2	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	DI-N-BUTYL PHTHALATE	84-74-2	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	DI-N-BUTYL PHTHALATE	84-74-2	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	DI-N-BUTYL PHTHALATE	84-74-2	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	DI-N-BUTYL PHTHALATE	84-74-2	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	DI-N-BUTYL PHTHALATE	84-74-2	380	380	ug/Kg	U	V

551

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42593	BH40290AE	10	17	FT	DI-N-BUTYL PHTHALATE	84-74-2	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	DI-N-BUTYL PHTHALATE	84-74-2	390	52	ug/Kg	J	A
46593	BH40713AE	11	16	FT	DI-N-BUTYL PHTHALATE	84-74-2	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	DI-N-BUTYL PHTHALATE	84-74-2	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	DI-N-BUTYL PHTHALATE	84-74-2	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	DI-N-BUTYL PHTHALATE	84-74-2	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	DI-N-BUTYL PHTHALATE	84-74-2	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	DI-N-OCTYLPHTHALATE	117-84-0	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	DI-N-OCTYLPHTHALATE	117-84-0	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	DI-N-OCTYLPHTHALATE	117-84-0	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	DI-N-OCTYLPHTHALATE	117-84-0	400	400	ug/Kg	U	J
42293	BH40256AE	6	11	FT	DI-N-OCTYLPHTHALATE	117-84-0	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	DI-N-OCTYLPHTHALATE	117-84-0	400	400	ug/Kg	U	J
42593	BH40450AE	8	10	FT	DI-N-OCTYLPHTHALATE	117-84-0	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	DI-N-OCTYLPHTHALATE	117-84-0	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	DI-N-OCTYLPHTHALATE	117-84-0	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	DI-N-OCTYLPHTHALATE	117-84-0	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	DI-N-OCTYLPHTHALATE	117-84-0	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	DI-N-OCTYLPHTHALATE	117-84-0	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	DI-N-OCTYLPHTHALATE	117-84-0	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	DI-N-OCTYLPHTHALATE	117-84-0	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	ENDOSULFAN I	959-98-8	9.8	9.8	ug/Kg	U	V
42193	BH40091AE	16	22	FT	ENDOSULFAN I	959-98-8	9.9	9.9	ug/Kg	U	V
42193	BH40430AE	22	28	FT	ENDOSULFAN I	959-98-8	9.6	9.6	ug/Kg	U	V
42193	BH40433AE	28	31	FT	ENDOSULFAN I	959-98-8	9.6	9.6	ug/Kg	U	V
42293	BH40256AE	6	11	FT	ENDOSULFAN I	959-98-8	9.7	9.7	ug/Kg	U	V
42293	BH40258AE	11	13	FT	ENDOSULFAN I	959-98-8	9.7	9.7	ug/Kg	U	V
42593	BH40450AE	8	10	FT	ENDOSULFAN I	959-98-8	9.2	9.2	ug/Kg	U	V
42593	BH40290AE	10	17	FT	ENDOSULFAN I	959-98-8	9.3	9.3	ug/Kg	U	J
43393	BH40324AE	8	13	FT	ENDOSULFAN I	959-98-8	9.4	9.4	ug/Kg	U	V
46593	BH40713AE	11	16	FT	ENDOSULFAN I	959-98-8	8	9.5	ug/Kg	U	V
46693	BH40728AE	9	15	FT	ENDOSULFAN I	959-98-8	8	9.5	ug/Kg	U	V
46793	BH40742AE	8	15	FT	ENDOSULFAN I	959-98-8	8	9.6	ug/Kg	U	V
46893	BH40807AE	6	12	FT	ENDOSULFAN I	959-98-8	8	8.5	ug/Kg	U	V
46993	BH40770AE	7	13	FT	ENDOSULFAN I	959-98-8	8	9.5	ug/Kg	U	V
42193	BH40086AE	10	16	FT	ENDOSULFAN II	33213-65-9	20	20	ug/Kg	U	V
42193	BH40091AE	16	22	FT	ENDOSULFAN II	33213-65-9	20	20	ug/Kg	U	V
42193	BH40430AE	22	28	FT	ENDOSULFAN II	33213-65-9	19	19	ug/Kg	U	V
42193	BH40433AE	28	31	FT	ENDOSULFAN II	33213-65-9	19	19	ug/Kg	U	V
42293	BH40256AE	6	11	FT	ENDOSULFAN II	33213-65-9	19	19	ug/Kg	U	V
42293	BH40258AE	11	13	FT	ENDOSULFAN II	33213-65-9	19	19	ug/Kg	U	V
42593	BH40450AE	8	10	FT	ENDOSULFAN II	33213-65-9	18	18	ug/Kg	U	V
42593	BH40290AE	10	17	FT	ENDOSULFAN II	33213-65-9	19	19	ug/Kg	U	J
43393	BH40324AE	8	13	FT	ENDOSULFAN II	33213-65-9	19	19	ug/Kg	U	V
46593	BH40713AE	11	16	FT	ENDOSULFAN II	33213-65-9	16	19	ug/Kg	U	V
46693	BH40728AE	9	15	FT	ENDOSULFAN II	33213-65-9	16	19	ug/Kg	U	V
46793	BH40742AE	8	15	FT	ENDOSULFAN II	33213-65-9	16	19	ug/Kg	U	V
46893	BH40807AE	6	12	FT	ENDOSULFAN II	33213-65-9	16	17	ug/Kg	U	V
46993	BH40770AE	7	13	FT	ENDOSULFAN II	33213-65-9	16	19	ug/Kg	U	V
42193	BH40086AE	10	16	FT	ENDOSULFAN SULFATE	1031-07-8	20	20	ug/Kg	U	V
42193	BH40091AE	16	22	FT	ENDOSULFAN SULFATE	1031-07-8	20	20	ug/Kg	U	V
42193	BH40430AE	22	28	FT	ENDOSULFAN SULFATE	1031-07-8	19	19	ug/Kg	U	V
42193	BH40433AE	28	31	FT	ENDOSULFAN SULFATE	1031-07-8	19	19	ug/Kg	U	V
42293	BH40256AE	6	11	FT	ENDOSULFAN SULFATE	1031-07-8	19	19	ug/Kg	U	V
42293	BH40258AE	11	13	FT	ENDOSULFAN SULFATE	1031-07-8	19	19	ug/Kg	U	V
42593	BH40450AE	8	10	FT	ENDOSULFAN SULFATE	1031-07-8	18	18	ug/Kg	U	V
42593	BH40290AE	10	17	FT	ENDOSULFAN SULFATE	1031-07-8	19	19	ug/Kg	U	J
43393	BH40324AE	8	13	FT	ENDOSULFAN SULFATE	1031-07-8	19	19	ug/Kg	U	V
46593	BH40713AE	11	16	FT	ENDOSULFAN SULFATE	1031-07-8	16	19	ug/Kg	U	V
46693	BH40728AE	9	15	FT	ENDOSULFAN SULFATE	1031-07-8	16	19	ug/Kg	U	V
46793	BH40742AE	8	15	FT	ENDOSULFAN SULFATE	1031-07-8	16	19	ug/Kg	U	V
46893	BH40807AE	6	12	FT	ENDOSULFAN SULFATE	1031-07-8	16	17	ug/Kg	U	V
46993	BH40770AE	7	13	FT	ENDOSULFAN SULFATE	1031-07-8	16	19	ug/Kg	U	V
42193	BH40086AE	10	16	FT	ENDRIN	72-20-8	20	20	ug/Kg	U	V
42193	BH40091AE	16	22	FT	ENDRIN	72-20-8	20	20	ug/Kg	U	V
42193	BH40430AE	22	28	FT	ENDRIN	72-20-8	19	19	ug/Kg	U	V
42193	BH40433AE	28	31	FT	ENDRIN	72-20-8	19	19	ug/Kg	U	V
42293	BH40256AE	6	11	FT	ENDRIN	72-20-8	19	19	ug/Kg	U	V
42293	BH40258AE	11	13	FT	ENDRIN	72-20-8	19	19	ug/Kg	U	V
42593	BH40450AE	8	10	FT	ENDRIN	72-20-8	18	18	ug/Kg	U	V
42593	BH40290AE	10	17	FT	ENDRIN	72-20-8	19	19	ug/Kg	U	J
43393	BH40324AE	8	13	FT	ENDRIN	72-20-8	19	19	ug/Kg	U	V
46593	BH40713AE	11	16	FT	ENDRIN	72-20-8	16	19	ug/Kg	U	V
46693	BH40728AE	9	15	FT	ENDRIN	72-20-8	16	19	ug/Kg	U	V
46793	BH40742AE	8	15	FT	ENDRIN	72-20-8	16	19	ug/Kg	U	V

552

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46893	BH40807AE	6	12	FT	ENDRIN	72-20-8	16	17	ug/Kg	U	V
46993	BH40770AE	7	13	FT	ENDRIN	72-20-8	16	19	ug/Kg	U	V
42193	BH40086AE	10	16	FT	ENDRIN KETONE	53494-70-5	20	20	ug/Kg	U	V
42193	BH40091AE	16	22	FT	ENDRIN KETONE	53494-70-5	20	20	ug/Kg	U	V
42193	BH40430AE	22	28	FT	ENDRIN KETONE	53494-70-5	19	19	ug/Kg	U	V
42193	BH40433AE	28	31	FT	ENDRIN KETONE	53494-70-5	19	19	ug/Kg	U	V
42293	BH40256AE	6	11	FT	ENDRIN KETONE	53494-70-5	19	19	ug/Kg	U	V
42293	BH40258AE	11	13	FT	ENDRIN KETONE	53494-70-5	19	19	ug/Kg	U	V
42593	BH40450AE	8	10	FT	ENDRIN KETONE	53494-70-5	18	18	ug/Kg	U	V
42593	BH40290AE	10	17	FT	ENDRIN KETONE	53494-70-5	19	19	ug/Kg	U	J
43393	BH40324AE	8	13	FT	ENDRIN KETONE	53494-70-5	19	19	ug/Kg	U	V
46593	BH40713AE	11	16	FT	ENDRIN KETONE	53494-70-5	16	19	ug/Kg	U	V
46693	BH40728AE	9	15	FT	ENDRIN KETONE	53494-70-5	16	19	ug/Kg	U	V
46793	BH40742AE	8	15	FT	ENDRIN KETONE	53494-70-5	16	19	ug/Kg	U	V
46893	BH40807AE	6	12	FT	ENDRIN KETONE	53494-70-5	16	17	ug/Kg	U	V
46993	BH40770AE	7	13	FT	ENDRIN KETONE	53494-70-5	16	19	ug/Kg	U	V
05093	BH00065AE	10	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	ETHYLBENZENE	100-41-4	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	ETHYLBENZENE	100-41-4	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	ETHYLBENZENE	100-41-4	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	ETHYLBENZENE	100-41-4	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
42398	BH40265AE	10	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	ETHYLBENZENE	100-41-4	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	ETHYLBENZENE	100-41-4	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	ETHYLBENZENE	100-41-4	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	ETHYLBENZENE	100-41-4	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	ETHYLBENZENE	100-41-4	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V

553

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46593	BH40704AE	6	7	FT	ETHYLBENZENE	100-41-4	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	ETHYLBENZENE	100-41-4	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	ETHYLBENZENE	100-41-4	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	ETHYLBENZENE	100-41-4	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	ETHYLBENZENE	100-41-4	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	ETHYLBENZENE	100-41-4	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	ETHYLBENZENE	100-41-4	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	ETHYLBENZENE	100-41-4	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	ETHYLBENZENE	100-41-4	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	ETHYLBENZENE	100-41-4	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	ETHYLBENZENE	100-41-4	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	ETHYLBENZENE	100-41-4	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	ETHYLBENZENE	100-41-4	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	ETHYLBENZENE	100-41-4	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	ETHYLBENZENE	100-41-4	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
42193	BH40086AE	10	16	FT	FLUORANTHENE	206-44-0	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	FLUORANTHENE	206-44-0	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	FLUORANTHENE	206-44-0	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	FLUORANTHENE	206-44-0	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	FLUORANTHENE	206-44-0	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	FLUORANTHENE	206-44-0	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	FLUORANTHENE	206-44-0	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	FLUORANTHENE	206-44-0	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	FLUORANTHENE	206-44-0	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	FLUORANTHENE	206-44-0	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	FLUORANTHENE	206-44-0	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	FLUORANTHENE	206-44-0	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	FLUORANTHENE	206-44-0	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	FLUORANTHENE	206-44-0	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	FLUORENE	86-73-7	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	FLUORENE	86-73-7	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	FLUORENE	86-73-7	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	FLUORENE	86-73-7	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	FLUORENE	86-73-7	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	FLUORENE	86-73-7	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	FLUORENE	86-73-7	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	FLUORENE	86-73-7	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	FLUORENE	86-73-7	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	FLUORENE	86-73-7	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	FLUORENE	86-73-7	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	FLUORENE	86-73-7	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	FLUORENE	86-73-7	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	FLUORENE	86-73-7	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	GAMMA-BHC [LINDANE]	58-89-9	9.8	9.8	ug/Kg	U	V
42193	BH40091AE	16	22	FT	GAMMA-BHC [LINDANE]	58-89-9	9.9	9.9	ug/Kg	U	V
42193	BH40430AE	22	28	FT	GAMMA-BHC [LINDANE]	58-89-9	9.6	9.6	ug/Kg	U	V
42193	BH40433AE	28	31	FT	GAMMA-BHC [LINDANE]	58-89-9	9.6	9.6	ug/Kg	U	V
42293	BH40256AE	6	11	FT	GAMMA-BHC [LINDANE]	58-89-9	9.7	9.7	ug/Kg	U	V
42293	BH40258AE	11	13	FT	GAMMA-BHC [LINDANE]	58-89-9	9.7	9.7	ug/Kg	U	V
42593	BH40450AE	8	10	FT	GAMMA-BHC [LINDANE]	58-89-9	9.2	9.2	ug/Kg	U	V
42593	BH40290AE	10	17	FT	GAMMA-BHC [LINDANE]	58-89-9	9.3	9.3	ug/Kg	U	J
43393	BH40324AE	8	13	FT	GAMMA-BHC [LINDANE]	58-89-9	9.4	9.4	ug/Kg	U	V
46593	BH40713AE	11	16	FT	GAMMA-BHC [LINDANE]	58-89-9	8	9.5	ug/Kg	U	V
46693	BH40728AE	9	15	FT	GAMMA-BHC [LINDANE]	58-89-9	8	9.5	ug/Kg	U	V
46793	BH40742AE	8	15	FT	GAMMA-BHC [LINDANE]	58-89-9	8	9.6	ug/Kg	U	V
46893	BH40807AE	6	12	FT	GAMMA-BHC [LINDANE]	58-89-9	8	8.5	ug/Kg	U	V
46993	BH40770AE	7	13	FT	GAMMA-BHC [LINDANE]	58-89-9	8	9.5	ug/Kg	U	V
42193	BH40086AE	10	16	FT	HEPTACHLOR	76-44-8	9.8	9.8	ug/Kg	U	V
42193	BH40091AE	16	22	FT	HEPTACHLOR	76-44-8	9.9	9.9	ug/Kg	U	V

554

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CASNO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42193	BH40430AE	22	28	FT	HEPTACHLOR	76-44-8	9.6	9.6	ug/Kg	U	V
42193	BH40433AE	28	31	FT	HEPTACHLOR	76-44-8	9.6	9.6	ug/Kg	U	V
42293	BH40256AE	6	11	FT	HEPTACHLOR	76-44-8	9.7	9.7	ug/Kg	U	V
42293	BH40258AE	11	13	FT	HEPTACHLOR	76-44-8	9.7	9.7	ug/Kg	U	V
42593	BH40450AE	8	10	FT	HEPTACHLOR	76-44-8	9.2	9.2	ug/Kg	U	V
42593	BH40290AE	10	17	FT	HEPTACHLOR	76-44-8	9.3	9.3	ug/Kg	U	J
43393	BH40324AE	8	13	FT	HEPTACHLOR	76-44-8	9.4	9.4	ug/Kg	U	V
46593	BH40713AE	11	16	FT	HEPTACHLOR	76-44-8	8	9.5	ug/Kg	U	V
46693	BH40728AE	9	15	FT	HEPTACHLOR	76-44-8	8	9.5	ug/Kg	U	V
46793	BH40742AE	8	15	FT	HEPTACHLOR	76-44-8	8	9.6	ug/Kg	U	V
46893	BH40807AE	6	12	FT	HEPTACHLOR	76-44-8	8	8.5	ug/Kg	U	V
46993	BH40770AE	7	13	FT	HEPTACHLOR	76-44-8	8	9.5	ug/Kg	U	V
42193	BH40086AE	10	16	FT	HEPTACHLOR EPOXIDE	1024-57-3	9.8	9.8	ug/Kg	U	V
42193	BH40091AE	16	22	FT	HEPTACHLOR EPOXIDE	1024-57-3	9.9	9.9	ug/Kg	U	V
42193	BH40430AE	22	28	FT	HEPTACHLOR EPOXIDE	1024-57-3	9.6	9.6	ug/Kg	U	V
42193	BH40433AE	28	31	FT	HEPTACHLOR EPOXIDE	1024-57-3	9.6	9.6	ug/Kg	U	V
42293	BH40256AE	6	11	FT	HEPTACHLOR EPOXIDE	1024-57-3	9.7	9.7	ug/Kg	U	V
42293	BH40258AE	11	13	FT	HEPTACHLOR EPOXIDE	1024-57-3	9.7	9.7	ug/Kg	U	V
42593	BH40450AE	8	10	FT	HEPTACHLOR EPOXIDE	1024-57-3	9.2	9.2	ug/Kg	U	V
42593	BH40290AE	10	17	FT	HEPTACHLOR EPOXIDE	1024-57-3	9.3	9.3	ug/Kg	U	J
43393	BH40324AE	8	13	FT	HEPTACHLOR EPOXIDE	1024-57-3	9.4	9.4	ug/Kg	U	V
46593	BH40713AE	11	16	FT	HEPTACHLOR EPOXIDE	1024-57-3	8	9.5	ug/Kg	U	V
46693	BH40728AE	9	15	FT	HEPTACHLOR EPOXIDE	1024-57-3	8	9.5	ug/Kg	U	V
46793	BH40742AE	8	15	FT	HEPTACHLOR EPOXIDE	1024-57-3	8	9.6	ug/Kg	U	V
46893	BH40807AE	6	12	FT	HEPTACHLOR EPOXIDE	1024-57-3	8	8.5	ug/Kg	U	V
46993	BH40770AE	7	13	FT	HEPTACHLOR EPOXIDE	1024-57-3	8	9.5	ug/Kg	U	V
42193	BH40086AE	10	16	FT	HEXACHLOROBENZENE	118-74-1	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	HEXACHLOROBENZENE	118-74-1	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	HEXACHLOROBENZENE	118-74-1	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	HEXACHLOROBENZENE	118-74-1	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	HEXACHLOROBENZENE	118-74-1	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	HEXACHLOROBENZENE	118-74-1	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	HEXACHLOROBENZENE	118-74-1	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	HEXACHLOROBENZENE	118-74-1	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	HEXACHLOROBENZENE	118-74-1	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	HEXACHLOROBENZENE	118-74-1	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	HEXACHLOROBENZENE	118-74-1	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	HEXACHLOROBENZENE	118-74-1	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	HEXACHLOROBENZENE	118-74-1	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	HEXACHLOROBENZENE	118-74-1	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	HEXACHLOROBUTADIENE	87-68-3	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	HEXACHLOROBUTADIENE	87-68-3	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	HEXACHLOROBUTADIENE	87-68-3	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	HEXACHLOROBUTADIENE	87-68-3	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	HEXACHLOROBUTADIENE	87-68-3	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	HEXACHLOROBUTADIENE	87-68-3	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	HEXACHLOROBUTADIENE	87-68-3	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	HEXACHLOROBUTADIENE	87-68-3	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	HEXACHLOROBUTADIENE	87-68-3	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	HEXACHLOROBUTADIENE	87-68-3	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	HEXACHLOROBUTADIENE	87-68-3	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	HEXACHLOROBUTADIENE	87-68-3	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	HEXACHLOROBUTADIENE	87-68-3	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	HEXACHLOROBUTADIENE	87-68-3	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	HEXACHLOROCYCLOPENTADIENE	77-47-4	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	HEXACHLOROCYCLOPENTADIENE	77-47-4	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	HEXACHLOROCYCLOPENTADIENE	77-47-4	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	HEXACHLOROCYCLOPENTADIENE	77-47-4	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	HEXACHLOROCYCLOPENTADIENE	77-47-4	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	HEXACHLOROCYCLOPENTADIENE	77-47-4	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	HEXACHLOROCYCLOPENTADIENE	77-47-4	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	HEXACHLOROCYCLOPENTADIENE	77-47-4	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	HEXACHLOROCYCLOPENTADIENE	77-47-4	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	HEXACHLOROCYCLOPENTADIENE	77-47-4	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	HEXACHLOROETHANE	67-72-1	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	HEXACHLOROETHANE	67-72-1	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	HEXACHLOROETHANE	67-72-1	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	HEXACHLOROETHANE	67-72-1	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	HEXACHLOROETHANE	67-72-1	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	HEXACHLOROETHANE	67-72-1	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	HEXACHLOROETHANE	67-72-1	380	380	ug/Kg	U	V

555

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CASNO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42593	BH40290AE	10	17	FT	HEXACHLOROETHANE	67-72-1	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	HEXACHLOROETHANE	67-72-1	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	HEXACHLOROETHANE	67-72-1	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	HEXACHLOROETHANE	67-72-1	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	HEXACHLOROETHANE	67-72-1	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	HEXACHLOROETHANE	67-72-1	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	HEXACHLOROETHANE	67-72-1	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	INDENO(1,2,3-CD)PYRENE	193-39-5	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	INDENO(1,2,3-CD)PYRENE	193-39-5	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	INDENO(1,2,3-CD)PYRENE	193-39-5	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	INDENO(1,2,3-CD)PYRENE	193-39-5	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	INDENO(1,2,3-CD)PYRENE	193-39-5	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	INDENO(1,2,3-CD)PYRENE	193-39-5	400	400	ug/Kg	U	J
42593	BH40450AE	8	10	FT	INDENO(1,2,3-CD)PYRENE	193-39-5	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	INDENO(1,2,3-CD)PYRENE	193-39-5	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	INDENO(1,2,3-CD)PYRENE	193-39-5	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	INDENO(1,2,3-CD)PYRENE	193-39-5	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	INDENO(1,2,3-CD)PYRENE	193-39-5	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	INDENO(1,2,3-CD)PYRENE	193-39-5	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	INDENO(1,2,3-CD)PYRENE	193-39-5	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	INDENO(1,2,3-CD)PYRENE	193-39-5	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	ISOPHORONE	78-59-1	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	ISOPHORONE	78-59-1	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	ISOPHORONE	78-59-1	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	ISOPHORONE	78-59-1	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	ISOPHORONE	78-59-1	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	ISOPHORONE	78-59-1	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	ISOPHORONE	78-59-1	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	ISOPHORONE	78-59-1	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	ISOPHORONE	78-59-1	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	ISOPHORONE	78-59-1	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	ISOPHORONE	78-59-1	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	ISOPHORONE	78-59-1	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	ISOPHORONE	78-59-1	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	ISOPHORONE	78-59-1	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	METHOXYCHLOR	72-43-5	98	98	ug/Kg	U	V
42193	BH40091AE	16	22	FT	METHOXYCHLOR	72-43-5	99	99	ug/Kg	U	V
42193	BH40430AE	22	28	FT	METHOXYCHLOR	72-43-5	96	96	ug/Kg	U	V
42193	BH40433AE	28	31	FT	METHOXYCHLOR	72-43-5	96	96	ug/Kg	U	V
42293	BH40256AE	6	11	FT	METHOXYCHLOR	72-43-5	97	97	ug/Kg	U	V
42293	BH40258AE	11	13	FT	METHOXYCHLOR	72-43-5	97	97	ug/Kg	U	V
42593	BH40450AE	8	10	FT	METHOXYCHLOR	72-43-5	92	92	ug/Kg	U	V
42593	BH40290AE	10	17	FT	METHOXYCHLOR	72-43-5	93	93	ug/Kg	U	J
43393	BH40324AE	8	13	FT	METHOXYCHLOR	72-43-5	94	94	ug/Kg	U	V
46593	BH40713AE	11	16	FT	METHOXYCHLOR	72-43-5	80	95	ug/Kg	U	V
46693	BH40728AE	9	15	FT	METHOXYCHLOR	72-43-5	80	95	ug/Kg	U	V
46793	BH40742AE	8	15	FT	METHOXYCHLOR	72-43-5	80	96	ug/Kg	U	V
46893	BH40807AE	6	12	FT	METHOXYCHLOR	72-43-5	80	85	ug/Kg	U	V
46993	BH40770AE	7	13	FT	METHOXYCHLOR	72-43-5	80	95	ug/Kg	U	V
05093	BH00065AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	J
05193	BH00068AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	J
05193	BH00070AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	J
05193	BH00085AE	14	14	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	J
05393	BH00078AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	METHYLENE CHLORIDE	75-09-2	6	5	ug/Kg	J	A
40093	BH40171AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	30	9	ug/Kg	J	A
40293	BH40120AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	6	1	ug/Kg	J	A
40293	BH40120AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	6	1	ug/Kg	J	A
40393	BH40125AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg		V
40393	BH40125AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg		V
40793	BH40161AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	METHYLENE CHLORIDE	75-09-2	5	6	ug/Kg	U	J
40993	BH40205AE	9	10	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	7	7	ug/Kg		V
41293	BH40198AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	J	A
41693	BH40219AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	7	39	ug/Kg		V
41693	BH40221AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	6	16	ug/Kg		V
41693	BH40223AE	17	17	FT	METHYLENE CHLORIDE	75-09-2	6	20	ug/Kg		V
41993	BH40066AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	6	5	ug/Kg	J	A
42093	BH40104AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V

556

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42293	BH40255AE	7	8	FT	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg		V
42393	BH40265AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	6	5	ug/Kg	J	A
42493	BH40289AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	6	7	ug/Kg		V
42593	BH40294AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	6	65	ug/Kg		V
42993	BH40142AE	9	10	FT	METHYLENE CHLORIDE	75-09-2	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	METHYLENE CHLORIDE	75-09-2	6	9	ug/Kg		V
43193	BH40308AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	METHYLENE CHLORIDE	75-09-2	6	3	ug/Kg	J	A
43493	BH40323AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	METHYLENE CHLORIDE	75-09-2	6	1	ug/Kg	J	A
43893	BH40072AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	J	A
43893	BH40076AE	9	9	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/Kg	J	A
43893	BH40074AE	12	13	FT	METHYLENE CHLORIDE	75-09-2	5	10	ug/Kg		V
43893	BH40077AE	15	15	FT	METHYLENE CHLORIDE	75-09-2	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	METHYLENE CHLORIDE	75-09-2	7	5	ug/Kg	J	A
44093	BH40350AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	6	19	ug/Kg		V
44093	BH40352AE	14	15	FT	METHYLENE CHLORIDE	75-09-2	6	12	ug/Kg		V
44393	BH40037AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	6	4	ug/Kg	J	A
44593	BH40004AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	5	7	ug/Kg	U	J
44593	BH40006AE	14	14	FT	METHYLENE CHLORIDE	75-09-2	5	7	ug/Kg	U	J
44893	BH40189AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	6	3	ug/Kg	J	A
44893	BH40192AE	7	7	FT	METHYLENE CHLORIDE	75-09-2	6	9	ug/Kg		V
44893	BH40195AE	12	12	FT	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	J	A
44893	BH40194AE	16	16	FT	METHYLENE CHLORIDE	75-09-2	6	4	ug/Kg	J	A
45693	BH40373AE	9	9	FT	METHYLENE CHLORIDE	75-09-2	6	3	ug/Kg	J	A
45893	BH40381AE	9	10	FT	METHYLENE CHLORIDE	75-09-2	5	24	ug/Kg		V
46193	BH40387AE	8	8	FT	METHYLENE CHLORIDE	75-09-2	6	5	ug/Kg	J	A
46593	BH40704AE	6	7	FT	METHYLENE CHLORIDE	75-09-2	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	5	6	ug/Kg	U	V
5693	BH40719AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	5	6	ug/Kg	U	J
5693	BH40727AE	14	15	FT	METHYLENE CHLORIDE	75-09-2	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	METHYLENE CHLORIDE	75-09-2	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	METHYLENE CHLORIDE	75-09-2	5	4	ug/Kg	J	A
46893	BH40750AE	10	10	FT	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	METHYLENE CHLORIDE	75-09-2	5	5	ug/Kg	J	A
46993	BH40769AE	7	7	FT	METHYLENE CHLORIDE	75-09-2	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	METHYLENE CHLORIDE	75-09-2	6	8	ug/Kg		V
P208989	SEP1789BR1214	13	15	FT	METHYLENE CHLORIDE	75-09-2	6	15	ug/Kg		V
P208989	SEP1789BR1618	17	19	FT	METHYLENE CHLORIDE	75-09-2	6	17	ug/Kg		V
P209189	SEP1989BR0810	8	10	FT	METHYLENE CHLORIDE	75-09-2	5	2	ug/Kg	J	A
P209189	SEP1989BR1214	12	14	FT	METHYLENE CHLORIDE	75-09-2	6	3	ug/Kg	J	A
P209189	SEP1989BR1618	16	18	FT	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	J	A
P209189	SEP1989BR2021	20	21	FT	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	J	A
P209189	SEP1989BR2223	22	23	FT	METHYLENE CHLORIDE	75-09-2	6	7	ug/Kg		V
P209489	SEP2289BR0810	8	10	FT	METHYLENE CHLORIDE	75-09-2	6	14	ug/Kg		V
P209489	SEP2289BR1618	16	18	FT	METHYLENE CHLORIDE	75-09-2	6	15	ug/Kg		V
P209489	SEP2289BR2022	20	22	FT	METHYLENE CHLORIDE	75-09-2	6	4	ug/Kg	J	A
P209889	SEP2689BR0810	8	10	FT	METHYLENE CHLORIDE	75-09-2	6	3	ug/Kg	J	A
P209889	SEP2689BR1214	12	13	FT	METHYLENE CHLORIDE	75-09-2	6	7	ug/Kg		V
P210189	SEP3089BR0810	9	9	FT	METHYLENE CHLORIDE	75-09-2	690	380	ug/Kg	J	A
P210189	SEP3089BR1214	13	14	FT	METHYLENE CHLORIDE	75-09-2	610	450	ug/Kg	JB	A
P210189	SEP3089BR1618	17	19	FT	METHYLENE CHLORIDE	75-09-2	690	540	ug/Kg	JB	A
P210189	SEP3089BR2022	21	23	FT	METHYLENE CHLORIDE	75-09-2	690	630	ug/Kg	JB	A
P210189	SEP3089BR2426	25	27	FT	METHYLENE CHLORIDE	75-09-2	740	590	ug/Kg	JB	A
P210289	SEP3189BR0810	8	10	FT	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	JB	A
P210289	SEP3189BR1214	12	14	FT	METHYLENE CHLORIDE	75-09-2	6	2	ug/Kg	J	A
P210289	SEP3189BR1618	16	18	FT	METHYLENE CHLORIDE	75-09-2	6	1	ug/Kg	J	A
42193	BH40086AE	10	16	FT	NAPHTHALENE	91-20-3	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	NAPHTHALENE	91-20-3	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	NAPHTHALENE	91-20-3	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	NAPHTHALENE	91-20-3	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	NAPHTHALENE	91-20-3	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	NAPHTHALENE	91-20-3	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	NAPHTHALENE	91-20-3	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	NAPHTHALENE	91-20-3	390	390	ug/Kg	U	J
3393	BH40324AE	8	13	FT	NAPHTHALENE	91-20-3	390	390	ug/Kg	U	V
5593	BH40713AE	11	16	FT	NAPHTHALENE	91-20-3	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	NAPHTHALENE	91-20-3	330	390	ug/Kg	U	V

557

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46793	BH40742AE	8	15	FT	NAPHTHALENE	91-20-3	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	NAPHTHALENE	91-20-3	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	NAPHTHALENE	91-20-3	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	NITROBENZENE	98-95-3	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	NITROBENZENE	98-95-3	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	NITROBENZENE	98-95-3	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	NITROBENZENE	98-95-3	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	NITROBENZENE	98-95-3	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	NITROBENZENE	98-95-3	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	NITROBENZENE	98-95-3	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	NITROBENZENE	98-95-3	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	NITROBENZENE	98-95-3	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	NITROBENZENE	98-95-3	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	NITROBENZENE	98-95-3	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	NITROBENZENE	98-95-3	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	NITROBENZENE	98-95-3	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	NITROBENZENE	98-95-3	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	N-NITROSODI-N-PROPYLAMINE	621-64-7	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	N-NITROSODI-N-PROPYLAMINE	621-64-7	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	N-NITROSODI-N-PROPYLAMINE	621-64-7	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	N-NITROSODI-N-PROPYLAMINE	621-64-7	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	N-NITROSODI-N-PROPYLAMINE	621-64-7	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	N-NITROSODI-N-PROPYLAMINE	621-64-7	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	N-NITROSODI-N-PROPYLAMINE	621-64-7	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	N-NITROSODI-N-PROPYLAMINE	621-64-7	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	N-NITROSODI-N-PROPYLAMINE	621-64-7	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	N-NITROSODI-N-PROPYLAMINE	621-64-7	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	N-NITROSODIPHENYLAMINE	86-30-6	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	N-NITROSODIPHENYLAMINE	86-30-6	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	N-NITROSODIPHENYLAMINE	86-30-6	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	N-NITROSODIPHENYLAMINE	86-30-6	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	N-NITROSODIPHENYLAMINE	86-30-6	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	N-NITROSODIPHENYLAMINE	86-30-6	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	N-NITROSODIPHENYLAMINE	86-30-6	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	N-NITROSODIPHENYLAMINE	86-30-6	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	N-NITROSODIPHENYLAMINE	86-30-6	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	N-NITROSODIPHENYLAMINE	86-30-6	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	N-NITROSODIPHENYLAMINE	86-30-6	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	N-NITROSODIPHENYLAMINE	86-30-6	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	N-NITROSODIPHENYLAMINE	86-30-6	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	N-NITROSODIPHENYLAMINE	86-30-6	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	PALMITIC ACID	57-10-3		420	ug/Kg	J	Z
42193	BH40091AE	16	22	FT	PALMITIC ACID	57-10-3		230	ug/Kg	J	Z
42193	BH40086AE	10	16	FT	P-BROMODIPHENYL ETHER	101-55-3	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	P-BROMODIPHENYL ETHER	101-55-3	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	P-BROMODIPHENYL ETHER	101-55-3	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	P-BROMODIPHENYL ETHER	101-55-3	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	P-BROMODIPHENYL ETHER	101-55-3	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	P-BROMODIPHENYL ETHER	101-55-3	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	P-BROMODIPHENYL ETHER	101-55-3	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	P-BROMODIPHENYL ETHER	101-55-3	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	P-BROMODIPHENYL ETHER	101-55-3	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	P-BROMODIPHENYL ETHER	101-55-3	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	P-BROMODIPHENYL ETHER	101-55-3	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	P-BROMODIPHENYL ETHER	101-55-3	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	P-BROMODIPHENYL ETHER	101-55-3	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	P-BROMODIPHENYL ETHER	101-55-3	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	PENTACHLOROPHENOL	87-86-5	2000	2000	ug/Kg	U	V
42193	BH40091AE	16	22	FT	PENTACHLOROPHENOL	87-86-5	2100	2100	ug/Kg	U	V
42193	BH40430AE	22	28	FT	PENTACHLOROPHENOL	87-86-5	2000	2000	ug/Kg	U	V
42193	BH40433AE	28	31	FT	PENTACHLOROPHENOL	87-86-5	2000	2000	ug/Kg	U	V
42293	BH40256AE	6	11	FT	PENTACHLOROPHENOL	87-86-5	2000	2000	ug/Kg	U	J
42293	BH40258AE	11	13	FT	PENTACHLOROPHENOL	87-86-5	2000	2000	ug/Kg	U	V
42593	BH40450AE	8	10	FT	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	V
42593	BH40290AE	10	17	FT	PENTACHLOROPHENOL	87-86-5	1900	1900	ug/Kg	U	J
43393	BH40324AE	8	13	FT	PENTACHLOROPHENOL	87-86-5	2000	2000	ug/Kg	U	V
46593	BH40713AE	11	16	FT	PENTACHLOROPHENOL	87-86-5	1600	1900	ug/Kg	U	V
46693	BH40728AE	9	15	FT	PENTACHLOROPHENOL	87-86-5	1600	1900	ug/Kg	U	V
46793	BH40742AE	8	15	FT	PENTACHLOROPHENOL	87-86-5	1600	1900	ug/Kg	U	V
46893	BH40807AE	6	12	FT	PENTACHLOROPHENOL	87-86-5	1600	1700	ug/Kg	U	V
46993	BH40770AE	7	13	FT	PENTACHLOROPHENOL	87-86-5	1600	1900	ug/Kg	U	V

558

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42193	BH40086AE	10	16	FT	PHENANTHRENE	85-01-8	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	PHENANTHRENE	85-01-8	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	PHENANTHRENE	85-01-8	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	PHENANTHRENE	85-01-8	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	PHENANTHRENE	85-01-8	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	PHENANTHRENE	85-01-8	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	PHENANTHRENE	85-01-8	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	PHENANTHRENE	85-01-8	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	PHENANTHRENE	85-01-8	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	PHENANTHRENE	85-01-8	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	PHENANTHRENE	85-01-8	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	PHENANTHRENE	85-01-8	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	PHENANTHRENE	85-01-8	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	PHENANTHRENE	85-01-8	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	PHENOL	108-95-2	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	PHENOL	108-95-2	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	PHENOL	108-95-2	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	PHENOL	108-95-2	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	PHENOL	108-95-2	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	PHENOL	108-95-2	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	PHENOL	108-95-2	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	PHENOL	108-95-2	390	390	ug/Kg	U	J
43393	BH40324AE	8	13	FT	PHENOL	108-95-2	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	PHENOL	108-95-2	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	PHENOL	108-95-2	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	PHENOL	108-95-2	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	PHENOL	108-95-2	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	PHENOL	108-95-2	330	390	ug/Kg	U	V
42193	BH40086AE	10	16	FT	PYRENE	129-00-0	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	PYRENE	129-00-0	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	PYRENE	129-00-0	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	PYRENE	129-00-0	400	400	ug/Kg	U	V
42293	BH40256AE	6	11	FT	PYRENE	129-00-0	400	400	ug/Kg	U	J
42293	BH40258AE	11	13	FT	PYRENE	129-00-0	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	PYRENE	129-00-0	380	380	ug/Kg	U	V
[illegible]93	BH40290AE	10	17	FT	PYRENE	129-00-0	390	390	ug/Kg	U	J
[illegible]93	BH40324AE	8	13	FT	PYRENE	129-00-0	390	390	ug/Kg	U	V
46593	BH40713AE	11	16	FT	PYRENE	129-00-0	330	390	ug/Kg	U	V
46693	BH40728AE	9	15	FT	PYRENE	129-00-0	330	390	ug/Kg	U	V
46793	BH40742AE	8	15	FT	PYRENE	129-00-0	330	390	ug/Kg	U	V
46893	BH40807AE	6	12	FT	PYRENE	129-00-0	330	350	ug/Kg	U	V
46993	BH40770AE	7	13	FT	PYRENE	129-00-0	330	390	ug/Kg	U	V
05093	BH00065AE	10	10	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	STYRENE	100-42-5	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	STYRENE	100-42-5	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	STYRENE	100-42-5	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	STYRENE	100-42-5	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	STYRENE	100-42-5	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	STYRENE	100-42-5	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	STYRENE	100-42-5	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	STYRENE	100-42-5	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	STYRENE	100-42-5	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
[illegible]93	BH40294AE	10	10	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
[illegible]93	BH40142AE	9	10	FT	STYRENE	100-42-5	7	7	ug/Kg	U	V

559

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CASNO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42993	BH40147AE	14	14	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	STYRENE	100-42-5	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	STYRENE	100-42-5	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	STYRENE	100-42-5	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	STYRENE	100-42-5	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	STYRENE	100-42-5	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	STYRENE	100-42-5	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	STYRENE	100-42-5	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	STYRENE	100-42-5	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	STYRENE	100-42-5	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	STYRENE	100-42-5	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	STYRENE	100-42-5	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	STYRENE	100-42-5	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	STYRENE	100-42-5	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	STYRENE	100-42-5	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	STYRENE	100-42-5	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	STYRENE	100-42-5	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	STYRENE	100-42-5	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	STYRENE	100-42-5	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	STYRENE	100-42-5	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	STYRENE	100-42-5	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	STYRENE	100-42-5	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	STYRENE	100-42-5	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	STYRENE	100-42-5	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	STYRENE	100-42-5	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	STYRENE	100-42-5	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	STYRENE	100-42-5	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	STYRENE	100-42-5	6	6	ug/Kg	U	V
05093	BH00065AE	10	10	FT	TCE	79-01-6	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	TCE	79-01-6	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	TCE	79-01-6	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	TCE	79-01-6	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	TCE	79-01-6	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	TCE	79-01-6	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	TCE	79-01-6	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	TCE	79-01-6	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	TCE	79-01-6	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	TCE	79-01-6	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	TCE	79-01-6	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	TCE	79-01-6	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	TCE	79-01-6	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	TCE	79-01-6	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	TCE	79-01-6	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	TCE	79-01-6	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	TCE	79-01-6	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	TCE	79-01-6	6	6	ug/Kg	U	V

560

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41593	BH40216AE	7	8	FT	TCE	79-01-6	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	TCE	79-01-6	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	TCE	79-01-6	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	TCE	79-01-6	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	TCE	79-01-6	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	TCE	79-01-6	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	TCE	79-01-6	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	TCE	79-01-6	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	TCE	79-01-6	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	TCE	79-01-6	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	TCE	79-01-6	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	TCE	79-01-6	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	TCE	79-01-6	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	TCE	79-01-6	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	TCE	79-01-6	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	TCE	79-01-6	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	TCE	79-01-6	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	TCE	79-01-6	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	TCE	79-01-6	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	TCE	79-01-6	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	TCE	79-01-6	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	TCE	79-01-6	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	TCE	79-01-6	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	TCE	79-01-6	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	TCE	79-01-6	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	TCE	79-01-6	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	TCE	79-01-6	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	TCE	79-01-6	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	TCE	79-01-6	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	TCE	79-01-6	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	TCE	79-01-6	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	TCE	79-01-6	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	TCE	79-01-6	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	TCE	79-01-6	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	TCE	79-01-6	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	TCE	79-01-6	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	TCE	79-01-6	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	TCE	79-01-6	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	TCE	79-01-6	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	TCE	79-01-6	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	TCE	79-01-6	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	TCE	79-01-6	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	TCE	79-01-6	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	TCE	79-01-6	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	TCE	79-01-6	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	TCE	79-01-6	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	TCE	79-01-6	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	TCE	79-01-6	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	TCE	79-01-6	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	TCE	79-01-6	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	TCE	79-01-6	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	TCE	79-01-6	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	TCE	79-01-6	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	TCE	79-01-6	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	TCE	79-01-6	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	TCE	79-01-6	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	TCE	79-01-6	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	TCE	79-01-6	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	TCE	79-01-6	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	TCE	79-01-6	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	TCE	79-01-6	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	TCE	79-01-6	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	TCE	79-01-6	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	TCE	79-01-6	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	TCE	79-01-6	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	TCE	79-01-6	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	TCE	79-01-6	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	TCE	79-01-6	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	TCE	79-01-6	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	TCE	79-01-6	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	TCE	79-01-6	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	TCE	79-01-6	6	6	ug/Kg	U	V
05093	BH00065AE	10	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
5193	BH00068AE	6	6	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
5193	BH00070AE	10	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V

561

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05193	BH00085AE	14	14	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	TETRACHLOROETHENE	127-18-4	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	TETRACHLOROETHENE	127-18-4	6	3	ug/Kg	J	A
40393	BH40125AE	6	6	FT	TETRACHLOROETHENE	127-18-4	6	3	ug/Kg	J	A
40793	BH40161AE	10	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	TETRACHLOROETHENE	127-18-4	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	TETRACHLOROETHENE	127-18-4	5	2	ug/Kg	J	A
41193	BH40053AE	10	10	FT	TETRACHLOROETHENE	127-18-4	7	4	ug/Kg	J	A
41293	BH40198AE	6	6	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	TETRACHLOROETHENE	127-18-4	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	TETRACHLOROETHENE	127-18-4	6	5	ug/Kg	J	A
42493	BH40289AE	10	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	TETRACHLOROETHENE	127-18-4	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	TETRACHLOROETHENE	127-18-4	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	TETRACHLOROETHENE	127-18-4	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	TETRACHLOROETHENE	127-18-4	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	TETRACHLOROETHENE	127-18-4	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	TETRACHLOROETHENE	127-18-4	6	2	ug/Kg	J	A
44893	BH40194AE	16	16	FT	TETRACHLOROETHENE	127-18-4	6	5	ug/Kg	J	A
45693	BH40373AE	9	9	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	TETRACHLOROETHENE	127-18-4	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	TETRACHLOROETHENE	127-18-4	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	TETRACHLOROETHENE	127-18-4	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	TETRACHLOROETHENE	127-18-4	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	TETRACHLOROETHENE	127-18-4	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	TETRACHLOROETHENE	127-18-4	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	TETRACHLOROETHENE	127-18-4	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	TETRACHLOROETHENE	127-18-4	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	TETRACHLOROETHENE	127-18-4	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V

562

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209489	SEP2289BR1618	16	18	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	TETRACHLOROETHENE	127-18-4	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	TETRACHLOROETHENE	127-18-4	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	TETRACHLOROETHENE	127-18-4	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	TETRACHLOROETHENE	127-18-4	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	TETRACHLOROETHENE	127-18-4	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
05093	BH00065AE	10	10	FT	TOLUENE	108-88-3	6	150	ug/Kg		V
05193	BH00068AE	6	6	FT	TOLUENE	108-88-3	6	230	ug/Kg		V
05193	BH00070AE	10	10	FT	TOLUENE	108-88-3	6	170	ug/Kg		V
05193	BH00085AE	14	14	FT	TOLUENE	108-88-3	6	130	ug/Kg		V
05393	BH00078AE	6	6	FT	TOLUENE	108-88-3	6	240	ug/Kg		V
05393	BH00080AE	8	9	FT	TOLUENE	108-88-3	6	160	ug/Kg		V
40093	BH40171AE	10	10	FT	TOLUENE	108-88-3	30	330	ug/Kg		V
40293	BH40120AE	6	6	FT	TOLUENE	108-88-3	6	56	ug/Kg		V
40293	BH40120AE	6	6	FT	TOLUENE	108-88-3	6	56	ug/Kg		V
40393	BH40125AE	6	6	FT	TOLUENE	108-88-3	6	88	ug/Kg		V
40393	BH40125AE	6	6	FT	TOLUENE	108-88-3	6	88	ug/Kg		V
40793	BH40161AE	10	10	FT	TOLUENE	108-88-3	6	54	ug/Kg		V
40893	BH40029AE	7	7	FT	TOLUENE	108-88-3	5	220	ug/Kg		V
40993	BH40205AE	9	10	FT	TOLUENE	108-88-3	6	23	ug/Kg		V
40993	BH40208AE	31	31	FT	TOLUENE	108-88-3	6	17	ug/Kg		V
41193	BH40051AE	6	6	FT	TOLUENE	108-88-3	5	95	ug/Kg		V
41193	BH40053AE	10	10	FT	TOLUENE	108-88-3	7	180	ug/Kg		V
41293	BH40198AE	6	6	FT	TOLUENE	108-88-3	6	100	ug/Kg		V
41593	BH40216AE	7	8	FT	TOLUENE	108-88-3	6	46	ug/Kg		V
41693	BH40219AE	6	6	FT	TOLUENE	108-88-3	7	170	ug/Kg		V
41693	BH40221AE	10	10	FT	TOLUENE	108-88-3	6	89	ug/Kg		V
41693	BH40223AE	17	17	FT	TOLUENE	108-88-3	6	120	ug/Kg		V
41993	BH40066AE	10	10	FT	TOLUENE	108-88-3	6	28	ug/Kg		V
42093	BH40104AE	6	6	FT	TOLUENE	108-88-3	6	200	ug/Kg		V
42193	BH40437AE	6	6	FT	TOLUENE	108-88-3	5	21	ug/Kg		V
42193	BH40090AE	10	10	FT	TOLUENE	108-88-3	6	76	ug/Kg		V
42293	BH40255AE	7	8	FT	TOLUENE	108-88-3	5	57	ug/Kg		J
42293	BH40257AE	11	11	FT	TOLUENE	108-88-3	6	93	ug/Kg		J
42393	BH40263AE	6	6	FT	TOLUENE	108-88-3	5	27	ug/Kg		V
42393	BH40265AE	10	10	FT	TOLUENE	108-88-3	6	39	ug/Kg		V
42493	BH40289AE	10	10	FT	TOLUENE	108-88-3	6	84	ug/Kg		V
42593	BH40294AE	10	10	FT	TOLUENE	108-88-3	6	91	ug/Kg		V
42993	BH40142AE	9	10	FT	TOLUENE	108-88-3	7	21	ug/Kg		V
42993	BH40147AE	14	14	FT	TOLUENE	108-88-3	6	160	ug/Kg		V
43193	BH40308AE	6	6	FT	TOLUENE	108-88-3	5	4	ug/Kg	J	A
43393	BH40331AE	9	9	FT	TOLUENE	108-88-3	6	69	ug/Kg		V
43493	BH40323AE	10	10	FT	TOLUENE	108-88-3	6	120	ug/Kg		V
43693	BH40342AE	6	6	FT	TOLUENE	108-88-3	5	34	ug/Kg		V
43693	BH40344AE	9	10	FT	TOLUENE	108-88-3	5	30	ug/Kg		V
43693	BH40347AE	13	13	FT	TOLUENE	108-88-3	6	120	ug/Kg		V
43793	BH40336AE	9	9	FT	TOLUENE	108-88-3	5	4	ug/Kg	J	A
43793	BH40339AE	14	14	FT	TOLUENE	108-88-3	6	92	ug/Kg		V
43893	BH40072AE	6	6	FT	TOLUENE	108-88-3	6	21	ug/Kg		V
43893	BH40076AE	9	9	FT	TOLUENE	108-88-3	6	110	ug/Kg		V
43893	BH40074AE	12	13	FT	TOLUENE	108-88-3	5	170	ug/Kg		V
43893	BH40077AE	15	15	FT	TOLUENE	108-88-3	31	130	ug/Kg		V
43993	BH40360AE	16	17	FT	TOLUENE	108-88-3	7	73	ug/Kg		V
44093	BH40350AE	6	6	FT	TOLUENE	108-88-3	6	170	ug/Kg		V
44093	BH40352AE	14	15	FT	TOLUENE	108-88-3	6	140	ug/Kg		V
44393	BH40037AE	10	10	FT	TOLUENE	108-88-3	6	75	ug/Kg		V
44593	BH40004AE	10	10	FT	TOLUENE	108-88-3	5	97	ug/Kg		V
44593	BH40006AE	14	14	FT	TOLUENE	108-88-3	5	120	ug/Kg		V
44893	BH40189AE	6	6	FT	TOLUENE	108-88-3	6	120	ug/Kg		V
44893	BH40192AE	7	7	FT	TOLUENE	108-88-3	6	130	ug/Kg		V
44893	BH40195AE	12	12	FT	TOLUENE	108-88-3	6	76	ug/Kg		V
44893	BH40194AE	16	16	FT	TOLUENE	108-88-3	6	97	ug/Kg		V
45693	BH40373AE	9	9	FT	TOLUENE	108-88-3	6	220	ug/Kg		V
45893	BH40381AE	9	10	FT	TOLUENE	108-88-3	5	66	ug/Kg		V
46193	BH40387AE	8	8	FT	TOLUENE	108-88-3	6	72	ug/Kg		V
46593	BH40704AE	6	7	FT	TOLUENE	108-88-3	5	18	ug/Kg		V
46593	BH40712AE	10	10	FT	TOLUENE	108-88-3	5	66	ug/Kg		V
46693	BH40719AE	6	6	FT	TOLUENE	108-88-3	5	21	ug/Kg		J
46693	BH40727AE	14	15	FT	TOLUENE	108-88-3	5	22	ug/Kg		V

563

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46793	BH40733AE	6	6	FT	TOLUENE	108-88-3	5	39	ug/Kg		V
46793	BH40741AE	8	8	FT	TOLUENE	108-88-3	5	97	ug/Kg		V
46893	BH40747AE	6	6	FT	TOLUENE	108-88-3	5	57	ug/Kg		V
46893	BH40750AE	10	10	FT	TOLUENE	108-88-3	5	41	ug/Kg		V
46893	BH40755AE	12	12	FT	TOLUENE	108-88-3	5	59	ug/Kg		V
46993	BH40769AE	7	7	FT	TOLUENE	108-88-3	5	66	ug/Kg		V
P208989	SEP1789BR0810	9	11	FT	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	TOLUENE	108-88-3	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	TOLUENE	108-88-3	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	TOLUENE	108-88-3	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	18	FT	TOLUENE	108-88-3	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	TOLUENE	108-88-3	690	340	ug/Kg	J	A
P210189	SEP3089BR2426	25	27	FT	TOLUENE	108-88-3	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	TOLUENE	108-88-3	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	TOLUENE	108-88-3	6	6	ug/Kg	U	V
42193	BH40086AE	10	16	FT	TOXAPHENE	8001-35-2	200	200	ug/Kg	U	V
42193	BH40091AE	16	22	FT	TOXAPHENE	8001-35-2	200	200	ug/Kg	U	V
42193	BH40430AE	22	28	FT	TOXAPHENE	8001-35-2	190	190	ug/Kg	U	V
42193	BH40433AE	28	31	FT	TOXAPHENE	8001-35-2	190	190	ug/Kg	U	V
42293	BH40256AE	6	11	FT	TOXAPHENE	8001-35-2	190	190	ug/Kg	U	V
42293	BH40258AE	11	13	FT	TOXAPHENE	8001-35-2	190	190	ug/Kg	U	V
42593	BH40450AE	8	10	FT	TOXAPHENE	8001-35-2	180	180	ug/Kg	U	V
42593	BH40290AE	10	17	FT	TOXAPHENE	8001-35-2	190	190	ug/Kg	U	J
43393	BH40324AE	8	13	FT	TOXAPHENE	8001-35-2	190	190	ug/Kg	U	V
46593	BH40713AE	11	16	FT	TOXAPHENE	8001-35-2	160	190	ug/Kg	U	V
46693	BH40728AE	9	15	FT	TOXAPHENE	8001-35-2	160	190	ug/Kg	U	V
46793	BH40742AE	8	15	FT	TOXAPHENE	8001-35-2	160	190	ug/Kg	U	V
46893	BH40807AE	6	12	FT	TOXAPHENE	8001-35-2	160	170	ug/Kg	U	V
46993	BH40770AE	7	13	FT	TOXAPHENE	8001-35-2	160	190	ug/Kg	U	V
05093	BH00065AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V

564

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
43193	BH40308AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
45693	BH40373AE	9	9	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	6	ug/Kg	U	J
46693	BH40727AE	14	15	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
42193	BH40086AE	10	16	FT	TRIBUTYL PHOSPHATE	126-73-8	410	410	ug/Kg	U	V
42193	BH40091AE	16	22	FT	TRIBUTYL PHOSPHATE	126-73-8	410	410	ug/Kg	U	V
42193	BH40430AE	22	28	FT	TRIBUTYL PHOSPHATE	126-73-8	400	400	ug/Kg	U	V
42193	BH40433AE	28	31	FT	TRIBUTYL PHOSPHATE	126-73-8	400	400	ug/Kg	U	V
42593	BH40450AE	8	10	FT	TRIBUTYL PHOSPHATE	126-73-8	380	380	ug/Kg	U	V
42593	BH40290AE	10	17	FT	TRIBUTYL PHOSPHATE	126-73-8	390	390	ug/Kg	U	J
05393	BH00078AE	6	6	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
05393	BH00080AE	8	9	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
40093	BH40171AE	10	10	FT	VINYL ACETATE	108-05-4	61	61	ug/Kg	U	V
40293	BH40120AE	6	6	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
40293	BH40120AE	6	6	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
40393	BH40125AE	6	6	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
40393	BH40125AE	6	6	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
40793	BH40161AE	10	10	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
40893	BH40029AE	7	7	FT	VINYL ACETATE	108-05-4	10	12	ug/Kg	U	V
40993	BH40205AE	9	10	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
40993	BH40208AE	31	31	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
41193	BH40051AE	6	6	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
41193	BH40053AE	10	10	FT	VINYL ACETATE	108-05-4	13	13	ug/Kg	U	V

565

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41293	BH40198AE	6	6	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
41593	BH40216AE	7	8	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
41693	BH40219AE	6	6	FT	VINYL ACETATE	108-05-4	14	14	ug/Kg	U	V
41693	BH40221AE	10	10	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
41693	BH40223AE	17	17	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
41993	BH40066AE	10	10	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
42093	BH40104AE	6	6	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
42193	BH40437AE	6	6	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
42193	BH40090AE	10	10	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
42293	BH40255AE	7	8	FT	VINYL ACETATE	108-05-4	10	10	ug/Kg	U	J
42293	BH40257AE	11	11	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	J
42393	BH40263AE	6	6	FT	VINYL ACETATE	108-05-4	10	10	ug/Kg	U	V
42393	BH40265AE	10	10	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
42493	BH40289AE	10	10	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
42593	BH40294AE	10	10	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
42993	BH40142AE	9	10	FT	VINYL ACETATE	108-05-4	13	13	ug/Kg	U	V
42993	BH40147AE	14	14	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
43193	BH40308AE	6	6	FT	VINYL ACETATE	108-05-4	10	10	ug/Kg	U	V
43393	BH40331AE	9	9	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
43493	BH40323AE	10	10	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
43693	BH40342AE	6	6	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
43693	BH40344AE	9	10	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
43693	BH40347AE	13	13	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
43793	BH40336AE	9	9	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
43793	BH40339AE	14	14	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
43893	BH40072AE	6	6	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
43893	BH40076AE	9	9	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
43893	BH40074AE	12	13	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
43893	BH40077AE	15	15	FT	VINYL ACETATE	108-05-4	61	61	ug/Kg	U	V
43993	BH40360AE	16	17	FT	VINYL ACETATE	108-05-4	13	13	ug/Kg	U	V
44093	BH40350AE	6	6	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
44093	BH40352AE	14	15	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
44393	BH40037AE	10	10	FT	VINYL ACETATE	108-05-4	13	13	ug/Kg	U	V
44593	BH40004AE	10	10	FT	VINYL ACETATE	108-05-4	10	11	ug/Kg	U	V
44593	BH40006AE	14	14	FT	VINYL ACETATE	108-05-4	10	13	ug/Kg	U	V
44893	BH40189AE	6	6	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
44893	BH40192AE	7	7	FT	VINYL ACETATE	108-05-4	13	13	ug/Kg	U	V
44893	BH40195AE	12	12	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
44893	BH40194AE	16	16	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
45693	BH40373AE	9	9	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
45693	BH40381AE	9	10	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
46193	BH40387AE	8	8	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
46593	BH40704AE	6	7	FT	VINYL ACETATE	108-05-4	10	11	ug/Kg	U	V
46593	BH40712AE	10	10	FT	VINYL ACETATE	108-05-4	10	12	ug/Kg	U	V
46693	BH40719AE	6	6	FT	VINYL ACETATE	108-05-4	10	11	ug/Kg	U	J
46693	BH40727AE	14	15	FT	VINYL ACETATE	108-05-4	10	12	ug/Kg	U	V
46793	BH40733AE	6	6	FT	VINYL ACETATE	108-05-4	10	12	ug/Kg	U	V
46793	BH40741AE	8	8	FT	VINYL ACETATE	108-05-4	10	12	ug/Kg	U	V
46893	BH40747AE	6	6	FT	VINYL ACETATE	108-05-4	10	11	ug/Kg	U	V
46893	BH40750AE	10	10	FT	VINYL ACETATE	108-05-4	10	11	ug/Kg	U	V
46893	BH40755AE	12	12	FT	VINYL ACETATE	108-05-4	10	12	ug/Kg	U	V
46993	BH40769AE	7	7	FT	VINYL ACETATE	108-05-4	10	13	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	VINYL ACETATE	108-05-4	11	11	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	VINYL ACETATE	108-05-4	13	13	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	VINYL ACETATE	108-05-4	13	13	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	VINYL ACETATE	108-05-4	1400	1400	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	VINYL ACETATE	108-05-4	1200	1200	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	VINYL ACETATE	108-05-4	1400	1400	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	VINYL ACETATE	108-05-4	1400	1400	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	VINYL ACETATE	108-05-4	1500	1500	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
05093	BH00065AE	10	10	FT	VINYL CHLORIDE	75-01-4	13	13	ug/Kg	U	V
05193	BH00068AE	6	6	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V

566

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
05193	BH00070AE	10	10	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
05193	BH00085AE	14	14	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
05393	BH00078AE	6	6	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
05393	BH00080AE	8	9	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
40093	BH40171AE	10	10	FT	VINYL CHLORIDE	75-01-4	61	61	ug/Kg	U	V
40293	BH40120AE	6	6	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
40293	BH40120AE	6	6	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
40393	BH40125AE	6	6	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
40393	BH40125AE	6	6	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
40793	BH40161AE	10	10	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
40893	BH40029AE	7	7	FT	VINYL CHLORIDE	75-01-4	10	12	ug/Kg	U	V
40993	BH40205AE	9	10	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
40993	BH40208AE	31	31	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
41193	BH40051AE	6	6	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
41193	BH40053AE	10	10	FT	VINYL CHLORIDE	75-01-4	13	13	ug/Kg	U	V
41293	BH40198AE	6	6	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
41593	BH40216AE	7	8	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
41693	BH40219AE	6	6	FT	VINYL CHLORIDE	75-01-4	14	14	ug/Kg	U	V
41693	BH40221AE	10	10	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
41693	BH40223AE	17	17	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
41993	BH40066AE	10	10	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
42093	BH40104AE	6	6	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
42193	BH40437AE	6	6	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
42193	BH40090AE	10	10	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
42293	BH40255AE	7	8	FT	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	J
42293	BH40257AE	11	11	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	J
42393	BH40263AE	6	6	FT	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	V
42393	BH40265AE	10	10	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
42493	BH40289AE	10	10	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
42593	BH40294AE	10	10	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
42993	BH40142AE	9	10	FT	VINYL CHLORIDE	75-01-4	13	13	ug/Kg	U	V
42993	BH40147AE	14	14	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
43193	BH40308AE	6	6	FT	VINYL CHLORIDE	75-01-4	10	10	ug/Kg	U	V
43393	BH40331AE	9	9	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
43493	BH40323AE	10	10	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
43693	BH40342AE	6	6	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
43693	BH40344AE	9	10	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
43693	BH40347AE	13	13	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
43793	BH40336AE	9	9	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
43793	BH40339AE	14	14	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
43893	BH40072AE	6	6	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
43893	BH40076AE	9	9	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
43893	BH40074AE	12	13	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
43893	BH40077AE	15	15	FT	VINYL CHLORIDE	75-01-4	61	61	ug/Kg	U	V
43993	BH40360AE	16	17	FT	VINYL CHLORIDE	75-01-4	13	13	ug/Kg	U	V
44093	BH40350AE	6	6	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
44093	BH40352AE	14	15	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
44393	BH40037AE	10	10	FT	VINYL CHLORIDE	75-01-4	13	13	ug/Kg	U	V
44593	BH40004AE	10	10	FT	VINYL CHLORIDE	75-01-4	10	11	ug/Kg	U	V
44593	BH40006AE	14	14	FT	VINYL CHLORIDE	75-01-4	10	13	ug/Kg	U	V
44893	BH40189AE	6	6	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
44893	BH40192AE	7	7	FT	VINYL CHLORIDE	75-01-4	13	13	ug/Kg	U	V
44893	BH40195AE	12	12	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
44893	BH40194AE	16	16	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
45693	BH40373AE	9	9	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
45893	BH40381AE	9	10	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
46193	BH40387AE	8	8	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
46593	BH40704AE	6	7	FT	VINYL CHLORIDE	75-01-4	10	11	ug/Kg	U	V
46593	BH40712AE	10	10	FT	VINYL CHLORIDE	75-01-4	10	12	ug/Kg	U	V
46693	BH40719AE	6	6	FT	VINYL CHLORIDE	75-01-4	10	11	ug/Kg	U	J
46693	BH40727AE	14	15	FT	VINYL CHLORIDE	75-01-4	10	12	ug/Kg	U	V
46793	BH40733AE	6	6	FT	VINYL CHLORIDE	75-01-4	10	12	ug/Kg	U	V
46793	BH40741AE	8	8	FT	VINYL CHLORIDE	75-01-4	10	12	ug/Kg	U	V
46893	BH40747AE	6	6	FT	VINYL CHLORIDE	75-01-4	10	11	ug/Kg	U	V
46893	BH40750AE	10	10	FT	VINYL CHLORIDE	75-01-4	10	11	ug/Kg	U	V
46893	BH40755AE	12	12	FT	VINYL CHLORIDE	75-01-4	10	12	ug/Kg	U	V
46993	BH40769AE	7	7	FT	VINYL CHLORIDE	75-01-4	10	13	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V

567

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	[illegible]	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209489	SEP2289BR0810	8	10	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	VINYL CHLORIDE	75-01-4	11	11	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	VINYL CHLORIDE	75-01-4	13	13	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	VINYL CHLORIDE	75-01-4	13	13	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	VINYL CHLORIDE	75-01-4	1400	1400	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	VINYL CHLORIDE	75-01-4	1200	1200	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	VINYL CHLORIDE	75-01-4	1400	1400	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	VINYL CHLORIDE	75-01-4	1400	1400	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	VINYL CHLORIDE	75-01-4	1500	1500	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
05093	BH00065AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
05193	BH00068AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
05193	BH00070AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
05193	BH00085AE	14	14	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
05393	BH00078AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
05393	BH00080AE	8	9	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
40093	BH40171AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	30	30	ug/Kg	U	V
40293	BH40120AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
40293	BH40120AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
40393	BH40125AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
40793	BH40161AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
40893	BH40029AE	7	7	FT	XYLENES (TOTAL)	1330-20-7	5	6	ug/Kg	U	V
40993	BH40205AE	9	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
40993	BH40208AE	31	31	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
41193	BH40051AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
41193	BH40053AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	7	7	ug/Kg	U	V
41293	BH40198AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
41593	BH40216AE	7	8	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
41693	BH40219AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	7	7	ug/Kg	U	V
41693	BH40221AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
41693	BH40223AE	17	17	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
41993	BH40066AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
42093	BH40104AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
42193	BH40437AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
42193	BH40090AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
42293	BH40255AE	7	8	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	J
42293	BH40257AE	11	11	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	J
42393	BH40263AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
42393	BH40265AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
42493	BH40289AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
42593	BH40294AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
42993	BH40142AE	9	10	FT	XYLENES (TOTAL)	1330-20-7	7	7	ug/Kg	U	V
42993	BH40147AE	14	14	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
43193	BH40308AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
43393	BH40331AE	9	9	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
43493	BH40323AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
43693	BH40342AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
43693	BH40344AE	9	10	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
43693	BH40347AE	13	13	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
43793	BH40336AE	9	9	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
43793	BH40339AE	14	14	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
43893	BH40072AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
43893	BH40076AE	9	9	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
43893	BH40074AE	12	13	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
43893	BH40077AE	15	15	FT	XYLENES (TOTAL)	1330-20-7	31	31	ug/Kg	U	V
43993	BH40360AE	16	17	FT	XYLENES (TOTAL)	1330-20-7	7	7	ug/Kg	U	V
44093	BH40350AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
44093	BH40352AE	14	15	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
44393	BH40037AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
44593	BH40004AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	5	6	ug/Kg	U	V
44593	BH40006AE	14	14	FT	XYLENES (TOTAL)	1330-20-7	5	6	ug/Kg	U	V
44893	BH40189AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
44893	BH40192AE	7	7	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
44893	BH40195AE	12	12	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
44893	BH40194AE	16	16	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
45893	BH40373AE	9	9	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
45893	BH40381AE	9	10	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
46193	BH40387AE	8	8	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
46593	BH40704AE	6	7	FT	XYLENES (TOTAL)	1330-20-7	5	6	ug/Kg	U	V
46593	BH40712AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	5	6	ug/Kg	U	V
46693	BH40719AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	5	6	ug/Kg	U	J

568

Table A.10 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Organics

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46693	BH40727AE	14	15	FT	XYLENES (TOTAL)	1330-20-7	5	6	ug/Kg	U	V
46793	BH40733AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	5	6	ug/Kg	U	V
46793	BH40741AE	8	8	FT	XYLENES (TOTAL)	1330-20-7	5	6	ug/Kg	U	V
46893	BH40747AE	6	6	FT	XYLENES (TOTAL)	1330-20-7	5	6	ug/Kg	U	V
46893	BH40750AE	10	10	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
46893	BH40755AE	12	12	FT	XYLENES (TOTAL)	1330-20-7	5	6	ug/Kg	U	V
46993	BH40769AE	7	7	FT	XYLENES (TOTAL)	1330-20-7	5	6	ug/Kg	U	V
P208989	SEP1789BR0810	9	11	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P208989	SEP1789BR1214	13	15	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P208989	SEP1789BR1618	17	19	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P209189	SEP1989BR0810	8	10	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/Kg	U	V
P209189	SEP1989BR1214	12	14	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P209189	SEP1989BR1618	16	18	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P209189	SEP1989BR2021	20	21	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P209189	SEP1989BR2223	22	23	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P209489	SEP2289BR0810	8	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P209489	SEP2289BR1618	16	18	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P209489	SEP2289BR2022	20	22	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P209889	SEP2689BR0810	8	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P209889	SEP2689BR1214	12	13	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P210189	SEP3089BR0810	9	9	FT	XYLENES (TOTAL)	1330-20-7	690	690	ug/Kg	U	V
P210189	SEP3089BR1214	13	14	FT	XYLENES (TOTAL)	1330-20-7	610	610	ug/Kg	U	V
P210189	SEP3089BR1618	17	19	FT	XYLENES (TOTAL)	1330-20-7	690	690	ug/Kg	U	V
P210189	SEP3089BR2022	21	23	FT	XYLENES (TOTAL)	1330-20-7	690	690	ug/Kg	U	V
P210189	SEP3089BR2426	25	27	FT	XYLENES (TOTAL)	1330-20-7	740	740	ug/Kg	U	V
P210289	SEP3189BR0810	8	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P210289	SEP3189BR1214	12	14	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
P210289	SEP3189BR1618	16	18	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V

569

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41193	BH40052AE	6	8	FT	AMERICIUM-241	14596-10-2	0.002	0.005	pCi/g	BJ	V
41993	BH40065AE	6	12	FT	AMERICIUM-241	14596-10-2	0.01	0	pCi/g	U	A
43893	BH40073AE	6	11	FT	AMERICIUM-241	14596-10-2	0.002	0.004	pCi/g	BJ	V
42193	BH40086AE	10	16	FT	AMERICIUM-241	14596-10-2	0.007	0.003	pCi/g	U	A
42193	BH40091AE	16	22	FT	AMERICIUM-241	14596-10-2	0.004	0.003	pCi/g	U	A
40993	BH40204AE	6	10	FT	AMERICIUM-241	14596-10-2	0.017	0.042	pCi/g		V
40993	BH40206AE	10	19	FT	AMERICIUM-241	14596-10-2	0.006	0.003	pCi/g	U	V
41693	BH40220AE	6	12	FT	AMERICIUM-241	14596-10-2	0.002	0.28	pCi/g		A
41793	BH40246AE	6	11	FT	AMERICIUM-241	14596-10-2	0.015	0.069	pCi/g		A
42293	BH40256AE	6	11	FT	AMERICIUM-241	14596-10-2	0.00269614	0.002989	pCi/g		V
42293	BH40258AE	11	13	FT	AMERICIUM-241	14596-10-2	0.002574	0.006658	pCi/g		V
42393	BH40264AE	6	8	FT	AMERICIUM-241	14596-10-2	0.002	0.063	pCi/g		V
42593	BH40290AE	10	17	FT	AMERICIUM-241	14596-10-2	0.007	0	pCi/g	U	A
43193	BH40309AE	6	11	FT	AMERICIUM-241	14596-10-2	0.009	0.011	pCi/g	J	A
43393	BH40324AE	8	13	FT	AMERICIUM-241	14596-10-2	0.012	0	pCi/g	U	A
43793	BH40335AE	6	12	FT	AMERICIUM-241	14596-10-2	0.012	0.072	pCi/g		A
44093	BH40351AE	6	10	FT	AMERICIUM-241	14596-10-2	0.002	0.004471	pCi/g		A
40993	BH40415AE	20	29	FT	AMERICIUM-241	14596-10-2	0.004	0.002	pCi/g	U	V
40993	BH40416AE	31	35	FT	AMERICIUM-241	14596-10-2	0.002	0.013	pCi/g	J	V
41593	BH40424AE	6	8	FT	AMERICIUM-241	14596-10-2	0.009	-0.002	pCi/g	U	V
42193	BH40430AE	22	28	FT	AMERICIUM-241	14596-10-2	0.006	0	pCi/g	U	A
42193	BH40432AE	6	10	FT	AMERICIUM-241	14596-10-2	0.009	0.001	pCi/g	U	A
42193	BH40433AE	28	31	FT	AMERICIUM-241	14596-10-2	0.007	0.002	pCi/g	U	A
42493	BH40445AE	8	10	FT	AMERICIUM-241	14596-10-2	0.009	0.015	pCi/g	J	V
42593	BH40450AE	8	10	FT	AMERICIUM-241	14596-10-2	0.006	0.003	pCi/g	U	V
43693	BH40521AE	6	8	FT	AMERICIUM-241	14596-10-2	0.01	0.005	pCi/g	U	V
43693	BH40522AE	8	10	FT	AMERICIUM-241	14596-10-2	0.004	0.008	pCi/g	J	V
43693	BH40525AE	10	13	FT	AMERICIUM-241	14596-10-2	0.005	0.009	pCi/g	J	V
46593	BH40711AE	9	11	FT	AMERICIUM-241	14596-10-2	0.0040236	0.03336	pCi/g		A
46593	BH40713AE	11	16	FT	AMERICIUM-241	14596-10-2	0.00421497	0.04278	pCi/g		A
46693	BH40726AE	7	8	FT	AMERICIUM-241	14596-10-2	0.00394154	0.06828	pCi/g		A
46693	BH40728AE	9	15	FT	AMERICIUM-241	14596-10-2	0.00419568	0.03284	pCi/g		A
46793	BH40740AE	6	8	FT	AMERICIUM-241	14596-10-2	0.00601519	0.00808	pCi/g		V
46793	BH40742AE	8	15	FT	AMERICIUM-241	14596-10-2	0.00586567	0.01012	pCi/g		V
46893	BH40748AE	7	9	FT	AMERICIUM-241	14596-10-2	0.00228808	0.001691	pCi/g	U	V
46893	BH40749AE	9	11	FT	AMERICIUM-241	14596-10-2	0.00226551	0.00586	pCi/g		V
46893	BH40754AE	12	12	FT	AMERICIUM-241	14596-10-2	0.00415862	0.04876	pCi/g		V
46993	BH40768AE	6	7	FT	AMERICIUM-241	14596-10-2	0.00908553	0.006715	pCi/g	U	V
46993	BH40770AE	7	13	FT	AMERICIUM-241	14596-10-2	0.0025021	0.006472	pCi/g		V
47093	BH40776AE	7	9	FT	AMERICIUM-241	14596-10-2	0.0060953	0.03043	pCi/g		V
P207589	SEP0389BR1521	15	21	FT	AMERICIUM-241	14596-10-2	0.02	0.02	pCi/g		
P209089	SEP1889BR1218	12	18	FT	AMERICIUM-241	14596-10-2	0.02	0	pCi/g	U	
P209089	SEP1889BR1824	18	24	FT	AMERICIUM-241	14596-10-2	0.02	0	pCi/g	U	
P209189	SEP1989BR1016	10	16	FT	AMERICIUM-241	14596-10-2	0.01	0.01	pCi/g		
P209189	SEP1989BR1622	16	22	FT	AMERICIUM-241	14596-10-2	0.01	0	pCi/g	U	
P209489	SEP2289BR0912	9	12	FT	AMERICIUM-241	14596-10-2	0.01	0.01	pCi/g		
P209489	SEP2289BR1213	12	13	FT	AMERICIUM-241	14596-10-2	0.01	0.02	pCi/g		
P209489	SEP2289BR1416	14	16	FT	AMERICIUM-241	14596-10-2	0.02	0.01	pCi/g	U	
P209489	SEP2289BR1621	16	21	FT	AMERICIUM-241	14596-10-2	0.02	0.01	pCi/g	U	
P209889	SEP2689BR1016	10	16	FT	AMERICIUM-241	14596-10-2	0.01	0	pCi/g	U	
P210189	SEP3089BR0915	9	15	FT	AMERICIUM-241	14596-10-2	0.01	0.13	pCi/g		
P210189	SEP3089BR1521	15	21	FT	AMERICIUM-241	14596-10-2	0.02	0.1	pCi/g		
P210189	SEP3089BR2127	21	27	FT	AMERICIUM-241	14596-10-2	0.02	0.1	pCi/g		
P210289	SEP3189BR0713	7	13	FT	AMERICIUM-241	14596-10-2	0.01	0	pCi/g	U	
P210289	SEP3189BR1319	13	19	FT	AMERICIUM-241	14596-10-2	0.02	0.09	pCi/g		
SP0187	SP018711DH	10	12	FT	AMERICIUM-241	14596-10-2		0.05	pCi/g		N
SP0187	SP018713DH	13	15	FT	AMERICIUM-241	14596-10-2		0.04	pCi/g		N
SP0187	SP018716BR	15	17	FT	AMERICIUM-241	14596-10-2		0.07	pCi/g		N
SP0187	SP018721DH	20	22	FT	AMERICIUM-241	14596-10-2		0.07	pCi/g		N
SP0187	SP018723DH	23	24	FT	AMERICIUM-241	14596-10-2		0.08	pCi/g		N
SP0287	SP028708UC	8	10	FT	AMERICIUM-241	14596-10-2		0.02	pCi/g		N
SP0287	SP028711CT	10	13	FT	AMERICIUM-241	14596-10-2		0.01	pCi/g		N
SP0287	SP028713BR	13	15	FT	AMERICIUM-241	14596-10-2		0.04	pCi/g		N
SP0387	SP038711DH	10	12	FT	AMERICIUM-241	14596-10-2		0.09	pCi/g		N
SP0387	SP038713CT	13	14	FT	AMERICIUM-241	14596-10-2		0.05	pCi/g		N
SP0387	SP038716BR	15	17	FT	AMERICIUM-241	14596-10-2		0.03	pCi/g		N
SP0487	SP048707DH	7	9	FT	AMERICIUM-241	14596-10-2		0.06	pCi/g		N

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SP0487	SP048712DH	12	14	FT	AMERICIUM-241	14596-10-2		0.03	pCi/g		N
SP0487	SP048717DH	17	20	FT	AMERICIUM-241	14596-10-2		0	pCi/g		N
SP0487	SP048720DH	20	22	FT	AMERICIUM-241	14596-10-2		0.1	pCi/g		N
SP0487	SP048722DH	22	24	FT	AMERICIUM-241	14596-10-2		0	pCi/g		N
SP0487	SP048725DH	24	27	FT	AMERICIUM-241	14596-10-2		0.01	pCi/g		N
SP0487	SP048727DH	27	30	FT	AMERICIUM-241	14596-10-2		0.02	pCi/g		N
SP0487	SP048730DH	30	32	FT	AMERICIUM-241	14596-10-2		0.03	pCi/g		N
SP0487	SP048732DH	32	34	FT	AMERICIUM-241	14596-10-2		0.02	pCi/g		N
SP0587	SP058707DH	7	8	FT	AMERICIUM-241	14596-10-2		0.06	pCi/g		N
SP0587	SP058710DH	10	10	FT	AMERICIUM-241	14596-10-2		0	pCi/g		N
SP0587	SP058712DH	13	14	FT	AMERICIUM-241	14596-10-2		0.04	pCi/g		N
SP0587	SP058716DH	15	17	FT	AMERICIUM-241	14596-10-2		0.05	pCi/g		N
SP0687	SP068708DH	8	10	FT	AMERICIUM-241	14596-10-2		0.07	pCi/g		N
SP0687	SP068711DH	10	12	FT	AMERICIUM-241	14596-10-2		0.01	pCi/g		N
SP0687	SP068713DH	13	14	FT	AMERICIUM-241	14596-10-2		0.08	pCi/g		N
SP0687	SP068716DH	16	18	FT	AMERICIUM-241	14596-10-2		0.01	pCi/g		N
SP0687	SP068718DH	18	20	FT	AMERICIUM-241	14596-10-2		0.04	pCi/g		N
SP0687	SP068721DH	20	23	FT	AMERICIUM-241	14596-10-2		0.03	pCi/g		N
SP0687	SP068724DH	23	26	FT	AMERICIUM-241	14596-10-2		0.04	pCi/g		N
SP0687	SP068726DH	26	28	FT	AMERICIUM-241	14596-10-2		0.05	pCi/g		N
SP0787	SP078711DH	10	12	FT	AMERICIUM-241	14596-10-2		0	pCi/g		N
SP0787	SP078713DH	13	15	FT	AMERICIUM-241	14596-10-2		-0.06	pCi/g		N
SP0787	SP078716DH	16	17	FT	AMERICIUM-241	14596-10-2		0	pCi/g		N
SP0787	SP078718WT	18	19	FT	AMERICIUM-241	14596-10-2		0.05	pCi/g		N
SP0787	SP078721CT	20	23	FT	AMERICIUM-241	14596-10-2		-0.01	pCi/g		N
SP0787	SP078723BR	23	26	FT	AMERICIUM-241	14596-10-2		0.01	pCi/g		N
SP0787	SP078726DH	26	28	FT	AMERICIUM-241	14596-10-2		0	pCi/g		N
SP0887	SP088706CT	7	8	FT	AMERICIUM-241	14596-10-2		0.01	pCi/g		N
SP0887	SP088709BR	9	12	FT	AMERICIUM-241	14596-10-2		0.06	pCi/g		N
SP0987	SP098706CT	6	8	FT	AMERICIUM-241	14596-10-2		0.06	pCi/g		N
SP0987	SP098708BR	8	11	FT	AMERICIUM-241	14596-10-2		0	pCi/g		N
SP1087	SP108707DH	7	9	FT	AMERICIUM-241	14596-10-2		0.06	pCi/g		N
SP1087	SP108709DH	9	11	FT	AMERICIUM-241	14596-10-2		0.07	pCi/g		N
SP1087	SP108711DH	11	13	FT	AMERICIUM-241	14596-10-2		0	pCi/g		N
SP1087	SP108713DH	13	15	FT	AMERICIUM-241	14596-10-2		0.01	pCi/g		N
SP1087	SP108715DH	15	17	FT	AMERICIUM-241	14596-10-2		0.03	pCi/g		N
SP1087	SP108717DH	17	19	FT	AMERICIUM-241	14596-10-2		-0.03	pCi/g		N
SP1087	SP108719DH	19	21	FT	AMERICIUM-241	14596-10-2		0.11	pCi/g		N
SP1087	SP108721WT	21	23	FT	AMERICIUM-241	14596-10-2		0	pCi/g		N
SP1087	SP108723DH	23	24	FT	AMERICIUM-241	14596-10-2		0.04	pCi/g		N
SP1087	SP108724DH	24	26	FT	AMERICIUM-241	14596-10-2		-0.02	pCi/g		N
SP1387	SP138706DH	6	9	FT	AMERICIUM-241	14596-10-2		-0.03	pCi/g		N
SP1387	SP138709DH	9	12	FT	AMERICIUM-241	14596-10-2		-0.02	pCi/g		N
SP1387	SP138711DH	12	14	FT	AMERICIUM-241	14596-10-2		0	pCi/g		N
SP1587	SP158708DH	8	10	FT	AMERICIUM-241	14596-10-2		-0.04	pCi/g		N
SP1587	SP158710DH	10	12	FT	AMERICIUM-241	14596-10-2		0	pCi/g		N
SP1587	SP158712WT	12	14	FT	AMERICIUM-241	14596-10-2		0.03	pCi/g		N
SP1587	SP158714CT	14	17	FT	AMERICIUM-241	14596-10-2		0.05	pCi/g		N
SP1587	SP158717BR	17	20	FT	AMERICIUM-241	14596-10-2		0.01	pCi/g		N
41193	BH40052AE	6	8	FT	CESIUM-134	13967-70-9	0.11	0.003	pCi/g	U	V
41993	BH40065AE	6	12	FT	CESIUM-134	13967-70-9	0.08	0.001	pCi/g	U	J
43893	BH40073AE	6	11	FT	CESIUM-134	13967-70-9	0.1	0.003	pCi/g	U	V
42193	BH40086AE	10	16	FT	CESIUM-134	13967-70-9	0.076	0.076	pCi/g		Z
42193	BH40091AE	16	22	FT	CESIUM-134	13967-70-9	0.086	0.086	pCi/g		Z
40993	BH40204AE	6	10	FT	CESIUM-134	13967-70-9	0.11	0.11	pCi/g		Z
40993	BH40206AE	10	19	FT	CESIUM-134	13967-70-9	0.055	0.055	pCi/g		Z
41693	BH40220AE	6	12	FT	CESIUM-134	13967-70-9	0.11	0.005	pCi/g	U	V
41793	BH40246AE	6	11	FT	CESIUM-134	13967-70-9	0.11	0.005	pCi/g	U	V
42293	BH40256AE	6	11	FT	CESIUM-134	13967-70-9	0.0517	0.005345	pCi/g	U	Z
42293	BH40258AE	11	13	FT	CESIUM-134	13967-70-9	0.041	0.002115	pCi/g	U	Z
42393	BH40264AE	6	8	FT	CESIUM-134	13967-70-9	0.12	0.12	pCi/g		Z
42593	BH40290AE	10	17	FT	CESIUM-134	13967-70-9	0.074	0.074	pCi/g		Z
43193	BH40309AE	6	11	FT	CESIUM-134	13967-70-9	0.11	0.007	pCi/g	U	V
43393	BH40324AE	8	13	FT	CESIUM-134	13967-70-9	0.1	0.1	pCi/g		Z
43793	BH40335AE	6	12	FT	CESIUM-134	13967-70-9	0.11	0.007	pCi/g	U	V
40993	BH40415AE	20	29	FT	CESIUM-134	13967-70-9	0.06	0.06	pCi/g		Z
40993	BH40416AE	31	35	FT	CESIUM-134	13967-70-9	0.062	0.062	pCi/g		Z

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41593	BH40424AE	6	8	FT	CESIUM-134	13967-70-9	0.085	0.085	pCi/g		Z
42193	BH40430AE	22	28	FT	CESIUM-134	13967-70-9	0.074	0.074	pCi/g		Z
42193	BH40432AE	6	10	FT	CESIUM-134	13967-70-9	0.077	0.077	pCi/g		Z
42193	BH40433AE	28	31	FT	CESIUM-134	13967-70-9	0.073	0.073	pCi/g		Z
42493	BH40445AE	8	10	FT	CESIUM-134	13967-70-9	0.1	0.1	pCi/g		Z
42593	BH40450AE	8	10	FT	CESIUM-134	13967-70-9	0.098	0.098	pCi/g		Z
43693	BH40521AE	6	8	FT	CESIUM-134	13967-70-9	0.1	0.1	pCi/g		Z
43693	BH40522AE	8	10	FT	CESIUM-134	13967-70-9	0.1	0.1	pCi/g		Z
43693	BH40525AE	10	13	FT	CESIUM-134	13967-70-9	0.096	0.096	pCi/g		Z
46593	BH40711AE	9	11	FT	CESIUM-134	13967-70-9	0.02544	0.008534	pCi/g	U	V
46593	BH40713AE	11	16	FT	CESIUM-134	13967-70-9	0.03846	-0.0224	pCi/g	U	V
46693	BH40726AE	7	8	FT	CESIUM-134	13967-70-9	0.02903	-0.0093	pCi/g	U	V
46693	BH40728AE	9	15	FT	CESIUM-134	13967-70-9	0.0273	-0.0147	pCi/g	U	V
46793	BH40740AE	6	8	FT	CESIUM-134	13967-70-9	0.024	0.01082	pCi/g	U	V
46793	BH40742AE	8	15	FT	CESIUM-134	13967-70-9	0.022405	0.007692	pCi/g	U	V
46893	BH40748AE	7	9	FT	CESIUM-134	13967-70-9	0.022	-0.00436	pCi/g	U	V
46893	BH40749AE	9	11	FT	CESIUM-134	13967-70-9	0.021	-0.00431	pCi/g	U	V
46893	BH40754AE	12	12	FT	CESIUM-134	13967-70-9	0.028	-0.0172	pCi/g	U	V
46993	BH40768AE	6	7	FT	CESIUM-134	13967-70-9	0.02975	-0.0315	pCi/g	U	V
46993	BH40770AE	7	13	FT	CESIUM-134	13967-70-9	0.011	-0.00571	pCi/g	U	V
47093	BH40776AE	7	9	FT	CESIUM-134	13967-70-9	0.016	-0.00126	pCi/g	U	V
41193	BH40052AE	6	8	FT	CESIUM-137	10045-97-3	0.12	0.003	pCi/g	U	V
41993	BH40065AE	6	12	FT	CESIUM-137	10045-97-3	0.08	0.001	pCi/g	U	J
43893	BH40073AE	6	11	FT	CESIUM-137	10045-97-3	0.13	0.003	pCi/g	U	V
42193	BH40086AE	10	16	FT	CESIUM-137	10045-97-3	0.096	0	pCi/g	U	V
42193	BH40091AE	16	22	FT	CESIUM-137	10045-97-3	0.096	0	pCi/g	U	V
40993	BH40204AE	6	10	FT	CESIUM-137	10045-97-3	0.12	0.002	pCi/g	U	V
40993	BH40206AE	10	19	FT	CESIUM-137	10045-97-3	0.072	0.002	pCi/g	U	V
41693	BH40220AE	6	12	FT	CESIUM-137	10045-97-3	0.12	0.004	pCi/g	U	V
41793	BH40246AE	6	11	FT	CESIUM-137	10045-97-3	0.12	0.004	pCi/g	U	V
42293	BH40256AE	6	11	FT	CESIUM-137	10045-97-3	0.0492	-0.0138	pCi/g	U	A
42293	BH40258AE	11	13	FT	CESIUM-137	10045-97-3	0.0412	0.007416	pCi/g	U	A
42393	BH40264AE	6	8	FT	CESIUM-137	10045-97-3	0.12	0.003	pCi/g	U	V
42593	BH40290AE	10	17	FT	CESIUM-137	10045-97-3	0.088	0	pCi/g	U	V
43193	BH40309AE	6	11	FT	CESIUM-137	10045-97-3	0.14	0.002	pCi/g	U	V
43393	BH40324AE	8	13	FT	CESIUM-137	10045-97-3	0.14	0.01	pCi/g	U	V
43793	BH40335AE	6	12	FT	CESIUM-137	10045-97-3	0.13	0.002	pCi/g	U	V
44093	BH40351AE	6	10	FT	CESIUM-137	10045-97-3	0.0492	-0.0177	pCi/g	U	A
40993	BH40415AE	20	29	FT	CESIUM-137	10045-97-3	0.077	0.002	pCi/g	U	V
40993	BH40416AE	31	35	FT	CESIUM-137	10045-97-3	0.079	0.002	pCi/g	U	V
41593	BH40424AE	6	8	FT	CESIUM-137	10045-97-3	0.11	0.003	pCi/g	U	V
42193	BH40430AE	22	28	FT	CESIUM-137	10045-97-3	0.094	0	pCi/g	U	V
42193	BH40432AE	6	10	FT	CESIUM-137	10045-97-3	0.099	0.003	pCi/g	U	V
42193	BH40433AE	28	31	FT	CESIUM-137	10045-97-3	0.092	0	pCi/g	U	V
42493	BH40445AE	8	10	FT	CESIUM-137	10045-97-3	0.13	0.003	pCi/g	U	V
42593	BH40450AE	8	10	FT	CESIUM-137	10045-97-3	0.12	0.01	pCi/g	U	V
43693	BH40521AE	6	8	FT	CESIUM-137	10045-97-3	0.12	0.003	pCi/g	U	V
43693	BH40522AE	8	10	FT	CESIUM-137	10045-97-3	0.13	0.003	pCi/g	U	V
43693	BH40525AE	10	13	FT	CESIUM-137	10045-97-3	0.12	0.003	pCi/g	U	V
46593	BH40711AE	9	11	FT	CESIUM-137	10045-97-3	0.02606	-0.0119	pCi/g	U	V
46593	BH40713AE	11	16	FT	CESIUM-137	10045-97-3	0.03719	-0.00126	pCi/g	U	V
46693	BH40726AE	7	8	FT	CESIUM-137	10045-97-3	0.03117	0.005988	pCi/g	U	V
46693	BH40728AE	9	15	FT	CESIUM-137	10045-97-3	0.0255	-0.0378	pCi/g	U	V
46793	BH40740AE	6	8	FT	CESIUM-137	10045-97-3	0.027	0.006574	pCi/g	U	V
46793	BH40742AE	8	15	FT	CESIUM-137	10045-97-3	0.02521	-0.00496	pCi/g	U	V
46893	BH40748AE	7	9	FT	CESIUM-137	10045-97-3	0.022	-0.0119	pCi/g	U	V
46893	BH40749AE	9	11	FT	CESIUM-137	10045-97-3	0.02	-0.00225	pCi/g	U	V
46893	BH40754AE	12	12	FT	CESIUM-137	10045-97-3	0.028	-0.0189	pCi/g	U	V
46993	BH40768AE	6	7	FT	CESIUM-137	10045-97-3	0.03014	-0.0285	pCi/g	U	V
46993	BH40770AE	7	13	FT	CESIUM-137	10045-97-3	0.011	0.01221	pCi/g	X	V
47093	BH40776AE	7	9	FT	CESIUM-137	10045-97-3	0.017	0.0003447	pCi/g	U	V
P207589	SEP0389BR0915	9	15	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P207589	SEP0389BR1521	15	21	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P208889	SEP1689BR1016	10	15	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P208989	SEP1789BR0915	9	15	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P209089	SEP1889BR1218	12	18	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P209089	SEP1889BR1824	18	24	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209189	SEP1989BR1016	10	16	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P209189	SEP1989BR1622	16	22	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P209489	SEP2289BR0912	9	12	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P209489	SEP2289BR1213	12	13	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P209489	SEP2289BR1416	14	16	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P209489	SEP2289BR1621	16	21	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P209589	SEP2389BR1015	10	14	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P209889	SEP2689BR1016	10	16	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P210189	SEP3089BR0915	9	15	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P210189	SEP3089BR1521	15	21	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P210189	SEP3089BR2127	21	27	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P210289	SEP3189BR0713	7	13	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
P210289	SEP3189BR1319	13	19	FT	CESIUM-137	10045-97-3	0.1	0	pCi/g	U	
05093	BH00064AE	6	12	FT	GROSS ALPHA	12587-46-1	4.38	10.6	pCi/g		A
05393	BH00079AE	18	22	FT	GROSS ALPHA	12587-46-1	4.3	16.9	pCi/g		V
05393	BH00081AE	6	12	FT	GROSS ALPHA	12587-46-1	4	16.3	pCi/g		V
05393	BH00084AE	12	18	FT	GROSS ALPHA	12587-46-1	3.5	30	pCi/g		V
44593	BH40005AE	6	11	FT	GROSS ALPHA	12587-46-1	3.9	9.94	pCi/g		A
41193	BH40052AE	6	8	FT	GROSS ALPHA	12587-46-1	2.6	30	pCi/g		A
41993	BH40065AE	6	12	FT	GROSS ALPHA	12587-46-1	3	5.1	pCi/g		V
43893	BH40073AE	6	11	FT	GROSS ALPHA	12587-46-1	2.6	18	pCi/g		A
42193	BH40086AE	10	16	FT	GROSS ALPHA	12587-46-1	4.3	22	pCi/g		V
42193	BH40091AE	16	22	FT	GROSS ALPHA	12587-46-1	2.1	20	pCi/g		V
42993	BH40144AE	7	10	FT	GROSS ALPHA	12587-46-1	3.1	9.07	pCi/g		A
40793	BH40160AE	6	8	FT	GROSS ALPHA	12587-46-1	3	14	pCi/g		A
40093	BH40170AE	6	8	FT	GROSS ALPHA	12587-46-1	3.6	15.8	pCi/g		A
44893	BH40191AE	6	12	FT	GROSS ALPHA	12587-46-1	3.1	11.5	pCi/g		A
40993	BH40204AE	6	10	FT	GROSS ALPHA	12587-46-1	2.2	26	pCi/g		A
40993	BH40206AE	10	19	FT	GROSS ALPHA	12587-46-1	4.3	18	pCi/g		A
41693	BH40220AE	6	12	FT	GROSS ALPHA	12587-46-1	3.2	18	pCi/g		A
41793	BH40246AE	6	11	FT	GROSS ALPHA	12587-46-1	4.7	19	pCi/g		A
42293	BH40256AE	6	11	FT	GROSS ALPHA	12587-46-1	3.3433	14.13	pCi/g		A
42293	BH40258AE	11	13	FT	GROSS ALPHA	12587-46-1	2.28389	12.99	pCi/g		A
42393	BH40264AE	6	8	FT	GROSS ALPHA	12587-46-1	2.9	41	pCi/g		A
42593	BH40290AE	10	17	FT	GROSS ALPHA	12587-46-1	2.7	16	pCi/g		V
43193	BH40309AE	6	11	FT	GROSS ALPHA	12587-46-1	2.9	31	pCi/g		A
43793	BH40335AE	6	12	FT	GROSS ALPHA	12587-46-1	2.5	21	pCi/g		A
44093	BH40351AE	6	10	FT	GROSS ALPHA	12587-46-1	2.62	-0.498	pCi/g	U	V
45893	BH40380AE	6	9	FT	GROSS ALPHA	12587-46-1	2.38	10.88	pCi/g		V
45893	BH40382AE	9	18	FT	GROSS ALPHA	12587-46-1	2.84	8.053	pCi/g		V
40793	BH40414AE	8	13	FT	GROSS ALPHA	12587-46-1	2.8	10	pCi/g		A
40993	BH40415AE	20	29	FT	GROSS ALPHA	12587-46-1	3	13	pCi/g		A
40993	BH40416AE	31	35	FT	GROSS ALPHA	12587-46-1	2.8	12	pCi/g		A
41593	BH40424AE	6	8	FT	GROSS ALPHA	12587-46-1	2.5	11	pCi/g		A
42193	BH40430AE	22	28	FT	GROSS ALPHA	12587-46-1	2.5	15	pCi/g		V
42193	BH40433AE	28	31	FT	GROSS ALPHA	12587-46-1	3.4	21	pCi/g		V
42493	BH40445AE	8	10	FT	GROSS ALPHA	12587-46-1	1.9	15	pCi/g		A
42593	BH40450AE	8	10	FT	GROSS ALPHA	12587-46-1	2	14	pCi/g		A
43693	BH40521AE	6	8	FT	GROSS ALPHA	12587-46-1	3.5	24	pCi/g		A
43693	BH40522AE	8	10	FT	GROSS ALPHA	12587-46-1	3.6	30	pCi/g		A
43693	BH40525AE	10	13	FT	GROSS ALPHA	12587-46-1	2.8	18	pCi/g		A
46593	BH40711AE	9	11	FT	GROSS ALPHA	12587-46-1	2.69603	10.27	pCi/g		V
46593	BH40713AE	11	16	FT	GROSS ALPHA	12587-46-1	2.18485	12.16	pCi/g		V
46693	BH40726AE	7	8	FT	GROSS ALPHA	12587-46-1	2.4603	16.43	pCi/g		V
46693	BH40728AE	9	15	FT	GROSS ALPHA	12587-46-1	2.77142	13.13	pCi/g		V
46793	BH40740AE	6	8	FT	GROSS ALPHA	12587-46-1	2.90732	116.7	pCi/g		A
46793	BH40742AE	8	15	FT	GROSS ALPHA	12587-46-1	2.69496	10.72	pCi/g		A
46893	BH40748AE	7	9	FT	GROSS ALPHA	12587-46-1	3.34194	12.54	pCi/g		V
46893	BH40749AE	9	11	FT	GROSS ALPHA	12587-46-1	2.62128	4.933	pCi/g		V
46893	BH40754AE	12	12	FT	GROSS ALPHA	12587-46-1	2.97271	12.84	pCi/g		V
46993	BH40768AE	6	7	FT	GROSS ALPHA	12587-46-1	3.33797	18.63	pCi/g		V
46993	BH40770AE	7	13	FT	GROSS ALPHA	12587-46-1	3.03859	8.231	pCi/g		V
47093	BH40776AE	7	9	FT	GROSS ALPHA	12587-46-1	2.45931	11.45	pCi/g		V
P207589	SEP0389BR0915	9	15	FT	GROSS ALPHA	12587-46-1	17	31	pCi/g		
P207589	SEP0389BR1521	15	21	FT	GROSS ALPHA	12587-46-1	17	15	pCi/g	U	
P208889	SEP1689BR1016	10	15	FT	GROSS ALPHA	12587-46-1	9	28	pCi/g		
P208989	SEP1789BR0915	9	15	FT	GROSS ALPHA	12587-46-1	17	37	pCi/g		

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209089	SEP1889BR1218	12	18	FT	GROSS ALPHA	12587-46-1	10	20	pCi/g		
P209089	SEP1889BR1824	18	24	FT	GROSS ALPHA	12587-46-1	10	23	pCi/g		
P209189	SEP1989BR1016	10	16	FT	GROSS ALPHA	12587-46-1	10	24	pCi/g		
P209189	SEP1989BR1622	16	22	FT	GROSS ALPHA	12587-46-1	10	29	pCi/g		
P209489	SEP2289BR0912	9	12	FT	GROSS ALPHA	12587-46-1	17	22	pCi/g		
P209489	SEP2289BR1213	12	13	FT	GROSS ALPHA	12587-46-1	17	17	pCi/g		
P209489	SEP2289BR1416	14	16	FT	GROSS ALPHA	12587-46-1	17	16	pCi/g	U	
P209489	SEP2289BR1621	16	21	FT	GROSS ALPHA	12587-46-1	17	15	pCi/g	U	
P209589	SEP2389BR1015	10	14	FT	GROSS ALPHA	12587-46-1	9	17	pCi/g		
P209889	SEP2689BR1016	10	16	FT	GROSS ALPHA	12587-46-1	9	21	pCi/g		
P210189	SEP3089BR0915	9	15	FT	GROSS ALPHA	12587-46-1	15	28	pCi/g		
P210189	SEP3089BR1521	15	21	FT	GROSS ALPHA	12587-46-1	15	35	pCi/g		
P210189	SEP3089BR2127	21	27	FT	GROSS ALPHA	12587-46-1	15	25	pCi/g		
P210289	SEP3189BR0713	7	13	FT	GROSS ALPHA	12587-46-1	17	30	pCi/g		
P210289	SEP3189BR1319	13	19	FT	GROSS ALPHA	12587-46-1	17	37	pCi/g		
SP0187	SP018711DH	10	12	FT	GROSS ALPHA	12587-46-1		24	pCi/g		N
SP0187	SP018713DH	13	15	FT	GROSS ALPHA	12587-46-1		26	pCi/g		N
SP0187	SP018716BR	15	17	FT	GROSS ALPHA	12587-46-1		10	pCi/g		N
SP0187	SP018721DH	20	22	FT	GROSS ALPHA	12587-46-1		18	pCi/g		N
SP0187	SP018723DH	23	24	FT	GROSS ALPHA	12587-46-1		20	pCi/g		N
SP0287	SP028708UC	8	10	FT	GROSS ALPHA	12587-46-1		21	pCi/g		N
SP0287	SP028711CT	10	13	FT	GROSS ALPHA	12587-46-1		14	pCi/g		N
SP0287	SP028713BR	13	15	FT	GROSS ALPHA	12587-46-1		11	pCi/g		N
SP0387	SP038711DH	10	12	FT	GROSS ALPHA	12587-46-1		21	pCi/g		N
SP0387	SP038713CT	13	14	FT	GROSS ALPHA	12587-46-1		22	pCi/g		N
SP0387	SP038716BR	15	17	FT	GROSS ALPHA	12587-46-1		22	pCi/g		N
SP0487	SP048707DH	7	9	FT	GROSS ALPHA	12587-46-1		16	pCi/g		N
SP0487	SP048712DH	12	14	FT	GROSS ALPHA	12587-46-1		31	pCi/g		N
SP0487	SP048717DH	17	20	FT	GROSS ALPHA	12587-46-1		11	pCi/g		N
SP0487	SP048720DH	20	22	FT	GROSS ALPHA	12587-46-1		20	pCi/g		N
SP0487	SP048722DH	22	24	FT	GROSS ALPHA	12587-46-1		32	pCi/g		N
SP0487	SP048725DH	24	27	FT	GROSS ALPHA	12587-46-1		20	pCi/g		N
SP0487	SP048727DH	27	30	FT	GROSS ALPHA	12587-46-1		25	pCi/g		N
SP0487	SP048730DH	30	32	FT	GROSS ALPHA	12587-46-1		25	pCi/g		N
SP0487	SP048732DH	32	34	FT	GROSS ALPHA	12587-46-1		12	pCi/g		N
SP0587	SP058707DH	7	8	FT	GROSS ALPHA	12587-46-1		16	pCi/g		N
SP0587	SP058710DH	10	10	FT	GROSS ALPHA	12587-46-1		25	pCi/g		N
SP0587	SP058712DH	13	14	FT	GROSS ALPHA	12587-46-1		21	pCi/g		N
SP0587	SP058716DH	15	17	FT	GROSS ALPHA	12587-46-1		16	pCi/g		N
SP0687	SP068708DH	8	10	FT	GROSS ALPHA	12587-46-1		25	pCi/g		N
SP0687	SP068711DH	10	12	FT	GROSS ALPHA	12587-46-1		19	pCi/g		N
SP0687	SP068713DH	13	14	FT	GROSS ALPHA	12587-46-1		14	pCi/g		N
SP0687	SP068716DH	16	18	FT	GROSS ALPHA	12587-46-1		31	pCi/g		N
SP0687	SP068718DH	18	20	FT	GROSS ALPHA	12587-46-1		39	pCi/g		N
SP0687	SP068721DH	20	23	FT	GROSS ALPHA	12587-46-1		21	pCi/g		N
SP0687	SP068724DH	23	26	FT	GROSS ALPHA	12587-46-1		30	pCi/g		N
SP0687	SP068726DH	26	28	FT	GROSS ALPHA	12587-46-1		36	pCi/g		N
SP0787	SP078711DH	10	12	FT	GROSS ALPHA	12587-46-1		11	pCi/g		N
SP0787	SP078713DH	13	15	FT	GROSS ALPHA	12587-46-1		22	pCi/g		N
SP0787	SP078716DH	16	17	FT	GROSS ALPHA	12587-46-1		23	pCi/g		N
SP0787	SP078718WT	18	19	FT	GROSS ALPHA	12587-46-1		16	pCi/g		N
SP0787	SP078721CT	20	23	FT	GROSS ALPHA	12587-46-1		33	pCi/g		N
SP0787	SP078723BR	23	26	FT	GROSS ALPHA	12587-46-1		27	pCi/g		N
SP0787	SP078726DH	26	28	FT	GROSS ALPHA	12587-46-1		20	pCi/g		N
SP0887	SP088706CT	7	8	FT	GROSS ALPHA	12587-46-1		31	pCi/g		N
SP0887	SP088709BR	9	12	FT	GROSS ALPHA	12587-46-1		12	pCi/g		N
SP0987	SP098706CT	6	8	FT	GROSS ALPHA	12587-46-1		18	pCi/g		N
SP0987	SP098708BR	8	11	FT	GROSS ALPHA	12587-46-1		18	pCi/g		N
SP1087	SP108707DH	7	9	FT	GROSS ALPHA	12587-46-1		32	pCi/g		N
SP1087	SP108709DH	9	11	FT	GROSS ALPHA	12587-46-1		16	pCi/g		N
SP1087	SP108711DH	11	13	FT	GROSS ALPHA	12587-46-1		42	pCi/g		N
SP1087	SP108713DH	13	15	FT	GROSS ALPHA	12587-46-1		19	pCi/g		N
SP1087	SP108715DH	15	17	FT	GROSS ALPHA	12587-46-1		20	pCi/g		N
SP1087	SP108717DH	17	19	FT	GROSS ALPHA	12587-46-1		21	pCi/g		N
SP1087	SP108719DH	19	21	FT	GROSS ALPHA	12587-46-1		32	pCi/g		N
SP1087	SP108721WT	21	23	FT	GROSS ALPHA	12587-46-1		28	pCi/g		N
SP1087	SP108723DH	23	24	FT	GROSS ALPHA	12587-46-1		24	pCi/g		N

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SP1087	SP108724DH	24	26	FT	GROSS ALPHA	12587-46-1		32	pCi/g		N
SP1387	SP138706DH	6	9	FT	GROSS ALPHA	12587-46-1		29	pCi/g		N
SP1387	SP138709DH	9	12	FT	GROSS ALPHA	12587-46-1		36	pCi/g		N
SP1387	SP138711DH	12	14	FT	GROSS ALPHA	12587-46-1		16	pCi/g		N
SP1587	SP158708DH	8	10	FT	GROSS ALPHA	12587-46-1		18	pCi/g		N
SP1587	SP158710DH	10	12	FT	GROSS ALPHA	12587-46-1		24	pCi/g		N
SP1587	SP158712WT	12	14	FT	GROSS ALPHA	12587-46-1		31	pCi/g		N
SP1587	SP158714CT	14	17	FT	GROSS ALPHA	12587-46-1		28	pCi/g		N
SP1587	SP158717BR	17	20	FT	GROSS ALPHA	12587-46-1		29	pCi/g		N
05093	BH00064AE	6	12	FT	GROSS BETA	12587-47-2	3.12	25.4	pCi/g		A
05193	BH00069AE	6	11	FT	GROSS BETA	12587-47-2	3.2	16.6	pCi/g		A
05393	BH00079AE	18	22	FT	GROSS BETA	12587-47-2	2.9	17.9	pCi/g		V
05393	BH00081AE	6	12	FT	GROSS BETA	12587-47-2	2.8	22.8	pCi/g		V
05393	BH00084AE	12	18	FT	GROSS BETA	12587-47-2	3	34.7	pCi/g		V
44593	BH40005AE	6	11	FT	GROSS BETA	12587-47-2	2.6	21	pCi/g		A
41193	BH40052AE	6	8	FT	GROSS BETA	12587-47-2	5.3	42	pCi/g	B	A
41993	BH40065AE	6	12	FT	GROSS BETA	12587-47-2	3	13	pCi/g		V
43893	BH40073AE	6	11	FT	GROSS BETA	12587-47-2	5.3	34	pCi/g	B	A
42193	BH40086AE	10	16	FT	GROSS BETA	12587-47-2	5.6	13	pCi/g		V
42193	BH40091AE	16	22	FT	GROSS BETA	12587-47-2	6.1	21	pCi/g		V
42993	BH40144AE	7	10	FT	GROSS BETA	12587-47-2	2.8	22	pCi/g		A
40793	BH40160AE	6	8	FT	GROSS BETA	12587-47-2	4.8	18	pCi/g		V
40093	BH40170AE	6	8	FT	GROSS BETA	12587-47-2	2.6	20	pCi/g		A
44893	BH40191AE	6	12	FT	GROSS BETA	12587-47-2	2.7	30.3	pCi/g		A
40993	BH40204AE	6	10	FT	GROSS BETA	12587-47-2	5.2	31	pCi/g		V
40993	BH40206AE	10	19	FT	GROSS BETA	12587-47-2	5	12	pCi/g		V
41693	BH40220AE	6	12	FT	GROSS BETA	12587-47-2	4.9	28	pCi/g		V
41793	BH40246AE	6	11	FT	GROSS BETA	12587-47-2	4.6	30	pCi/g		V
42293	BH40256AE	6	11	FT	GROSS BETA	12587-47-2	1.94295	33.77	pCi/g		V
42293	BH40258AE	11	13	FT	GROSS BETA	12587-47-2	2.02679	19.45	pCi/g		V
42393	BH40264AE	6	8	FT	GROSS BETA	12587-47-2	4.9	55	pCi/g		A
42593	BH40290AE	10	17	FT	GROSS BETA	12587-47-2	5.4	16	pCi/g		V
43193	BH40309AE	6	11	FT	GROSS BETA	12587-47-2	5.5	37	pCi/g		V
43393	BH40324AE	8	13	FT	GROSS BETA	12587-47-2	4.2	22	pCi/g		V
43793	BH40335AE	6	12	FT	GROSS BETA	12587-47-2	5	35	pCi/g		V
44093	BH40351AE	6	10	FT	GROSS BETA	12587-47-2	2.05	17.42	pCi/g		V
45893	BH40380AE	6	9	FT	GROSS BETA	12587-47-2	2.07	22.6	pCi/g		V
45893	BH40382AE	9	18	FT	GROSS BETA	12587-47-2	1.97	22.62	pCi/g		V
40793	BH40414AE	8	13	FT	GROSS BETA	12587-47-2	5.1	23	pCi/g		V
40993	BH40415AE	20	29	FT	GROSS BETA	12587-47-2	4.8	19	pCi/g		V
40993	BH40416AE	31	35	FT	GROSS BETA	12587-47-2	6.4	15	pCi/g		V
41593	BH40424AE	6	8	FT	GROSS BETA	12587-47-2	4.6	21	pCi/g		V
42193	BH40430AE	22	28	FT	GROSS BETA	12587-47-2	5.3	18	pCi/g		V
42193	BH40432AE	6	10	FT	GROSS BETA	12587-47-2	5.2	10	pCi/g		V
42193	BH40433AE	28	31	FT	GROSS BETA	12587-47-2	4.7	25	pCi/g		V
42493	BH40445AE	8	10	FT	GROSS BETA	12587-47-2	5.3	16	pCi/g		A
42593	BH40450AE	8	10	FT	GROSS BETA	12587-47-2	4.6	13	pCi/g		V
43693	BH40521AE	6	8	FT	GROSS BETA	12587-47-2	3.8	22	pCi/g		A
43693	BH40522AE	8	10	FT	GROSS BETA	12587-47-2	5.4	20	pCi/g		A
43693	BH40525AE	10	13	FT	GROSS BETA	12587-47-2	5.5	21	pCi/g		A
46593	BH40711AE	9	11	FT	GROSS BETA	12587-47-2	1.97279	27.11	pCi/g		V
46593	BH40713AE	11	16	FT	GROSS BETA	12587-47-2	2.10339	26.47	pCi/g		V
46693	BH40726AE	7	8	FT	GROSS BETA	12587-47-2	1.95988	32.41	pCi/g		V
46693	BH40728AE	9	15	FT	GROSS BETA	12587-47-2	2.06029	37.96	pCi/g		V
46793	BH40740AE	6	8	FT	GROSS BETA	12587-47-2	1.98113	23.17	pCi/g		V
46793	BH40742AE	8	15	FT	GROSS BETA	12587-47-2	1.92258	28.18	pCi/g		V
46893	BH40748AE	7	9	FT	GROSS BETA	12587-47-2	2.03308	29.98	pCi/g		V
46893	BH40749AE	9	11	FT	GROSS BETA	12587-47-2	2.07133	23.54	pCi/g		V
46893	BH40754AE	12	12	FT	GROSS BETA	12587-47-2	2.10089	27.57	pCi/g		V
46993	BH40768AE	6	7	FT	GROSS BETA	12587-47-2	2.0047	37.92	pCi/g		V
46993	BH40770AE	7	13	FT	GROSS BETA	12587-47-2	2.06379	22.87	pCi/g		V
47093	BH40776AE	7	9	FT	GROSS BETA	12587-47-2	2.02745	14.45	pCi/g		V
P207589	SEP0389BR0915	9	15	FT	GROSS BETA	12587-47-2	8	27	pCi/g		
P207589	SEP0389BR1521	15	21	FT	GROSS BETA	12587-47-2	8	27	pCi/g		
P208889	SEP1689BR1016	10	15	FT	GROSS BETA	12587-47-2	7	29	pCi/g		
P208989	SEP1789BR0915	9	15	FT	GROSS BETA	12587-47-2	8	26	pCi/g		
P209089	SEP1889BR1218	12	18	FT	GROSS BETA	12587-47-2	8	25	pCi/g		

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209089	SEP1889BR1824	18	24	FT	GROSS BETA	12587-47-2	8	21	pCi/g		
P209189	SEP1989BR1016	10	16	FT	GROSS BETA	12587-47-2	8	22	pCi/g		
P209189	SEP1989BR1622	16	22	FT	GROSS BETA	12587-47-2	8	24	pCi/g		
P209489	SEP2289BR0912	9	12	FT	GROSS BETA	12587-47-2	8	16	pCi/g		
P209489	SEP2289BR1213	12	13	FT	GROSS BETA	12587-47-2	8	18	pCi/g		
P209489	SEP2289BR1416	14	16	FT	GROSS BETA	12587-47-2	8	28	pCi/g		
P209489	SEP2289BR1621	16	21	FT	GROSS BETA	12587-47-2	8	22	pCi/g		
P209589	SEP2389BR1015	10	14	FT	GROSS BETA	12587-47-2	7	22	pCi/g		
P209889	SEP2689BR1016	10	16	FT	GROSS BETA	12587-47-2	7	20	pCi/g		
P210189	SEP3089BR0915	9	15	FT	GROSS BETA	12587-47-2	9	24	pCi/g		
P210189	SEP3089BR1521	15	21	FT	GROSS BETA	12587-47-2	9	29	pCi/g		
P210189	SEP3089BR2127	21	27	FT	GROSS BETA	12587-47-2	9	28	pCi/g		
P210289	SEP3189BR0713	7	13	FT	GROSS BETA	12587-47-2	8	25	pCi/g		
P210289	SEP3189BR1319	13	19	FT	GROSS BETA	12587-47-2	8	32	pCi/g		
SP0187	SP018711DH	10	12	FT	GROSS BETA	12587-47-2		29	pCi/g		N
SP0187	SP018713DH	13	15	FT	GROSS BETA	12587-47-2		33	pCi/g		N
SP0187	SP018716BR	15	17	FT	GROSS BETA	12587-47-2		16	pCi/g		N
SP0187	SP018721DH	20	22	FT	GROSS BETA	12587-47-2		18	pCi/g		N
SP0187	SP018723DH	23	24	FT	GROSS BETA	12587-47-2		17	pCi/g		N
SP0287	SP028708UC	8	10	FT	GROSS BETA	12587-47-2		15	pCi/g		N
SP0287	SP028711CT	10	13	FT	GROSS BETA	12587-47-2		30	pCi/g		N
SP0287	SP028713BR	13	15	FT	GROSS BETA	12587-47-2		7.1	pCi/g		N
SP0387	SP038711DH	10	12	FT	GROSS BETA	12587-47-2		15	pCi/g		N
SP0387	SP038713CT	13	14	FT	GROSS BETA	12587-47-2		16	pCi/g		N
SP0387	SP038716BR	15	17	FT	GROSS BETA	12587-47-2		21	pCi/g		N
SP0487	SP048707DH	7	9	FT	GROSS BETA	12587-47-2		17	pCi/g		N
SP0487	SP048712DH	12	14	FT	GROSS BETA	12587-47-2		31	pCi/g		N
SP0487	SP048717DH	17	20	FT	GROSS BETA	12587-47-2		19	pCi/g		N
SP0487	SP048720DH	20	22	FT	GROSS BETA	12587-47-2		21	pCi/g		N
SP0487	SP048722DH	22	24	FT	GROSS BETA	12587-47-2		22	pCi/g		N
SP0487	SP048725DH	24	27	FT	GROSS BETA	12587-47-2		20	pCi/g		N
SP0487	SP048727DH	27	30	FT	GROSS BETA	12587-47-2		22	pCi/g		N
SP0487	SP048730DH	30	32	FT	GROSS BETA	12587-47-2		27	pCi/g		N
SP0487	SP048732DH	32	34	FT	GROSS BETA	12587-47-2		21	pCi/g		N
SP0587	SP058707DH	7	8	FT	GROSS BETA	12587-47-2		17	pCi/g		N
SP0587	SP058710DH	10	10	FT	GROSS BETA	12587-47-2		13	pCi/g		N
SP0587	SP058712DH	13	14	FT	GROSS BETA	12587-47-2		22	pCi/g		N
SP0587	SP058716DH	15	17	FT	GROSS BETA	12587-47-2		16	pCi/g		N
SP0687	SP068708DH	8	10	FT	GROSS BETA	12587-47-2		13	pCi/g		N
SP0687	SP068711DH	10	12	FT	GROSS BETA	12587-47-2		14	pCi/g		N
SP0687	SP068713DH	13	14	FT	GROSS BETA	12587-47-2		14	pCi/g		N
SP0687	SP068716DH	16	18	FT	GROSS BETA	12587-47-2		18	pCi/g		N
SP0687	SP068718DH	18	20	FT	GROSS BETA	12587-47-2		21	pCi/g		N
SP0687	SP068721DH	20	23	FT	GROSS BETA	12587-47-2		25	pCi/g		N
SP0687	SP068724DH	23	26	FT	GROSS BETA	12587-47-2		28	pCi/g		N
SP0687	SP068726DH	26	28	FT	GROSS BETA	12587-47-2		23	pCi/g		N
SP0787	SP078711DH	10	12	FT	GROSS BETA	12587-47-2		15	pCi/g		N
SP0787	SP078713DH	13	15	FT	GROSS BETA	12587-47-2		16	pCi/g		N
SP0787	SP078716DH	16	17	FT	GROSS BETA	12587-47-2		23	pCi/g		N
SP0787	SP078718WT	18	19	FT	GROSS BETA	12587-47-2		11	pCi/g		N
SP0787	SP078721CT	20	23	FT	GROSS BETA	12587-47-2		23	pCi/g		N
SP0787	SP078723BR	23	26	FT	GROSS BETA	12587-47-2		26	pCi/g		N
SP0787	SP078726DH	26	28	FT	GROSS BETA	12587-47-2		22	pCi/g		N
SP0887	SP088706CT	7	8	FT	GROSS BETA	12587-47-2		24	pCi/g		N
SP0887	SP088709BR	9	12	FT	GROSS BETA	12587-47-2		14	pCi/g		N
SP0987	SP098706CT	6	8	FT	GROSS BETA	12587-47-2		28	pCi/g		N
SP0987	SP098708BR	8	11	FT	GROSS BETA	12587-47-2		19	pCi/g		N
SP1087	SP108707DH	7	9	FT	GROSS BETA	12587-47-2		22	pCi/g		N
SP1087	SP108709DH	9	11	FT	GROSS BETA	12587-47-2		29	pCi/g		N
SP1087	SP108711DH	11	13	FT	GROSS BETA	12587-47-2		20	pCi/g		N
SP1087	SP108713DH	13	15	FT	GROSS BETA	12587-47-2		27	pCi/g		N
SP1087	SP108715DH	15	17	FT	GROSS BETA	12587-47-2		22	pCi/g		N
SP1087	SP108717DH	17	19	FT	GROSS BETA	12587-47-2		22	pCi/g		N
SP1087	SP108719DH	19	21	FT	GROSS BETA	12587-47-2		17	pCi/g		N
SP1087	SP108721WT	21	23	FT	GROSS BETA	12587-47-2		24	pCi/g		N
SP1087	SP108723DH	23	24	FT	GROSS BETA	12587-47-2		22	pCi/g		N
SP1087	SP108724DH	24	26	FT	GROSS BETA	12587-47-2		19	pCi/g		N

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SP1387	SP138706DH	6	9	FT	GROSS BETA	12587-47-2		22	pCi/g		N
SP1387	SP138709DH	9	12	FT	GROSS BETA	12587-47-2		29	pCi/g		N
SP1387	SP138711DH	12	14	FT	GROSS BETA	12587-47-2		18	pCi/g		N
SP1587	SP158708DH	8	10	FT	GROSS BETA	12587-47-2		15	pCi/g		N
SP1587	SP158710DH	10	12	FT	GROSS BETA	12587-47-2		10	pCi/g		N
SP1587	SP158712WT	12	14	FT	GROSS BETA	12587-47-2		21	pCi/g		N
SP1587	SP158714CT	14	17	FT	GROSS BETA	12587-47-2		30	pCi/g		N
SP1587	SP158717BR	17	20	FT	GROSS BETA	12587-47-2		31	pCi/g		N
41993	BH40065AE	6	12	FT	PLUTONIUM-238	13981-16-3	0.01	0.004	pCi/g	U	Z
41193	BH40052AE	6	8	FT	PLUTONIUM-239/240	10-12-8	0.01	0.83	pCi/g		V
41993	BH40065AE	6	12	FT	PLUTONIUM-239/240	10-12-8	0.005	0.005	pCi/g	J	A
43893	BH40073AE	6	11	FT	PLUTONIUM-239/240	10-12-8	0.004	0.14	pCi/g	B	V
42193	BH40086AE	10	16	FT	PLUTONIUM-239/240	10-12-8	0.003	0.007	pCi/g	J	V
42193	BH40091AE	16	22	FT	PLUTONIUM-239/240	10-12-8	0.002	0.002	pCi/g	J	V
40993	BH40204AE	6	10	FT	PLUTONIUM-239/240	10-12-8	0.008	0.039	pCi/g		A
40993	BH40206AE	10	19	FT	PLUTONIUM-239/240	10-12-8	0.003	0.007	pCi/g	J	A
41693	BH40220AE	6	12	FT	PLUTONIUM-239/240	10-12-8	0.008	0.29	pCi/g		V
41793	BH40246AE	6	11	FT	PLUTONIUM-239/240	10-12-8	0.003	0.013	pCi/g	J	V
42293	BH40256AE	6	11	FT	PLUTONIUM-239/240	10-12-8	0.00284186	0.01155	pCi/g		A
42293	BH40258AE	11	13	FT	PLUTONIUM-239/240	10-12-8	0.00727562	0.01384	pCi/g		V
42393	BH40264AE	6	8	FT	PLUTONIUM-239/240	10-12-8	0.007	0.15	pCi/g	B	A
42593	BH40290AE	10	17	FT	PLUTONIUM-239/240	10-12-8	0.007	0.001	pCi/g	U	V
43193	BH40309AE	6	11	FT	PLUTONIUM-239/240	10-12-8	0.011	0.005	pCi/g	U	V
43393	BH40324AE	8	13	FT	PLUTONIUM-239/240	10-12-8	0.019	0	pCi/g	U	A
43793	BH40335AE	6	12	FT	PLUTONIUM-239/240	10-12-8	0.002	0.026	pCi/g	J	V
44093	BH40351AE	6	10	FT	PLUTONIUM-239/240	10-12-8	0.009	0.002911	pCi/g	U	A
40993	BH40415AE	20	29	FT	PLUTONIUM-239/240	10-12-8	0.002	0.009	pCi/g	J	A
40993	BH40416AE	31	35	FT	PLUTONIUM-239/240	10-12-8	0.017	0.004	pCi/g	U	A
41593	BH40424AE	6	8	FT	PLUTONIUM-239/240	10-12-8	0.002	0	pCi/g	U	V
42193	BH40430AE	22	28	FT	PLUTONIUM-239/240	10-12-8	0.002	0	pCi/g	U	V
42193	BH40432AE	6	10	FT	PLUTONIUM-239/240	10-12-8	0.005	0.001	pCi/g	U	A
42193	BH40433AE	28	31	FT	PLUTONIUM-239/240	10-12-8	0.002	0.003	pCi/g	J	V
42493	BH40445AE	8	10	FT	PLUTONIUM-239/240	10-12-8	0.007	0.002	pCi/g	U	V
42593	BH40450AE	8	10	FT	PLUTONIUM-239/240	10-12-8	0.005	-0.001	pCi/g	U	V
43693	BH40521AE	6	8	FT	PLUTONIUM-239/240	10-12-8	0.007	-0.001	pCi/g	U	V
43693	BH40522AE	8	10	FT	PLUTONIUM-239/240	10-12-8	0.005	-0.001	pCi/g	U	V
43693	BH40525AE	10	13	FT	PLUTONIUM-239/240	10-12-8	0.002	0.003	pCi/g	J	V
46593	BH40711AE	9	11	FT	PLUTONIUM-239/240	10-12-8	0.00918193	0.01697	pCi/g		A
46593	BH40713AE	11	16	FT	PLUTONIUM-239/240	10-12-8	0.0226786	0.003082	pCi/g	U	A
46693	BH40726AE	7	8	FT	PLUTONIUM-239/240	10-12-8	0.00631062	0.004664	pCi/g	U	A
46693	BH40728AE	9	15	FT	PLUTONIUM-239/240	10-12-8	0.0162993	0.0005259	pCi/g	U	A
46793	BH40740AE	6	8	FT	PLUTONIUM-239/240	10-12-8	0.0114483	0.006223	pCi/g	U	V
46793	BH40742AE	8	15	FT	PLUTONIUM-239/240	10-12-8	0.0307134	0.005635	pCi/g	U	V
46893	BH40748AE	7	9	FT	PLUTONIUM-239/240	10-12-8	0.00637883	0.001237	pCi/g	U	V
46893	BH40749AE	9	11	FT	PLUTONIUM-239/240	10-12-8	0.0056864	0.0001838	pCi/g	U	V
46893	BH40754AE	12	12	FT	PLUTONIUM-239/240	10-12-8	0.00604143	0.0007014	pCi/g	U	V
46993	BH40768AE	6	7	FT	PLUTONIUM-239/240	10-12-8	0.0188922	0.01396	pCi/g	U	A
46993	BH40770AE	7	13	FT	PLUTONIUM-239/240	10-12-8	0.00308573	0.002281	pCi/g	U	V
47093	BH40776AE	7	9	FT	PLUTONIUM-239/240	10-12-8	0.00779508	0.001059	pCi/g	U	V
P207589	SEP0389BR0915	9	15	FT	PLUTONIUM-239/240	10-12-8	0.01	0.01	pCi/g		
P207589	SEP0389BR1521	15	21	FT	PLUTONIUM-239/240	10-12-8	0.01	0.01	pCi/g		
P208889	SEP1689BR1016	10	15	FT	PLUTONIUM-239/240	10-12-8		0	pCi/g		
P208989	SEP1789BR0915	9	15	FT	PLUTONIUM-239/240	10-12-8		0.01	pCi/g		
P209089	SEP1889BR1218	12	18	FT	PLUTONIUM-239/240	10-12-8	0.01	0	pCi/g	U	
P209089	SEP1889BR1824	18	24	FT	PLUTONIUM-239/240	10-12-8	0.01	0.01	pCi/g		
P209189	SEP1989BR1016	10	16	FT	PLUTONIUM-239/240	10-12-8	0.01	0.07	pCi/g		
P209189	SEP1989BR1622	16	22	FT	PLUTONIUM-239/240	10-12-8	0.01	0.04	pCi/g		
P209489	SEP2289BR0912	9	12	FT	PLUTONIUM-239/240	10-12-8	0.01	0.01	pCi/g		
P209489	SEP2289BR1213	12	13	FT	PLUTONIUM-239/240	10-12-8	0.01	0.01	pCi/g		
P209489	SEP2289BR1416	14	16	FT	PLUTONIUM-239/240	10-12-8	0.01	0	pCi/g	U	
P209489	SEP2289BR1621	16	21	FT	PLUTONIUM-239/240	10-12-8	0.01	0.01	pCi/g		
P209589	SEP2389BR1015	10	14	FT	PLUTONIUM-239/240	10-12-8		0	pCi/g		
P209889	SEP2689BR1016	10	16	FT	PLUTONIUM-239/240	10-12-8	0.01	0	pCi/g	U	
P210189	SEP3089BR0915	9	15	FT	PLUTONIUM-239/240	10-12-8	0.01	0.7	pCi/g		
P210189	SEP3089BR1521	15	21	FT	PLUTONIUM-239/240	10-12-8	0.01	0.08	pCi/g		
P210189	SEP3089BR2127	21	27	FT	PLUTONIUM-239/240	10-12-8	0.01	0.04	pCi/g		
P210289	SEP3189BR1319	13	19	FT	PLUTONIUM-239/240	10-12-8	0.02	0.05	pCi/g		

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SP0187	SP018711DH	10	12	FT	PLUTONIUM-239/240	10-12-8		0.09	pCi/g		
SP0187	SP018713DH	13	15	FT	PLUTONIUM-239/240	10-12-8		0	pCi/g		
SP0187	SP018716BR	15	17	FT	PLUTONIUM-239/240	10-12-8		0	pCi/g		
SP0187	SP018721DH	20	22	FT	PLUTONIUM-239/240	10-12-8		-0.03	pCi/g		
SP0187	SP018723DH	23	24	FT	PLUTONIUM-239/240	10-12-8		0.04	pCi/g		
SP0287	SP028708UC	8	10	FT	PLUTONIUM-239/240	10-12-8		-0.02	pCi/g		
SP0287	SP028711CT	10	13	FT	PLUTONIUM-239/240	10-12-8		0.06	pCi/g		
SP0287	SP028713BR	13	15	FT	PLUTONIUM-239/240	10-12-8		0.01	pCi/g		
SP0387	SP038711DH	10	12	FT	PLUTONIUM-239/240	10-12-8		0.05	pCi/g		
SP0387	SP038713CT	13	14	FT	PLUTONIUM-239/240	10-12-8		-0.01	pCi/g		
SP0387	SP038716BR	15	17	FT	PLUTONIUM-239/240	10-12-8		0.03	pCi/g		
SP0487	SP048707DH	7	9	FT	PLUTONIUM-239/240	10-12-8		0.05	pCi/g		
SP0487	SP048712DH	12	14	FT	PLUTONIUM-239/240	10-12-8		-0.03	pCi/g		
SP0487	SP048717DH	17	20	FT	PLUTONIUM-239/240	10-12-8		0.03	pCi/g		
SP0487	SP048720DH	20	22	FT	PLUTONIUM-239/240	10-12-8		-0.06	pCi/g		
SP0487	SP048722DH	22	24	FT	PLUTONIUM-239/240	10-12-8		-0.04	pCi/g		
SP0487	SP048725DH	24	27	FT	PLUTONIUM-239/240	10-12-8		-0.03	pCi/g		
SP0487	SP048727DH	27	30	FT	PLUTONIUM-239/240	10-12-8		-0.04	pCi/g		
SP0487	SP048730DH	30	32	FT	PLUTONIUM-239/240	10-12-8		0.03	pCi/g		
SP0487	SP048732DH	32	34	FT	PLUTONIUM-239/240	10-12-8		-0.02	pCi/g		
SP0587	SP058707DH	7	8	FT	PLUTONIUM-239/240	10-12-8		0.04	pCi/g		
SP0587	SP058710DH	10	10	FT	PLUTONIUM-239/240	10-12-8		0	pCi/g		
SP0587	SP058712DH	13	14	FT	PLUTONIUM-239/240	10-12-8		0.13	pCi/g		
SP0587	SP058716DH	15	17	FT	PLUTONIUM-239/240	10-12-8		0.5	pCi/g		
SP0687	SP068708DH	8	10	FT	PLUTONIUM-239/240	10-12-8		0.09	pCi/g		
SP0687	SP068711DH	10	12	FT	PLUTONIUM-239/240	10-12-8		-0.02	pCi/g		
SP0687	SP068713DH	13	14	FT	PLUTONIUM-239/240	10-12-8		0.03	pCi/g		
SP0687	SP068716DH	16	18	FT	PLUTONIUM-239/240	10-12-8		0.02	pCi/g		
SP0687	SP068718DH	18	20	FT	PLUTONIUM-239/240	10-12-8		0.05	pCi/g		
SP0687	SP068721DH	20	23	FT	PLUTONIUM-239/240	10-12-8		-0.04	pCi/g		
SP0687	SP068724DH	23	26	FT	PLUTONIUM-239/240	10-12-8		-0.01	pCi/g		
SP0687	SP068726DH	26	28	FT	PLUTONIUM-239/240	10-12-8		0.16	pCi/g		
SP0787	SP078711DH	10	12	FT	PLUTONIUM-239/240	10-12-8		0.06	pCi/g		
SP0787	SP078713DH	13	15	FT	PLUTONIUM-239/240	10-12-8		0.03	pCi/g		
SP0787	SP078716DH	16	17	FT	PLUTONIUM-239/240	10-12-8		-0.02	pCi/g		
SP0787	SP078718WT	18	19	FT	PLUTONIUM-239/240	10-12-8		-0.01	pCi/g		
SP0787	SP078721CT	20	23	FT	PLUTONIUM-239/240	10-12-8		-0.01	pCi/g		
SP0787	SP078723BR	23	26	FT	PLUTONIUM-239/240	10-12-8		0.01	pCi/g		
SP0787	SP078726DH	26	28	FT	PLUTONIUM-239/240	10-12-8		0.05	pCi/g		
SP0887	SP088706CT	7	8	FT	PLUTONIUM-239/240	10-12-8		-0.01	pCi/g		
SP0887	SP088709BR	9	12	FT	PLUTONIUM-239/240	10-12-8		0.03	pCi/g		
SP0987	SP098706CT	6	8	FT	PLUTONIUM-239/240	10-12-8		-0.05	pCi/g		
SP0987	SP098708BR	8	11	FT	PLUTONIUM-239/240	10-12-8		0.02	pCi/g		
SP1087	SP108707DH	7	9	FT	PLUTONIUM-239/240	10-12-8		0	pCi/g		
SP1087	SP108709DH	9	11	FT	PLUTONIUM-239/240	10-12-8		0.03	pCi/g		
SP1087	SP108711DH	11	13	FT	PLUTONIUM-239/240	10-12-8		0	pCi/g		
SP1087	SP108713DH	13	15	FT	PLUTONIUM-239/240	10-12-8		0.03	pCi/g		
SP1087	SP108715DH	15	17	FT	PLUTONIUM-239/240	10-12-8		-0.01	pCi/g		
SP1087	SP108717DH	17	19	FT	PLUTONIUM-239/240	10-12-8		0.04	pCi/g		
SP1087	SP108719DH	19	21	FT	PLUTONIUM-239/240	10-12-8		0.01	pCi/g		
SP1087	SP108721WT	21	23	FT	PLUTONIUM-239/240	10-12-8		-0.02	pCi/g		
SP1087	SP108723DH	23	24	FT	PLUTONIUM-239/240	10-12-8		-0.04	pCi/g		
SP1087	SP108724DH	24	26	FT	PLUTONIUM-239/240	10-12-8		-0.06	pCi/g		
SP1387	SP138706DH	6	9	FT	PLUTONIUM-239/240	10-12-8		-0.04	pCi/g		
SP1387	SP138709DH	9	12	FT	PLUTONIUM-239/240	10-12-8		-0.01	pCi/g		
SP1387	SP138711DH	12	14	FT	PLUTONIUM-239/240	10-12-8		0.02	pCi/g		
SP1587	SP158708DH	8	10	FT	PLUTONIUM-239/240	10-12-8		0.04	pCi/g		
SP1587	SP158710DH	10	12	FT	PLUTONIUM-239/240	10-12-8		-0.02	pCi/g		
SP1587	SP158712WT	12	14	FT	PLUTONIUM-239/240	10-12-8		-0.04	pCi/g		
SP1587	SP158714CT	14	17	FT	PLUTONIUM-239/240	10-12-8		-0.02	pCi/g		
SP1587	SP158717BR	17	20	FT	PLUTONIUM-239/240	10-12-8		-0.02	pCi/g		
41193	BH40052AE	6	8	FT	RADIUM-226	13982-63-3	0.45	0.52	pCi/g		A
43893	BH40073AE	6	11	FT	RADIUM-226	13982-63-3	0.41	0.49	pCi/g	J	A
42193	BH40086AE	10	16	FT	RADIUM-226	13982-63-3	0.28	0.7	pCi/g		V
42193	BH40091AE	16	22	FT	RADIUM-226	13982-63-3	0.26	0.89	pCi/g		V
40993	BH40204AE	6	10	FT	RADIUM-226	13982-63-3	0.36	0.67	pCi/g		V
40993	BH40206AE	10	19	FT	RADIUM-226	13982-63-3	0.23	0.4	pCi/g	J	V

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
41693	BH40220AE	6	12	FT	RADIUM-226	13982-63-3	0.37	0.38	pCi/g	J	V
41793	BH40246AE	6	11	FT	RADIUM-226	13982-63-3	0.34	0.49	pCi/g	J	V
42393	BH40264AE	6	8	FT	RADIUM-226	13982-63-3	0.42	1.1	pCi/g		A
42593	BH40290AE	10	17	FT	RADIUM-226	13982-63-3	0.26	0.9	pCi/g		V
43193	BH40309AE	6	11	FT	RADIUM-226	13982-63-3	0.45	0.65	pCi/g		V
43393	BH40324AE	8	13	FT	RADIUM-226	13982-63-3	0.45	0.84	pCi/g		V
43793	BH40335AE	6	12	FT	RADIUM-226	13982-63-3	0.34	0.62	pCi/g		V
40993	BH40415AE	20	29	FT	RADIUM-226	13982-63-3	0.21	0.63	pCi/g		V
40993	BH40416AE	31	35	FT	RADIUM-226	13982-63-3	0.21	0.93	pCi/g		V
41593	BH40424AE	6	8	FT	RADIUM-226	13982-63-3	0.34	0.53	pCi/g		V
42193	BH40430AE	22	28	FT	RADIUM-226	13982-63-3	0.3	0.84	pCi/g		V
42193	BH40432AE	6	10	FT	RADIUM-226	13982-63-3	0.31	0.37	pCi/g	J	V
42193	BH40433AE	28	31	FT	RADIUM-226	13982-63-3	0.32	0.89	pCi/g		V
42493	BH40445AE	8	10	FT	RADIUM-226	13982-63-3	0.33	0.66	pCi/g		V
42593	BH40450AE	8	10	FT	RADIUM-226	13982-63-3	0.32	0.64	pCi/g		V
43693	BH40521AE	6	8	FT	RADIUM-226	13982-63-3	0.38	0.59	pCi/g		V
43693	BH40522AE	8	10	FT	RADIUM-226	13982-63-3	0.49	0.53	pCi/g		V
43693	BH40525AE	10	13	FT	RADIUM-226	13982-63-3	0.41	1	pCi/g		V
46593	BH40711AE	9	11	FT	RADIUM-226	13982-63-3	0.228	1.713	pCi/g	X	V
46593	BH40713AE	11	16	FT	RADIUM-226	13982-63-3	0.326	1.954	pCi/g	X	V
46693	BH40726AE	7	8	FT	RADIUM-226	13982-63-3	0.269	3.276	pCi/g	X	V
46693	BH40728AE	9	15	FT	RADIUM-226	13982-63-3	0.229	2.677	pCi/g	X	V
46793	BH40740AE	6	8	FT	RADIUM-226	13982-63-3	0.234	1.918	pCi/g	X	A
46793	BH40742AE	8	15	FT	RADIUM-226	13982-63-3	0.217	2.337	pCi/g	X	A
46893	BH40748AE	7	9	FT	RADIUM-226	13982-63-3	0.19	1.623	pCi/g	X	A
46893	BH40749AE	9	11	FT	RADIUM-226	13982-63-3	0.179	1.507	pCi/g	X	A
46893	BH40754AE	12	12	FT	RADIUM-226	13982-63-3	0.241	2.075	pCi/g	X	A
46993	BH40768AE	6	7	FT	RADIUM-226	13982-63-3	0.265	6.838	pCi/g	X	A
46993	BH40770AE	7	13	FT	RADIUM-226	13982-63-3	0.186	1.565	pCi/g	X	A
47093	BH40776AE	7	9	FT	RADIUM-226	13982-63-3	0.147	1.15	pCi/g	X	A
P207589	SEP0389BR0915	9	15	FT	RADIUM-226	13982-63-3	0.1	1.4	pCi/g		
P207589	SEP0389BR1521	15	21	FT	RADIUM-226	13982-63-3	0.1	0.9	pCi/g		
P208889	SEP1689BR1016	10	15	FT	RADIUM-226	13982-63-3		0.7	pCi/g		
P208989	SEP1789BR0915	9	15	FT	RADIUM-226	13982-63-3		0.7	pCi/g		
P209089	SEP1889BR1218	12	18	FT	RADIUM-226	13982-63-3	0.1	0.7	pCi/g		
P209089	SEP1889BR1824	18	24	FT	RADIUM-226	13982-63-3	0.1	0.9	pCi/g		
P209189	SEP1989BR1016	10	16	FT	RADIUM-226	13982-63-3	0.1	0.7	pCi/g		
P209189	SEP1989BR1622	16	22	FT	RADIUM-226	13982-63-3	0.1	0.8	pCi/g		
P209489	SEP2289BR0912	9	12	FT	RADIUM-226	13982-63-3	0.1	0.7	pCi/g		
P209489	SEP2289BR1213	12	13	FT	RADIUM-226	13982-63-3	0.1	0.7	pCi/g		
P209489	SEP2289BR1416	14	16	FT	RADIUM-226	13982-63-3	0.1	0.6	pCi/g		
P209489	SEP2289BR1621	16	21	FT	RADIUM-226	13982-63-3	0.1	0.7	pCi/g		
P209589	SEP2389BR1015	10	14	FT	RADIUM-226	13982-63-3		1	pCi/g		
P209889	SEP2689BR1016	10	16	FT	RADIUM-226	13982-63-3	0.1	1.7	pCi/g		
P210189	SEP3089BR0915	9	15	FT	RADIUM-226	13982-63-3	0.1	0.7	pCi/g		
P210189	SEP3089BR1521	15	21	FT	RADIUM-226	13982-63-3	0.1	0.9	pCi/g		
P210189	SEP3089BR2127	21	27	FT	RADIUM-226	13982-63-3	0.1	0.9	pCi/g		
P210289	SEP3189BR0713	7	13	FT	RADIUM-226	13982-63-3	0.1	0.9	pCi/g		
P210289	SEP3189BR1319	13	19	FT	RADIUM-226	13982-63-3	0.1	1.2	pCi/g		
41193	BH40052AE	6	8	FT	RADIUM-228	15262-20-1	0.92	1.8	pCi/g		V
43893	BH40073AE	6	11	FT	RADIUM-228	15262-20-1	0.73	2.1	pCi/g		V
42193	BH40086AE	10	16	FT	RADIUM-228	15262-20-1	0.76	1.1	pCi/g		V
42193	BH40091AE	16	22	FT	RADIUM-228	15262-20-1	0.68	1.7	pCi/g		V
40993	BH40204AE	6	10	FT	RADIUM-228	15262-20-1	0.72	2.4	pCi/g		V
40993	BH40206AE	10	19	FT	RADIUM-228	15262-20-1	0.51	0.63	pCi/g		V
41693	BH40220AE	6	12	FT	RADIUM-228	15262-20-1	0.99	1.8	pCi/g		V
41793	BH40246AE	6	11	FT	RADIUM-228	15262-20-1	0.74	1.7	pCi/g		V
42293	BH40256AE	6	11	FT	RADIUM-228	15262-20-1	0.21	1.494	pCi/g	X	A
42293	BH40258AE	11	13	FT	RADIUM-228	15262-20-1	0.12	1.036	pCi/g	X	A
42393	BH40264AE	6	8	FT	RADIUM-228	15262-20-1	0.83	3.5	pCi/g		V
42593	BH40290AE	10	17	FT	RADIUM-228	15262-20-1	0.69	1.5	pCi/g		V
43193	BH40309AE	6	11	FT	RADIUM-228	15262-20-1	0.91	1.8	pCi/g		V
43393	BH40324AE	8	13	FT	RADIUM-228	15262-20-1	0.77	1.9	pCi/g		V
43793	BH40335AE	6	12	FT	RADIUM-228	15262-20-1	0.83	2.2	pCi/g		V
44093	BH40351AE	6	10	FT	RADIUM-228	15262-20-1	0.093	0.7409	pCi/g	X	A
40993	BH40415AE	20	29	FT	RADIUM-228	15262-20-1	0.49	0.92	pCi/g		V
40993	BH40416AE	31	35	FT	RADIUM-228	15262-20-1	0.52	1.1	pCi/g		V

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
42193	BH40430AE	22	28	FT	RADIUM-228	15262-20-1	0.64	1.9	pCi/g		V
42193	BH40432AE	6	10	FT	RADIUM-228	15262-20-1	0.47	1.2	pCi/g		V
42193	BH40433AE	28	31	FT	RADIUM-228	15262-20-1	0.6	2	pCi/g		V
42493	BH40445AE	8	10	FT	RADIUM-228	15262-20-1	0.92	1.7	pCi/g		V
42593	BH40450AE	8	10	FT	RADIUM-228	15262-20-1	1	1.6	pCi/g		V
43693	BH40521AE	6	8	FT	RADIUM-228	15262-20-1	0.77	2.2	pCi/g		V
43693	BH40522AE	8	10	FT	RADIUM-228	15262-20-1	0.79	1.6	pCi/g		V
43693	BH40525AE	10	13	FT	RADIUM-228	15262-20-1	0.63	1.9	pCi/g		V
46593	BH40711AE	9	11	FT	RADIUM-228	15262-20-1	0.102	1.467	pCi/g	X	V
46593	BH40713AE	11	16	FT	RADIUM-228	15262-20-1	0.157	1.705	pCi/g	X	V
46693	BH40726AE	7	8	FT	RADIUM-228	15262-20-1	0.128	1.322	pCi/g	X	V
46693	BH40728AE	9	15	FT	RADIUM-228	15262-20-1	0.116	1.402	pCi/g	X	V
46793	BH40740AE	6	8	FT	RADIUM-228	15262-20-1	0.105	1.303	pCi/g	X	V
46793	BH40742AE	8	15	FT	RADIUM-228	15262-20-1	0.084	1.37	pCi/g	X	V
46893	BH40748AE	7	9	FT	RADIUM-228	15262-20-1	0.091	1.35	pCi/g	X	V
46893	BH40749AE	9	11	FT	RADIUM-228	15262-20-1	0.064	1.226	pCi/g	X	V
46893	BH40754AE	12	12	FT	RADIUM-228	15262-20-1	0.127	1.431	pCi/g	X	V
46993	BH40768AE	6	7	FT	RADIUM-228	15262-20-1	0.126	1.448	pCi/g	X	V
46993	BH40770AE	7	13	FT	RADIUM-228	15262-20-1	0.087	1.409	pCi/g	X	V
47093	BH40776AE	7	9	FT	RADIUM-228	15262-20-1	0.051	0.7811	pCi/g	X	V
P207589	SEP0389BR0915	9	15	FT	RADIUM-228	15262-20-1	0.4	1.5	pCi/g		
P207589	SEP0389BR1521	15	21	FT	RADIUM-228	15262-20-1	0.1	1.5	pCi/g		
P208889	SEP1689BR1016	10	15	FT	RADIUM-228	15262-20-1	0.1	1.5	pCi/g		
P208989	SEP1789BR0915	9	15	FT	RADIUM-228	15262-20-1	0.1	1.8	pCi/g		
P209089	SEP1889BR1218	12	18	FT	RADIUM-228	15262-20-1	0.4	1.4	pCi/g		
P209089	SEP1889BR1824	18	24	FT	RADIUM-228	15262-20-1	0.1	1.6	pCi/g		
P209189	SEP1989BR1016	10	16	FT	RADIUM-228	15262-20-1	0.4	1	pCi/g		
P209189	SEP1989BR1622	16	22	FT	RADIUM-228	15262-20-1	0.4	1.3	pCi/g		
P209489	SEP2289BR0912	9	12	FT	RADIUM-228	15262-20-1	0.1	0.9	pCi/g		
P209489	SEP2289BR1213	12	13	FT	RADIUM-228	15262-20-1	0.4	0.8	pCi/g		
P209489	SEP2289BR1416	14	16	FT	RADIUM-228	15262-20-1	0.1	1	pCi/g		
P209489	SEP2289BR1621	16	21	FT	RADIUM-228	15262-20-1	0.4	1	pCi/g		
P209589	SEP2389BR1015	10	14	FT	RADIUM-228	15262-20-1	0.1	1.2	pCi/g		
P209889	SEP2689BR1016	10	16	FT	RADIUM-228	15262-20-1	0.4	1.8	pCi/g		
P210189	SEP3089BR0915	9	15	FT	RADIUM-228	15262-20-1	0.4	1.2	pCi/g		
P210189	SEP3089BR1521	15	21	FT	RADIUM-228	15262-20-1	0.1	1.4	pCi/g		
P210189	SEP3089BR2127	21	27	FT	RADIUM-228	15262-20-1	0.4	1.1	pCi/g		
P210289	SEP3189BR0713	7	13	FT	RADIUM-228	15262-20-1	0.1	1.5	pCi/g		
P210289	SEP3189BR1319	13	19	FT	RADIUM-228	15262-20-1	0.4	1.4	pCi/g		
41193	BH40052AE	6	8	FT	STRONTIUM-89,90	11-10-9	0.36	0.5	pCi/g	J	V
41993	BH40065AE	6	12	FT	STRONTIUM-89,90	11-10-9	0.2	0.005	pCi/g	U	V
43893	BH40073AE	6	11	FT	STRONTIUM-89,90	11-10-9	0.57	0.36	pCi/g	U	J
42193	BH40086AE	10	16	FT	STRONTIUM-89,90	11-10-9	0.26	0.21	pCi/g	U	A
42193	BH40091AE	16	22	FT	STRONTIUM-89,90	11-10-9	0.28	0.24	pCi/g	U	A
40993	BH40204AE	6	10	FT	STRONTIUM-89,90	11-10-9	0.26	0.42	pCi/g	J	A
40993	BH40206AE	10	19	FT	STRONTIUM-89,90	11-10-9	0.24	0.12	pCi/g	U	A
41693	BH40220AE	6	12	FT	STRONTIUM-89,90	11-10-9	0.37	0.49	pCi/g	BJ	A
41793	BH40246AE	6	11	FT	STRONTIUM-89,90	11-10-9	0.41	0.45	pCi/g	J	A
42293	BH40256AE	6	11	FT	STRONTIUM-89,90	11-10-9	0.0428865	0.1634	pCi/g		A
42293	BH40258AE	11	13	FT	STRONTIUM-89,90	11-10-9	0.053286	0.2596	pCi/g		A
42393	BH40264AE	6	8	FT	STRONTIUM-89,90	11-10-9	0.55	0.8	pCi/g	J	A
42593	BH40290AE	10	17	FT	STRONTIUM-89,90	11-10-9	0.35	0.34	pCi/g	U	A
43193	BH40309AE	6	11	FT	STRONTIUM-89,90	11-10-9	0.31	0.88	pCi/g	BJ	A
43393	BH40324AE	8	13	FT	STRONTIUM-89,90	11-10-9	0.28	0.39	pCi/g	J	V
43793	BH40335AE	6	12	FT	STRONTIUM-89,90	11-10-9	0.31	0.27	pCi/g	U	A
44093	BH40351AE	6	10	FT	STRONTIUM-89,90	11-10-9	0.0443462	0.02795	pCi/g	U	V
40993	BH40415AE	20	29	FT	STRONTIUM-89,90	11-10-9	0.28	0.26	pCi/g	U	A
40993	BH40416AE	31	35	FT	STRONTIUM-89,90	11-10-9	0.34	0.08	pCi/g	U	A
41593	BH40424AE	6	8	FT	STRONTIUM-89,90	11-10-9	0.25	0.24	pCi/g	U	V
42193	BH40430AE	22	28	FT	STRONTIUM-89,90	11-10-9	0.35	-0.09	pCi/g	U	A
42193	BH40432AE	6	10	FT	STRONTIUM-89,90	11-10-9	0.34	0.67	pCi/g	J	V
42193	BH40433AE	28	31	FT	STRONTIUM-89,90	11-10-9	0.29	0.27	pCi/g	U	A
42493	BH40445AE	8	10	FT	STRONTIUM-89,90	11-10-9	0.29	0.27	pCi/g	U	V
42593	BH40450AE	8	10	FT	STRONTIUM-89,90	11-10-9	0.38	0.4	pCi/g	J	V
43693	BH40521AE	6	8	FT	STRONTIUM-89,90	11-10-9	0.31	0.36	pCi/g	J	V
43693	BH40522AE	8	10	FT	STRONTIUM-89,90	11-10-9	0.6	0.41	pCi/g	U	J
43693	BH40525AE	10	13	FT	STRONTIUM-89,90	11-10-9	0.29	0.28	pCi/g	U	V

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46593	BH40711AE	9	11	FT	STRONTIUM-89,90	11-10-9	0.0381691	0.2754	pCi/g		A
46593	BH40713AE	11	16	FT	STRONTIUM-89,90	11-10-9	0.038436	0.1207	pCi/g		A
46693	BH40726AE	7	8	FT	STRONTIUM-89,90	11-10-9	0.0409981	0.2121	pCi/g		A
46693	BH40728AE	9	15	FT	STRONTIUM-89,90	11-10-9	0.0411919	0.6411	pCi/g		A
46793	BH40740AE	6	8	FT	STRONTIUM-89,90	11-10-9	0.0377738	0.281	pCi/g		A
46793	BH40742AE	8	15	FT	STRONTIUM-89,90	11-10-9	0.0411695	0.2222	pCi/g		A
46893	BH40748AE	7	9	FT	STRONTIUM-89,90	11-10-9	0.0524056	0.3162	pCi/g		A
46893	BH40749AE	9	11	FT	STRONTIUM-89,90	11-10-9	0.05323	0.09154	pCi/g		A
46893	BH40754AE	12	12	FT	STRONTIUM-89,90	11-10-9	0.0572073	0.1303	pCi/g		A
46993	BH40768AE	6	7	FT	STRONTIUM-89,90	11-10-9	0.0411791	0.1645	pCi/g		A
46993	BH40770AE	7	13	FT	STRONTIUM-89,90	11-10-9	0.0563396	0.08669	pCi/g		A
47093	BH40776AE	7	9	FT	STRONTIUM-89,90	11-10-9	0.0486998	0.1139	pCi/g		A
P208889	SEP1689BR1016	10	15	FT	STRONTIUM-89,90	11-10-9		0	pCi/g		
P208989	SEP1789BR0915	9	15	FT	STRONTIUM-89,90	11-10-9		0.1	pCi/g		
P209589	SEP2389BR1015	10	14	FT	STRONTIUM-89,90	11-10-9		-0.3	pCi/g		
SP0187	SP018711DH	10	12	FT	STRONTIUM-89,90	11-10-9		0	pCi/g		
SP0187	SP018713DH	13	15	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP0187	SP018716BR	15	17	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP0187	SP018721DH	20	22	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP0187	SP018723DH	23	24	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP0287	SP028708UC	8	10	FT	STRONTIUM-89,90	11-10-9		0.4	pCi/g		
SP0287	SP028711CT	10	13	FT	STRONTIUM-89,90	11-10-9		0.1	pCi/g		
SP0287	SP028713BR	13	15	FT	STRONTIUM-89,90	11-10-9		0.1	pCi/g		
SP0387	SP038711DH	10	12	FT	STRONTIUM-89,90	11-10-9		-0.1	pCi/g		
SP0387	SP038713CT	13	14	FT	STRONTIUM-89,90	11-10-9		0.1	pCi/g		
SP0387	SP038716BR	15	17	FT	STRONTIUM-89,90	11-10-9		-0.1	pCi/g		
SP0487	SP048707DH	7	9	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP0487	SP048712DH	12	14	FT	STRONTIUM-89,90	11-10-9		0.6	pCi/g		
SP0487	SP048717DH	17	20	FT	STRONTIUM-89,90	11-10-9		0.1	pCi/g		
SP0487	SP048720DH	20	22	FT	STRONTIUM-89,90	11-10-9		0	pCi/g		
SP0487	SP048722DH	22	24	FT	STRONTIUM-89,90	11-10-9		-0.1	pCi/g		
SP0487	SP048725DH	24	27	FT	STRONTIUM-89,90	11-10-9		0.1	pCi/g		
SP0487	SP048727DH	27	30	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP0487	SP048730DH	30	32	FT	STRONTIUM-89,90	11-10-9		0.1	pCi/g		
SP0487	SP048732DH	32	34	FT	STRONTIUM-89,90	11-10-9		0.5	pCi/g		
SP0587	SP058707DH	7	8	FT	STRONTIUM-89,90	11-10-9		-0.2	pCi/g		
SP0587	SP058710DH	10	10	FT	STRONTIUM-89,90	11-10-9		0.1	pCi/g		
SP0587	SP058712DH	13	14	FT	STRONTIUM-89,90	11-10-9		0.1	pCi/g		
SP0587	SP058716DH	15	17	FT	STRONTIUM-89,90	11-10-9		-0.2	pCi/g		
SP0687	SP068708DH	8	10	FT	STRONTIUM-89,90	11-10-9		0	pCi/g		
SP0687	SP068711DH	10	12	FT	STRONTIUM-89,90	11-10-9		0	pCi/g		
SP0687	SP068713DH	13	14	FT	STRONTIUM-89,90	11-10-9		0.1	pCi/g		
SP0687	SP068716DH	16	18	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP0687	SP068718DH	18	20	FT	STRONTIUM-89,90	11-10-9		0.6	pCi/g		
SP0687	SP068721DH	20	23	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP0687	SP068724DH	23	26	FT	STRONTIUM-89,90	11-10-9		0.4	pCi/g		
SP0687	SP068726DH	26	28	FT	STRONTIUM-89,90	11-10-9		-0.2	pCi/g		
SP0787	SP078711DH	10	12	FT	STRONTIUM-89,90	11-10-9		-0.1	pCi/g		
SP0787	SP078713DH	13	15	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP0787	SP078716DH	16	17	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP0787	SP078718WT	18	19	FT	STRONTIUM-89,90	11-10-9		0	pCi/g		
SP0787	SP078721CT	20	23	FT	STRONTIUM-89,90	11-10-9		-0.2	pCi/g		
SP0787	SP078723BR	23	26	FT	STRONTIUM-89,90	11-10-9		0.6	pCi/g		
SP0787	SP078726DH	26	28	FT	STRONTIUM-89,90	11-10-9		0.1	pCi/g		
SP0887	SP088706CT	7	8	FT	STRONTIUM-89,90	11-10-9		-0.4	pCi/g		
SP0887	SP088709BR	9	12	FT	STRONTIUM-89,90	11-10-9		0	pCi/g		
SP0987	SP098706CT	6	8	FT	STRONTIUM-89,90	11-10-9		-0.2	pCi/g		
SP0987	SP098708BR	8	11	FT	STRONTIUM-89,90	11-10-9		-0.1	pCi/g		
SP1087	SP108707DH	7	9	FT	STRONTIUM-89,90	11-10-9		-0.3	pCi/g		
SP1087	SP108709DH	9	11	FT	STRONTIUM-89,90	11-10-9		1.1	pCi/g		
SP1087	SP108711DH	11	13	FT	STRONTIUM-89,90	11-10-9		-0.4	pCi/g		
SP1087	SP108713DH	13	15	FT	STRONTIUM-89,90	11-10-9		0	pCi/g		
SP1087	SP108715DH	15	17	FT	STRONTIUM-89,90	11-10-9		-0.2	pCi/g		
SP1087	SP108717DH	17	19	FT	STRONTIUM-89,90	11-10-9		-0.3	pCi/g		
SP1087	SP108719DH	19	21	FT	STRONTIUM-89,90	11-10-9		-0.3	pCi/g		
SP1087	SP108721WT	21	23	FT	STRONTIUM-89,90	11-10-9		0.1	pCi/g		
SP1087	SP108723DH	23	24	FT	STRONTIUM-89,90	11-10-9		0.4	pCi/g		

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNITS CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SP1087	SP108724DH	24	26	FT	STRONTIUM-89,90	11-10-9		-0.1	pCi/g		
SP1387	SP138706DH	6	9	FT	STRONTIUM-89,90	11-10-9		0	pCi/g		
SP1387	SP138709DH	9	12	FT	STRONTIUM-89,90	11-10-9		-0.3	pCi/g		
SP1387	SP138711DH	12	14	FT	STRONTIUM-89,90	11-10-9		-0.4	pCi/g		
SP1587	SP158708DH	8	10	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP1587	SP158710DH	10	12	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
SP1587	SP158712WT	12	14	FT	STRONTIUM-89,90	11-10-9		-0.2	pCi/g		
SP1587	SP158714CT	14	17	FT	STRONTIUM-89,90	11-10-9		0.3	pCi/g		
SP1587	SP158717BR	17	20	FT	STRONTIUM-89,90	11-10-9		0.2	pCi/g		
P207589	SEP0389BR0915	9	15	FT	STRONTIUM-90	10098-97-2	0.8	-0.3	pCi/g	U	
P207589	SEP0389BR1521	15	21	FT	STRONTIUM-90	10098-97-2	1.1	-0.5	pCi/g	U	
P209089	SEP1889BR1218	12	18	FT	STRONTIUM-90	10098-97-2	1.1	-0.1	pCi/g	U	
P209089	SEP1889BR1824	18	24	FT	STRONTIUM-90	10098-97-2	1.1	0	pCi/g	U	
P209189	SEP1989BR1016	10	16	FT	STRONTIUM-90	10098-97-2	1.1	-0.3	pCi/g	U	
P209189	SEP1989BR1622	16	22	FT	STRONTIUM-90	10098-97-2	1.3	-0.6	pCi/g	U	
P209489	SEP2289BR0912	9	12	FT	STRONTIUM-90	10098-97-2	0.6	-0.3	pCi/g	U	
P209489	SEP2289BR1213	12	13	FT	STRONTIUM-90	10098-97-2	1	-0.4	pCi/g	U	
P209489	SEP2289BR1416	14	16	FT	STRONTIUM-90	10098-97-2	1.4	0.4	pCi/g	U	
P209489	SEP2289BR1621	16	21	FT	STRONTIUM-90	10098-97-2	1.3	-0.7	pCi/g	U	
P209889	SEP2689BR1016	10	16	FT	STRONTIUM-90	10098-97-2	1.3	-0.3	pCi/g	U	
P210189	SEP3089BR0915	9	15	FT	STRONTIUM-90	10098-97-2	0.8	0.2	pCi/g	U	
P210189	SEP3089BR1521	15	21	FT	STRONTIUM-90	10098-97-2	1.3	-0.1	pCi/g	U	
P210189	SEP3089BR2127	21	27	FT	STRONTIUM-90	10098-97-2	0.9	-0.4	pCi/g	U	
P210289	SEP3189BR0713	7	13	FT	STRONTIUM-90	10098-97-2	1.1	-0.2	pCi/g	U	
P210289	SEP3189BR1319	13	19	FT	STRONTIUM-90	10098-97-2	1	-0.5	pCi/g	U	
SP0187	SP018711DH	10	12	FT	TRITIUM	10028-17-8		0.61	pCi/g	<	N
SP0187	SP018713DH	13	15	FT	TRITIUM	10028-17-8		0.61	pCi/g	<	N
SP0187	SP018716BR	15	17	FT	TRITIUM	10028-17-8		0.64	pCi/g	<	N
SP0187	SP018721DH	20	22	FT	TRITIUM	10028-17-8		0.64	pCi/g	<	N
SP0187	SP018723DH	23	24	FT	TRITIUM	10028-17-8		0.64	pCi/g	<	N
SP0287	SP028708UC	8	10	FT	TRITIUM	10028-17-8		0.61	pCi/g	<	N
SP0287	SP028711CT	10	13	FT	TRITIUM	10028-17-8		0.61	pCi/g	<	N
SP0287	SP028713BR	13	15	FT	TRITIUM	10028-17-8		0.61	pCi/g	<	N
SP0387	SP038711DH	10	12	FT	TRITIUM	10028-17-8		0.61	pCi/g	<	N
SP0387	SP038713CT	13	14	FT	TRITIUM	10028-17-8		1.1	pCi/g		N
SP0387	SP038716BR	15	17	FT	TRITIUM	10028-17-8		2	pCi/g		N
SP0487	SP048707DH	7	9	FT	TRITIUM	10028-17-8		0.64	pCi/g	<	N
SP0487	SP048712DH	12	14	FT	TRITIUM	10028-17-8		1	pCi/g		N
SP0487	SP048717DH	17	20	FT	TRITIUM	10028-17-8		0.58	pCi/g	<	N
SP0487	SP048720DH	20	22	FT	TRITIUM	10028-17-8		0.63	pCi/g		N
SP0487	SP048722DH	22	24	FT	TRITIUM	10028-17-8		0.66	pCi/g	<	N
SP0487	SP048725DH	24	27	FT	TRITIUM	10028-17-8		0.66	pCi/g	<	N
SP0487	SP048727DH	27	30	FT	TRITIUM	10028-17-8		0.59	pCi/g	<	N
SP0487	SP048730DH	30	32	FT	TRITIUM	10028-17-8		0.59	pCi/g	<	N
SP0487	SP048732DH	32	34	FT	TRITIUM	10028-17-8		0.63	pCi/g	<	N
SP0587	SP058707DH	7	8	FT	TRITIUM	10028-17-8		0.61	pCi/g	<	N
SP0587	SP058710DH	10	10	FT	TRITIUM	10028-17-8		1.1	pCi/g		N
SP0587	SP058712DH	13	14	FT	TRITIUM	10028-17-8		1.3	pCi/g		N
SP0587	SP058716DH	15	17	FT	TRITIUM	10028-17-8		3.3	pCi/g		N
SP0687	SP068708DH	8	10	FT	TRITIUM	10028-17-8		0.6	pCi/g	<	N
SP0687	SP068711DH	10	12	FT	TRITIUM	10028-17-8		0.6	pCi/g	<	N
SP0687	SP068713DH	13	14	FT	TRITIUM	10028-17-8		0.6	pCi/g	<	N
SP0687	SP068716DH	16	18	FT	TRITIUM	10028-17-8		0.6	pCi/g	<	N
SP0687	SP068718DH	18	20	FT	TRITIUM	10028-17-8		0.6	pCi/g	<	N
SP0687	SP068721DH	20	23	FT	TRITIUM	10028-17-8		0.6	pCi/g	<	N
SP0687	SP068724DH	23	26	FT	TRITIUM	10028-17-8		0.6	pCi/g	<	N
SP0687	SP068726DH	26	28	FT	TRITIUM	10028-17-8		0.6	pCi/g	<	N
SP0787	SP078711DH	10	12	FT	TRITIUM	10028-17-8		0.61	pCi/g	<	N
SP0787	SP078713DH	13	15	FT	TRITIUM	10028-17-8		0.65	pCi/g		N
SP0787	SP078716DH	16	17	FT	TRITIUM	10028-17-8		0.7	pCi/g		N
SP0787	SP078718WT	18	19	FT	TRITIUM	10028-17-8		1.3	pCi/g		N
SP0787	SP078721CT	20	23	FT	TRITIUM	10028-17-8		2.3	pCi/g		N
SP0787	SP078723BR	23	26	FT	TRITIUM	10028-17-8		0.6	pCi/g	<	N
SP0787	SP078726DH	26	28	FT	TRITIUM	10028-17-8		0.6	pCi/g	<	N
SP0887	SP088706CT	7	8	FT	TRITIUM	10028-17-8		2.8	pCi/g		N
SP0887	SP088709BR	9	12	FT	TRITIUM	10028-17-8		3.8	pCi/g		N
SP0987	SP098706CT	6	8	FT	TRITIUM	10028-17-8		0.61	pCi/g	<	N

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SP0987	SP098708BR	8	11	FT	TRITIUM	10028-17-8		0.66	pCi/g	<	N
SP1087	SP108707DH	7	9	FT	TRITIUM	10028-17-8		0.63	pCi/g	<	N
SP1087	SP108709DH	9	11	FT	TRITIUM	10028-17-8		0.58	pCi/g	<	N
SP1087	SP108711DH	11	13	FT	TRITIUM	10028-17-8		0.65	pCi/g		N
SP1087	SP108713DH	13	15	FT	TRITIUM	10028-17-8		0.64	pCi/g	<	N
SP1087	SP108715DH	15	17	FT	TRITIUM	10028-17-8		0.63	pCi/g	<	N
SP1087	SP108717DH	17	19	FT	TRITIUM	10028-17-8		0.61	pCi/g	<	N
SP1087	SP108719DH	19	21	FT	TRITIUM	10028-17-8		0.63	pCi/g	<	N
SP1087	SP108721WT	21	23	FT	TRITIUM	10028-17-8		0.6	pCi/g	<	N
SP1087	SP108723DH	23	24	FT	TRITIUM	10028-17-8		0.6	pCi/g		N
SP1087	SP108724DH	24	26	FT	TRITIUM	10028-17-8		0.59	pCi/g	<	N
SP1387	SP138706DH	6	9	FT	TRITIUM	10028-17-8		0.58	pCi/g	<	N
SP1387	SP138709DH	9	12	FT	TRITIUM	10028-17-8		0.66	pCi/g	<	N
SP1387	SP138711DH	12	14	FT	TRITIUM	10028-17-8		0.58	pCi/g	<	N
SP1587	SP158708DH	8	10	FT	TRITIUM	10028-17-8		0.59	pCi/g	<	N
SP1587	SP158710DH	10	12	FT	TRITIUM	10028-17-8		0.6	pCi/g	<	N
SP1587	SP158712WT	12	14	FT	TRITIUM	10028-17-8		0.61	pCi/g	<	N
SP1587	SP158714CT	14	17	FT	TRITIUM	10028-17-8		0.64	pCi/g	<	N
SP1587	SP158717BR	17	20	FT	TRITIUM	10028-17-8		0.61	pCi/g	<	N
05093	BH00064AE	6	12	FT	URANIUM-234	11-08-5	0.024	0.804	pCi/g		A
05193	BH00069AE	6	11	FT	URANIUM-234	11-08-5	0.024	0.537	pCi/g		A
05393	BH00079AE	18	22	FT	URANIUM-234	11-08-5	0.032	0.918	pCi/g		A
05393	BH00081AE	6	12	FT	URANIUM-234	11-08-5	0.027	1.08	pCi/g		A
05393	BH00084AE	12	18	FT	URANIUM-234	11-08-5	0.032	3.99	pCi/g		A
44593	BH40005AE	6	11	FT	URANIUM-234	11-08-5	0.027	0.242	pCi/g		A
41193	BH40052AE	6	8	FT	URANIUM-234	11-08-5	0.12	1.3	pCi/g	B	A
41993	BH40065AE	6	12	FT	URANIUM-234	11-08-5	0.1	0.38	pCi/g		V
43893	BH40073AE	6	11	FT	URANIUM-234	11-08-5	0.034	1.2	pCi/g	B	V
42193	BH40086AE	10	16	FT	URANIUM-234	11-08-5	0.006	0.99	pCi/g	B	A
42193	BH40091AE	16	22	FT	URANIUM-234	11-08-5	0.007	0.78	pCi/g	B	A
42993	BH40144AE	7	10	FT	URANIUM-234	11-08-5	0.016	1.11	pCi/g		A
40793	BH40160AE	6	8	FT	URANIUM-234	11-08-5	0.005	1.3	pCi/g	B	A
40093	BH40170AE	6	8	FT	URANIUM-234	11-08-5	0.037	1.11	pCi/g		A
44893	BH40191AE	6	12	FT	URANIUM-234	11-08-5	0.019	1.05	pCi/g		A
40993	BH40204AE	6	10	FT	URANIUM-234	11-08-5	0.034	1.2	pCi/g	B	A
40993	BH40206AE	10	19	FT	URANIUM-234	11-08-5	0.039	2.7	pCi/g	B	A
41693	BH40220AE	6	12	FT	URANIUM-234	11-08-5	0.013	3.4	pCi/g	B	A
41793	BH40246AE	6	11	FT	URANIUM-234	11-08-5	0.067	1.2	pCi/g	B	A
42293	BH40256AE	6	11	FT	URANIUM-234	11-08-5	0.070114	0.9066	pCi/g		A
42293	BH40258AE	11	13	FT	URANIUM-234	11-08-5	0.0645537	0.9361	pCi/g		A
42393	BH40264AE	6	8	FT	URANIUM-234	11-08-5	0.015	0.91	pCi/g		A
42593	BH40290AE	10	17	FT	URANIUM-234	11-08-5	0.008	0.84	pCi/g	B	A
43193	BH40309AE	6	11	FT	URANIUM-234	11-08-5	0.026	2	pCi/g	B	A
43393	BH40324AE	8	13	FT	URANIUM-234	11-08-5	0.048	1	pCi/g	B	V
43793	BH40335AE	6	12	FT	URANIUM-234	11-08-5	0.054	1.1	pCi/g	B	A
44093	BH40351AE	6	10	FT	URANIUM-234	11-08-5	0.0511965	0.5887	pCi/g		V
45893	BH40380AE	6	9	FT	URANIUM-234	11-08-5	0.0170227	0.8543	pCi/g		A
45893	BH40382AE	9	18	FT	URANIUM-234	11-08-5	0.0142547	1.517	pCi/g		A
40793	BH40414AE	8	13	FT	URANIUM-234	11-08-5	0.012	1.2	pCi/g	B	A
40993	BH40415AE	20	29	FT	URANIUM-234	11-08-5	0.031	1.9	pCi/g	B	A
40993	BH40416AE	31	35	FT	URANIUM-234	11-08-5	0.068	0.96	pCi/g	B	A
41593	BH40424AE	6	8	FT	URANIUM-234	11-08-5	0.024	1.8	pCi/g	B	A
42193	BH40430AE	22	28	FT	URANIUM-234	11-08-5	0.007	0.83	pCi/g	B	A
42193	BH40432AE	6	10	FT	URANIUM-234	11-08-5	0.021	0.72	pCi/g	B	V
42193	BH40433AE	28	31	FT	URANIUM-234	11-08-5	0.007	1	pCi/g	B	A
42493	BH40445AE	8	10	FT	URANIUM-234	11-08-5	0.02	1	pCi/g	B	A
42593	BH40450AE	8	10	FT	URANIUM-234	11-08-5	0.031	1.2	pCi/g		A
43693	BH40521AE	6	8	FT	URANIUM-234	11-08-5	0.018	2.2	pCi/g	B	A
43693	BH40522AE	8	10	FT	URANIUM-234	11-08-5	0.033	5.4	pCi/g	B	A
43693	BH40525AE	10	13	FT	URANIUM-234	11-08-5	0.021	1.5	pCi/g	B	A
46593	BH40711AE	9	11	FT	URANIUM-234	11-08-5	0.0638591	0.8666	pCi/g		A
46593	BH40713AE	11	16	FT	URANIUM-234	11-08-5	0.120382	1.055	pCi/g		A
46693	BH40726AE	7	8	FT	URANIUM-234	11-08-5	0.0738923	3.825	pCi/g		A
46693	BH40728AE	9	15	FT	URANIUM-234	11-08-5	0.0923176	1.547	pCi/g		A
46793	BH40742AE	8	15	FT	URANIUM-234	11-08-5	0.111501	1.445	pCi/g		V
46893	BH40748AE	7	9	FT	URANIUM-234	11-08-5	0.0654128	2.082	pCi/g		V
46893	BH40749AE	9	11	FT	URANIUM-234	11-08-5	0.0869732	1.994	pCi/g		V

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46893	BH40754AE	12	12	FT	URANIUM-234	11-08-5	0.0886738	1.048	pCi/g		V
46993	BH40768AE	6	7	FT	URANIUM-234	11-08-5	0.0735647	10.99	pCi/g		V
46993	BH40770AE	7	13	FT	URANIUM-234	11-08-5	0.0858914	1.113	pCi/g		V
47093	BH40776AE	7	9	FT	URANIUM-234	11-08-5	0.0707784	1.416	pCi/g		V
P207589	SEP0389BR0915	9	15	FT	URANIUM-234	11-08-5	0.1	2.2	pCi/g		
P207589	SEP0389BR1521	15	21	FT	URANIUM-234	11-08-5	0.2	0.9	pCi/g		
P208889	SEP1689BR1016	10	15	FT	URANIUM-234	11-08-5	0.1	0.9	pCi/g		
P208989	SEP1789BR0915	9	15	FT	URANIUM-234	11-08-5	0.1	0.4	pCi/g		
P209089	SEP1889BR1218	12	18	FT	URANIUM-234	11-08-5	0.1	1.4	pCi/g		
P209089	SEP1889BR1824	18	24	FT	URANIUM-234	11-08-5	0.1	1.3	pCi/g		
P209189	SEP1989BR1016	10	16	FT	URANIUM-234	11-08-5	0.1	0.6	pCi/g		
P209189	SEP1989BR1622	16	22	FT	URANIUM-234	11-08-5	0.1	0.8	pCi/g		
P209489	SEP2289BR0912	9	12	FT	URANIUM-234	11-08-5	0.1	0.9	pCi/g		
P209489	SEP2289BR1213	12	13	FT	URANIUM-234	11-08-5	0.1	0.5	pCi/g		
P209489	SEP2289BR1416	14	16	FT	URANIUM-234	11-08-5	0.1	0.6	pCi/g		
P209489	SEP2289BR1621	16	21	FT	URANIUM-234	11-08-5	0.1	0.5	pCi/g		
P209589	SEP2389BR1015	10	14	FT	URANIUM-234	11-08-5	0.1	0.7	pCi/g		
P209689	SEP2689BR1016	10	16	FT	URANIUM-234	11-08-5	0.1	1.7	pCi/g		
P210189	SEP3089BR0915	9	15	FT	URANIUM-234	11-08-5	0.1	0.7	pCi/g		
P210189	SEP3089BR1521	15	21	FT	URANIUM-234	11-08-5	0.1	1.5	pCi/g		
P210189	SEP3089BR2127	21	27	FT	URANIUM-234	11-08-5	0.1	1.2	pCi/g		
P210289	SEP3189BR0713	7	13	FT	URANIUM-234	11-08-5	0.1	1.3	pCi/g		
P210289	SEP3189BR1319	13	19	FT	URANIUM-234	11-08-5	0.1	1.8	pCi/g		
SP0187	SP018711DH	10	12	FT	URANIUM-234	11-08-5		0.52	pCi/g		N
SP0187	SP018713DH	13	15	FT	URANIUM-234	11-08-5		0.4	pCi/g		N
SP0187	SP018716BR	15	17	FT	URANIUM-234	11-08-5		0.7	pCi/g		N
SP0187	SP018721DH	20	22	FT	URANIUM-234	11-08-5		0.57	pCi/g		N
SP0187	SP018723DH	23	24	FT	URANIUM-234	11-08-5		0.77	pCi/g		N
SP0287	SP028708UC	8	10	FT	URANIUM-234	11-08-5		0.58	pCi/g		N
SP0287	SP028711CT	10	13	FT	URANIUM-234	11-08-5		0.54	pCi/g		N
SP0287	SP028713BR	13	15	FT	URANIUM-234	11-08-5		0.26	pCi/g		N
SP0387	SP038711DH	10	12	FT	URANIUM-234	11-08-5		0.63	pCi/g		N
SP0387	SP038713CT	13	14	FT	URANIUM-234	11-08-5		0.61	pCi/g		N
SP0387	SP038716BR	15	17	FT	URANIUM-234	11-08-5		0.77	pCi/g		N
SP0487	SP048707DH	7	9	FT	URANIUM-234	11-08-5		0.86	pCi/g		N
SP0487	SP048712DH	12	14	FT	URANIUM-234	11-08-5		1.1	pCi/g		N
SP0487	SP048717DH	17	20	FT	URANIUM-234	11-08-5		1	pCi/g		N
SP0487	SP048720DH	20	22	FT	URANIUM-234	11-08-5		1.1	pCi/g		N
SP0487	SP048722DH	22	24	FT	URANIUM-234	11-08-5		1.6	pCi/g		N
SP0487	SP048725DH	24	27	FT	URANIUM-234	11-08-5		1.1	pCi/g		N
SP0487	SP048727DH	27	30	FT	URANIUM-234	11-08-5		0.58	pCi/g		N
SP0487	SP048730DH	30	32	FT	URANIUM-234	11-08-5		0.82	pCi/g		N
SP0487	SP048732DH	32	34	FT	URANIUM-234	11-08-5		0.52	pCi/g		N
SP0587	SP058707DH	7	8	FT	URANIUM-234	11-08-5		0.5	pCi/g		N
SP0587	SP058710DH	10	10	FT	URANIUM-234	11-08-5		1.7	pCi/g		N
SP0587	SP058712DH	13	14	FT	URANIUM-234	11-08-5		1.2	pCi/g		N
SP0587	SP058716DH	15	17	FT	URANIUM-234	11-08-5		1.2	pCi/g		N
SP0687	SP068708DH	8	10	FT	URANIUM-234	11-08-5		0.52	pCi/g		N
SP0687	SP068711DH	10	12	FT	URANIUM-234	11-08-5		0.75	pCi/g		N
SP0687	SP068713DH	13	14	FT	URANIUM-234	11-08-5		0.5	pCi/g		N
SP0687	SP068716DH	16	18	FT	URANIUM-234	11-08-5		0.7	pCi/g		N
SP0687	SP068718DH	18	20	FT	URANIUM-234	11-08-5		1.8	pCi/g		N
SP0687	SP068721DH	20	23	FT	URANIUM-234	11-08-5		1.2	pCi/g		N
SP0687	SP068724DH	23	26	FT	URANIUM-234	11-08-5		1.4	pCi/g		N
SP0687	SP068726DH	26	28	FT	URANIUM-234	11-08-5		1.1	pCi/g		N
SP0787	SP078711DH	10	12	FT	URANIUM-234	11-08-5		0.42	pCi/g		N
SP0787	SP078713DH	13	15	FT	URANIUM-234	11-08-5		0.47	pCi/g		N
SP0787	SP078716DH	16	17	FT	URANIUM-234	11-08-5		0.6	pCi/g		N
SP0787	SP078718WT	18	19	FT	URANIUM-234	11-08-5		0.88	pCi/g		N
SP0787	SP078721CT	20	23	FT	URANIUM-234	11-08-5		1.5	pCi/g		N
SP0787	SP078723BR	23	26	FT	URANIUM-234	11-08-5		1.2	pCi/g		N
SP0787	SP078726DH	26	28	FT	URANIUM-234	11-08-5		1.1	pCi/g		N
SP0887	SP088706CT	7	8	FT	URANIUM-234	11-08-5		0.87	pCi/g		N
SP0887	SP088709BR	9	12	FT	URANIUM-234	11-08-5		1	pCi/g		N
SP0987	SP098706CT	6	8	FT	URANIUM-234	11-08-5		0.94	pCi/g		N
SP0987	SP098708BR	8	11	FT	URANIUM-234	11-08-5		0.84	pCi/g		N
SP1087	SP108707DH	7	9	FT	URANIUM-234	11-08-5		0.66	pCi/g		N

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SP1087	SP108709DH	9	11	FT	URANIUM-234	11-08-5		1	pCi/g		N
SP1087	SP108711DH	11	13	FT	URANIUM-234	11-08-5		0.49	pCi/g		N
SP1087	SP108713DH	13	15	FT	URANIUM-234	11-08-5		0.45	pCi/g		N
SP1087	SP108715DH	15	17	FT	URANIUM-234	11-08-5		0.63	pCi/g		N
SP1087	SP108717DH	17	19	FT	URANIUM-234	11-08-5		1	pCi/g		N
SP1087	SP108719DH	19	21	FT	URANIUM-234	11-08-5		1.4	pCi/g		N
SP1087	SP108721WT	21	23	FT	URANIUM-234	11-08-5		1.1	pCi/g		N
SP1087	SP108723DH	23	24	FT	URANIUM-234	11-08-5		1.2	pCi/g		N
SP1087	SP108724DH	24	26	FT	URANIUM-234	11-08-5		0.48	pCi/g		N
SP1387	SP138706DH	6	9	FT	URANIUM-234	11-08-5		1.3	pCi/g		N
SP1387	SP138709DH	9	12	FT	URANIUM-234	11-08-5		1.2	pCi/g		N
SP1387	SP138711DH	12	14	FT	URANIUM-234	11-08-5		1.7	pCi/g		N
SP1587	SP158708DH	8	10	FT	URANIUM-234	11-08-5		0.64	pCi/g		N
SP1587	SP158710DH	10	12	FT	URANIUM-234	11-08-5		0.82	pCi/g		N
SP1587	SP158712WT	12	14	FT	URANIUM-234	11-08-5		1.2	pCi/g		N
SP1587	SP158714CT	14	17	FT	URANIUM-234	11-08-5		1.1	pCi/g		N
SP1587	SP158717BR	17	20	FT	URANIUM-234	11-08-5		1.1	pCi/g		N
05093	BH00064AE	6	12	FT	URANIUM-235	15117-96-1	0.014	0.0417	pCi/g		A
05193	BH00069AE	6	11	FT	URANIUM-235	15117-96-1	0.029	0.0187	pCi/g	U	A
05393	BH00079AE	18	22	FT	URANIUM-235	15117-96-1	0.014	0.0668	pCi/g		A
05393	BH00081AE	6	12	FT	URANIUM-235	15117-96-1	0.016	0.0235	pCi/g		A
05393	BH00084AE	12	18	FT	URANIUM-235	15117-96-1	0.029	0.146	pCi/g		A
44593	BH40005AE	6	11	FT	URANIUM-235	15117-96-1	0	0.0093	pCi/g		A
41193	BH40052AE	6	8	FT	URANIUM-235	15117-96-1	0.12	0.076	pCi/g	U	A
41993	BH40065AE	6	12	FT	URANIUM-235	15117-96-1	0.2	0.04	pCi/g	U	V
43893	BH40073AE	6	11	FT	URANIUM-235	15117-96-1	0.02	0.024	pCi/g	J	V
42193	BH40086AE	10	16	FT	URANIUM-235	15117-96-1	0.006	0.059	pCi/g	J	A
42193	BH40091AE	16	22	FT	URANIUM-235	15117-96-1	0.007	0.023	pCi/g	J	A
42993	BH40144AE	7	10	FT	URANIUM-235	15117-96-1	0.016	0.0465	pCi/g		A
40793	BH40160AE	6	8	FT	URANIUM-235	15117-96-1	0.011	0.054	pCi/g	BJ	A
40093	BH40170AE	6	8	FT	URANIUM-235	15117-96-1	0.022	0.0832	pCi/g		A
44893	BH40191AE	6	12	FT	URANIUM-235	15117-96-1	0	0.0271	pCi/g		A
40993	BH40204AE	6	10	FT	URANIUM-235	15117-96-1	0.034	0.041	pCi/g	J	A
40993	BH40206AE	10	19	FT	URANIUM-235	15117-96-1	0.039	0.08	pCi/g	J	A
41693	BH40220AE	6	12	FT	URANIUM-235	15117-96-1	0.013	0.13	pCi/g	J	A
41793	BH40246AE	6	11	FT	URANIUM-235	15117-96-1	0.067	0.041	pCi/g	U	A
42293	BH40256AE	6	11	FT	URANIUM-235	15117-96-1	0.0627325	0.0335	pCi/g	U	A
42293	BH40258AE	11	13	FT	URANIUM-235	15117-96-1	0.0645537	0.007956	pCi/g	U	A
42393	BH40264AE	6	8	FT	URANIUM-235	15117-96-1	0.015	0.089	pCi/g	BJ	A
42593	BH40290AE	10	17	FT	URANIUM-235	15117-96-1	0.025	0.031	pCi/g	J	A
43193	BH40309AE	6	11	FT	URANIUM-235	15117-96-1	0.026	0.063	pCi/g	J	A
43393	BH40324AE	8	13	FT	URANIUM-235	15117-96-1	0.018	0.088	pCi/g	BJ	V
43793	BH40335AE	6	12	FT	URANIUM-235	15117-96-1	0.054	-0.005	pCi/g	U	A
44093	BH40351AE	6	10	FT	URANIUM-235	15117-96-1	0.0461623	0.02413	pCi/g	U	V
45893	BH40380AE	6	9	FT	URANIUM-235	15117-96-1	0.0200532	0.01954	pCi/g	U	A
45893	BH40382AE	9	18	FT	URANIUM-235	15117-96-1	0.0105689	0.05644	pCi/g		A
40793	BH40414AE	8	13	FT	URANIUM-235	15117-96-1	0.005	0.058	pCi/g	BJ	A
40993	BH40415AE	20	29	FT	URANIUM-235	15117-96-1	0.048	0.13	pCi/g	J	A
40993	BH40416AE	31	35	FT	URANIUM-235	15117-96-1	0.026	0.094	pCi/g	J	A
41593	BH40424AE	6	8	FT	URANIUM-235	15117-96-1	0.037	0.13	pCi/g	J	A
42193	BH40430AE	22	28	FT	URANIUM-235	15117-96-1	0.029	0.021	pCi/g	U	A
42193	BH40432AE	6	10	FT	URANIUM-235	15117-96-1	0.021	0.1	pCi/g	BJ	V
42193	BH40433AE	28	31	FT	URANIUM-235	15117-96-1	0.007	0.049	pCi/g	J	A
42493	BH40445AE	8	10	FT	URANIUM-235	15117-96-1	0.02	0.047	pCi/g	J	A
42593	BH40450AE	8	10	FT	URANIUM-235	15117-96-1	0.012	0.071	pCi/g	J	A
43693	BH40521AE	6	8	FT	URANIUM-235	15117-96-1	0.03	0.12	pCi/g	J	A
43693	BH40522AE	8	10	FT	URANIUM-235	15117-96-1	0.02	0.26	pCi/g	J	A
43693	BH40525AE	10	13	FT	URANIUM-235	15117-96-1	0.021	0.05	pCi/g	J	A
46593	BH40711AE	9	11	FT	URANIUM-235	15117-96-1	0.0328237	0.03639	pCi/g		A
46593	BH40713AE	11	16	FT	URANIUM-235	15117-96-1	0.0875605	0.02878	pCi/g	U	A
46693	BH40726AE	7	8	FT	URANIUM-235	15117-96-1	0.0687081	0.1154	pCi/g		A
46693	BH40728AE	9	15	FT	URANIUM-235	15117-96-1	0.0696508	0.03641	pCi/g	U	A
46793	BH40742AE	8	15	FT	URANIUM-235	15117-96-1	0.103679	0.09773	pCi/g	U	V
46893	BH40748AE	7	9	FT	URANIUM-235	15117-96-1	0.0767065	0.1179	pCi/g		V
46893	BH40749AE	9	11	FT	URANIUM-235	15117-96-1	0.0782657	0.1386	pCi/g		V
46893	BH40754AE	12	12	FT	URANIUM-235	15117-96-1	0.0427938	0.03163	pCi/g	U	V
46993	BH40768AE	6	7	FT	URANIUM-235	15117-96-1	0.0822207	0.3832	pCi/g		V

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46993	BH40770AE	7	13	FT	URANIUM-235	15117-96-1	0.0954473	0.01176	pCi/g	U	V
47093	BH40776AE	7	9	FT	URANIUM-235	15117-96-1	0.0758893	0.01897	pCi/g	U	V
P207589	SEP0389BR0915	9	15	FT	URANIUM-235	15117-96-1	0.1	0	pCi/g	U	
P207589	SEP0389BR1521	15	21	FT	URANIUM-235	15117-96-1	0.1	0.1	pCi/g		
P208889	SEP1689BR1016	10	15	FT	URANIUM-235	15117-96-1	0.1	0	pCi/g	U	
P208989	SEP1789BR0915	9	15	FT	URANIUM-235	15117-96-1	0.1	0.2	pCi/g		
P209089	SEP1889BR1218	12	18	FT	URANIUM-235	15117-96-1	0.1	0.2	pCi/g		
P209089	SEP1889BR1824	18	24	FT	URANIUM-235	15117-96-1	0.1	0.1	pCi/g		
P209189	SEP1989BR1016	10	16	FT	URANIUM-235	15117-96-1	0.1	0	pCi/g	U	
P209189	SEP1989BR1622	16	22	FT	URANIUM-235	15117-96-1	0.1	0	pCi/g	U	
P209489	SEP2289BR0912	9	12	FT	URANIUM-235	15117-96-1	0.1	0	pCi/g	U	
P209489	SEP2289BR1213	12	13	FT	URANIUM-235	15117-96-1	0.1	0	pCi/g	U	
P209489	SEP2289BR1416	14	16	FT	URANIUM-235	15117-96-1	0.1	0	pCi/g	U	
P209489	SEP2289BR1621	16	21	FT	URANIUM-235	15117-96-1	0.1	0	pCi/g	U	
P209589	SEP2389BR1015	10	14	FT	URANIUM-235	15117-96-1	0.1	0	pCi/g	U	
P209889	SEP2689BR1016	10	16	FT	URANIUM-235	15117-96-1	0.1	0.1	pCi/g		
P210189	SEP3089BR0915	9	15	FT	URANIUM-235	15117-96-1	0.1	0	pCi/g	U	
P210189	SEP3089BR1521	15	21	FT	URANIUM-235	15117-96-1	0.1	0.1	pCi/g		
P210189	SEP3089BR2127	21	27	FT	URANIUM-235	15117-96-1	0.1	0	pCi/g	U	
P210289	SEP3189BR0713	7	13	FT	URANIUM-235	15117-96-1	0.1	0.1	pCi/g		
P210289	SEP3189BR1319	13	19	FT	URANIUM-235	15117-96-1	0.1	0	pCi/g	U	
05093	BH00064AE	6	12	FT	URANIUM-238	7440-61-1	0.024	0.776	pCi/g		A
05193	BH00069AE	6	11	FT	URANIUM-238	7440-61-1	0.011	0.392	pCi/g		A
05393	BH00079AE	18	22	FT	URANIUM-238	7440-61-1	0.029	1.1	pCi/g		A
05393	BH00081AE	6	12	FT	URANIUM-238	7440-61-1	0.027	1.02	pCi/g		A
05393	BH00084AE	12	18	FT	URANIUM-238	7440-61-1	0.028	2.99	pCi/g		A
44593	BH40005AE	6	11	FT	URANIUM-238	7440-61-1	0.019	0.39	pCi/g		A
41193	BH40052AE	6	8	FT	URANIUM-238	7440-61-1	0.16	1.1	pCi/g	B	A
41993	BH40065AE	6	12	FT	URANIUM-238	7440-61-1	0.1	0.52	pCi/g		V
43893	BH40073AE	6	11	FT	URANIUM-238	7440-61-1	0.02	0.68	pCi/g	B	V
42193	BH40086AE	10	16	FT	URANIUM-238	7440-61-1	0.016	1.1	pCi/g	B	A
42193	BH40091AE	16	22	FT	URANIUM-238	7440-61-1	0.007	1	pCi/g	B	A
42993	BH40144AE	7	10	FT	URANIUM-238	7440-61-1	0.016	0.768	pCi/g		A
40793	BH40160AE	6	8	FT	URANIUM-238	7440-61-1	0.005	1.1	pCi/g	B	A
40093	BH40170AE	6	8	FT	URANIUM-238	7440-61-1	0.022	1.1	pCi/g		A
44893	BH40191AE	6	12	FT	URANIUM-238	7440-61-1	0.019	1.08	pCi/g		A
40993	BH40204AE	6	10	FT	URANIUM-238	7440-61-1	0.034	0.87	pCi/g	B	A
40993	BH40206AE	10	19	FT	URANIUM-238	7440-61-1	0.023	2.5	pCi/g	B	A
41693	BH40220AE	6	12	FT	URANIUM-238	7440-61-1	0.013	1.5	pCi/g	B	A
41793	BH40246AE	6	11	FT	URANIUM-238	7440-61-1	0.04	1	pCi/g	B	A
42293	BH40256AE	6	11	FT	URANIUM-238	7440-61-1	0.0473298	0.9267	pCi/g		A
42293	BH40258AE	11	13	FT	URANIUM-238	7440-61-1	0.0487038	0.4895	pCi/g		A
42393	BH40264AE	6	8	FT	URANIUM-238	7440-61-1	0.015	1.1	pCi/g	B	A
42593	BH40290AE	10	17	FT	URANIUM-238	7440-61-1	0.008	0.89	pCi/g	B	A
43193	BH40309AE	6	11	FT	URANIUM-238	7440-61-1	0.026	1.7	pCi/g	B	A
43393	BH40324AE	8	13	FT	URANIUM-238	7440-61-1	0.031	1.7	pCi/g	B	V
43793	BH40335AE	6	12	FT	URANIUM-238	7440-61-1	0.054	0.72	pCi/g	B	A
44093	BH40351AE	6	10	FT	URANIUM-238	7440-61-1	0.0550594	0.5625	pCi/g		V
45893	BH40380AE	6	9	FT	URANIUM-238	7440-61-1	0.0186338	1.051	pCi/g		A
45893	BH40382AE	9	18	FT	URANIUM-238	7440-61-1	0.0142547	1.276	pCi/g		A
40793	BH40414AE	8	13	FT	URANIUM-238	7440-61-1	0.012	1.3	pCi/g	B	A
40993	BH40415AE	20	29	FT	URANIUM-238	7440-61-1	0.048	2.2	pCi/g	B	A
40993	BH40416AE	31	35	FT	URANIUM-238	7440-61-1	0.08	1.1	pCi/g		A
41593	BH40424AE	6	8	FT	URANIUM-238	7440-61-1	0.014	1.2	pCi/g	B	A
42193	BH40430AE	22	28	FT	URANIUM-238	7440-61-1	0.024	0.94	pCi/g	B	A
42193	BH40432AE	6	10	FT	URANIUM-238	7440-61-1	0.012	0.93	pCi/g	B	V
42193	BH40433AE	28	31	FT	URANIUM-238	7440-61-1	0.007	1.1	pCi/g	B	A
42493	BH40445AE	8	10	FT	URANIUM-238	7440-61-1	0.02	0.69	pCi/g	B	A
42593	BH40450AE	8	10	FT	URANIUM-238	7440-61-1	0.02	0.92	pCi/g		A
43693	BH40521AE	6	8	FT	URANIUM-238	7440-61-1	0.018	2.6	pCi/g	B	A
43693	BH40522AE	8	10	FT	URANIUM-238	7440-61-1	0.033	4.7	pCi/g	B	A
43693	BH40525AE	10	13	FT	URANIUM-238	7440-61-1	0.021	1.4	pCi/g	B	A
46593	BH40711AE	9	11	FT	URANIUM-238	7440-61-1	0.0328237	1.237	pCi/g		A
46593	BH40713AE	11	16	FT	URANIUM-238	7440-61-1	0.0787942	1.273	pCi/g		A
46693	BH40726AE	7	8	FT	URANIUM-238	7440-61-1	0.0782628	1.968	pCi/g		A
46693	BH40728AE	9	15	FT	URANIUM-238	7440-61-1	0.0772466	1.59	pCi/g		A
46793	BH40742AE	8	15	FT	URANIUM-238	7440-61-1	0.111501	1.546	pCi/g		V

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
46893	BH40748AE	7	9	FT	URANIUM-238	7440-61-1	0.05178	1.578	pCi/g		V
46893	BH40749AE	9	11	FT	URANIUM-238	7440-61-1	0.0483424	1.786	pCi/g		V
46893	BH40754AE	12	12	FT	URANIUM-238	7440-61-1	0.0692826	1.072	pCi/g		V
46993	BH40768AE	6	7	FT	URANIUM-238	7440-61-1	0.0701151	9.288	pCi/g		V
46993	BH40770AE	7	13	FT	URANIUM-238	7440-61-1	0.0909715	1.15	pCi/g		V
47093	BH40776AE	7	9	FT	URANIUM-238	7440-61-1	0.0568151	1.058	pCi/g		V
P207589	SEP0389BR0915	9	15	FT	URANIUM-238	7440-61-1	0.1	1.9	pCi/g		
P207589	SEP0389BR1521	15	21	FT	URANIUM-238	7440-61-1	0.2	1.1	pCi/g		
P208889	SEP1689BR1016	10	15	FT	URANIUM-238	7440-61-1	0.1	1	pCi/g		
P208989	SEP1789BR0915	9	15	FT	URANIUM-238	7440-61-1	0.1	1.3	pCi/g		
P209089	SEP1889BR1218	12	18	FT	URANIUM-238	7440-61-1	0.1	1.3	pCi/g		
P209089	SEP1889BR1824	18	24	FT	URANIUM-238	7440-61-1	0.2	1.1	pCi/g		
P209189	SEP1989BR1016	10	16	FT	URANIUM-238	7440-61-1	0.1	0.5	pCi/g		
P209189	SEP1989BR1622	16	22	FT	URANIUM-238	7440-61-1	0.1	0.9	pCi/g		
P209489	SEP2289BR0912	9	12	FT	URANIUM-238	7440-61-1	0.1	0.8	pCi/g		
P209489	SEP2289BR1213	12	13	FT	URANIUM-238	7440-61-1	0.1	0.5	pCi/g		
P209489	SEP2289BR1416	14	16	FT	URANIUM-238	7440-61-1	0.1	0.6	pCi/g		
P209489	SEP2289BR1621	16	21	FT	URANIUM-238	7440-61-1	0.1	0.7	pCi/g		
P209589	SEP2389BR1015	10	14	FT	URANIUM-238	7440-61-1	0.1	0.7	pCi/g		
P209889	SEP2689BR1016	10	16	FT	URANIUM-238	7440-61-1	0.1	1.7	pCi/g		
P210189	SEP3089BR0915	9	15	FT	URANIUM-238	7440-61-1	0.1	0.6	pCi/g		
P210189	SEP3089BR1521	15	21	FT	URANIUM-238	7440-61-1	0.1	1.4	pCi/g		
P210189	SEP3089BR2127	21	27	FT	URANIUM-238	7440-61-1	0.1	1.3	pCi/g		
P210289	SEP3189BR0713	7	13	FT	URANIUM-238	7440-61-1	0.1	1.1	pCi/g		
P210289	SEP3189BR1319	13	19	FT	URANIUM-238	7440-61-1	0.1	1.9	pCi/g		
SP0187	SP018711DH	10	12	FT	URANIUM-238	7440-61-1		0.61	pCi/g		N
SP0187	SP018713DH	13	15	FT	URANIUM-238	7440-61-1		0.54	pCi/g		N
SP0187	SP018716BR	15	17	FT	URANIUM-238	7440-61-1		0.53	pCi/g		N
SP0187	SP018721DH	20	22	FT	URANIUM-238	7440-61-1		0.71	pCi/g		N
SP0187	SP018723DH	23	24	FT	URANIUM-238	7440-61-1		0.78	pCi/g		N
SP0287	SP028708UC	8	10	FT	URANIUM-238	7440-61-1		0.49	pCi/g		N
P0287	SP028711CT	10	13	FT	URANIUM-238	7440-61-1		0.55	pCi/g		N
0287	SP028713BR	13	15	FT	URANIUM-238	7440-61-1		0.19	pCi/g		N
SP0387	SP038711DH	10	12	FT	URANIUM-238	7440-61-1		0.67	pCi/g		N
SP0387	SP038713CT	13	14	FT	URANIUM-238	7440-61-1		0.47	pCi/g		N
SP0387	SP038716BR	15	17	FT	URANIUM-238	7440-61-1		0.7	pCi/g		N
SP0487	SP048707DH	7	9	FT	URANIUM-238	7440-61-1		0.81	pCi/g		N
SP0487	SP048712DH	12	14	FT	URANIUM-238	7440-61-1		1	pCi/g		N
SP0487	SP048717DH	17	20	FT	URANIUM-238	7440-61-1		1	pCi/g		N
SP0487	SP048720DH	20	22	FT	URANIUM-238	7440-61-1		1.2	pCi/g		N
SP0487	SP048722DH	22	24	FT	URANIUM-238	7440-61-1		1.3	pCi/g		N
SP0487	SP048725DH	24	27	FT	URANIUM-238	7440-61-1		1.2	pCi/g		N
SP0487	SP048727DH	27	30	FT	URANIUM-238	7440-61-1		0.7	pCi/g		N
SP0487	SP048730DH	30	32	FT	URANIUM-238	7440-61-1		0.98	pCi/g		N
SP0487	SP048732DH	32	34	FT	URANIUM-238	7440-61-1		0.71	pCi/g		N
SP0587	SP058707DH	7	8	FT	URANIUM-238	7440-61-1		0.39	pCi/g		N
SP0587	SP058710DH	10	10	FT	URANIUM-238	7440-61-1		1.4	pCi/g		N
SP0587	SP058712DH	13	14	FT	URANIUM-238	7440-61-1		0.92	pCi/g		N
SP0587	SP058716DH	15	17	FT	URANIUM-238	7440-61-1		0.95	pCi/g		N
SP0687	SP068708DH	8	10	FT	URANIUM-238	7440-61-1		0.59	pCi/g		N
SP0687	SP068711DH	10	12	FT	URANIUM-238	7440-61-1		0.72	pCi/g		N
SP0687	SP068713DH	13	14	FT	URANIUM-238	7440-61-1		0.38	pCi/g		N
SP0687	SP068716DH	16	18	FT	URANIUM-238	7440-61-1		0.82	pCi/g		N
SP0687	SP068718DH	18	20	FT	URANIUM-238	7440-61-1		1.7	pCi/g		N
SP0687	SP068721DH	20	23	FT	URANIUM-238	7440-61-1		1.6	pCi/g		N
SP0687	SP068724DH	23	26	FT	URANIUM-238	7440-61-1		1	pCi/g		N
SP0687	SP068726DH	26	28	FT	URANIUM-238	7440-61-1		1.3	pCi/g		N
SP0787	SP078711DH	10	12	FT	URANIUM-238	7440-61-1		0.5	pCi/g		N
SP0787	SP078713DH	13	15	FT	URANIUM-238	7440-61-1		0.62	pCi/g		N
SP0787	SP078716DH	16	17	FT	URANIUM-238	7440-61-1		0.41	pCi/g		N
SP0787	SP078718WT	18	19	FT	URANIUM-238	7440-61-1		0.7	pCi/g		N
SP0787	SP078721CT	20	23	FT	URANIUM-238	7440-61-1		1.6	pCi/g		N
SP0787	SP078723BR	23	26	FT	URANIUM-238	7440-61-1		1.6	pCi/g		N
SP0787	SP078726DH	26	28	FT	URANIUM-238	7440-61-1		1.2	pCi/g		N
SP0887	SP088706CT	7	8	FT	URANIUM-238	7440-61-1		0.65	pCi/g		N
SP0887	SP088709BR	9	12	FT	URANIUM-238	7440-61-1		0.79	pCi/g		N
0987	SP098706CT	6	8	FT	URANIUM-238	7440-61-1		1.1	pCi/g		N

Table A.11 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soils Greater Than 6 Feet - Radionuclides

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SP0987	SP098708BR	8	11	FT	URANIUM-238	7440-61-1		0.91	pCi/g		N
SP1087	SP108707DH	7	9	FT	URANIUM-238	7440-61-1		0.59	pCi/g		N
SP1087	SP108709DH	9	11	FT	URANIUM-238	7440-61-1		0.97	pCi/g		N
SP1087	SP108711DH	11	13	FT	URANIUM-238	7440-61-1		0.64	pCi/g		N
SP1087	SP108713DH	13	15	FT	URANIUM-238	7440-61-1		0.73	pCi/g		N
SP1087	SP108715DH	15	17	FT	URANIUM-238	7440-61-1		0.7	pCi/g		N
SP1087	SP108717DH	17	19	FT	URANIUM-238	7440-61-1		0.96	pCi/g		N
SP1087	SP108719DH	19	21	FT	URANIUM-238	7440-61-1		1.4	pCi/g		N
SP1087	SP108721WT	21	23	FT	URANIUM-238	7440-61-1		0.99	pCi/g		N
SP1087	SP108723DH	23	24	FT	URANIUM-238	7440-61-1		1.1	pCi/g		N
SP1087	SP108724DH	24	26	FT	URANIUM-238	7440-61-1		0.58	pCi/g		N
SP1387	SP138706DH	6	9	FT	URANIUM-238	7440-61-1		1.2	pCi/g		N
SP1387	SP138709DH	9	12	FT	URANIUM-238	7440-61-1		1.3	pCi/g		N
SP1387	SP138711DH	12	14	FT	URANIUM-238	7440-61-1		1.5	pCi/g		N
SP1587	SP158708DH	8	10	FT	URANIUM-238	7440-61-1		0.51	pCi/g		N
SP1587	SP158710DH	10	12	FT	URANIUM-238	7440-61-1		0.6	pCi/g		N
SP1587	SP158712WT	12	14	FT	URANIUM-238	7440-61-1		1.3	pCi/g		N
SP1587	SP158714CT	14	17	FT	URANIUM-238	7440-61-1		1.1	pCi/g		N
SP1587	SP158717BR	17	20	FT	URANIUM-238	7440-61-1		1.2	pCi/g		N

Table A.12 Solar Evaporation Ponds AOC - Analytical Results for Samples with Null Sample Depths

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	RESULT QUALIFIER	VALIDATION QUALIFIER
42593	BH40291AE				1,1,1-TCA	71-55-6	6	6	ug/Kg	U	V
44593	BH40002AE				1,1,1-TCA	71-55-6	5	14	ug/Kg	U	V
44593	BH40003AE				1,1,1-TCA	71-55-6	5	6	ug/Kg	U	V
45793	BH40558AE				1,1,1-TCA	71-55-6	32	32	ug/Kg	U	V
42593	BH40291AE				1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/Kg	U	V
44593	BH40002AE				1,1,2,2-TETRACHLOROETHANE	79-34-5	5	14	ug/Kg	U	V
44593	BH40003AE				1,1,2,2-TETRACHLOROETHANE	79-34-5	5	6	ug/Kg	U	V
45793	BH40558AE				1,1,2,2-TETRACHLOROETHANE	79-34-5	32	32	ug/Kg	U	V
42593	BH40291AE				1,1,2-TCA	79-00-5	6	6	ug/Kg	U	V
44593	BH40002AE				1,1,2-TCA	79-00-5	5	14	ug/Kg	U	V
44593	BH40003AE				1,1,2-TCA	79-00-5	5	6	ug/Kg	U	V
45793	BH40558AE				1,1,2-TCA	79-00-5	32	32	ug/Kg	U	V
42593	BH40291AE				1,1-DCA	75-34-3	6	6	ug/Kg	U	V
44593	BH40002AE				1,1-DCA	75-34-3	5	14	ug/Kg	U	V
44593	BH40003AE				1,1-DCA	75-34-3	5	6	ug/Kg	U	V
45793	BH40558AE				1,1-DCA	75-34-3	32	32	ug/Kg	U	V
42593	BH40291AE				1,1-DCE	75-35-4	6	6	ug/Kg	U	V
44593	BH40002AE				1,1-DCE	75-35-4	5	14	ug/Kg	U	V
44593	BH40003AE				1,1-DCE	75-35-4	5	6	ug/Kg	U	V
45793	BH40558AE				1,1-DCE	75-35-4	32	32	ug/Kg	U	V
42593	BH40291AE				1,2-DCA	107-06-2	6	6	ug/Kg	U	V
44593	BH40002AE				1,2-DCA	107-06-2	5	14	ug/Kg	U	V
44593	BH40003AE				1,2-DCA	107-06-2	5	6	ug/Kg	U	V
45793	BH40558AE				1,2-DCA	107-06-2	32	32	ug/Kg	U	V
42593	BH40291AE				1,2-DICHLOROETHENE	540-59-0	6	6	ug/Kg	U	V
44593	BH40002AE				1,2-DICHLOROETHENE	540-59-0	5	14	ug/Kg	U	V
44593	BH40003AE				1,2-DICHLOROETHENE	540-59-0	5	6	ug/Kg	U	V
45793	BH40558AE				1,2-DICHLOROETHENE	540-59-0	32	32	ug/Kg	U	V
42593	BH40291AE				1,2-DICHLOROPROPANE	78-87-5	6	6	ug/Kg	U	V
44593	BH40002AE				1,2-DICHLOROPROPANE	78-87-5	5	14	ug/Kg	U	V
44593	BH40003AE				1,2-DICHLOROPROPANE	78-87-5	5	6	ug/Kg	U	V
45793	BH40558AE				1,2-DICHLOROPROPANE	78-87-5	32	32	ug/Kg	U	V
44593	BH40002AE				2-BUTANONE	78-93-3	10	28	ug/Kg	U	V
44593	BH40003AE				2-BUTANONE	78-93-3	10	11	ug/Kg	U	V
42593	BH40291AE				2-HEXANONE	591-78-6	12	12	ug/Kg	U	V
44593	BH40002AE				2-HEXANONE	591-78-6	10	28	ug/Kg	U	V
44593	BH40003AE				2-HEXANONE	591-78-6	10	11	ug/Kg	U	V
45793	BH40558AE				2-HEXANONE	591-78-6	65	65	ug/Kg	U	V
42593	BH40291AE				4-METHYL-2-PENTANONE	108-10-1	12	12	ug/Kg	U	V
44593	BH40002AE				4-METHYL-2-PENTANONE	108-10-1	10	28	ug/Kg	U	V
44593	BH40003AE				4-METHYL-2-PENTANONE	108-10-1	10	11	ug/Kg	U	V
45793	BH40558AE				4-METHYL-2-PENTANONE	108-10-1	65	65	ug/Kg	U	V
42593	BH40291AE				ACETONE	67-64-1	12	140	ug/Kg	B	V
44593	BH40002AE				ACETONE	67-64-1	10	34	ug/Kg	U	J
44593	BH40003AE				ACETONE	67-64-1	10	27	ug/Kg	U	J
45793	BH40558AE				ACETONE	67-64-1	65	65	ug/Kg	U	J
42593	BH40291AE				BENZENE	71-43-2	6	6	ug/Kg	U	V
44593	BH40002AE				BENZENE	71-43-2	5	14	ug/Kg	U	V
44593	BH40003AE				BENZENE	71-43-2	5	6	ug/Kg	U	V
45793	BH40558AE				BENZENE	71-43-2	32	32	ug/Kg	U	V
42593	BH40291AE				BROMODICHLOROMETHANE	75-27-4	6	6	ug/Kg	U	V
44593	BH40002AE				BROMODICHLOROMETHANE	75-27-4	5	14	ug/Kg	U	V
44593	BH40003AE				BROMODICHLOROMETHANE	75-27-4	5	6	ug/Kg	U	V
45793	BH40558AE				BROMODICHLOROMETHANE	75-27-4	32	32	ug/Kg	U	V
42593	BH40291AE				BROMOFORM	75-25-2	6	6	ug/Kg	U	V
44593	BH40002AE				BROMOFORM	75-25-2	5	14	ug/Kg	U	V
44593	BH40003AE				BROMOFORM	75-25-2	5	6	ug/Kg	U	V
45793	BH40558AE				BROMOFORM	75-25-2	32	32	ug/Kg	U	V
42593	BH40291AE				BROMOMETHANE	74-83-9	12	12	ug/Kg	U	V
44593	BH40002AE				BROMOMETHANE	74-83-9	10	28	ug/Kg	U	V
44593	BH40003AE				BROMOMETHANE	74-83-9	10	11	ug/Kg	U	V
45793	BH40558AE				BROMOMETHANE	74-83-9	65	65	ug/Kg	U	V
42593	BH40291AE				CARBON DISULFIDE	75-15-0	6	6	ug/Kg	U	V
44593	BH40002AE				CARBON DISULFIDE	75-15-0	5	14	ug/Kg	U	V
44593	BH40003AE				CARBON DISULFIDE	75-15-0	5	6	ug/Kg	U	V
45793	BH40558AE				CARBON DISULFIDE	75-15-0	32	32	ug/Kg	U	V
42593	BH40291AE				CARBON TETRACHLORIDE	56-23-5	6	6	ug/Kg	U	V
44593	BH40002AE				CARBON TETRACHLORIDE	56-23-5	5	14	ug/Kg	U	V
44593	BH40003AE				CARBON TETRACHLORIDE	56-23-5	5	6	ug/Kg	U	V
45793	BH40558AE				CARBON TETRACHLORIDE	56-23-5	32	32	ug/Kg	U	V
42593	BH40291AE				CHLOROBENZENE	108-90-7	6	6	ug/Kg	U	V
44593	BH40002AE				CHLOROBENZENE	108-90-7	5	14	ug/Kg	U	V
44593	BH40003AE				CHLOROBENZENE	108-90-7	5	6	ug/Kg	U	V
45793	BH40558AE				CHLOROBENZENE	108-90-7	32	32	ug/Kg	U	V
42593	BH40291AE				CHLOROETHANE	75-00-3	12	12	ug/Kg	U	V
44593	BH40002AE				CHLOROETHANE	75-00-3	10	28	ug/Kg	U	V

589

Table A.12 Solar Evaporation Ponds AOC - Analytical Results for Samples with Null Sample Depths

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS No.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
44593	BH40003AE				CHLOROETHANE	75-00-3	10	11	ug/Kg	U	V
45793	BH40558AE				CHLOROETHANE	75-00-3	65	65	ug/Kg	U	V
42593	BH40291AE				CHLOROFORM	67-66-3	6	6	ug/Kg	U	V
44593	BH40002AE				CHLOROFORM	67-66-3	5	14	ug/Kg	U	V
44593	BH40003AE				CHLOROFORM	67-66-3	5	6	ug/Kg	U	V
45793	BH40558AE				CHLOROFORM	67-66-3	32	32	ug/Kg	U	V
42593	BH40291AE				CHLOROMETHANE	74-87-3	12	12	ug/Kg	U	V
44593	BH40002AE				CHLOROMETHANE	74-87-3	10	28	ug/Kg	U	V
44593	BH40003AE				CHLOROMETHANE	74-87-3	10	11	ug/Kg	U	V
45793	BH40558AE				CHLOROMETHANE	74-87-3	65	65	ug/Kg	U	V
42593	BH40291AE				CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/Kg	U	V
44593	BH40002AE				CIS-1,3-DICHLOROPROPENE	10061-01-5	5	14	ug/Kg	U	V
44593	BH40003AE				CIS-1,3-DICHLOROPROPENE	10061-01-5	5	6	ug/Kg	U	V
45793	BH40558AE				CIS-1,3-DICHLOROPROPENE	10061-01-5	32	32	ug/Kg	U	V
42593	BH40291AE				DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/Kg	U	V
44593	BH40002AE				DIBROMOCHLOROMETHANE	124-48-1	5	14	ug/Kg	U	V
44593	BH40003AE				DIBROMOCHLOROMETHANE	124-48-1	5	6	ug/Kg	U	V
45793	BH40558AE				DIBROMOCHLOROMETHANE	124-48-1	32	32	ug/Kg	U	V
42593	BH40291AE				ETHYLBENZENE	100-41-4	6	6	ug/Kg	U	V
44593	BH40002AE				ETHYLBENZENE	100-41-4	5	14	ug/Kg	U	V
44593	BH40003AE				ETHYLBENZENE	100-41-4	5	6	ug/Kg	U	V
45793	BH40558AE				ETHYLBENZENE	100-41-4	32	32	ug/Kg	U	V
42593	BH40291AE				METHYLENE CHLORIDE	75-09-2	6	69	ug/Kg		V
44593	BH40002AE				METHYLENE CHLORIDE	75-09-2	5	14	ug/Kg	U	J
44593	BH40003AE				METHYLENE CHLORIDE	75-09-2	5	6	ug/Kg	U	J
45793	BH40558AE				METHYLENE CHLORIDE	75-09-2	32	32	ug/Kg	U	V
42593	BH40291AE				STYRENE	100-42-5	6	6	ug/Kg	U	V
44593	BH40002AE				STYRENE	100-42-5	5	14	ug/Kg	U	V
44593	BH40003AE				STYRENE	100-42-5	5	6	ug/Kg	U	V
45793	BH40558AE				STYRENE	100-42-5	32	32	ug/Kg	U	V
42593	BH40291AE				TCE	79-01-6	6	6	ug/Kg	U	V
44593	BH40002AE				TCE	79-01-6	5	14	ug/Kg	U	V
44593	BH40003AE				TCE	79-01-6	5	6	ug/Kg	U	V
45793	BH40558AE				TCE	79-01-6	32	32	ug/Kg	U	V
42593	BH40291AE				TETRACHLOROETHENE	127-18-4	6	6	ug/Kg	U	V
44593	BH40002AE				TETRACHLOROETHENE	127-18-4	5	14	ug/Kg	U	V
44593	BH40003AE				TETRACHLOROETHENE	127-18-4	5	6	ug/Kg	U	V
45793	BH40558AE				TETRACHLOROETHENE	127-18-4	32	32	ug/Kg	U	V
42593	BH40291AE				TOLUENE	108-88-3	6	150	ug/Kg		V
44593	BH40002AE				TOLUENE	108-88-3	5	210	ug/Kg		V
44593	BH40003AE				TOLUENE	108-88-3	5	62	ug/Kg		V
45793	BH40558AE				TOLUENE	108-88-3	32	450	ug/Kg		V
42593	BH40291AE				TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/Kg	U	V
44593	BH40002AE				TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	14	ug/Kg	U	V
44593	BH40003AE				TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	6	ug/Kg	U	V
45793	BH40558AE				TRANS-1,3-DICHLOROPROPENE	10061-02-6	32	32	ug/Kg	U	V
42593	BH40291AE				VINYL ACETATE	108-05-4	12	12	ug/Kg	U	V
44593	BH40002AE				VINYL ACETATE	108-05-4	10	28	ug/Kg	U	V
44593	BH40003AE				VINYL ACETATE	108-05-4	10	11	ug/Kg	U	V
45793	BH40558AE				VINYL ACETATE	108-05-4	65	65	ug/Kg	U	V
42593	BH40291AE				VINYL CHLORIDE	75-01-4	12	12	ug/Kg	U	V
44593	BH40002AE				VINYL CHLORIDE	75-01-4	10	28	ug/Kg	U	V
44593	BH40003AE				VINYL CHLORIDE	75-01-4	10	11	ug/Kg	U	V
45793	BH40558AE				VINYL CHLORIDE	75-01-4	65	65	ug/Kg	U	V
42593	BH40291AE				XYLENES (TOTAL)	1330-20-7	6	6	ug/Kg	U	V
44593	BH40002AE				XYLENES (TOTAL)	1330-20-7	5	14	ug/Kg	U	V
44593	BH40003AE				XYLENES (TOTAL)	1330-20-7	5	6	ug/Kg	U	V
45793	BH40558AE				XYLENES (TOTAL)	1330-20-7	32	32	ug/Kg	U	V

590

Table A.13a Solar Evaporation Ponds AOC - Summary Statistics for Detected Analytes in Surface Soils

ANALYTE NAME	CAS NO	Mean	Min	Max	SD	Units	Total Samples	Detection Frequency (%)	PRG (x10-6 for HQ=0.1)	Units	Max/PRG
Aluminum	7429-90-5	10666.24	5.45	32500	5960.39	mg/kg	73	99	14762.81262	mg/kg	2.20148
Antimony	7440-36-0	6.28	1.1	24.8	3.60	mg/kg	67	4	40.88	mg/kg	.60665
Arsenic	7440-38-2	3.35	0.31	7.5	1.73	mg/kg	72	97	2.170120277	mg/kg	3.45603
Barium	7440-39-3	110.34	1.1	393	62.13	mg/kg	73	99	1833.337934	mg/kg	.21436
Beryllium	7440-41-7	1.03	0.085	9.6	1.35	mg/kg	73	19	66.48157812	mg/kg	.1444
Cadmium	7440-43-9	20.19	0.135	382	65.52	mg/kg	73	59	95.4770621	mg/kg	4.00096
CALCIUM	7440-70-2	21690.67	109	248000	33896.36	mg/kg	73	99			
CESIUM	7440-46-2	54.17	1.25	123.5	23.98	mg/kg	72	3			
CHROMIUM	7440-47-3	20.22	0.47	120	18.63	mg/kg	73	97	15.1	mg/kg	7.94702
Cobalt	7440-48-4	6.30	1.05	31	3.71	mg/kg	73	95	93.84000693	mg/kg	.33035
Copper	7440-50-8	19.54	1.1	88.6	18.37	mg/kg	73	99	4088	mg/kg	.02167
Iron	7439-89-6	12460.99	2.2	27900	4341.98	mg/kg	73	99	30660	mg/kg	.90998
Lead	7439-92-1	18.57	2.8	121	17.05	mg/kg	72	100	400	mg/kg	.3025
Lithium	7439-93-2	11.33	0.85	46.3	7.99	mg/kg	73	93	2044	mg/kg	.02265
MAGNESIUM	7439-95-4	2566.99	109	6500	1012.99	mg/kg	73	99			
Manganese	7439-96-5	296.31	1.1	7650	877.93	mg/kg	73	99	219.9760635	mg/kg	34.77651
Mercury	7439-97-6	0.17	0.025	1.8	0.31	mg/kg	69	33	1483.960276	mg/kg	.00121
Nickel	7440-02-0	14.58	2.05	176	19.81	mg/kg	73	95	2044	mg/kg	.08611
POTASSIUM	7440-09-7	2544.37	109	8310	1582.70	mg/kg	73	99			
Selenium	7782-49-2	0.26	0.09	0.56	0.08	mg/kg	73	5	511	mg/kg	.0011
SILICON	7440-21-3	3528.56	10.9	11300	2798.94	mg/kg	61	98			
Silver	7440-22-4	1.19	0.32	3.6	0.54	mg/kg	73	12	511	mg/kg	.00705
SODIUM	7440-23-5	525.20	46.65	3660	765.46	mg/kg	73	37			
Strontium	7440-24-6	55.34	0.55	510	66.49	mg/kg	73	99	61320	mg/kg	.00832
THALLIUM	7440-28-0	0.24	0.075	0.81	0.14	mg/kg	70	9			
Tin	7440-31-5	16.59	0.95	61.5	12.96	mg/kg	73	23	61320	mg/kg	.001
Titanium	7440-32-6	407.00	322	468	75.90	mg/kg	3	100			
Vanadium	7440-62-2	29.61	1.1	67.6	12.53	mg/kg	73	99	715.4	mg/kg	.09449
Zinc	7440-66-6	63.90	1.1	460	65.28	mg/kg	73	99	30660	mg/kg	.015
9-OCTADECENOIC ACID (Z)-	112-80-1	740.00	640	840	141.42	ug/kg	2	100			
1,1,2,2-Tetrachloroethane	79-34-5	96.50	3	190	132.23	ug/kg	2	50	7517.054714	ug/kg	.02528
1,3-DIOXOLANE, 2,2-DIMETHYL-	2916-31-6	320.00	320	320		ug/kg	1	100			
1-METHYL NAPHTHALENE	90-12-0	80.00	80	80		ug/kg	1	100			
2,6-DI-tert-BUTYL-4-METHYL PHENOL	128-37-0	205.00	190	220	21.21	ug/kg	2	100			
2-Methylnaphthalene	91-57-6	205.43	78	370	46.52	ug/kg	65	5	2044000	ug/kg	.00018
3-PENTEN-2-ONE	625-33-2	6100.00	6100	6100		ug/kg	1	100			
4-Methylphenol	106-44-5	207.99	170	370	41.78	ug/kg	67	1	368660.2698	ug/kg	.001
4-Nitrophenol	100-02-7	1021.92	53	1850	242.79	ug/kg	64	2	817600	ug/kg	.00226
9,10-ANTHRAQUINONE	84-65-1	210.00	210	210		ug/kg	1	100			
9-HEXADECENOIC ACID	2091-29-4	2000.00	2000	2000		ug/kg	1	100			
Acenapthene	83-32-9	190.85	40	450	67.67	ug/kg	67	18	4082746.866	ug/kg	.00011
Acetone	67-64-1	6.00	6	6		ug/kg	1	100	10220000	ug/kg	
Anthracene	120-12-7	194.51	44	570	74.48	ug/kg	67	21	20413734.33	ug/kg	.00003
Aroclor-1254	11097-69-1	95.53	10.5	180	28.54	ug/kg	66	5	1236.909303	ug/kg	.14552
Benzo(a)anthracene	56-55-3	198.10	46	1100	152.95	ug/kg	67	57	3489.271611	ug/kg	.31525
Benzo(a)pyrene	50-32-8	222.09	36	1700	218.15	ug/kg	67	55	348.8687389	ug/kg	4.87289
Benzo(b)fluoranthene	205-99-2	266.55	32	2400	328.94	ug/kg	67	69	3489.271611	ug/kg	.68782
BENZO(ghi)PERYLENE	191-24-2	189.49	38	680	98.09	ug/kg	67	45			
BENZO(k)FLUORANTHENE	207-08-9	245.61	32	1100	231.81	ug/kg	64	67	34892.71611	ug/kg	.03153
Bis(2-ethylhexyl)phthalate	117-81-7	622.15	42	21000	2602.12	ug/kg	67	58	196305.7157	ug/kg	.10698
Butyl benzylphthalate	85-68-7	204.37	66	370	48.38	ug/kg	67	7	14746410.79	ug/kg	.00003
CARBAZOLE	86-74-8	203.57	140	410	91.96	ug/kg	7	29			
Chrysene	218-01-9	221.78	36	1300	190.53	ug/kg	67	60	348343.8177	ug/kg	.00373
Dibenz(a,h)anthracene	53-70-3	191.59	38	370	66.64	ug/kg	66	14	348.3438177	ug/kg	1.06217
Dibenzofuran	132-64-9	199.25	47	370	50.74	ug/kg	67	6	294928.2159	ug/kg	.00125
Diethyl phthalate	84-66-2	356.80	170	9800	1199.87	ug/kg	64	2	58985643.17	ug/kg	.00017
DI-n-BUTYL PHTHALATE	84-74-2	205.61	36	1700	225.44	ug/kg	67	31	7373205.396	ug/kg	.00023
Di-n-octylphthalate	117-84-0	196.31	39	370	57.43	ug/kg	67	13	1474641.079	ug/kg	.00025
Fluoranthene	206-44-0	330.73	40	2900	429.92	ug/kg	67	72	2721831.244	ug/kg	.00107
Fluorene	86-73-7	190.91	39	380	63.07	ug/kg	67	15	4082746.866	ug/kg	.00009
HEPTANE, 2,5-DIMETHYL-	2216-30-0	150.00	150	150		ug/kg	1	100			
HEXATRIACONTANE	630-06-8	650.00	650	650	0.00	ug/kg	2	50			
Indeno(1,2,3-cd)pyrene	193-39-5	188.00	42	820	122.46	ug/kg	67	54	3489.271611	ug/kg	.23501
Methylene chloride	75-09-2	2.00	2	2		ug/kg	1	100	186994.9579	ug/kg	.00001
Naphthalene	91-20-3	201.04	37	370	52.80	ug/kg	67	6	199085.4566	ug/kg	.00186
n-OCTACOSANE	630-02-4	2300.00	2300	2300		ug/kg	1	100			
NONACOSANE	630-03-5	1100.00	1100	1100		ug/kg	1	100			
OCTANE, 4-METHYL-	2216-34-4	190.00	190	190		ug/kg	1	100			
o-FLUOROPHENOL	367-12-4	1200.00	1200	1200		ug/kg	1	100			

591

Table A.13a Solar Evaporation Ponds AOC - Summary Statistics for Detected Analytes in Surface Soils

ANALYTE NAME	CAS NO	Mean	Min	Max	SD	Units	Total Samples	Detection Frequency (%)	PRG @ 10-6 or HQ=0.1	Unit	Max/PRG
PALMITIC ACID	57-10-3	833.00	260	1500	471.19	ug/kg	10	80			
PENTADECANE	629-62-9	170.00	170	170		ug/kg	1	100			
PENTATRIACONTANE	630-07-9	1800.00	1800	1800		ug/kg	1	100			
PHENANTHRENE	85-01-8	281.51	37	2700	372.24	ug/kg	67	66			
PROPANOIC ACID, 2-HYDROXY-2-	594-61-6	1100.00	1100	1100		ug/kg	1	100			
Pyrene	129-00-0	345.04	49	2800	427.14	ug/kg	67	70	2211961.619	ug/kg	.00127
TETRATETRACONTANE	7098-22-8	1666.67	1600	1700	57.74	ug/kg	3	67			
Americium-241	14596-10-2	8.69	0.01141	130	23.99	pCi/g	69	100	2.914957638	pCi/g	44.59756
CESIUM-134	13967-70-9	0.02	-0.239	0.15	0.06	pCi/g	55	18			
CESIUM-137	10045-97-3	0.15	-0.0323	0.79	0.19	pCi/g	67	40			
GROSS ALPHA	12587-46-1	42.06	6.736	440	69.21	pCi/g	60	100			
GROSS BETA	12587-47-2	32.24	14.9	110	13.64	pCi/g	71	100			
Plutonium-239/240	10-12-8	3.76	0.0129	56	8.07	pCi/g	60	100	6.649554873	pCi/g	8.42162
RADIUM-226	13982-63-3	1.14	0.32	10.76	1.56	pCi/g	47	94			
RADIUM-228	15262-20-1	1.77	0.49	16	2.09	pCi/g	51	94			
STRONTIUM-89,90	11-10-9	0.36	-0.16	1.5	0.35	pCi/g	63	63			
Uranium-234	11-08-5	3.97	0.51	63.4	8.87	pCi/g	71	100	17.39486023	pCi/g	3.64475
Uranium-235	15117-96-1	0.18	-0.008	2.3	0.34	pCi/g	71	76	0.225621413	pCi/g	10.19407
Uranium-238	7440-61-1	2.62	0.31	27	4.33	pCi/g	72	100	1.033526461	pCi/g	26.12415

592

Table A.13b Solar Evaporation Ponds AOC - Summary Statistics for Detected Analytes in Liner

Analyte	CAS Number	Mean	Min	Max	SD	Units	Total Samples	Number Detects	Detection Frequency (%)	Worker PRG 7 @ 10-6 or HQ=0.1	Unit	Max/PRG
ALUMINUM	7429-90-5	4186.67	2420.00	6970.00	1165.42	mg/kg	15	15	100	22792.15	mg/kg	0.306
ANTIMONY	7440-36-0	4.85	2.55	5.60	0.94	mg/Kg	15	1	7	40.88	mg/kg	0.137
ARSENIC	7440-38-2	0.89	0.37	1.50	0.30	mg/Kg	15	9	60	2.22	mg/kg	0.677
BARIUM	7440-39-3	45.37	26.90	57.50	9.07	mg/kg	15	15	100	2642.62	mg/kg	0.022
BERYLLIUM	7440-41-7	0.23	0.10	0.70	0.18	mg/Kg	15	6	40	92.06	mg/kg	0.008
CADMIUM	7440-43-9	10.13	0.40	69.70	19.14	mg/kg	15	10	67	96.17	mg/kg	0.725
CALCIUM	7440-70-2	1832.80	832.00	2660.00	572.96	mg/kg	15	15	100			
CESIUM	7440-46-2	2.06	0.43	7.70	2.58	mg/Kg	15	12	80			
CHROMIUM	7440-47-3	15.41	5.70	37.50	8.90	mg/kg	15	15	100	26.78	mg/kg	1.400
COBALT	7440-48-4	3.46	0.70	4.70	1.03	mg/Kg	15	14	93	154.56	mg/kg	0.030
COPPER	7440-50-8	12.93	2.20	24.60	6.23	mg/Kg	15	14	93	4088.00	mg/kg	0.006
CYANIDE	57-12-5	0.09	0.05	0.17	0.06	mg/kg	6	2	33	2044.00	mg/kg	0.000
IRON	7439-89-6	8061.33	5350.00	12200.00	1890.79	mg/Kg	15	15	100	30660.00	mg/kg	0.398
LEAD	7439-92-1	24.10	3.80	107.00	33.74	mg/kg	15	15	100	1000.00	mg/kg	0.107
LITHIUM	7439-93-2	8.17	3.80	13.40	3.05	mg/kg	15	15	100	2044.00	mg/kg	0.007
MAGNESIUM	7439-95-4	2087.33	1320.00	2750.00	348.15	mg/Kg	15	15	100		mg/kg	
MANGANESE	7439-96-5	123.18	91.90	162.00	20.38	mg/Kg	15	15	100	347.76	mg/kg	0.466
NICKEL	7440-02-0	11.64	7.80	16.20	3.00	mg/Kg	15	15	100	2044.00	mg/kg	0.008
POTASSIUM	7440-09-7	1878.67	1010.00	3110.00	625.66	mg/kg	15	15	100			
SELENIUM	7782-49-2	0.29	0.20	0.48	0.09	mg/kg	15	3	20	511.00	mg/kg	0.001
SODIUM	7440-23-5	674.13	135.00	1540.00	441.07	mg/Kg	15	15	100			
STRONTIUM	7440-24-6	11.45	5.40	17.60	4.18	mg/kg	15	15	100	61320.00	mg/kg	0.000
THALLIUM	7440-28-0	0.48	0.37	0.96	0.14	mg/kg	15	1	7			
TIN	7440-31-5	0.84	0.31	2.45	0.74	mg/Kg	15	12	80	61320.00	mg/kg	0.000
TITANIUM	7440-32-6	407.00	322.00	468.00	75.90	mg/kg	3	3	100			
VANADIUM	7440-62-2	29.41	16.30	39.00	7.57	mg/Kg	15	15	100	715.40	mg/kg	0.055
ZINC	7440-66-6	29.21	19.90	74.00	13.50	mg/Kg	15	15	100	30660.00	mg/kg	0.002
AMERICIUM-241	14596-10-2	1.70	0.00	8.19	2.35	pCi/g	15	15	60	7.60	pCi/g	1.077
CESIUM-134	13967-70-9	0.18	0.02	0.25	0.08	pCi/g	12	12	100			
CESIUM-137	10045-97-3	0.12	0.07	0.17	0.04	pCi/g	12	12	100			
PLUTONIUM-238	13981-16-3	0.01	0.01	0.02	0.00	pCi/g	6	6	100			
PLUTONIUM-239/240	10-12-8	0.92	0.01	3.36	1.15	pCi/g	15	15	100	11.60	pCi/g	0.290
STRONTIUM-89	14158-27-1	0.26	0.00	0.50	0.19	pCi/g	12	12	100			
STRONTIUM-90	10098-97-2	0.01	-0.10	0.20	0.09	pCi/g	12	12	100			
URANIUM-233,-234	11-08-5	1.71	0.68	4.66	0.92	pCi/g	15	15	100	30.00	pCi/g	0.155
URANIUM-235	15117-96-1	0.13	0.02	0.27	0.08	pCi/g	15	15	67	0.80	pCi/g	0.337
URANIUM-238	7440-61-1	1.36	0.52	2.68	0.61	pCi/g	15	15	100	35.10	pCi/g	0.076

593

Table A.14 - Solar Evaporation Ponds AOC - Summary Statistics for Analytes Detected In Subsurface Samples Less Than 6 Feet

Analyte Name	CAS NO	Mean	Min	Max	SD	Units	Total Samples	Detection Frequency (%)	PRG @10-6 or HQ=0.1	Units	Max/PRG
Aluminum	7429-90-5	12638.82	2250	39100	6909.30	mg/Kg	102	100	14762.8	mg/kg	2.64855
Arsenic	7440-38-2	4.75	0.295	15.5	3.21	mg/Kg	103	94	2.2	mg/kg	7.14246
Barium	7440-39-3	210.60	13.45	11600	1140.47	mg/Kg	102	99	1833.3	mg/kg	6.32726
Beryllium	7440-41-7	1.05	0.12	5.6	1.10	mg/Kg	102	37	66.5	mg/kg	.08423
Cadmium	7440-43-9	15.59	0.1	547	67.93	mg/Kg	97	30	95.5	mg/kg	5.72912
CALCIUM	7440-70-2	38219.59	706	325000	57180.74	mg/Kg	102	100			
CHROMIUM	7440-47-3	15.83	3.8	56.9	9.85	mg/Kg	102	100	15.1	mg/kg	3.76821
Cobalt	7440-48-4	6.23	0.95	36.2	4.28	mg/Kg	102	87	93.8	mg/kg	.38576
Copper	7440-50-8	11.10	1.8	46.9	7.34	mg/Kg	102	96	4088.0	mg/kg	.01147
Cyanide	57-12-5	1.60	0.08	30.7	4.92	mg/kg	51	27	2044.0	mg/kg	.01502
Iron	7439-89-6	12160.88	3210	31100	5307.71	mg/Kg	102	100	30660.0	mg/kg	1.01435
Lead	7439-92-1	10.23	2.1	37.2	6.76	mg/Kg	103	97	400.0	mg/kg	.093
Lithium	7439-93-2	13.53	1.9	60	10.54	mg/Kg	103	98	2044.0	mg/kg	.02935
MAGNESIUM	7439-95-4	2587.45	703	6460	1153.52	mg/Kg	102	100			
Manganese	7439-96-5	187.24	43.6	1220	168.80	mg/Kg	102	100	220.0	mg/kg	5.54606
Mercury	7439-97-6	0.23	0.025	10.8	1.12	mg/Kg	93	28	1484.0	mg/kg	.00728
Molybdenum	7439-98-7	2.71	0.3	14.2	2.66	mg/Kg	101	18	511.0	mg/kg	.02779
Nickel	7440-02-0	14.63	0.95	61.8	10.68	mg/Kg	99	86	2044.0	mg/kg	.03023
Nitrate	14797-55-8	752.44	206	1600	430.90	MG/KG	9	100	163520.0	mg/kg	.00978
POTASSIUM	7440-09-7	2711.38	66	21100	2789.97	mg/Kg	103	92			
Selenium	7782-49-2	0.45	0.09	3.15	0.63	mg/Kg	95	11	511.0	mg/kg	.00616
SILICON	7440-21-3	2607.95	360	14000	2817.25	mg/Kg	55	98			
Silver	7440-22-4	0.96	0.205	5.2	0.63	mg/Kg	100	12	511.0	mg/kg	.01018
SODIUM	7440-23-5	1466.01	100.5	10200	1864.89	mg/Kg	102	61			
Strontium	7440-24-6	72.22	7.9	354	68.56	mg/Kg	102	86	61320.0	mg/kg	.00577
SULFIDE	18496-25-8	5.50	1	18.6	3.90	mg/kg	61	8			
THALLIUM	7440-28-0	0.28	0.024	1.25	0.26	mg/Kg	98	4			
Tin	7440-31-5	13.59	1.1	62.8	12.41	mg/Kg	101	23	61320.0	mg/kg	.00102
Titanium	7440-32-6	258.14	118	464	139.78	MG/KG	7	100			
Vanadium	7440-62-2	30.22	8.2	82.2	15.92	mg/Kg	102	100	715.4	mg/kg	.1149
Zinc	7440-66-6	29.80	7.2	168	21.51	mg/Kg	102	100	30660.0	mg/kg	.00548
1,1,1-TCA	71-55-6	12.54	2.5	360	53.69	ug/Kg	79	1	5298325.7	ug/kg	.00007
1,1,2,2-Tetrachloroethane	79-34-5	27.08	2.5	1000	123.39	ug/Kg	81	2	7517.1	ug/kg	.13303
1,2,3-TRIMETHYLBENZENE	526-73-8	700.00	700	700		ug/Kg	1	100			
1,2,4-Trichlorobenzene	120-82-1	237.67	42	405	98.74	ug/Kg	27	4	864409.5	ug/kg	.00047
1-octanol	111-87-5	600.00	600	600		ug/Kg	1	100			
2,4-DNT	121-14-2	237.70	43	405	98.66	ug/Kg	27	4	5626.0	ug/kg	.07199
2-Butanone	78-93-3	7.31	2	29	5.99	ug/Kg	26	8	12999759.4	ug/kg	
2-Methylnaphthalene	91-57-6	215.11	35	950	166.68	ug/Kg	27	33	2044000.0	ug/kg	.00046
2-PENTANONE, 4-HYDROXY-4-METHYL	123-42-2	77142.86	10000	100000	36839.42	ug/Kg	7	86			
Acenapthene	83-32-9	211.37	25	395	100.72	ug/Kg	27	11	4082746.9	ug/kg	.0001
Acetone	67-64-1	40.36	1	800	123.81	ug/Kg	67	42	10220000.0	ug/kg	.00008
Benzo(a)pyrene	50-32-8	237.65	34	405	98.31	ug/Kg	26	4	348.9	ug/kg	1.1609
Bis(2-ethylhexyl)phthalate	117-81-7	144.41	38	430	84.49	ug/Kg	27	48	196305.7	ug/kg	.00219
Butyl benzylphthalate	85-68-7	159.19	23	375	87.11	ug/Kg	27	26	14746410.8	ug/kg	.00003
Chrysene	218-01-9	224.19	43	405	98.51	ug/Kg	27	7	348343.8	ug/kg	.00116
DI-n-BUTYL PHTHALATE	84-74-2	136.22	27	330	79.47	ug/Kg	27	41	7373205.4	ug/kg	.00004
Di-n-octylphthalate	117-84-0	243.33	45	405	99.35	ug/Kg	27	4	1474641.1	ug/kg	.00027
Diethyl phthalate	84-66-2	237.50	20	405	100.05	ug/Kg	26	8	58985643.2	ug/kg	.00001
ETHYL ACETATE	141-78-6	1000.00	1000	1000		ug/Kg	1	100			
Fluoranthene	206-44-0	236.81	59	405	95.70	ug/Kg	27	4	2721831.2	ug/kg	.00015
Fluorene	86-73-7	222.85	21	395	97.80	ug/Kg	27	7	4082746.9	ug/kg	.0001
Lauric Diathanolamide	120-40-1	5125.00	1000	8000	2031.01	ug/Kg	8	100			
Methylene chloride	75-09-2	22.44	1	540	85.04	ug/Kg	80	46	186995.0	ug/kg	.00289
MYRISTIC ACID	544-63-8	900.00	900	900		ug/Kg	1	100			
n-DODECANE	112-40-3	1260.00	300	2000	733.48	ug/Kg	5	80			
n-HEXADECANE	544-76-3	700.00	400	1000	424.26	ug/Kg	2	100			
n-Nitrosodiphenylamine	86-30-6	237.11	67	405	95.14	ug/Kg	27	4	780748.7	ug/kg	.00052
n-TETRADECANE	629-59-4	2750.00	2000	3000	500.00	ug/Kg	4	75			

594

Table A.14 - Solar Evaporation Ponds AOC - Summary Statistics for Analytes Detected In Subsurface Samples Less Than 6 Feet

Analyte Name	CAS NO	Mean	Min	Max	Sd	Units	Total Samples	Detection Frequency (%)	PRG @ 10-6 or HQ=0.1	Units	Max/PRG
n-UNDECANE	1120-21-4	1666.67	1000	2000	577.35	ug/Kg	3	100			
Naphthalene	91-20-3	206.30	59	395	86.81	ug/Kg	27	19	199085.5	ug/kg	.00198
Octametylcylotetrasiloxane	556-67-2	1566.67	400	2000	697.61	ug/Kg	6	83			
PALMITIC ACID	57-10-3	290.00	290	290		ug/Kg	1	100			
PENTADECANE	629-62-9	1350.00	300	2000	747.66	ug/Kg	6	83			
PHENANTHRENE	85-01-8	210.74	25	395	98.13	ug/Kg	27	11			
Phenol	108-95-2	243.85	59	405	98.31	ug/Kg	27	4	61320000.0	ug/kg	.00001
Pyrene	129-00-0	202.26	17	405	105.06	ug/Kg	27	15	2211961.6	ug/kg	.00018
sec-Octylbromide	557-35-7	2000.00	2000	2000		ug/Kg	1	100			
TCE	79-01-6	12.53	2.5	360	53.69	ug/Kg	79	1	1258.7	ug/kg	.286
Tetrachloroethene	127-18-4	12.56	2	360	53.69	ug/Kg	79	1	55126.4	ug/kg	.00653
Toluene	108-88-3	121.54	2	1200	203.78	ug/Kg	79	73	1965581.8	ug/kg	.00061
TRIDECANE	629-50-5	4000.00	4000	4000		ug/Kg	1	100			
UNDECANE, 2,6-DIMETHYL-	17301-23-4	1000.00	1000	1000		ug/Kg	1	100			
Americium-241	14596-10-2	0.48	-0.04	6.1	0.98	pCi/g	95	86	2.9	pCi/g	2.09265
CESIUM-134	13967-70-9	0.04	-0.0396	0.15	0.05	pCi/g	61	34			
CESIUM-137	10045-97-3	0.03	-0.018	0.42	0.08	pCi/g	82	11			
GROSS ALPHA	12587-46-1	26.82	1.721	490	49.02	pCi/g	99	95			
GROSS BETA	12587-47-2	26.81	12.44	120	12.33	pCi/g	118	99			
Plutonium-239/240	10-12-8	0.63	-0.06	19.78	2.11	pCi/g	98	83	6.6	pCi/g	2.97464
RADIUM-226	13982-63-3	1.57	0.48	9.28	1.66	pCi/g	73	96			
RADIUM-228	15262-20-1	1.53	0.6438	3.9	0.58	pCi/g	77	95			
STRONTIUM-89,90	11-10-9	0.18	-0.6	0.74	0.26	pCi/g	88	69			
STRONTIUM-90	10098-97-2	0.14	-0.5	2.6	0.86	pCi/g	11	9			
TRITIUM	10028-17-8	0.81	0.58	3	0.57	pCi/g	18	72			
Uranium-234	11-08-5	2.92	0	21	4.01	pCi/g	118	99	17.4	pCi/g	1.20725
Uranium-235	15117-96-1	0.12	0	0.87	0.15	pCi/g	99	72	0.2	pCi/g	3.85602
Uranium-238	7440-61-1	1.95	0.1	11.46	2.13	pCi/g	118	97	1.0	pCi/g	11.08825

595

Table A.15 Solar Evaporation Ponds AOC - Summary Statistics for Detected Analytes in Subsurface Soils Greater than 6 Feet

ANALYTE NAME	CASNO	Mean	Min	Max	SD	UNITS	Total Samples	Detection Frequency (%)	PRG @ 10E-6 HQ=1.0	Unit	Max/PRG
Aluminum	7429-90-5	8364.44	2160	42400	5549.95	mg/kg	72	100	14762.8	mg/kg	2.872
Antimony	7440-36-0	4.69	1.15	6.3	1.70	mg/kg	57	2	40.9	mg/kg	0.154
Arsenic	7440-38-2	4.06	0.19	24.6	3.99	mg/kg	72	93	2.2	mg/kg	11.336
Barium	7440-39-3	147.26	9.7	4150	496.56	mg/kg	72	90	1833.3	mg/kg	2.264
Beryllium	7440-41-7	0.89	0.17	3.1	0.71	mg/kg	72	32	66.5	mg/kg	0.047
Cadmium	7440-43-9	2.78	0.09	61.4	9.11	mg/kg	64	22	95.5	mg/kg	0.643
CALCIUM	7440-70-2	20685.00	1050	328000	44795.88	mg/kg	72	100			
CESIUM	7440-46-2	152.09	7.15	2410	437.73	mg/kg	72	4			
CHROMIUM	7440-47-3	9.73	1.35	34.4	5.53	mg/kg	72	94	15.1	mg/kg	2.278
Cobalt	7440-48-4	6.64	0.365	33.8	5.27	mg/kg	72	85	93.8	mg/kg	0.360
Copper	7440-50-8	12.37	1.95	50.2	8.68	mg/kg	72	96	4088.0	mg/kg	0.012
Cyanide	57-12-5	0.35	0.095	1.94	0.31	mg/kg	39	8	2044.0	mg/kg	0.001
Iron	7439-89-6	11435.14	1060	50800	7680.03	mg/kg	72	99	30660.0	mg/kg	1.657
Lead	7439-92-1	12.35	2.4	38.7	8.11	mg/kg	71	100	400.0	mg/kg	0.097
Lithium	7439-93-2	7.31	0.31	79.9	9.44	mg/kg	72	82	2044.0	mg/kg	0.039
MAGNESIUM	7439-95-4	2256.00	425	5860	1089.79	mg/kg	72	99			
Manganese	7439-96-5	188.57	21.5	3140	377.98	mg/kg	72	100	220.0	mg/kg	14.274
Mercury	7439-97-6	0.14	0.025	2.1	0.35	mg/kg	60	20	1484.0	mg/kg	0.001
Molybdenum	7439-98-7	2.49	0.5	11.4	2.07	mg/kg	68	9	511.0	mg/kg	0.022
Nickel	7440-02-0	14.94	0.85	82.1	13.94	mg/kg	70	83	2044.0	mg/kg	0.040
POTASSIUM	7440-09-7	1594.76	180	7870	1368.37	mg/kg	65	91			
Selenium	7782-49-2	0.32	0.09	2.3	0.33	mg/kg	65	5	511.0	mg/kg	0.005
SILICON	7440-21-3	2351.80	424	9450	2300.15	mg/kg	41	100			
Silver	7440-22-4	0.98	0.275	2.9	0.44	mg/kg	70	11	511.0	mg/kg	0.006
SODIUM	7440-23-5	768.27	80	7010	1297.60	mg/kg	72	46			
Strontium	7440-24-6	71.10	8.2	398	56.23	mg/kg	72	76	61320.0	mg/kg	0.006
SULFIDE	18496-25-8	4.85	1	13.6	3.06	mg/kg	57	7			
THALLIUM	7440-28-0	0.24	0.105	2.1	0.25	mg/kg	63	6			
Tin	7440-31-5	14.71	2.4	91.1	13.44	mg/kg	68	18	61320.0	mg/kg	0.001
Vanadium	7440-62-2	23.91	3	58.4	11.76	mg/kg	72	96	715.4	mg/kg	0.082
Zinc	7440-66-6	38.84	8	124	25.75	mg/kg	72	100	30660.0	mg/kg	0.004
2-HEXANONE	591-78-6	6.95	5	61	6.90	ug/kg	76	1			
Acetone	67-64-1	95.67	4	2700	397.40	ug/kg	68	46	10220000.0	ug/kg	0.000
Bis(2-ethylhexyl)phthalate	117-81-7	185.43	46	205	40.80	ug/kg	14	7	196305.7	ug/kg	0.001
Di-n-BUTYL PHTHALATE	84-74-2	185.86	52	205	39.23	ug/kg	14	7	7373205.4	ug/kg	0.000
Methylene chloride	75-09-2	35.55	1	630	121.40	ug/kg	88	59	186995.0	ug/kg	0.003
PALMITIC ACID	57-10-3	325.00	230	420	134.35	ug/kg	2	100			
Tetrachloroethene	127-18-4	22.53	2	370	79.04	ug/kg	88	7	55126.4	ug/kg	0.007
Toluene	108-88-3	92.77	2.5	370	91.57	ug/kg	88	77	1965581.8	ug/kg	0.000
Americium-241	14596-10-2	0.03	-0.06	0.28	0.04	pCi/g	116	72	2.9	pCi/g	0.096
CESIUM-134	13967-70-9	0.04	-0.032	0.12	0.05	pCi/g	39	44			
CESIUM-137	10045-97-3	0.00	-0.038	0.0122	0.01	pCi/g	59	2			
GROSS ALPHA	12587-46-1	21.29	-0.498	116.7	11.81	pCi/g	130	92			
GROSS BETA	12587-47-2	22.67	7.1	55	7.09	pCi/g	133	94			
Plutonium-239/240	10-12-8	0.03	-0.06	0.83	0.12	pCi/g	119	68	6.6	pCi/g	0.125
RADIUM-226	13982-63-3	1.12	0.37	6.838	0.99	pCi/g	55	93			
RADIUM-228	15262-20-1	1.48	0.63	3.5	0.47	pCi/g	57	96			
STRONTIUM-89,90	11-10-9	0.15	-0.4	1.1	0.27	pCi/g	104	68			
TRITIUM	10028-17-8	0.84	0.58	3.8	0.65	pCi/g	61	69			
Uranium-234	11-08-5	1.20	0.242	10.99	1.11	pCi/g	132	95	17.4	pCi/g	0.632
Uranium-235	15117-96-1	0.06	-0.005	0.3832	0.07	pCi/g	71	61	0.23	pCi/g	1.698
Uranium-238	7440-61-1	1.13	0.19	9.288	0.91	pCi/g	132	97	1.0	pCi/g	8.987

596

Table A.16 Solar Evaporation Ponds AOC - Summary Statistics for Detected Analytes for Samples with Null Sample Depths

ANALYTE NAME	CAS No	Mean	Min	Max	SD	Unit	Total Samples	Detection Frequency (%)	PRG @ 10-6 or HQ=0.1	Unit	Max PRG
Acetone	67-64-1	50.8	13.5	140	60	ug/Kg	4	25	10220000	ug/kg	0.00001
Methylene chloride	75-09-2	23.8	3	69	31	ug/Kg	4	25	186994.958	ug/kg	0.00037
Toluene	108-88-3	218	62	450	166	ug/Kg	4	100	1965581.77	ug/kg	0.00023

597

Table A.17 Solar Evaporation Ponds AOC - Summary Statistics for Non-Detected Analytes - Surface Soils

ANALYTE NAME	CAS NO.	Mean	Min	Max	SD	Units	Total Samples	Detection Frequency	RBC @ 10-6 Cancer Risk	Unit	Q/RBC
Molybdenum	7439-98-7	2.26	0.29	4.95	0.78	mg/Kg	73	0	511	mg/kg	.0096869
1,1,1-TCA	71-55-6	3.00	3	3		ug/Kg	1	0	5298325.735	ug/kg	.0000006
1,1,2-TCA	79-00-5	3.00	3	3		ug/Kg	1	0	16202.5729	ug/kg	.0001852
1,1-DCA	75-34-3	3.00	3	3		ug/Kg	1	0	1455931.358	ug/kg	.0000021
1,1-DCE	75-35-4	3.00	3	3		ug/Kg	1	0	1126.981499	ug/kg	.002662
1,2,4-Trichlorobenzene	120-82-1	207.84	170	370	41.57	ug/Kg	67	0	864409.5168	ug/kg	.000428
1,2-DCA	107-06-2	3.00	3	3		ug/Kg	1	0	6946.817601	ug/kg	.0004319
1,2-DCB	95-50-1	207.84	170	370	41.57	ug/Kg	67	0	2130957.741	ug/kg	.0001736
1,2-DICHLOROETHENE	540-59-0	3.00	3	3		ug/Kg	1	0	919800	ug/kg	.0000033
1,2-Dichloropropane	78-87-5	3.00	3	3		ug/Kg	1	0	20323.30144	ug/kg	.0001476
1,3-DICHLOROBENZENE	541-73-1	207.84	170	370	41.57	ug/Kg	67	0			
1,4-DCB	106-46-7	208.69	170	370	41.88	ug/Kg	65	0	63143.48706	ug/kg	.0058597
2,4,5-Trichlorophenol	95-95-4	1035.82	850	1850	207.77	ug/Kg	67	0	10220000	ug/kg	.000181
2,4,6-Trichlorophenol	88-06-2	207.84	170	370	41.57	ug/Kg	67	0	345925.4524	ug/kg	.0010696
2,4-Dichlorophenol	120-83-2	207.84	170	370	41.57	ug/Kg	67	0	306600	ug/kg	.0012068
2,4-Dimethylphenol	105-67-9	207.84	170	370	41.57	ug/Kg	67	0	2044000	ug/kg	.000181
2,4-Dinitrophenol	51-28-5	1035.82	850	1850	207.77	ug/Kg	67	0	204400	ug/kg	.0090509
2,4-DNT	121-14-2	208.11	170	370	41.83	ug/Kg	66	0	5625.983014	ug/kg	.0657663
2,6-DNT	606-20-2	207.84	170	370	41.57	ug/Kg	67	0	5625.983014	ug/kg	.0657663
2-Butanone	78-93-3	6.00	6	6		ug/Kg	1	0	12999759.38	ug/kg	.0000005
2-Chloronaphthalene	91-58-7	207.84	170	370	41.57	ug/Kg	67	0	8176000	ug/kg	.0000453
2-Chlorophenol	95-57-8	207.84	170	370	41.57	ug/Kg	67	0	511000	ug/kg	.0007241
2-HEXANONE	591-78-6	6.00	6	6		ug/Kg	1	0			
2-Methylphenol	95-48-7	207.84	170	370	41.57	ug/Kg	67	0	3686602.698	ug/kg	.0001004
2-Nitroaniline	88-74-4	1035.82	850	1850	207.77	ug/Kg	67	0	985280.6017	ug/kg	.0018776
2-NITROPHENOL	88-75-5	207.84	170	370	41.57	ug/Kg	67	0			
3,3'-Dichlorobenzidine	91-94-1	414.84	340	750	87.05	ug/Kg	62	0	6133.385357	ug/kg	.1222816
3-NITROANILINE	99-09-2	1035.82	850	1850	207.77	ug/Kg	67	0			
4,4'-DDD	72-54-8	10.11	8	18	2.06	ug/Kg	61	0	14285.5858	ug/kg	.00126
4,4'-DDE	72-55-9	10.11	8	18	2.06	ug/Kg	61	0	10083.94292	ug/kg	.001785
4,4'-DDT	50-29-3	10.11	8	18	2.06	ug/Kg	61	0	10030.77808	ug/kg	.0017945
4,6-Dinitro-2-methylphenol	534-52-1	1035.82	850	1850	207.77	ug/Kg	67	0	102200	ug/kg	.0181018
4-CHLORO-3-METHYLPHENOL	59-50-7	207.84	170	370	41.57	ug/Kg	67	0			
4-Chloroaniline	106-47-8	207.84	170	370	41.57	ug/Kg	67	0	294928.2159	ug/kg	.0012545
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	207.84	170	370	41.57	ug/Kg	67	0			
4-METHYL-2-PENTANONE	108-10-1	6.00	6	6		ug/Kg	1	0	1048764.735	ug/kg	.0000057
4-NITROANILINE	100-01-6	1035.82	850	1850	207.77	ug/Kg	67	0			
ACENAPHTHYLENE	208-96-8	207.84	170	370	41.57	ug/Kg	67	0			
Aldrin	309-00-2	5.06	4.1	9	1.02	ug/Kg	61	0	161.6635306	ug/kg	.0556712
alpha-BHC	319-84-6	5.06	4.1	9	1.02	ug/Kg	61	0	523.3268079	ug/kg	.0171977
alpha-Chlordane	5103-71-9	50.65	41	90	10.25	ug/Kg	61	0	9419.882543	ug/kg	.0095543
Aroclor-1016	12674-11-2	49.23	32	90	11.03	ug/Kg	66	0	4643.826191	ug/kg	.0193806
Aroclor-1221	11104-28-2	49.23	32	90	11.03	ug/Kg	66	0	1236.909303	ug/kg	.072762
Aroclor-1232	11141-16-5	48.44	21.5	90	12.54	ug/Kg	66	0	1236.909303	ug/kg	.072762
Aroclor-1242	53469-21-9	47.61	10.5	90	14.55	ug/Kg	66	0	1236.909303	ug/kg	.072762
Aroclor-1248	12672-29-6	47.61	10.5	90	14.55	ug/Kg	66	0	1236.909303	ug/kg	.072762
Aroclor-1260	11096-82-5	94.28	10.5	180	31.22	ug/Kg	66	0	1236.909303	ug/kg	.145524
Benzene	71-43-2	3.00	3	3		ug/Kg	1	0	13748.71341	ug/kg	.0002182
Benzoic acid	65-85-0	1047.58	850	1850	211.63	ug/Kg	62	0	408800000	ug/kg	.0000045
Benzyl alcohol	100-51-6	210.08	170	370	42.75	ug/Kg	60	0	30660000	ug/kg	.0000121
beta-BHC	319-85-7	5.06	4.1	9	1.02	ug/Kg	61	0	1831.643828	ug/kg	.0049136
beta-Chlordane	5103-74-2	50.65	41	90	10.25	ug/Kg	61	0	9419.882543	ug/kg	.0095543
Bis(2-chlorethyl)ether	111-44-4	207.84	170	370	41.57	ug/Kg	67	0	3477.880408	ug/kg	.1063866
BIS(2-CHLOROETHOXY)METHANE	111-91-1	207.84	170	370	41.57	ug/Kg	67	0			
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	207.84	170	370	41.57	ug/Kg	67	0			
Bromodichloromethane	75-27-4	3.00	3	3		ug/Kg	1	0	61704.32983	ug/kg	.0000486
Bromoform	75-25-2	3.00	3	3		ug/Kg	1	0	321384.3537	ug/kg	.0000093
Bromomethane	74-83-9	6.00	6	6		ug/Kg	1	0	12009.14094	ug/kg	.0004996
CARBON DISULFIDE	75-15-0	3.00	3	3		ug/Kg	1	0	943153.2538	ug/kg	.0000032
Carbon tetrachloride	56-23-5	3.00	3	3		ug/Kg	1	0	5033.018241	ug/kg	.0005961
Chlorobenzene	108-90-7	3.00	3	3		ug/Kg	1	0	408246.4463	ug/kg	.0000073
Chloroethane	75-00-3	6.00	6	6		ug/Kg	1	0	1319196.017	ug/kg	.0000045
Chloroform	67-66-3	3.00	3	3		ug/Kg	1	0	1130.428781	ug/kg	.0026539
Chloromethane	74-87-3	6.00	6	6		ug/Kg	1	0	23016.34234	ug/kg	.0002607
Cis-1,3-Dichloropropene	10061-01-5	3.00	3	3		ug/Kg	1	0	20095.41645	ug/kg	.0001493
delta-BHC	319-86-8	5.06	4.1	9	1.02	ug/Kg	61	0			
Dibromochloromethane	124-48-1	3.00	3	3		ug/Kg	1	0	32857.42155	ug/kg	.0000913
Dieldrin	60-57-1	10.11	8	18	2.06	ug/Kg	61	0	171.7675013	ug/kg	.1047928
DIESEL FUEL	68334-30-5	13.50	13	14.5	0.87	mg/Kg	3	0			
Dimethly phthalate	131-11-3	207.84	170	370	41.57	ug/Kg	67	0	737320539.6	ug/kg	.0000005
ENDOSULFAN I	959-98-8	5.06	4.1	9	1.02	ug/Kg	61	0	442392.3238	ug/kg	.0000203
ENDOSULFAN II	33213-65-9	10.11	8	18	2.06	ug/Kg	61	0	442392.3238	ug/kg	.0000407
ENDOSULFAN SULFATE	1031-07-8	10.11	8	18	2.06	ug/Kg	61	0	442392.3238	ug/kg	.0000407
ENDRIN	72-20-8	10.11	8	18	2.06	ug/Kg	61	0	22119.61619	ug/kg	.0008138
ENDRIN KETONE	53494-70-5	10.11	8	18	2.06	ug/Kg	61	0			
Ethylbenzene	100-41-4	3.00	3	3		ug/Kg	1	0	249767.9483	ug/kg	.000012

598

Table A.17 Solar Evaporation Ponds AOC - Summary Statistics for Non-Detected Analytes - Surface Soils

ANALYTE NAME	CAS No.	Mean	Min	Max	2 SD	Units	Total Samples	Detection Frequency (%)	PRG (at HQ=0.1 or HI=0.1)	Units	MAX/PRG
gamma-BHC [Lindane]	58-89-9	5.06	4.1	9	1.02	ug/Kg	61	0	2549.133679	ug/kg	.0035306
GASOLINE	8006-61-9	270.00	260	285	13.23	ug/Kg	3	0			
Heptachlor	76-44-8	5.06	4.1	9	1.02	ug/Kg	61	0	610.7288934	ug/kg	.0147365
Heptachlor epoxide	1024-57-3	5.06	4.1	9	1.02	ug/Kg	61	0	302.0087934	ug/kg	.0298005
Hexachlorobenzene	118-74-1	207.84	170	370	41.57	ug/Kg	67	0	1717.675013	ug/kg	.2154075
Hexachlorobutadiene	87-68-3	207.84	170	370	41.57	ug/Kg	67	0	14746.41079	ug/kg	.0250909
Hexachlorocyclopentadiene	77-47-4	207.84	170	370	41.57	ug/Kg	67	0	305142.542	ug/kg	.0012125
Hexachloroethane	67-72-1	207.84	170	370	41.57	ug/Kg	67	0	73732.05396	ug/kg	.0050182
Isophorone	78-59-1	207.84	170	370	41.57	ug/Kg	67	0	2905287.8	ug/kg	.0001274
Methoxychlor	72-43-5	50.65	41	90	10.25	ug/Kg	61	0	511000	ug/kg	.0001761
Nitrobenzene	98-95-3	207.84	170	370	41.57	ug/Kg	67	0	26629.80934	ug/kg	.0138942
n-Nitrosodi-n-propylamine	621-64-7	207.84	170	370	41.57	ug/Kg	67	0	546.5240842	ug/kg	.6770059
n-Nitrosodiphenylamine	86-30-6	207.84	170	370	41.57	ug/Kg	67	0	780748.6631	ug/kg	.0004739
p-BROMODIPHENYL ETHER	101-55-3	207.84	170	370	41.57	ug/Kg	67	0			
Pentachlorophenol	87-86-5	1035.82	850	1850	207.77	ug/Kg	67	0	16222.14497	ug/kg	.1140416
Phenol	108-95-2	207.84	170	370	41.57	ug/Kg	67	0	61320000	ug/kg	.000006
Styrene	100-42-5	3.00	3	3		ug/Kg	1	0	9624882.831	ug/kg	.0000003
TCE	79-01-6	3.00	3	3		ug/Kg	1	0	1258.740281	ug/kg	.0023833
Tetrachloroethene	127-18-4	3.00	3	3		ug/Kg	1	0	55126.377	ug/kg	.0000544
Toluene	108-88-3	3.00	3	3		ug/Kg	1	0	1965581.77	ug/kg	.0000015
Toxaphene	8001-35-2	101.15	80	180	20.56	ug/Kg	61	0	2498.436382	ug/kg	.0720451
Trans-1,3-Dichloropropene	10061-02-6	3.00	3	3		ug/Kg	1	0	20095.41645	ug/kg	.0001493
TRIBUTYL PHOSPHATE	126-73-8	175.00	175	175	0.00	ug/Kg	1	0			
Vinyl acetate	108-05-4	6.00	6	6		ug/Kg	1	0	92601905.06	ug/kg	.0000001
Vinyl chloride	75-01-4	6.00	6	6		ug/Kg	1	0	1830.340783	ug/kg	.0032781
Xylenes (total)	1330-20-7	3.00	3	3		ug/Kg	1	0	204400000	ug/kg	.00000001

599

Table A.18 Solar Evaporation Ponds AOC - Summary Statistics For Non-Detected Analytes in Subsurface Soils Less than 6 Feet

ANALYTE NAME	CAS NO	Mean	Min	Max	SD	UNITS	Total Samples	Detection Frequency (%)	PRG @10-6 Risk	Units	Max/PRG
Antimony	7440-36-0	4.55	1.25	14.25	2.21	mg/Kg	90	0	40.9	mg/kg	.348581
CESIUM	7440-46-2	53.19	5.5	125	36.42	mg/Kg	103	0			
1,1,2-TCA	79-00-5	12.58	2.5	360	53.69	ug/Kg	79	0	16202.6	ug/kg	.022219
1,1-DCA	75-34-3	12.58	2.5	360	53.69	ug/Kg	79	0	1455931.4	ug/kg	.000247
1,1-DCE	75-35-4	12.58	2.5	360	53.69	ug/Kg	79	0	1127.0	ug/kg	.319437
1,2-DCA	107-06-2	12.58	2.5	360	53.69	ug/Kg	79	0	6946.8	ug/kg	.051822
1,2-DCB	95-50-1	248.33	175	405	92.12	ug/Kg	27	0	2130957.7	ug/kg	.00019
1,2-DICHLOROETHENE	540-59-0	12.58	2.5	360	54.04	ug/Kg	78	0	919800.0	ug/kg	.000391
1,2-Dichloropropane	78-87-5	12.58	2.5	360	53.69	ug/Kg	79	0	20323.3	ug/kg	.017714
1,3-DICHLOROBENZENE	541-73-1	248.33	175	405	92.12	ug/Kg	27	0			
1,4-DCB	106-46-7	248.33	175	405	92.12	ug/Kg	27	0	63143.5	ug/kg	.006414
2,4,5-Trichlorophenol	95-95-4	922.22	850	1100	57.74	ug/Kg	27	0	10220000.0	ug/kg	.000108
2,4,6-Trichlorophenol	88-06-2	248.33	175	405	92.12	ug/Kg	27	0	345925.5	ug/kg	.001171
2,4-Dichlorophenol	120-83-2	248.33	175	405	92.12	ug/Kg	27	0	306600.0	ug/kg	.001321
2,4-Dimethylphenol	105-67-9	248.33	175	405	92.12	ug/Kg	27	0	2044000.0	ug/kg	.000198
2,4-Dinitrophenol	51-28-5	922.22	850	1100	57.74	ug/Kg	27	0	204400.0	ug/kg	.005382
2,6-DNT	606-20-2	248.33	175	405	92.12	ug/Kg	27	0	5626.0	ug/kg	.071987
2-CHLOROETHYL VINYL ETHER	110-75-8	25.00	25	25		ug/Kg	1	0			
2-Chloronaphthalene	91-58-7	248.33	175	405	92.12	ug/Kg	27	0	8176000.0	ug/kg	.00005
2-Chlorophenol	95-57-8	248.33	175	405	92.12	ug/Kg	27	0	511000.0	ug/kg	.000793
2-HEXANONE	591-78-6	7.81	2.5	32	6.91	ug/Kg	77	0			
2-Methylphenol	95-48-7	248.33	175	405	92.12	ug/Kg	27	0	3686602.7	ug/kg	.00011
2-Nitroaniline	88-74-4	922.22	850	1100	57.74	ug/Kg	27	0	985280.6	ug/kg	.001116
2-NITROPHENOL	88-75-5	248.33	175	405	92.12	ug/Kg	27	0			
3,3'-Dichlorobenzidine	91-94-1	372.41	330	445	23.10	ug/Kg	27	0	6133.4	ug/kg	.072554
3-NITROANILINE	99-09-2	922.22	850	1100	57.74	ug/Kg	27	0			
4,4'-DDD	72-54-8	8.56	2	10.5	1.78	ug/Kg	17	0	14285.6	ug/kg	.000735
4,4'-DDE	72-55-9	8.56	2	10.5	1.78	ug/Kg	17	0	10083.9	ug/kg	.001041
4,4'-DDT	50-29-3	8.56	2	10.5	1.78	ug/Kg	17	0	10030.8	ug/kg	.001047
4,6-Dinitro-2-methylphenol	534-52-1	920.37	850	1100	55.92	ug/Kg	27	0	102200.0	ug/kg	.010763
4-CHLORO-3-METHYLPHENOL	59-50-7	248.33	175	405	92.12	ug/Kg	27	0			
4-Chloroaniline	106-47-8	248.33	175	405	92.12	ug/Kg	27	0	294928.2	ug/kg	.001373
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	248.33	175	405	92.12	ug/Kg	27	0			
4-METHYL-2-PENTANONE	108-10-1	7.81	2.5	32	6.91	ug/Kg	77	0	1048764.7	ug/kg	.000031
4-Methylphenol	106-44-5	248.33	175	405	92.12	ug/Kg	27	0	368660.3	ug/kg	.001099
4-NITROANILINE	100-01-6	920.37	850	1100	55.92	ug/Kg	27	0			
4-Nitrophenol	100-02-7	922.22	850	1100	57.74	ug/Kg	27	0	817600.0	ug/kg	.001345
ACENAPHTHYLENE	208-96-8	248.33	175	405	92.12	ug/Kg	27	0			
Aldrin	309-00-2	4.32	1	5.5	0.90	ug/Kg	17	0	161.7	ug/kg	.034021
alpha-BHC	319-84-6	4.32	1	5.5	0.90	ug/Kg	17	0	523.3	ug/kg	.01051
alpha-Chlordane	5103-71-9	45.25	43	55	2.99	ug/Kg	16	0	9419.9	ug/kg	.005839
Anthracene	120-12-7	248.33	175	405	92.12	ug/Kg	27	0	20413734.3	ug/kg	.00002
Aroclor-1016	12674-11-2	43.18	10	55	9.03	ug/Kg	17	0	4643.8	ug/kg	.011844
Aroclor-1221	11104-28-2	43.18	10	55	9.03	ug/Kg	17	0	1236.9	ug/kg	.044466
Aroclor-1232	11141-16-5	43.18	10	55	9.03	ug/Kg	17	0	1236.9	ug/kg	.044466
Aroclor-1242	53469-21-9	43.18	10	55	9.03	ug/Kg	17	0	1236.9	ug/kg	.044466
Aroclor-1248	12672-29-6	43.18	10	55	9.03	ug/Kg	17	0	1236.9	ug/kg	.044466
Aroclor-1254	11097-69-1	85.59	20	105	17.76	ug/Kg	17	0	1236.9	ug/kg	.084889
Aroclor-1260	11096-82-5	85.59	20	105	17.76	ug/Kg	17	0	1236.9	ug/kg	.084889
Benzene	71-43-2	12.58	2.5	360	53.69	ug/Kg	79	0	13748.7	ug/kg	.026184
Benzo(a)anthracene	56-55-3	248.33	175	405	92.12	ug/Kg	27	0	3489.3	ug/kg	.11607
Benzo(b)fluoranthene	205-99-2	250.96	175	405	92.91	ug/Kg	26	0	3489.3	ug/kg	.11607
BENZO(ghi)PERYLENE	191-24-2	250.96	175	405	92.91	ug/Kg	26	0			
BENZO(k)FLUORANTHENE	207-08-9	250.96	175	405	92.91	ug/Kg	26	0	34892.7	ug/kg	.011607
Benzoic acid	65-85-0	903.33	850	950	35.19	ug/Kg	15	0	408800000.0	ug/kg	.000002
Benzyl alcohol	100-51-6	183.85	175	195	6.82	ug/Kg	13	0	30660000.0	ug/kg	.000006
beta-BHC	319-85-7	4.32	1	5.5	0.90	ug/Kg	17	0	1831.6	ug/kg	.003003
beta-Chlordane	5103-74-2	45.25	43	55	2.99	ug/Kg	16	0	9419.9	ug/kg	.005839
Bis(2-chlorethyl)ether	111-44-4	248.33	175	405	92.12	ug/Kg	27	0	3477.9	ug/kg	.11645
BIS(2-CHLOROETHOXY)METHANE	111-91-1	248.33	175	405	92.12	ug/Kg	27	0			
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	248.33	175	405	92.12	ug/Kg	27	0			
Bromodichloromethane	75-27-4	12.58	2.5	360	53.69	ug/Kg	79	0	61704.3	ug/kg	.005834
Bromoform	75-25-2	12.70	2.5	360	54.03	ug/Kg	78	0	321384.4	ug/kg	.00112
Bromomethane	74-83-9	25.72	5	700	107.74	ug/Kg	76	0	12009.1	ug/kg	.058289
CARBAZOLE	86-74-8	328.33	175	405	86.24	ug/Kg	12	0			
CARBON DISULFIDE	75-15-0	12.58	2.5	360	53.69	ug/Kg	79	0	943153.3	ug/kg	.000382
Carbon tetrachloride	56-23-5	12.58	2.5	360	53.69	ug/Kg	79	0	5033.0	ug/kg	.071528
CHLORDANE	57-74-9	10.00	10	10		ug/Kg	1	0			
Chlorobenzene	108-90-7	12.58	2.5	360	53.69	ug/Kg	79	0	408246.4	ug/kg	.000882
Chloroethane	75-00-3	25.21	5	700	106.38	ug/Kg	78	0	1319196.0	ug/kg	.000531
Chloroform	67-66-3	12.58	2.5	360	53.69	ug/Kg	79	0	1130.4	ug/kg	.318463
Chloromethane	74-87-3	25.07	5	700	107.09	ug/Kg	77	0	23016.3	ug/kg	.030413
Cis-1,3-Dichloropropene	10061-01-5	12.58	2.5	360	53.69	ug/Kg	79	0	20095.4	ug/kg	.017915
delta-BHC	319-86-8	4.32	1	5.5	0.90	ug/Kg	17	0			
Dibenz(a,h)anthracene	53-70-3	250.96	175	405	92.91	ug/Kg	26	0	348.3	ug/kg	1.162644
Dibenzofuran	132-64-9	248.33	175	405	92.12	ug/Kg	27	0	294928.2	ug/kg	.001373
Dibromochloromethane	124-48-1	12.58	2.5	360	53.69	ug/Kg	79	0	32857.4	ug/kg	.010956
Dieldrin	60-57-1	8.56	2	10.5	1.78	ug/Kg	17	0	171.8	ug/kg	.061129
Dimethly phthalate	131-11-3	248.33	175	405	92.12	ug/Kg	27	0	737320539.6	ug/kg	.000001

600

Table A.18 Solar Evaporation Ponds AOC - Summary Statistics For Non-Detected Analytes In Subsurface Soils Less than 6 Feet

ANALYTE NAME	CAS No.	Mean	Min	Max	SD	UNITS	Total # Samples	% Detection Frequency (%)	PRG @10E-6 or HQ=0.1	Unit	Max/PRG
ENDOSULFAN I	959-98-8	4.32	1	5.5	0.90	ug/Kg	17	0	442392.3	ug/kg	.000012
ENDOSULFAN II	33213-65-9	8.56	2	10.5	1.78	ug/Kg	17	0	442392.3	ug/kg	.000024
ENDOSULFAN SULFATE	1031-07-8	8.56	2	10.5	1.78	ug/Kg	17	0	442392.3	ug/kg	.000024
ENDRIN	72-20-8	8.56	2	10.5	1.78	ug/Kg	17	0	22119.6	ug/kg	.000475
ENDRIN KETONE	53494-70-5	8.56	2	10.5	1.78	ug/Kg	17	0			
Ethylbenzene	100-41-4	12.58	2.5	360	53.69	ug/Kg	79	0	249767.9	ug/kg	.001441
gamma-BHC [Lindane]	58-89-9	4.32	1	5.5	0.90	ug/Kg	17	0	2549.1	ug/kg	.002158
Heptachlor	76-44-8	4.32	1	5.5	0.90	ug/Kg	17	0	610.7	ug/kg	.009006
Heptachlor epoxide	1024-57-3	4.32	1	5.5	0.90	ug/Kg	17	0	302.0	ug/kg	.018211
Hexachlorobenzene	118-74-1	248.33	175	405	92.12	ug/Kg	27	0	1717.7	ug/kg	.235784
Hexachlorobutadiene	87-68-3	248.33	175	405	92.12	ug/Kg	27	0	14746.4	ug/kg	.027464
Hexachlorocyclopentadiene	77-47-4	248.33	175	405	92.12	ug/Kg	27	0	305142.5	ug/kg	.001327
Hexachloroethane	67-72-1	248.33	175	405	92.12	ug/Kg	27	0	73732.1	ug/kg	.005493
Indeno(1,2,3-cd)pyrene	193-39-5	250.96	175	405	92.91	ug/Kg	26	0	3489.3	ug/kg	.11607
Isophorone	78-59-1	248.33	175	405	92.12	ug/Kg	27	0	2905287.8	ug/kg	.000139
Methoxychlor	72-43-5	43.18	10	55	9.03	ug/Kg	17	0	511000.0	ug/kg	.000108
n-Nitrosodi-n-propylamine	621-64-7	248.33	175	405	92.12	ug/Kg	27	0	546.5	ug/kg	.741047
Nitrobenzene	98-95-3	248.33	175	405	92.12	ug/Kg	27	0	26629.8	ug/kg	.015209
p-BROMODIPHENYL ETHER	101-55-3	248.33	175	405	92.12	ug/Kg	27	0			
Pentachlorophenol	87-86-5	922.22	850	1100	57.74	ug/Kg	27	0	16222.1	ug/kg	.067809
Styrene	100-42-5	12.58	2.5	360	53.69	ug/Kg	79	0	9624882.8	ug/kg	.000037
Toxaphene	8001-35-2	85.59	20	105	17.76	ug/Kg	17	0	2498.4	ug/kg	.042026
trans-1,2-DICHLOROETHENE	156-60-5	12.50	12.5	12.5		ug/Kg	1	0			
Trans-1,3-Dichloropropene	10061-02-6	12.58	2.5	360	53.69	ug/Kg	79	0	20095.4	ug/kg	.017915
TRIBUTYL PHOSPHATE	126-73-8	191.67	175	220	24.66	ug/Kg	3	0			
Vinyl acetate	108-05-4	28.16	5	700	113.74	ug/Kg	68	0	92601905.1	ug/kg	.000008
Vinyl chloride	75-01-4	24.96	5	700	105.72	ug/Kg	79	0	1830.3	ug/kg	.382442
Xylenes (total)	1330-20-7	12.58	2.5	360	53.69	ug/Kg	79	0	204400000.0	ug/kg	.000002
PLUTONIUM-238	13981-16-3	0.00	0.003	0.003		pCi/g	1	0			

601

Table A.19 Solar Evaporation Ponds AOC - Summary Statistics for Non-Detected Analytes in Subsurface Soils Greater than 6 feet

ANALYTE NAME	CAS NO.	Mean	Min	Max	SD	UNITS	Total Samples	Detection Frequency (%)	PRG @10-6 or HQ=1	Unit	Max/PRG
1,1,1-TCA	71-55-6	22.49	2.5	370	79.05	ug/Kg	88	0	5298325.735	ug/kg	.00007
1,1,2,2-Tetrachloroethane	79-34-5	22.49	2.5	370	79.05	ug/Kg	88	0	7517.054714	ug/kg	.049221
1,1,2-TCA	79-00-5	22.49	2.5	370	79.05	ug/Kg	88	0	16202.5729	ug/kg	.022836
1,1-DCA	75-34-3	22.49	2.5	370	79.05	ug/Kg	88	0	1455931.358	ug/kg	.000254
1,1-DCE	75-35-4	22.49	2.5	370	79.05	ug/Kg	88	0	1126.981499	ug/kg	.328311
1,2,4-Trichlorobenzene	120-82-1	196.07	175	205	7.38	ug/Kg	14	0	864409.5168	ug/kg	.000237
1,2-DCA	107-06-2	22.49	2.5	370	79.05	ug/Kg	88	0	6946.817601	ug/kg	.053262
1,2-DCB	95-50-1	196.07	175	205	7.38	ug/Kg	14	0	2130957.741	ug/kg	.000096
1,2-DICHLOROETHENE	540-59-0	22.49	2.5	370	79.05	ug/Kg	88	0	919800	ug/kg	.000402
1,2-Dichloropropane	78-87-5	22.49	2.5	370	79.05	ug/Kg	88	0	20323.30144	ug/kg	.018206
1,3-DICHLOROBENZENE	541-73-1	196.07	175	205	7.38	ug/Kg	14	0			
1,4-DCB	106-46-7	196.07	175	205	7.38	ug/Kg	14	0	63143.48706	ug/kg	.003247
2,4,5-Trichlorophenol	95-95-4	971.43	850	1050	46.88	ug/Kg	14	0	10220000	ug/kg	.000103
2,4,6-Trichlorophenol	88-06-2	196.07	175	205	7.38	ug/Kg	14	0	345925.4524	ug/kg	.000593
2,4-Dichlorophenol	120-83-2	196.07	175	205	7.38	ug/Kg	14	0	306600	ug/kg	.000669
2,4-Dimethylphenol	105-67-9	196.07	175	205	7.38	ug/Kg	14	0	2044000	ug/kg	.0001
2,4-Dinitrophenol	51-28-5	971.43	850	1050	46.88	ug/Kg	14	0	204400	ug/kg	.005137
2,4-DNT	121-14-2	196.07	175	205	7.38	ug/Kg	14	0	5625.983014	ug/kg	.036438
2,6-DNT	606-20-2	196.07	175	205	7.38	ug/Kg	14	0	5625.983014	ug/kg	.036438
2-Butanone	78-93-3	5.96	5.5	6.5	0.31	ug/Kg	27	0	12999759.38	ug/kg	.000001
2-Chloronaphthalene	91-58-7	196.07	175	205	7.38	ug/Kg	14	0	8176000	ug/kg	.000025
2-Chlorophenol	95-57-8	196.07	175	205	7.38	ug/Kg	14	0	511000	ug/kg	.000401
2-Methylnaphthalene	91-57-6	195.77	175	205	7.60	ug/Kg	13	0	2044000	ug/kg	.0001
2-Methylphenol	95-48-7	196.07	175	205	7.38	ug/Kg	14	0	3686602.698	ug/kg	.000056
2-Nitroaniline	88-74-4	971.43	850	1050	46.88	ug/Kg	14	0	985280.6017	ug/kg	.001066
2-NITROPHENOL	88-75-5	196.07	175	205	7.38	ug/Kg	14	0			
3,3'-Dichlorobenzidine	91-94-1	393.21	350	415	14.89	ug/Kg	14	0	6133.385357	ug/kg	.067662
3-NITROANILINE	99-09-2	971.43	850	1050	46.88	ug/Kg	14	0			
4,4'-DDD	72-54-8	9.46	8.5	10	0.37	ug/Kg	14	0	14285.5858	ug/kg	.0007
4,4'-DDE	72-55-9	9.46	8.5	10	0.37	ug/Kg	14	0	10083.94292	ug/kg	.000992
4,4'-DDT	50-29-3	9.46	8.5	10	0.37	ug/Kg	14	0	10030.77808	ug/kg	.000997
4,6-Dinitro-2-methylphenol	534-52-1	971.43	850	1050	46.88	ug/Kg	14	0	102200	ug/kg	.010274
4-CHLORO-3-METHYLPHENOL	59-50-7	196.07	175	205	7.38	ug/Kg	14	0			
4-Chloroaniline	106-47-8	196.07	175	205	7.38	ug/Kg	14	0	294928.2159	ug/kg	.000695
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	196.07	175	205	7.38	ug/Kg	14	0			
4-METHYL-2-PENTANONE	108-10-1	6.49	3	30.5	3.95	ug/Kg	78	0	1048764.735	ug/kg	.000029
4-Methylphenol	106-44-5	196.07	175	205	7.38	ug/Kg	14	0	368660.2698	ug/kg	.000556
4-NITROANILINE	100-01-6	971.43	850	1050	46.88	ug/Kg	14	0			
4-Nitrophenol	100-02-7	971.43	850	1050	46.88	ug/Kg	14	0	817600	ug/kg	.001284
ACENAPHTHYLENE	208-96-8	196.07	175	205	7.38	ug/Kg	14	0			
Acenapthene	83-32-9	196.07	175	205	7.38	ug/Kg	14	0	4082746.866	ug/kg	.00005
Aldrin	309-00-2	4.74	4.25	4.95	0.17	ug/Kg	14	0	161.6635306	ug/kg	.030619
alpha-BHC	319-84-6	4.74	4.25	4.95	0.17	ug/Kg	14	0	523.3268079	ug/kg	.009459
alpha-Chlordane	5103-71-9	47.43	42.5	49.5	1.70	ug/Kg	14	0	9419.882543	ug/kg	.005255
Anthracene	120-12-7	196.07	175	205	7.38	ug/Kg	14	0	20413734.33	ug/kg	.00001
Aroclor-1016	12674-11-2	47.43	42.5	49.5	1.70	ug/Kg	14	0	4643.826191	ug/kg	.010659
Aroclor-1221	11104-28-2	47.43	42.5	49.5	1.70	ug/Kg	14	0	1236.909303	ug/kg	.040019
Aroclor-1232	11141-16-5	47.43	42.5	49.5	1.70	ug/Kg	14	0	1236.909303	ug/kg	.040019
Aroclor-1242	53469-21-9	47.43	42.5	49.5	1.70	ug/Kg	14	0	1236.909303	ug/kg	.040019
Aroclor-1248	12672-29-6	47.43	42.5	49.5	1.70	ug/Kg	14	0	1236.909303	ug/kg	.040019
Aroclor-1254	11097-69-1	94.64	85	100	3.65	ug/Kg	14	0	1236.909303	ug/kg	.080847
Aroclor-1260	11096-82-5	94.64	85	100	3.65	ug/Kg	14	0	1236.909303	ug/kg	.080847
Benzene	71-43-2	22.49	2.5	370	79.05	ug/Kg	88	0	13748.71341	ug/kg	.026912
Benzo(a)anthracene	56-55-3	196.07	175	205	7.38	ug/Kg	14	0	3489.271611	ug/kg	.058752
Benzo(a)pyrene	50-32-8	196.07	175	205	7.38	ug/Kg	14	0	348.8687389	ug/kg	.587614
Benzo(b)fluoranthene	205-99-2	196.07	175	205	7.38	ug/Kg	14	0	3489.271611	ug/kg	.058752
BENZO(ghi)PERYLENE	191-24-2	196.07	175	205	7.38	ug/Kg	14	0			
BENZO(k)FLUORANTHENE	207-08-9	196.07	175	205	7.38	ug/Kg	14	0	34892.71611	ug/kg	.005875
Benzoic acid	65-85-0	956.25	850	1000	49.55	ug/Kg	8	0	408800000	ug/kg	.000002
Benzyl alcohol	100-51-6	193.33	175	200	9.31	ug/Kg	6	0	30660000	ug/kg	.000007
beta-BHC	319-85-7	4.74	4.25	4.95	0.17	ug/Kg	14	0	1831.643828	ug/kg	.002702
beta-Chlordane	5103-74-2	47.43	42.5	49.5	1.70	ug/Kg	14	0	9419.882543	ug/kg	.005255
Bis(2-chlorethyl)ether	111-44-4	196.07	175	205	7.38	ug/Kg	14	0	3477.880408	ug/kg	.058944
BIS(2-CHLOROETHOXY)METHANE	111-91-1	196.07	175	205	7.38	ug/Kg	14	0			
BIS(2-CHLOROISOPROPYL)ETHER	108-60-1	196.07	175	205	7.38	ug/Kg	14	0			

602

Table A.19 Solar Evaporation Ponds AOC - Summary Statistics for Non-Detected Analytes In Subsurface Soils Greater than 6 feet

ANALYTE NAME	CAS NO	Mean	Min	Max	SD	UNITS	Total Samples	Detection Frequency (%)	PRG @10-6 HQ=1	Unit	MaxPRG
Bromodichloromethane	75-27-4	22.49	2.5	370	79.05	ug/Kg	88	0	61704.32983	ug/kg	.005996
Bromoform	75-25-2	22.72	2.5	370	79.48	ug/Kg	87	0	321384.3537	ug/kg	.001151
Bromomethane	74-83-9	47.20	5	750	163.17	ug/Kg	84	0	12009.14094	ug/kg	.062452
Butyl benzylphthalate	85-68-7	196.07	175	205	7.38	ug/Kg	14	0	14746410.79	ug/kg	.000014
CARBAZOLE	86-74-8	199.17	190	205	5.85	ug/Kg	6	0			
CARBON DISULFIDE	75-15-0	22.49	2.5	370	79.05	ug/Kg	88	0	943153.2538	ug/kg	.000392
Carbon tetrachloride	56-23-5	22.49	2.5	370	79.05	ug/Kg	88	0	5033.018241	ug/kg	.073515
Chlorobenzene	108-90-7	22.49	2.5	370	79.05	ug/Kg	88	0	408246.4463	ug/kg	.000906
Chloroethane	75-00-3	45.33	5	750	159.61	ug/Kg	88	0	1319196.017	ug/kg	.000569
Chloroform	67-66-3	22.49	2.5	370	79.05	ug/Kg	88	0	1130.428781	ug/kg	.327309
Chloromethane	74-87-3	45.78	5	750	160.48	ug/Kg	87	0	23016.34234	ug/kg	.032586
Chrysene	218-01-9	196.07	175	205	7.38	ug/Kg	14	0	348343.8177	ug/kg	.000588
Cis-1,3-Dichloropropene	10061-01-5	22.49	2.5	370	79.05	ug/Kg	88	0	20095.41645	ug/kg	.018412
delta-BHC	319-86-8	4.74	4.25	4.95	0.17	ug/Kg	14	0			
Di-n-octylphthalate	117-84-0	196.07	175	205	7.38	ug/Kg	14	0	1474641.079	ug/kg	.000139
Dibenz(a,h)anthracene	53-70-3	196.07	175	205	7.38	ug/Kg	14	0	348.3438177	ug/kg	.588499
Dibenzofuran	132-64-9	196.07	175	205	7.38	ug/Kg	14	0	294928.2159	ug/kg	.000695
Dibromochloromethane	124-48-1	22.49	2.5	370	79.05	ug/Kg	88	0	32857.42155	ug/kg	.011261
Dieldrin	60-57-1	9.46	8.5	10	0.37	ug/Kg	14	0	171.7675013	ug/kg	.058218
Diethyl phthalate	84-66-2	196.07	175	205	7.38	ug/Kg	14	0	58985643.17	ug/kg	.000003
Dimethly phthalate	131-11-3	196.07	175	205	7.38	ug/Kg	14	0	737320539.6	ug/kg	
ENDOSULFAN I	959-98-8	4.74	4.25	4.95	0.17	ug/Kg	14	0	442392.3238	ug/kg	.000011
ENDOSULFAN II	33213-65-9	9.46	8.5	10	0.37	ug/Kg	14	0	442392.3238	ug/kg	.000023
ENDOSULFAN SULFATE	1031-07-8	9.46	8.5	10	0.37	ug/Kg	14	0	442392.3238	ug/kg	.000023
ENDRIN	72-20-8	9.46	8.5	10	0.37	ug/Kg	14	0	22119.61619	ug/kg	.000452
ENDRIN KETONE	53494-70-5	9.46	8.5	10	0.37	ug/Kg	14	0			
Ethylbenzene	100-41-4	22.49	2.5	370	79.05	ug/Kg	88	0	249767.9483	ug/kg	.001481
Fluoranthene	206-44-0	196.07	175	205	7.38	ug/Kg	14	0	2721831.244	ug/kg	.000075
Fluorene	86-73-7	196.07	175	205	7.38	ug/Kg	14	0	4082746.866	ug/kg	.00005
gamma-BHC [Lindane]	58-89-9	4.74	4.25	4.95	0.17	ug/Kg	14	0	2549.133679	ug/kg	.001942
Heptachlor	76-44-8	4.74	4.25	4.95	0.17	ug/Kg	14	0	610.7288934	ug/kg	.008105
Heptachlor epoxide	1024-57-3	4.74	4.25	4.95	0.17	ug/Kg	14	0	302.0087934	ug/kg	.01639
Hexachlorobenzene	118-74-1	196.07	175	205	7.38	ug/Kg	14	0	1717.675013	ug/kg	.119347
Hexachlorobutadiene	87-68-3	196.07	175	205	7.38	ug/Kg	14	0	14746.41079	ug/kg	.013902
Hexachlorocyclopentadiene	77-47-4	196.07	175	205	7.38	ug/Kg	14	0	305142.542	ug/kg	.000672
Hexachloroethane	67-72-1	196.07	175	205	7.38	ug/Kg	14	0	73732.05396	ug/kg	.00278
Indeno(1,2,3-cd)pyrene	193-39-5	196.07	175	205	7.38	ug/Kg	14	0	3489.271611	ug/kg	.058752
Isophorone	78-59-1	196.07	175	205	7.38	ug/Kg	14	0	2905287.8	ug/kg	.000071
Methoxychlor	72-43-5	47.43	42.5	49.5	1.70	ug/Kg	14	0	511000	ug/kg	.000097
n-Nitrosodi-n-propylamine	621-64-7	196.07	175	205	7.38	ug/Kg	14	0	546.5240642	ug/kg	.375098
n-Nitrosodiphenylamine	86-30-6	196.07	175	205	7.38	ug/Kg	14	0	780748.6631	ug/kg	.000263
Naphthalene	91-20-3	196.07	175	205	7.38	ug/Kg	14	0	199085.4566	ug/kg	.00103
Nitrobenzene	98-95-3	196.07	175	205	7.38	ug/Kg	14	0	26629.80934	ug/kg	.007698
p-BROMODIPHENYL ETHER	101-55-3	196.07	175	205	7.38	ug/Kg	14	0			
Pentachlorophenol	87-86-5	971.43	850	1050	46.88	ug/Kg	14	0	16222.14497	ug/kg	.064726
PHENANTHRENE	85-01-8	196.07	175	205	7.38	ug/Kg	14	0			
Phenol	108-95-2	196.07	175	205	7.38	ug/Kg	14	0	61320000	ug/kg	.000003
Pyrene	129-00-0	196.07	175	205	7.38	ug/Kg	14	0	2211961.619	ug/kg	.000093
Styrene	100-42-5	22.49	2.5	370	79.05	ug/Kg	88	0	9624882.831	ug/kg	.000038
TCE	79-01-6	22.49	2.5	370	79.05	ug/Kg	88	0	1258.740281	ug/kg	.293945
Toxaphene	8001-35-2	94.64	85	100	3.65	ug/Kg	14	0	2498.436382	ug/kg	.040025
Trans-1,3-Dichloropropene	10061-02-6	22.49	2.5	370	79.05	ug/Kg	88	0	20095.41645	ug/kg	.018412
TRIBUTYL PHOSPHATE	126-73-8	199.17	190	205	5.85	ug/Kg	6	0			
Vinyl acetate	108-05-4	47.20	5	750	163.17	ug/Kg	84	0	92601905.06	ug/kg	.000008
Vinyl chloride	75-01-4	45.33	5	750	159.61	ug/Kg	88	0	1830.340783	ug/kg	.40976
Xylenes (total)	1330-20-7	22.49	2.5	370	79.05	ug/Kg	88	0	204400000	ug/kg	.000002
PLUTONIUM-238	13981-16-3	0.00	0.004	0.004		pCi/g	1	0			
STRONTIUM-90	10098-97-2	-0.26	-0.7	0.4	0.29	pCi/g	16	0			

603

Table A.20 Solar Evaporation Ponds AOC - Summary Statistics for Non-Detected Analytes in Samples with Null Sample Depths

ANALYTE NAME	CASNO	Mean	Min	Max	SD	Units	Total Samples	Detection Frequency (%)	PRG @ 10-6 or HQ=.01	Unit	Max/PRG
1,1,1-TCA	71-55-6	7.25	3	16	6.13	ug/Kg	4	0	5298325.73	ug/kg	.000003
1,1,2,2-Tetrachloroethane	79-34-5	7.25	3	16	6.13	ug/Kg	4	0	7517.05471	ug/kg	.0021285
1,1,2-TCA	79-00-5	7.25	3	16	6.13	ug/Kg	4	0	16202.5729	ug/kg	.0009875
1,1-DCA	75-34-3	7.25	3	16	6.13	ug/Kg	4	0	1455931.36	ug/kg	.000011
1,1-DCE	75-35-4	7.25	3	16	6.13	ug/Kg	4	0	1126.9815	ug/kg	.0141972
1,2-DCA	107-06-2	7.25	3	16	6.13	ug/Kg	4	0	6946.8176	ug/kg	.0023032
1,2-DICHLOROETHENE	540-59-0	7.25	3	16	6.13	ug/Kg	4	0	919800	ug/kg	.0000174
1,2-Dichloropropane	78-87-5	7.25	3	16	6.13	ug/Kg	4	0	20323.3014	ug/kg	.0007873
2-Butanone	78-93-3	9.75	5.5	14	6.01	ug/Kg	2	0	12999759.4	ug/kg	.0000011
2-HEXANONE	591-78-6	14.50	5.5	33	12.62	ug/Kg	4	0			
4-METHYL-2-PENTANONE	108-10-1	14.50	5.5	33	12.62	ug/Kg	4	0	1048764.73	ug/kg	.000031
Benzene	71-43-2	7.25	3	16	6.13	ug/Kg	4	0	13748.7134	ug/kg	.0011637
Bromodichloromethane	75-27-4	7.25	3	16	6.13	ug/Kg	4	0	61704.3298	ug/kg	.0002593
Bromoform	75-25-2	7.25	3	16	6.13	ug/Kg	4	0	321384.354	ug/kg	.0000498
Bromomethane	74-83-9	14.50	5.5	33	12.62	ug/Kg	4	0	12009.1409	ug/kg	.0027063
CARBON DISULFIDE	75-15-0	7.25	3	16	6.13	ug/Kg	4	0	943153.254	ug/kg	.000017
Carbon tetrachloride	56-23-5	7.25	3	16	6.13	ug/Kg	4	0	5033.01824	ug/kg	.003179
Chlorobenzene	108-90-7	7.25	3	16	6.13	ug/Kg	4	0	408246.446	ug/kg	.0000392
Chloroethane	75-00-3	14.50	5.5	33	12.62	ug/Kg	4	0	1319196.02	ug/kg	.0000246
Chloroform	67-66-3	7.25	3	16	6.13	ug/Kg	4	0	1130.42878	ug/kg	.0141539
Chloromethane	74-87-3	14.50	5.5	33	12.62	ug/Kg	4	0	23016.3423	ug/kg	.001412
Cis-1,3-Dichloropropene	10061-01-5	7.25	3	16	6.13	ug/Kg	4	0	20095.4164	ug/kg	.0007962
Dibromochloromethane	124-48-1	7.25	3	16	6.13	ug/Kg	4	0	32857.4216	ug/kg	.000487
Ethylbenzene	100-41-4	7.25	3	16	6.13	ug/Kg	4	0	249767.948	ug/kg	.0000641
Styrene	100-42-5	7.25	3	16	6.13	ug/Kg	4	0	9624882.83	ug/kg	.0000017
TCE	79-01-6	7.25	3	16	6.13	ug/Kg	4	0	1258.74028	ug/kg	.0127111
Tetrachloroethene	127-18-4	7.25	3	16	6.13	ug/Kg	4	0	55126.377	ug/kg	.0002902
Trans-1,3-Dichloropropene	10061-02-6	7.25	3	16	6.13	ug/Kg	4	0	20095.4164	ug/kg	.0007962
nyl acetate	108-05-4	14.50	5.5	33	12.62	ug/Kg	4	0	92601905.1	ug/kg	.0000004
nyl chloride	75-01-4	14.50	5.5	33	12.62	ug/Kg	4	0	1830.34078	ug/kg	.0177563
Xylenes (total)	1330-20-7	7.25	3	16	6.13	ug/Kg	4	0	204400000	ug/kg	.0000001

Table A.21 Solar Evaporation Ponds AOC - Analytical Results for Surface Soil Samples with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	RESULT	DETECTION LIMIT	UNIT	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SED09395	SDG0283JE	0	2	IN	SULFUR, MOL. (S8)	10544-50-0	104		ug/kg	JN	Y
SED09395	SDG0279JE	0	2	IN	SULFUR, MOL. (S8)	10544-50-0	320		ug/kg	JN	Y
P209589	SEP2389BR0002	0	2	FT	1,1,1-TCA	71-55-6	40	40	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	1,1,1-TCA	71-55-6	5	5	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	1,1,1-TCA	71-55-6	5	5	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	V
P207589	SEP0389BR0002	0	2	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	40	40	ug/g	U	A
P209089	SEP1889BR0002D	0	2	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	V
P209589	SEP2389BR0002	0	2	FT	1,1,2-TCA	79-00-5	40	40	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	1,1,2-TCA	79-00-5	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	1,1,2-TCA	79-00-5	5	5	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	V
P209589	SEP2389BR0002	0	2	FT	1,1-DCA	75-34-3	40	40	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	1,1-DCA	75-34-3	6	6	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	1,1-DCA	75-34-3	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	1,1-DCA	75-34-3	5	5	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,1-DCA	75-34-3	6	6	ug/g	U	V
P209589	SEP2389BR0002	0	2	FT	1,1-DCE	75-35-4	40	40	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	1,1-DCE	75-35-4	6	6	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	1,1-DCE	75-35-4	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	1,1-DCE	75-35-4	5	5	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,1-DCE	75-35-4	6	6	ug/g	U	V
P209589	SEP2389BR0002	0	2	FT	1,2-DCA	107-06-2	40	40	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	1,2-DCA	107-06-2	6	6	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	1,2-DCA	107-06-2	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	1,2-DCA	107-06-2	5	5	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,2-DCA	107-06-2	6	6	ug/g	U	V
P209589	SEP2389BR0002	0	2	FT	1,2-DICHLOROETHENE	540-59-0	40	40	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	V
P209589	SEP2389BR0002	0	2	FT	1,2-DICHLOROPROPANE	78-87-5	40	40	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	V
P209589	SEP2389BR0002	0	2	FT	2-BUTANONE	78-93-3	80	80	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	2-BUTANONE	78-93-3	11	11	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	2-BUTANONE	78-93-3	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	2-BUTANONE	78-93-3	13	13	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	2-BUTANONE	78-93-3	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	2-HEXANONE	591-78-6	80	80	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	2-HEXANONE	591-78-6	11	11	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	2-HEXANONE	591-78-6	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	2-HEXANONE	591-78-6	13	13	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	2-HEXANONE	591-78-6	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	4-METHYL-2-PENTANONE	108-10-1	80	80	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	4-METHYL-2-PENTANONE	108-10-1	13	13	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	ACETONE	67-64-1	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	ACETONE	67-64-1	18	80	ug/g	J	A
P209089	SEP1889BR0002	0	2	FT	ACETONE	67-64-1	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	ACETONE	67-64-1	11	13	ug/g	J	A
P209089	SEP1889BR0002D	0	2	FT	ACETONE	67-64-1	11	11	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	BENZENE	71-43-2	6	6	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	BENZENE	71-43-2	40	40	ug/g	U	A
P209089	SEP1889BR0002	0	2	FT	BENZENE	71-43-2	5	5	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	BENZENE	71-43-2	6	6	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	BENZENE	71-43-2	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	BROMODICHLOROMETHANE	75-27-4	40	40	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	BROMOFORM	75-25-2	40	40	ug/g	U	A

605

Table A.21 Solar Evaporation Ponds AOC - Analytical Results for Surface Soil Samples with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	RESULT	DETECTION LIMIT	UNIT	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P207589	SEP0389BR0002	0	2	FT	BROMOFORM	75-25-2	6	6	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	BROMOFORM	75-25-2	5	5	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	BROMOFORM	75-25-2	6	6	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	BROMOFORM	75-25-2	5	5	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	BROMOMETHANE	74-83-9	11	11	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	BROMOMETHANE	74-83-9	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	BROMOMETHANE	74-83-9	13	13	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	BROMOMETHANE	74-83-9	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	BROMOMETHANE	74-83-9	80	80	ug/g	U	A
P209589	SEP2389BR0002	0	2	FT	CARBON DISULFIDE	75-15-0	40	40	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	CARBON DISULFIDE	75-15-0	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	CARBON DISULFIDE	75-15-0	5	5	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	CARBON TETRACHLORIDE	56-23-5	40	40	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	V
P209589	SEP2389BR0002	0	2	FT	CHLOROBENZENE	108-90-7	40	40	ug/g	U	A
P209089	SEP1889BR0002	0	2	FT	CHLOROBENZENE	108-90-7	5	5	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	CHLOROBENZENE	108-90-7	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	CHLOROETHANE	75-00-3	80	80	ug/g	U	A
P209089	SEP1889BR0002	0	2	FT	CHLOROETHANE	75-00-3	11	11	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	CHLOROETHANE	75-00-3	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	CHLOROETHANE	75-00-3	13	13	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	CHLOROETHANE	75-00-3	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	CHLOROFORM	67-66-3	40	40	ug/g	U	A
P209089	SEP1889BR0002	0	2	FT	CHLOROFORM	67-66-3	5	5	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	CHLOROFORM	67-66-3	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	CHLOROMETHANE	74-87-3	80	80	ug/g	U	A
P209089	SEP1889BR0002	0	2	FT	CHLOROMETHANE	74-87-3	11	11	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	CHLOROMETHANE	74-87-3	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	CHLOROMETHANE	74-87-3	13	13	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	CHLOROMETHANE	74-87-3	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	40	40	ug/g	U	A
P209089	SEP1889BR0002	0	2	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	DIBROMOCHLOROMETHANE	124-48-1	40	40	ug/g	U	A
P209089	SEP1889BR0002	0	2	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	ETHYLBENZENE	100-41-4	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	ETHYLBENZENE	100-41-4	42	40	ug/g		A
P209089	SEP1889BR0002	0	2	FT	ETHYLBENZENE	100-41-4	5	5	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	METHYLENE CHLORIDE	75-09-2	4	5	ug/g	J	
P209589	SEP2389BR0002	0	2	FT	METHYLENE CHLORIDE	75-09-2	17	40	ug/g	J	A
P209089	SEP1889BR0002	0	2	FT	METHYLENE CHLORIDE	75-09-2	9	5	ug/g		
P207589	SEP0389BR0002	0	2	FT	METHYLENE CHLORIDE	75-09-2	4	6	ug/g	J	
P208889	SEP1689BR0002	0	1	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	STYRENE	100-42-5	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	STYRENE	100-42-5	40	40	ug/g	U	A
P209089	SEP1889BR0002	0	2	FT	STYRENE	100-42-5	5	5	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	STYRENE	100-42-5	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	STYRENE	100-42-5	6	6	ug/g	U	V
P209589	SEP2389BR0002	0	2	FT	TCE	79-01-6	40	40	ug/g	U	A
P209089	SEP1889BR0002D	0	2	FT	TCE	79-01-6	5	5	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	TCE	79-01-6	5	5	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	TCE	79-01-6	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	TCE	79-01-6	6	6	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	TETRACHLOROETHENE	127-18-4	40	40	ug/g	U	A
P209089	SEP1889BR0002	0	2	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	

606

Table A.21 Solar Evaporation Ponds AOC - Analytical Results for Surface Soil Samples with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	RESULT	DETECTION LIMIT	UNIT	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P208889	SEP1689BR0002	0	1	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	TOLUENE	108-88-3	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	TOLUENE	108-88-3	40	40	ug/g	U	A
P209089	SEP1889BR0002	0	2	FT	TOLUENE	108-88-3	5	5	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	TOLUENE	108-88-3	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	TOLUENE	108-88-3	6	6	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	40	40	ug/g	U	A
P209089	SEP1889BR0002	0	2	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	VINYL ACETATE	108-05-4	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	VINYL ACETATE	108-05-4	80	80	ug/g	U	A
P209089	SEP1889BR0002	0	2	FT	VINYL ACETATE	108-05-4	11	11	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	VINYL ACETATE	108-05-4	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	VINYL ACETATE	108-05-4	13	13	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	VINYL CHLORIDE	75-01-4	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	VINYL CHLORIDE	75-01-4	80	80	ug/g	U	A
P209089	SEP1889BR0002	0	2	FT	VINYL CHLORIDE	75-01-4	11	11	ug/g	U	
P207589	SEP0389BR0002	0	2	FT	VINYL CHLORIDE	75-01-4	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	VINYL CHLORIDE	75-01-4	13	13	ug/g	U	V
P209089	SEP1889BR0002D	0	2	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	XYLENES (TOTAL)	1330-20-7	18	40	ug/g	J	A
P207589	SEP0389BR0002	0	2	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	
P209089	SEP1889BR0002	0	2	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	V

607

Table A.22 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soil Samples Less than 6 Feet with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
SP0387	SP038702DH	2	4	FT	ALUMINUM	7429-90-5		6950	ug/Kg		N
SP0387	SP038702DH	2	4	FT	ANTIMONY	7440-36-0		12	ug/Kg	U	N
SP0387	SP038702DH	2	4	FT	ARSENIC	7440-38-2		6.4	ug/Kg		N
SP0387	SP038702DH	2	4	FT	BARIUM	7440-39-3		124	ug/Kg		N
SP0387	SP038702DH	2	4	FT	BERYLLIUM	7440-41-7		1	ug/Kg	U	N
SP0387	SP038702DH	2	4	FT	CADMIUM	7440-43-9		1.7	ug/Kg		N
SP0387	SP038702DH	2	4	FT	CALCIUM	7440-70-2		2160	ug/Kg		N
SP0387	SP038702DH	2	4	FT	CHROMIUM	7440-47-3		9	ug/Kg		N
SP0387	SP038702DH	2	4	FT	COBALT	7440-48-4		10	ug/Kg	U	N
SP0387	SP038702DH	2	4	FT	COPPER	7440-50-8		10.5	ug/Kg		N
SP0387	SP038702DH	2	4	FT	IRON	7439-89-6		12700	ug/Kg		N
SP0387	SP038702DH	2	4	FT	LEAD	7439-92-1		6.4	ug/Kg		N
SP0387	SP038702DH	2	4	FT	MAGNESIUM	7439-95-4		1850	ug/Kg		N
SP0387	SP038702DH	2	4	FT	MANGANESE	7439-96-5		558	ug/Kg		N
SP0387	SP038702DH	2	4	FT	MERCURY	7439-97-6		0.1	ug/Kg		N
SP0387	SP038702DH	2	4	FT	NICKEL	7440-02-0		9.2	ug/Kg		N
SP0387	SP038702DH	2	4	FT	POTASSIUM	9/7/40		1530	ug/Kg		N
SP0387	SP038702DH	2	4	FT	SELENIUM	7782-49-2		1	ug/Kg	U	N
SP0387	SP038702DH	2	4	FT	SILVER	7440-22-4		2	ug/Kg	U	N
SP0387	SP038702DH	2	4	FT	SODIUM	7440-23-5		1000	ug/Kg	U	N
SP0387	SP038702DH	2	4	FT	STRONTIUM	7440-24-6		20	ug/Kg	U	N
SED09395	SDG0279JE	0	2	IN	SULFUR, MOL. (S8)	10544-50-0		320	ug/Kg	JN	Y
SED09395	SDG0283JE	0	2	IN	SULFUR, MOL. (S8)	10544-50-0		104	ug/Kg	JN	Y
SP0387	SP038702DH	2	4	FT	THALLIUM	7440-28-0		2	ug/Kg	U	N
SP0387	SP038702DH	2	4	FT	VANADIUM	7440-62-2		18.3	ug/Kg		N
SP0387	SP038702DH	2	4	FT	ZINC	7440-66-6		33.6	ug/Kg		N
P207589	SEP0389BR0002	0	2	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	1,1,1-TCA	71-55-6	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	1,1,1-TCA	71-55-6	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	1,1,1-TCA	71-55-6	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	1,1,2-TCA	79-00-5	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	1,1,2-TCA	79-00-5	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	1,1,2-TCA	79-00-5	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	1,1-DCA	75-34-3	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,1-DCA	75-34-3	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	1,1-DCA	75-34-3	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	1,1-DCA	75-34-3	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	1,1-DCA	75-34-3	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	1,1-DCA	75-34-3	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	1,1-DCA	75-34-3	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	1,1-DCA	75-34-3	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	1,1-DCA	75-34-3	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	1,1-DCE	75-35-4	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,1-DCE	75-35-4	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	1,1-DCE	75-35-4	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	1,1-DCE	75-35-4	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	1,1-DCE	75-35-4	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	1,1-DCE	75-35-4	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	1,1-DCE	75-35-4	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	1,1-DCE	75-35-4	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	1,1-DCE	75-35-4	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	1,2-DCA	107-06-2	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,2-DCA	107-06-2	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	1,2-DCA	107-06-2	5	5	ug/g	U	

608

Table A.22 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soil Samples Less than 6 Feet with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209089	SEP1889BR0002D	0	2	FT	1,2-DCA	107-06-2	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	1,2-DCA	107-06-2	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	1,2-DCA	107-06-2	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	1,2-DCA	107-06-2	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	1,2-DCA	107-06-2	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	1,2-DCA	107-06-2	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	1,2-DICHLOROETHENE	540-59-0	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	1,2-DICHLOROPROPANE	78-87-5	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	2-BUTANONE	78-93-3	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	2-BUTANONE	78-93-3	13	13	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	2-BUTANONE	78-93-3	11	11	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	2-BUTANONE	78-93-3	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	2-BUTANONE	78-93-3	80	80	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	2-BUTANONE	78-93-3	12	12	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	2-BUTANONE	78-93-3	12	12	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	2-BUTANONE	78-93-3	11	11	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	2-BUTANONE	78-93-3	12	12	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	2-HEXANONE	591-78-6	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	2-HEXANONE	591-78-6	13	13	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	2-HEXANONE	591-78-6	11	11	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	2-HEXANONE	591-78-6	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	2-HEXANONE	591-78-6	80	80	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	2-HEXANONE	591-78-6	12	12	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	2-HEXANONE	591-78-6	12	12	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	2-HEXANONE	591-78-6	11	11	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	2-HEXANONE	591-78-6	12	12	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	4-METHYL-2-PENTANONE	108-10-1	13	13	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	4-METHYL-2-PENTANONE	108-10-1	80	80	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	4-METHYL-2-PENTANONE	108-10-1	12	2	ug/g	JB	
P208889	SEP1689BR0406	4	6	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	ACETONE	67-64-1	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	ACETONE	67-64-1	13	11	ug/g	J	A
P209089	SEP1889BR0002	0	2	FT	ACETONE	67-64-1	11	11	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	ACETONE	67-64-1	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	ACETONE	67-64-1	80	18	ug/g	J	A
P207589	SEP0389BR0406	4	5	FT	ACETONE	67-64-1	12	12	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	ACETONE	67-64-1	12	12	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	ACETONE	67-64-1	11	11	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	ACETONE	67-64-1	12	13	ug/g		A
P207589	SEP0389BR0002	0	2	FT	BENZENE	71-43-2	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	BENZENE	71-43-2	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	BENZENE	71-43-2	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	BENZENE	71-43-2	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	BENZENE	71-43-2	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	BENZENE	71-43-2	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	BENZENE	71-43-2	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	BENZENE	71-43-2	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	BENZENE	71-43-2	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	BROMODICHLOROMETHANE	75-27-4	40	40	ug/g	U	A

609

Table A.22 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soil Samples Less than 6 Feet with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P207589	SEP0389BR0406	4	5	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	BROMOFORM	75-25-2	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	BROMOFORM	75-25-2	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	BROMOFORM	75-25-2	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	BROMOFORM	75-25-2	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	BROMOFORM	75-25-2	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	BROMOFORM	75-25-2	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	BROMOFORM	75-25-2	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	BROMOFORM	75-25-2	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	BROMOFORM	75-25-2	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	BROMOMETHANE	74-83-9	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	BROMOMETHANE	74-83-9	13	13	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	BROMOMETHANE	74-83-9	11	11	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	BROMOMETHANE	74-83-9	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	BROMOMETHANE	74-83-9	80	80	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	BROMOMETHANE	74-83-9	12	12	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	BROMOMETHANE	74-83-9	12	12	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	BROMOMETHANE	74-83-9	11	11	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	BROMOMETHANE	74-83-9	12	12	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	CARBON DISULFIDE	75-15-0	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	CARBON DISULFIDE	75-15-0	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	CARBON DISULFIDE	75-15-0	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	CARBON TETRACHLORIDE	56-23-5	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	CHLOROBENZENE	108-90-7	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	CHLOROBENZENE	108-90-7	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	CHLOROBENZENE	108-90-7	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	CHLOROETHANE	75-00-3	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	CHLOROETHANE	75-00-3	13	13	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	CHLOROETHANE	75-00-3	11	11	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	CHLOROETHANE	75-00-3	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	CHLOROETHANE	75-00-3	80	80	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	CHLOROETHANE	75-00-3	12	12	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	CHLOROETHANE	75-00-3	12	12	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	CHLOROETHANE	75-00-3	11	11	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	CHLOROETHANE	75-00-3	12	12	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	CHLOROFORM	67-66-3	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	CHLOROFORM	67-66-3	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	CHLOROFORM	67-66-3	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	CHLOROMETHANE	74-87-3	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	CHLOROMETHANE	74-87-3	13	13	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	CHLOROMETHANE	74-87-3	11	11	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	CHLOROMETHANE	74-87-3	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	CHLOROMETHANE	74-87-3	80	80	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	CHLOROMETHANE	74-87-3	12	12	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	CHLOROMETHANE	74-87-3	12	12	ug/g	U	V

610

Table A.22 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soil Samples Less than 6 Feet with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	DEPTH UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209089	SEP1889BR0406	4	5	FT	CHLOROMETHANE	74-87-3	11	11	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	CHLOROMETHANE	74-87-3	12	12	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	DIBROMOCHLOROMETHANE	124-48-1	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	ETHYLBENZENE	100-41-4	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	ETHYLBENZENE	100-41-4	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	ETHYLBENZENE	100-41-4	40	42	ug/g		A
P207589	SEP0389BR0406	4	5	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	METHYLENE CHLORIDE	75-09-2	6	4	ug/g	J	
P208889	SEP1689BR0002	0	1	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	METHYLENE CHLORIDE	75-09-2	5	9	ug/g		
P209089	SEP1889BR0002D	0	2	FT	METHYLENE CHLORIDE	75-09-2	5	4	ug/g	J	
P209589	SEP2389BR0002	0	2	FT	METHYLENE CHLORIDE	75-09-2	40	17	ug/g	J	A
P207589	SEP0389BR0406	4	5	FT	METHYLENE CHLORIDE	75-09-2	6	7	ug/g	B	
P208889	SEP1689BR0406	4	6	FT	METHYLENE CHLORIDE	75-09-2	6	1	ug/g	J	A
P209089	SEP1889BR0406	4	5	FT	METHYLENE CHLORIDE	75-09-2	6	2	ug/g	J	
P209589	SEP2389BR0406	4	6	FT	METHYLENE CHLORIDE	75-09-2	6	13	ug/g	B	A
P207589	SEP0389BR0002	0	2	FT	STYRENE	100-42-5	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	STYRENE	100-42-5	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	STYRENE	100-42-5	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	STYRENE	100-42-5	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	STYRENE	100-42-5	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	STYRENE	100-42-5	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	STYRENE	100-42-5	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	STYRENE	100-42-5	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	STYRENE	100-42-5	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	TCE	79-01-6	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	TCE	79-01-6	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	TCE	79-01-6	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	TCE	79-01-6	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	TCE	79-01-6	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	TCE	79-01-6	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	TCE	79-01-6	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	TCE	79-01-6	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	TCE	79-01-6	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	TETRACHLOROETHENE	127-18-4	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	TOLUENE	108-88-3	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	TOLUENE	108-88-3	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	TOLUENE	108-88-3	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	TOLUENE	108-88-3	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	TOLUENE	108-88-3	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	TOLUENE	108-88-3	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	TOLUENE	108-88-3	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	TOLUENE	108-88-3	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	TOLUENE	108-88-3	6	6	ug/g	U	A

61

Table A.22 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soil Samples Less than 6 Feet with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CASNO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P207589	SEP0389BR0002	0	2	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	40	40	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	VINYL ACETATE	108-05-4	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	VINYL ACETATE	108-05-4	13	13	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	VINYL ACETATE	108-05-4	11	11	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	VINYL ACETATE	108-05-4	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	VINYL ACETATE	108-05-4	80	80	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	VINYL ACETATE	108-05-4	12	12	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	VINYL ACETATE	108-05-4	12	12	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	VINYL ACETATE	108-05-4	11	11	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	VINYL ACETATE	108-05-4	12	12	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	VINYL CHLORIDE	75-01-4	11	11	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	VINYL CHLORIDE	75-01-4	13	13	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	VINYL CHLORIDE	75-01-4	11	11	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	VINYL CHLORIDE	75-01-4	11	11	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	VINYL CHLORIDE	75-01-4	80	80	ug/g	U	A
P207589	SEP0389BR0406	4	5	FT	VINYL CHLORIDE	75-01-4	12	12	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	VINYL CHLORIDE	75-01-4	12	12	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	VINYL CHLORIDE	75-01-4	11	11	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	VINYL CHLORIDE	75-01-4	12	12	ug/g	U	A
P207589	SEP0389BR0002	0	2	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	
P208889	SEP1689BR0002	0	1	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	V
P209089	SEP1889BR0002	0	2	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/g	U	
P209089	SEP1889BR0002D	0	2	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/g	U	
P209589	SEP2389BR0002	0	2	FT	XYLENES (TOTAL)	1330-20-7	40	18	ug/g	J	A
P207589	SEP0389BR0406	4	5	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	
P208889	SEP1689BR0406	4	6	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	V
P209089	SEP1889BR0406	4	5	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	
P209589	SEP2389BR0406	4	6	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	A

612

Table A.23 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soil Samples Greater than 6 Feet with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
2786	C278609860	6	9	FT	ALUMINUM	7429-90-5		5200	ug/Kg		N
2586	C258608861	12	14	FT	ALUMINUM	7429-90-5		16200	ug/Kg		N
2786	C278609861	12	14	FT	ALUMINUM	7429-90-5		14400	ug/Kg		N
2586	C258608862	20	22	FT	ALUMINUM	7429-90-5		10300	ug/Kg		N
2786	C278609862	20	22	FT	ALUMINUM	7429-90-5		11500	ug/Kg		N
2786	C278609860	6	9	FT	ANTIMONY	7440-36-0		1.1	ug/Kg	U	N
2586	C258608861	12	14	FT	ANTIMONY	7440-36-0		1.2	ug/Kg	U	N
2786	C278609861	12	14	FT	ANTIMONY	7440-36-0		1.3	ug/Kg	U	N
2586	C258608862	20	22	FT	ANTIMONY	7440-36-0		1.2	ug/Kg	U	N
2786	C278609862	20	22	FT	ANTIMONY	7440-36-0		1.2	ug/Kg	U	N
2786	C278609860	6	9	FT	ARSENIC	7440-38-2		0.77	ug/Kg		N
2586	C258608861	12	14	FT	ARSENIC	7440-38-2		1	ug/Kg		N
2786	C278609861	12	14	FT	ARSENIC	7440-38-2		0.91	ug/Kg		N
2586	C258608862	20	22	FT	ARSENIC	7440-38-2		0.05	ug/Kg	U	N
2786	C278609862	20	22	FT	ARSENIC	7440-38-2		0.95	ug/Kg		N
2786	C278609860	6	9	FT	BARIUM	7440-39-3		27	ug/Kg		N
2586	C258608861	12	14	FT	BARIUM	7440-39-3		550	ug/Kg		N
2786	C278609861	12	14	FT	BARIUM	7440-39-3		110	ug/Kg		N
2586	C258608862	20	22	FT	BARIUM	7440-39-3		29	ug/Kg		N
2786	C278609862	20	22	FT	BARIUM	7440-39-3		38	ug/Kg		N
2786	C278609860	6	9	FT	BERYLLIUM	7440-41-7		1.1	ug/Kg	U	N
2586	C258608861	12	14	FT	BERYLLIUM	7440-41-7		1.2	ug/Kg	U	N
2786	C278609861	12	14	FT	BERYLLIUM	7440-41-7		1.3	ug/Kg	U	N
2586	C258608862	20	22	FT	BERYLLIUM	7440-41-7		1.2	ug/Kg	U	N
2786	C278609862	20	22	FT	BERYLLIUM	7440-41-7		1.2	ug/Kg	U	N
2786	C278609860	6	9	FT	CADMIUM	7440-43-9		1.1	ug/Kg	U	N
2586	C258608861	12	14	FT	CADMIUM	7440-43-9		1.2	ug/Kg	U	N
2786	C278609861	12	14	FT	CADMIUM	7440-43-9		1.3	ug/Kg	U	N
2586	C258608862	20	22	FT	CADMIUM	7440-43-9		1.2	ug/Kg	U	N
2786	C278609862	20	22	FT	CADMIUM	7440-43-9		1.2	ug/Kg	U	N
2786	C278609860	6	9	FT	CALCIUM	7440-70-2		3660	ug/Kg		N
2586	C258608861	12	14	FT	CALCIUM	7440-70-2		3690	ug/Kg		N
2786	C278609861	12	14	FT	CALCIUM	7440-70-2		5750	ug/Kg		N
2586	C258608862	20	22	FT	CALCIUM	7440-70-2		3400	ug/Kg		N
2786	C278609862	20	22	FT	CALCIUM	7440-70-2		5280	ug/Kg		N
2786	C278609860	6	9	FT	CESIUM	7440-46-2		22	ug/Kg	U	N
2586	C258608861	12	14	FT	CESIUM	7440-46-2		24	ug/Kg	U	N
2786	C278609861	12	14	FT	CESIUM	7440-46-2		25	ug/Kg	U	N
2586	C258608862	20	22	FT	CESIUM	7440-46-2		24	ug/Kg	U	N
2786	C278609862	20	22	FT	CESIUM	7440-46-2		24	ug/Kg	U	N
2786	C278609860	6	9	FT	CHROMIUM	7440-47-3		21	ug/Kg		N
2586	C258608861	12	14	FT	CHROMIUM	7440-47-3		16	ug/Kg		N
2786	C278609861	12	14	FT	CHROMIUM	7440-47-3		11	ug/Kg		N
2586	C258608862	20	22	FT	CHROMIUM	7440-47-3		7.5	ug/Kg		N
2786	C278609862	20	22	FT	CHROMIUM	7440-47-3		11	ug/Kg		N
2786	C278609860	6	9	FT	COBALT	7440-48-4		11	ug/Kg	U	N
2586	C258608861	12	14	FT	COBALT	7440-48-4		12	ug/Kg	U	N
2786	C278609861	12	14	FT	COBALT	7440-48-4		13	ug/Kg	U	N
2586	C258608862	20	22	FT	COBALT	7440-48-4		12	ug/Kg	U	N
2786	C278609862	20	22	FT	COBALT	7440-48-4		12	ug/Kg	U	N
2786	C278609860	6	9	FT	COPPER	7440-50-8		4.3	ug/Kg		N
2586	C258608861	12	14	FT	COPPER	7440-50-8		23	ug/Kg		N
2786	C278609861	12	14	FT	COPPER	7440-50-8		17	ug/Kg		N
2586	C258608862	20	22	FT	COPPER	7440-50-8		6.4	ug/Kg		N
2786	C278609862	20	22	FT	COPPER	7440-50-8		9.8	ug/Kg		N
2786	C278609860	6	9	FT	IRON	7439-89-6		9570	ug/Kg		N
2586	C258608861	12	14	FT	IRON	7439-89-6		14700	ug/Kg		N
2786	C278609861	12	14	FT	IRON	7439-89-6		5110	ug/Kg		N
2586	C258608862	20	22	FT	IRON	7439-89-6		2750	ug/Kg		N
2786	C278609862	20	22	FT	IRON	7439-89-6		10600	ug/Kg		N
2786	C278609860	6	9	FT	LEAD	7439-92-1		0.2	ug/Kg	U	N
2586	C258608861	12	14	FT	LEAD	7439-92-1		22	ug/Kg		N
2786	C278609861	12	14	FT	LEAD	7439-92-1		25	ug/Kg		N
2586	C258608862	20	22	FT	LEAD	7439-92-1		15	ug/Kg		N
2786	C278609862	20	22	FT	LEAD	7439-92-1		14	ug/Kg		N
2786	C278609860	6	9	FT	MAGNESIUM	7439-95-4		640	ug/Kg		N
2586	C258608861	12	14	FT	MAGNESIUM	7439-95-4		4920	ug/Kg		N
2786	C278609861	12	14	FT	MAGNESIUM	7439-95-4		3700	ug/Kg		N
2586	C258608862	20	22	FT	MAGNESIUM	7439-95-4		2400	ug/Kg		N
2786	C278609862	20	22	FT	MAGNESIUM	7439-95-4		3700	ug/Kg		N
2786	C278609860	6	9	FT	MANGANESE	7439-96-5		120	ug/Kg		N
2586	C258608861	12	14	FT	MANGANESE	7439-96-5		190	ug/Kg		N
2786	C278609861	12	14	FT	MANGANESE	7439-96-5		180	ug/Kg		N
2586	C258608862	20	22	FT	MANGANESE	7439-96-5		61	ug/Kg		N
2786	C278609862	20	22	FT	MANGANESE	7439-96-5		43	ug/Kg		N
2786	C278609860	6	9	FT	MERCURY	7439-97-6		0.11	ug/Kg	U	N

613

Table A.23 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soil Samples Greater than 6 Feet with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
2586	C258608861	12	14	FT	MERCURY	7439-97-6		0.12	ug/Kg	U	N
2786	C278609861	12	14	FT	MERCURY	7439-97-6		0.25	ug/Kg	U	N
2586	C258608862	20	22	FT	MERCURY	7439-97-6		0.12	ug/Kg	U	N
2786	C278609862	20	22	FT	MERCURY	7439-97-6		2.8	ug/Kg		N
2786	C278609860	6	9	FT	MOLYBDENUM	7439-98-7		32	ug/Kg	U	N
2586	C258608861	12	14	FT	MOLYBDENUM	7439-98-7		36	ug/Kg	U	N
2786	C278609861	12	14	FT	MOLYBDENUM	7439-98-7		38	ug/Kg	U	N
2586	C258608862	20	22	FT	MOLYBDENUM	7439-98-7		35	ug/Kg	U	N
2786	C278609862	20	22	FT	MOLYBDENUM	7439-98-7		36	ug/Kg	U	N
2786	C278609860	6	9	FT	NICKEL	7440-02-0		10	ug/Kg		N
2586	C258608861	12	14	FT	NICKEL	7440-02-0		19	ug/Kg		N
2786	C278609861	12	14	FT	NICKEL	7440-02-0		10	ug/Kg	U	N
2586	C258608862	20	22	FT	NICKEL	7440-02-0		9.4	ug/Kg	U	N
2786	C278609862	20	22	FT	NICKEL	7440-02-0		26	ug/Kg		N
2786	C278609860	6	9	FT	POTASSIUM	9/7/40		1550	ug/Kg		N
2586	C258608861	12	14	FT	POTASSIUM	9/7/40		2170	ug/Kg		N
2786	C278609861	12	14	FT	POTASSIUM	9/7/40		1320	ug/Kg		N
2586	C258608862	20	22	FT	POTASSIUM	9/7/40		750	ug/Kg		N
2786	C278609862	20	22	FT	POTASSIUM	9/7/40		1050	ug/Kg		N
2786	C278609860	6	9	FT	SELENIUM	7782-49-2		0.26	ug/Kg		N
2586	C258608861	12	14	FT	SELENIUM	7782-49-2		0.34	ug/Kg		N
2786	C278609861	12	14	FT	SELENIUM	7782-49-2		0.4	ug/Kg		N
2586	C258608862	20	22	FT	SELENIUM	7782-49-2		0.05	ug/Kg	U	N
2786	C278609862	20	22	FT	SELENIUM	7782-49-2		0.38	ug/Kg		N
2786	C278609860	6	9	FT	SILVER	7440-22-4		2.2	ug/Kg	U	N
2586	C258608861	12	14	FT	SILVER	7440-22-4		2.4	ug/Kg	U	N
2786	C278609861	12	14	FT	SILVER	7440-22-4		2.5	ug/Kg	U	N
2586	C258608862	20	22	FT	SILVER	7440-22-4		2.4	ug/Kg	U	N
2786	C278609862	20	22	FT	SILVER	7440-22-4		2.4	ug/Kg	U	N
2786	C278609860	6	9	FT	SODIUM	7440-23-5		420	ug/Kg		N
2586	C258608861	12	14	FT	SODIUM	7440-23-5		230	ug/Kg		N
2786	C278609861	12	14	FT	SODIUM	7440-23-5		400	ug/Kg		N
2586	C258608862	20	22	FT	SODIUM	7440-23-5		310	ug/Kg		N
2786	C278609862	20	22	FT	SODIUM	7440-23-5		340	ug/Kg		N
2786	C278609860	6	9	FT	STRONTIUM	7440-24-6		17	ug/Kg	U	N
2586	C258608861	12	14	FT	STRONTIUM	7440-24-6		170	ug/Kg		N
2786	C278609861	12	14	FT	STRONTIUM	7440-24-6		130	ug/Kg		N
2586	C258608862	20	22	FT	STRONTIUM	7440-24-6		50	ug/Kg		N
2786	C278609862	20	22	FT	STRONTIUM	7440-24-6		56	ug/Kg		N
2786	C278609860	6	9	FT	THALLIUM	7440-28-0		2.2	ug/Kg	U	N
2586	C258608861	12	14	FT	THALLIUM	7440-28-0		2.4	ug/Kg	U	N
2786	C278609861	12	14	FT	THALLIUM	7440-28-0		2.5	ug/Kg	U	N
2586	C258608862	20	22	FT	THALLIUM	7440-28-0		2.4	ug/Kg	U	N
2786	C278609862	20	22	FT	THALLIUM	7440-28-0		2.4	ug/Kg	U	N
2786	C278609860	6	9	FT	VANADIUM	7440-62-2		15	ug/Kg		N
2586	C258608861	12	14	FT	VANADIUM	7440-62-2		40	ug/Kg		N
2786	C278609861	12	14	FT	VANADIUM	7440-62-2		21	ug/Kg		N
2586	C258608862	20	22	FT	VANADIUM	7440-62-2		12	ug/Kg		N
2786	C278609862	20	22	FT	VANADIUM	7440-62-2		14	ug/Kg		N
2786	C278609860	6	9	FT	ZINC	7440-66-6		10	ug/Kg		N
2586	C258608861	12	14	FT	ZINC	7440-66-6		94	ug/Kg		N
2786	C278609861	12	14	FT	ZINC	7440-66-6		84	ug/Kg		N
2586	C258608862	20	22	FT	ZINC	7440-66-6		14	ug/Kg		N
2786	C278609862	20	22	FT	ZINC	7440-66-6		71	ug/Kg		N
P207589	SEP0389BR0810	8	10	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	1,1,1-TCA	71-55-6	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	1,1,1-TCA	71-55-6	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	

614

Table A.23 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soil Samples Greater than 6 Feet with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209589	SEP2389BR1416	14	14	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	
P207589	SEP0389BR1618	16	18	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	A
P208889	SEP1689BR1618	16	18	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	
P209089	SEP1889BR1618	16	18	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	V
P209589	SEP2389BR1820	18	20	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	
P207589	SEP0389BR2022	20	22	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	A
P209089	SEP1889BR2022	20	22	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	1,1,2,2-TETRACHLOROETHANE	79-34-5	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	
P209089	SEP1889BR0810	8	9	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	V
P209589	SEP2389BR0810	8	10	FT	1,1,2-TCA	79-00-5	5	5	ug/g	U	
P207589	SEP0389BR1214	12	14	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	A
P208889	SEP1689BR1214	12	14	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	
P209089	SEP1889BR1214	12	14	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	V
P209589	SEP2389BR1416	14	14	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	
P207589	SEP0389BR1618	16	18	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	A
P208889	SEP1689BR1618	16	18	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	
P209089	SEP1889BR1618	16	18	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	V
P209589	SEP2389BR1820	18	20	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	
P207589	SEP0389BR2022	20	22	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	A
P209089	SEP1889BR2022	20	22	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	1,1,2-TCA	79-00-5	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	1,1-DCA	75-34-3	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	1,1-DCA	75-34-3	6	6	ug/g	U	
P209089	SEP1889BR0810	8	9	FT	1,1-DCA	75-34-3	6	6	ug/g	U	V
P209589	SEP2389BR0810	8	10	FT	1,1-DCA	75-34-3	5	5	ug/g	U	
P207589	SEP0389BR1214	12	14	FT	1,1-DCA	75-34-3	6	6	ug/g	U	A
P208889	SEP1689BR1214	12	14	FT	1,1-DCA	75-34-3	6	6	ug/g	U	
P209089	SEP1889BR1214	12	14	FT	1,1-DCA	75-34-3	6	6	ug/g	U	V
P209589	SEP2389BR1416	14	14	FT	1,1-DCA	75-34-3	6	6	ug/g	U	
P207589	SEP0389BR1618	16	18	FT	1,1-DCA	75-34-3	6	6	ug/g	U	A
P208889	SEP1689BR1618	16	18	FT	1,1-DCA	75-34-3	6	6	ug/g	U	
P209089	SEP1889BR1618	16	18	FT	1,1-DCA	75-34-3	6	6	ug/g	U	V
P209589	SEP2389BR1820	18	20	FT	1,1-DCA	75-34-3	6	6	ug/g	U	
P207589	SEP0389BR2022	20	22	FT	1,1-DCA	75-34-3	6	6	ug/g	U	A
P209089	SEP1889BR2022	20	22	FT	1,1-DCA	75-34-3	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	1,1-DCA	75-34-3	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	1,1-DCE	75-35-4	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	1,1-DCE	75-35-4	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	1,1-DCE	75-35-4	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	1,1-DCE	75-35-4	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	1,1-DCE	75-35-4	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	1,1-DCE	75-35-4	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	1,1-DCE	75-35-4	6	6	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	1,1-DCE	75-35-4	6	6	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	1,1-DCE	75-35-4	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	1,1-DCE	75-35-4	6	6	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	1,1-DCE	75-35-4	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	1,1-DCE	75-35-4	6	6	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	1,1-DCE	75-35-4	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	1,1-DCE	75-35-4	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	1,1-DCE	75-35-4	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	1,2-DCA	107-06-2	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	1,2-DCA	107-06-2	6	6	ug/g	U	
P209089	SEP1889BR0810	8	9	FT	1,2-DCA	107-06-2	6	6	ug/g	U	V
P209589	SEP2389BR0810	8	10	FT	1,2-DCA	107-06-2	5	5	ug/g	U	
P207589	SEP0389BR1214	12	14	FT	1,2-DCA	107-06-2	6	6	ug/g	U	A
P208889	SEP1689BR1214	12	14	FT	1,2-DCA	107-06-2	6	6	ug/g	U	
P209089	SEP1889BR1214	12	14	FT	1,2-DCA	107-06-2	6	6	ug/g	U	V
P209589	SEP2389BR1416	14	14	FT	1,2-DCA	107-06-2	6	6	ug/g	U	
P207589	SEP0389BR1618	16	18	FT	1,2-DCA	107-06-2	6	6	ug/g	U	A
P208889	SEP1689BR1618	16	18	FT	1,2-DCA	107-06-2	6	6	ug/g	U	
P209089	SEP1889BR1618	16	18	FT	1,2-DCA	107-06-2	6	6	ug/g	U	V
P209589	SEP2389BR1820	18	20	FT	1,2-DCA	107-06-2	6	6	ug/g	U	
P207589	SEP0389BR2022	20	22	FT	1,2-DCA	107-06-2	6	6	ug/g	U	A
P209089	SEP1889BR2022	20	22	FT	1,2-DCA	107-06-2	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	1,2-DCA	107-06-2	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	
P209089	SEP1889BR0810	8	9	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	V
P209589	SEP2389BR0810	8	10	FT	1,2-DICHLOROETHENE	540-59-0	5	5	ug/g	U	
P207589	SEP0389BR1214	12	14	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	A
P208889	SEP1689BR1214	12	14	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	
P209089	SEP1889BR1214	12	14	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	V
P209589	SEP2389BR1416	14	14	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	
						540-59-0	6	6	ug/g	U	A

615

Table A.23 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soil Samples Greater than 6 Feet with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	CHEMICAL NAME	CAS NO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P207589	SEP0389BR1618	16	18	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	1,2-DICHLOROETHENE	540-59-0	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	1,2-DICHLOROPROPANE	78-87-5	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	1,2-DICHLOROPROPANE	78-87-5	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	2-BUTANONE	78-93-3	12	12	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	2-BUTANONE	78-93-3	12	12	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	2-BUTANONE	78-93-3	10	10	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	2-BUTANONE	78-93-3	11	11	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	2-BUTANONE	78-93-3	13	13	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	2-BUTANONE	78-93-3	12	12	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	2-BUTANONE	78-93-3	12	12	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	2-BUTANONE	78-93-3	12	12	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	2-BUTANONE	78-93-3	12	12	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	2-BUTANONE	78-93-3	12	12	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	2-BUTANONE	78-93-3	12	12	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	2-BUTANONE	78-93-3	12	12	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	2-BUTANONE	78-93-3	12	2	ug/g	J	
P209089	SEP1889BR2022	20	22	FT	2-BUTANONE	78-93-3	12	12	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	2-BUTANONE	78-93-3	12	12	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	2-HEXANONE	591-78-6	12	12	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	2-HEXANONE	591-78-6	12	12	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	2-HEXANONE	591-78-6	10	10	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	2-HEXANONE	591-78-6	11	11	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	2-HEXANONE	591-78-6	13	13	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	2-HEXANONE	591-78-6	12	12	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	2-HEXANONE	591-78-6	12	12	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	2-HEXANONE	591-78-6	12	12	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	2-HEXANONE	591-78-6	12	12	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	2-HEXANONE	591-78-6	12	12	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	2-HEXANONE	591-78-6	12	12	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	2-HEXANONE	591-78-6	12	12	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	2-HEXANONE	591-78-6	12	12	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	2-HEXANONE	591-78-6	12	12	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	2-HEXANONE	591-78-6	12	12	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	4-METHYL-2-PENTANONE	108-10-1	10	10	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	4-METHYL-2-PENTANONE	108-10-1	11	11	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	4-METHYL-2-PENTANONE	108-10-1	13	13	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	4-METHYL-2-PENTANONE	108-10-1	12	2	ug/g	JB	
P209089	SEP1889BR2022	20	22	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	4-METHYL-2-PENTANONE	108-10-1	12	12	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	ACETONE	67-64-1	12	14	ug/g	B	
P208889	SEP1689BR0810	8	10	FT	ACETONE	67-64-1	12	12	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	ACETONE	67-64-1	10	5	ug/g	J	
P209589	SEP2389BR0810	8	10	FT	ACETONE	67-64-1	11	49	ug/g		A
P207589	SEP0389BR1214	12	14	FT	ACETONE	67-64-1	13	12	ug/g	JB	
P208889	SEP1689BR1214	12	14	FT	ACETONE	67-64-1	12	12	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	ACETONE	67-64-1	12	4	ug/g	J	
P209589	SEP2389BR1416	14	14	FT	ACETONE	67-64-1	12	12	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	ACETONE	67-64-1	12	12	ug/g	B	

616

Table A.23 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soil Samples Greater than 6 Feet with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE NAME	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P208889	SEP1689BR1618	16	18	FT	ACETONE	67-64-1	12	9	ug/g	J	A
P209089	SEP1889BR1618	16	18	FT	ACETONE	67-64-1	12	12	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	ACETONE	67-64-1	12	10	ug/g	J	A
P207589	SEP0389BR2022	20	22	FT	ACETONE	67-64-1	12	12	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	ACETONE	67-64-1	12	12	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	ACETONE	67-64-1	12	12	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	BENZENE	71-43-2	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	BENZENE	71-43-2	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	BENZENE	71-43-2	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	BENZENE	71-43-2	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	BENZENE	71-43-2	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	BENZENE	71-43-2	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	BENZENE	71-43-2	6	6	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	BENZENE	71-43-2	6	6	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	BENZENE	71-43-2	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	BENZENE	71-43-2	6	6	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	BENZENE	71-43-2	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	BENZENE	71-43-2	6	6	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	BENZENE	71-43-2	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	BENZENE	71-43-2	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	BENZENE	71-43-2	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	BROMODICHLOROMETHANE	75-27-4	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	BROMODICHLOROMETHANE	75-27-4	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	BROMOFORM	75-25-2	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	BROMOFORM	75-25-2	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	BROMOFORM	75-25-2	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	BROMOFORM	75-25-2	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	BROMOFORM	75-25-2	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	BROMOFORM	75-25-2	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	BROMOFORM	75-25-2	6	6	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	BROMOFORM	75-25-2	6	6	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	BROMOFORM	75-25-2	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	BROMOFORM	75-25-2	6	6	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	BROMOFORM	75-25-2	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	BROMOFORM	75-25-2	6	6	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	BROMOFORM	75-25-2	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	BROMOFORM	75-25-2	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	BROMOFORM	75-25-2	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	BROMOMETHANE	74-83-9	12	12	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	BROMOMETHANE	74-83-9	12	12	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	BROMOMETHANE	74-83-9	10	10	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	BROMOMETHANE	74-83-9	11	11	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	BROMOMETHANE	74-83-9	13	13	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	BROMOMETHANE	74-83-9	12	12	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	BROMOMETHANE	74-83-9	12	12	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	BROMOMETHANE	74-83-9	12	12	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	BROMOMETHANE	74-83-9	12	12	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	BROMOMETHANE	74-83-9	12	12	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	BROMOMETHANE	74-83-9	12	12	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	BROMOMETHANE	74-83-9	12	12	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	BROMOMETHANE	74-83-9	12	12	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	BROMOMETHANE	74-83-9	12	12	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	BROMOMETHANE	74-83-9	12	12	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	CARBON DISULFIDE	75-15-0	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	V

617

Table A.23 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soil Samples Greater than 6 Feet with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	ANALYTE	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209089	SEP1889BR1618	16	18	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	CARBON DISULFIDE	75-15-0	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	CARBON TETRACHLORIDE	56-23-5	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	CARBON TETRACHLORIDE	56-23-5	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	CHLOROBENZENE	108-90-7	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	CHLOROBENZENE	108-90-7	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	CHLOROETHANE	75-00-3	12	12	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	CHLOROETHANE	75-00-3	12	12	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	CHLOROETHANE	75-00-3	10	10	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	CHLOROETHANE	75-00-3	11	11	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	CHLOROETHANE	75-00-3	13	13	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	CHLOROETHANE	75-00-3	12	12	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	CHLOROETHANE	75-00-3	12	12	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	CHLOROETHANE	75-00-3	12	12	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	CHLOROETHANE	75-00-3	12	12	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	CHLOROETHANE	75-00-3	12	12	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	CHLOROETHANE	75-00-3	12	12	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	CHLOROETHANE	75-00-3	12	12	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	CHLOROETHANE	75-00-3	12	12	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	CHLOROETHANE	75-00-3	12	12	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	CHLOROETHANE	75-00-3	12	12	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	CHLOROFORM	67-66-3	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	CHLOROFORM	67-66-3	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	CHLOROMETHANE	74-87-3	12	12	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	CHLOROMETHANE	74-87-3	12	12	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	CHLOROMETHANE	74-87-3	10	10	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	CHLOROMETHANE	74-87-3	11	11	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	CHLOROMETHANE	74-87-3	13	13	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	CHLOROMETHANE	74-87-3	12	12	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	CHLOROMETHANE	74-87-3	12	12	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	CHLOROMETHANE	74-87-3	12	12	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	CHLOROMETHANE	74-87-3	12	12	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	CHLOROMETHANE	74-87-3	12	12	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	CHLOROMETHANE	74-87-3	12	12	ug/g	U	

618

Table:A.23 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soil Samples Greater than 6 Feet with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	CHEMICAL NAME	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209589	SEP2389BR1820	18	20	FT	CHLOROMETHANE	74-87-3	12	12	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	CHLOROMETHANE	74-87-3	12	12	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	CHLOROMETHANE	74-87-3	12	12	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	CHLOROMETHANE	74-87-3	12	12	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	CIS-1,3-DICHLOROPROPENE	10061-01-5	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	DIBROMOCHLOROMETHANE	124-48-1	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	DIBROMOCHLOROMETHANE	124-48-1	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	ETHYLBENZENE	100-41-4	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	ETHYLBENZENE	100-41-4	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/g	B	
P208889	SEP1689BR0810	8	10	FT	METHYLENE CHLORIDE	75-09-2	6	2	ug/g	J	A
P209089	SEP1889BR0810	8	9	FT	METHYLENE CHLORIDE	75-09-2	5	1	ug/g	J	
P209589	SEP2389BR0810	8	10	FT	METHYLENE CHLORIDE	75-09-2	6	14	ug/g	B	A
P207589	SEP0389BR1214	12	14	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/g	B	
P208889	SEP1689BR1214	12	14	FT	METHYLENE CHLORIDE	75-09-2	6	2	ug/g	J	A
P209089	SEP1889BR1214	12	14	FT	METHYLENE CHLORIDE	75-09-2	6	10	ug/g		
P209589	SEP2389BR1416	14	14	FT	METHYLENE CHLORIDE	75-09-2	6	14	ug/g	B	A
P207589	SEP0389BR1618	16	18	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/g	B	
P208889	SEP1689BR1618	16	18	FT	METHYLENE CHLORIDE	75-09-2	6	2	ug/g	J	A
P209089	SEP1889BR1618	16	18	FT	METHYLENE CHLORIDE	75-09-2	6	17	ug/g		
P209589	SEP2389BR1820	18	20	FT	METHYLENE CHLORIDE	75-09-2	6	12	ug/g	B	A
P207589	SEP0389BR2022	20	22	FT	METHYLENE CHLORIDE	75-09-2	6	6	ug/g	B	
P209089	SEP1889BR2022	20	22	FT	METHYLENE CHLORIDE	75-09-2	6	13	ug/g		
P209089	SEP1889BR2426	24	26	FT	METHYLENE CHLORIDE	75-09-2	6	5	ug/g	J	
P207589	SEP0389BR0810	8	10	FT	STYRENE	100-42-5	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	STYRENE	100-42-5	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	STYRENE	100-42-5	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	STYRENE	100-42-5	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	STYRENE	100-42-5	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	STYRENE	100-42-5	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	STYRENE	100-42-5	6	6	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	STYRENE	100-42-5	6	6	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	STYRENE	100-42-5	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	STYRENE	100-42-5	6	6	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	STYRENE	100-42-5	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	STYRENE	100-42-5	6	6	ug/g	U	A

619

Table A.23 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soil Samples Greater than 6 Feet with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	Analyte	CASNO	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P207589	SEP0389BR2022	20	22	FT	STYRENE	100-42-5	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	STYRENE	100-42-5	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	STYRENE	100-42-5	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	TCE	79-01-6	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	TCE	79-01-6	6	6	ug/g	U	
P209089	SEP1889BR0810	8	9	FT	TCE	79-01-6	5	5	ug/g	U	V
P209589	SEP2389BR0810	8	10	FT	TCE	79-01-6	6	6	ug/g	U	
P207589	SEP0389BR1214	12	14	FT	TCE	79-01-6	6	6	ug/g	U	A
P208889	SEP1689BR1214	12	14	FT	TCE	79-01-6	6	6	ug/g	U	
P209089	SEP1889BR1214	12	14	FT	TCE	79-01-6	6	6	ug/g	U	V
P209589	SEP2389BR1416	14	14	FT	TCE	79-01-6	6	6	ug/g	U	
P207589	SEP0389BR1618	16	18	FT	TCE	79-01-6	6	6	ug/g	U	A
P208889	SEP1689BR1618	16	18	FT	TCE	79-01-6	6	6	ug/g	U	
P209089	SEP1889BR1618	16	18	FT	TCE	79-01-6	6	6	ug/g	U	V
P209589	SEP2389BR1820	18	20	FT	TCE	79-01-6	6	6	ug/g	U	
P207589	SEP0389BR2022	20	22	FT	TCE	79-01-6	6	6	ug/g	U	A
P209089	SEP1889BR2022	20	22	FT	TCE	79-01-6	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	TCE	79-01-6	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	
P209089	SEP1889BR0810	8	9	FT	TETRACHLOROETHENE	127-18-4	5	5	ug/g	U	V
P209589	SEP2389BR0810	8	10	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	
P207589	SEP0389BR1214	12	14	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	A
P208889	SEP1689BR1214	12	14	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	
P209089	SEP1889BR1214	12	14	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	V
P209589	SEP2389BR1416	14	14	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	
P207589	SEP0389BR1618	16	18	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	A
P208889	SEP1689BR1618	16	18	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	
P209089	SEP1889BR1618	16	18	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	V
P209589	SEP2389BR1820	18	20	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	
P207589	SEP0389BR2022	20	22	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	A
P209089	SEP1889BR2022	20	22	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	TETRACHLOROETHENE	127-18-4	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	TOLUENE	108-88-3	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	TOLUENE	108-88-3	6	6	ug/g	U	
P209089	SEP1889BR0810	8	9	FT	TOLUENE	108-88-3	5	5	ug/g	U	V
P209589	SEP2389BR0810	8	10	FT	TOLUENE	108-88-3	6	6	ug/g	U	
P207589	SEP0389BR1214	12	14	FT	TOLUENE	108-88-3	6	6	ug/g	U	A
P208889	SEP1689BR1214	12	14	FT	TOLUENE	108-88-3	6	6	ug/g	U	
P209089	SEP1889BR1214	12	14	FT	TOLUENE	108-88-3	6	6	ug/g	U	V
P209589	SEP2389BR1416	14	14	FT	TOLUENE	108-88-3	6	6	ug/g	U	
P207589	SEP0389BR1618	16	18	FT	TOLUENE	108-88-3	6	6	ug/g	U	A
P208889	SEP1689BR1618	16	18	FT	TOLUENE	108-88-3	6	6	ug/g	U	
P209089	SEP1889BR1618	16	18	FT	TOLUENE	108-88-3	6	6	ug/g	U	V
P209589	SEP2389BR1820	18	20	FT	TOLUENE	108-88-3	6	6	ug/g	U	
P207589	SEP0389BR2022	20	22	FT	TOLUENE	108-88-3	6	6	ug/g	U	A
P209089	SEP1889BR2022	20	22	FT	TOLUENE	108-88-3	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	TOLUENE	108-88-3	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	
P209089	SEP1889BR0810	8	9	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	5	5	ug/g	U	V
P209589	SEP2389BR0810	8	10	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	
P207589	SEP0389BR1214	12	14	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	A
P208889	SEP1689BR1214	12	14	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	
P209089	SEP1889BR1214	12	14	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	V
P209589	SEP2389BR1416	14	14	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	
P207589	SEP0389BR1618	16	18	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	A
P208889	SEP1689BR1618	16	18	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	
P209089	SEP1889BR1618	16	18	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	V
P209589	SEP2389BR1820	18	20	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	
P207589	SEP0389BR2022	20	22	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	A
P209089	SEP1889BR2022	20	22	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	TRANS-1,3-DICHLOROPROPENE	10061-02-6	6	6	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	VINYL ACETATE	108-05-4	12	12	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	VINYL ACETATE	108-05-4	12	12	ug/g	U	
P209089	SEP1889BR0810	8	9	FT	VINYL ACETATE	108-05-4	10	10	ug/g	U	V
P209589	SEP2389BR0810	8	10	FT	VINYL ACETATE	108-05-4	11	11	ug/g	U	
P207589	SEP0389BR1214	12	14	FT	VINYL ACETATE	108-05-4	13	13	ug/g	U	A
P208889	SEP1689BR1214	12	14	FT	VINYL ACETATE	108-05-4	12	12	ug/g	U	
P209089	SEP1889BR1214	12	14	FT	VINYL ACETATE	108-05-4	12	12	ug/g	U	V
P209589	SEP2389BR1416	14	14	FT	VINYL ACETATE	108-05-4	12	12	ug/g	U	
P207589	SEP0389BR1618	16	18	FT	VINYL ACETATE	108-05-4	12	12	ug/g	U	A
P208889	SEP1689BR1618	16	18	FT	VINYL ACETATE	108-05-4	12	12	ug/g	U	
P209089	SEP1889BR1618	16	18	FT	VINYL ACETATE	108-05-4	12	12	ug/g	U	V
P209589	SEP2389BR1820	18	20	FT	VINYL ACETATE	108-05-4	12	12	ug/g	U	
P207589	SEP0389BR2022	20	22	FT	VINYL ACETATE	108-05-4	12	12	ug/g	U	A

620

Table A.23 Solar Evaporation Ponds AOC - Analytical Results for Subsurface Soil Samples Greater than 6 Feet with Irregular Units

LOCATION CODE	SAMPLE NUMBER	DEPTH START	DEPTH END	UNIT CODE	CHEMICAL NAME	CAS NO.	DETECTION LIMIT	RESULT	UNITS	LAB RESULT QUALIFIER	VALIDATION QUALIFIER
P209089	SEP1889BR2022	20	22	FT	VINYL ACETATE	108-05-4	12	12	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	VINYL ACETATE	108-05-4	12	12	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	VINYL CHLORIDE	75-01-4	12	12	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	VINYL CHLORIDE	75-01-4	12	12	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	VINYL CHLORIDE	75-01-4	10	10	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	VINYL CHLORIDE	75-01-4	11	11	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	VINYL CHLORIDE	75-01-4	13	13	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	VINYL CHLORIDE	75-01-4	12	12	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	VINYL CHLORIDE	75-01-4	12	12	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	VINYL CHLORIDE	75-01-4	12	12	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	VINYL CHLORIDE	75-01-4	12	12	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	VINYL CHLORIDE	75-01-4	12	12	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	VINYL CHLORIDE	75-01-4	12	12	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	VINYL CHLORIDE	75-01-4	12	12	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	VINYL CHLORIDE	75-01-4	12	12	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	VINYL CHLORIDE	75-01-4	12	12	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	VINYL CHLORIDE	75-01-4	12	12	ug/g	U	
P207589	SEP0389BR0810	8	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	
P208889	SEP1689BR0810	8	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	V
P209089	SEP1889BR0810	8	9	FT	XYLENES (TOTAL)	1330-20-7	5	5	ug/g	U	
P209589	SEP2389BR0810	8	10	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	A
P207589	SEP0389BR1214	12	14	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	
P208889	SEP1689BR1214	12	14	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	V
P209089	SEP1889BR1214	12	14	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	
P209589	SEP2389BR1416	14	14	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	A
P207589	SEP0389BR1618	16	18	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	
P208889	SEP1689BR1618	16	18	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	V
P209089	SEP1889BR1618	16	18	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	
P209589	SEP2389BR1820	18	20	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	A
P207589	SEP0389BR2022	20	22	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	
P209089	SEP1889BR2022	20	22	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	
P209089	SEP1889BR2426	24	26	FT	XYLENES (TOTAL)	1330-20-7	6	6	ug/g	U	

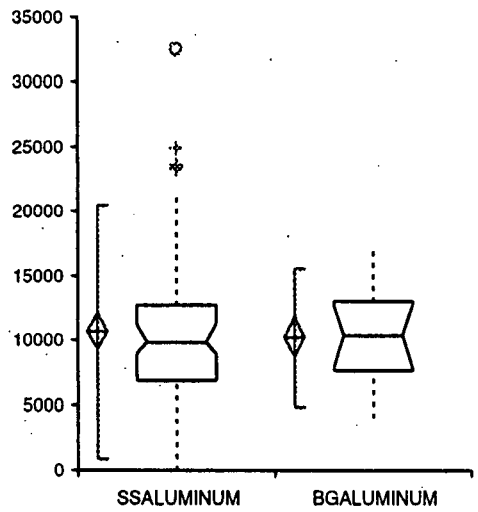
624

622

analysed with: Analyse-it + General 1.63

Table A.24 **Comparative Descriptives**
Surface Soil Background Camparison
Location: SSALUMINUM, BGALUMINUM

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
SSALUMINUM	73	10666.239	5960.3907	697.6110	9275.577 to 12056.90	9830.000	5820.000	8910.000 to 11200.00
BGALUMINUM	20	10202.500	3256.0614	728.0775	8678.617 to 11726.38	10350.000	5320.000	7770.000 to 12700.00

analysed with: Analyse-it + General 1.63

Table A.25 **Mann-Whitney Test**
Surface Soil Background Camparison
Location: SSALUMINUM ≥ BGALUMINUM

Date 10 December 2002

n	93

Location	n	Rank sum	Mean rank	U
SSALUMINUM	73	3420.0	46.85	741.0
BGALUMINUM	20	951.0	47.55	719.0

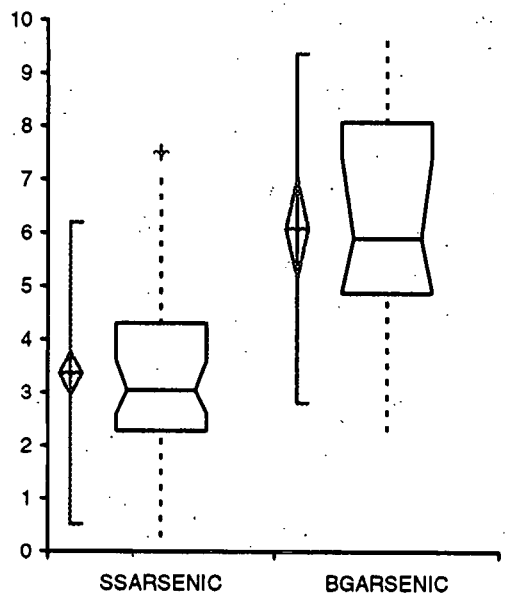
Difference between medians	-105.000	
95.0% CI	-1890.000 to +∞	(normal approximation)

Mann-Whitney U statistic	741	
1-tailed p	0.5410	(normal approximation, corrected for ties)

Table A.26 **Comparative Descriptives**
Surface Soil Background Camparison
Location: SSARSENIC, BGARSENIC

analysed with: [redacted]e-it + General 1.63

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
SSARSENIC	72	3.353	1.7280	0.2036	2.947 to 3.759	3.050	2.025	2.600 to 3.600
BGARSENIC	20	6.085	1.9956	0.4462	5.151 to 7.019	5.900	3.200	4.900 to 7.400

analysed with: Analyse-it + General 1.63

Table A.27 **Mann-Whitney test**
Surface Soil Background Camparison
Location: SSARSENIC ≥ BGARSENIC

Date 10 December 2002

n 92

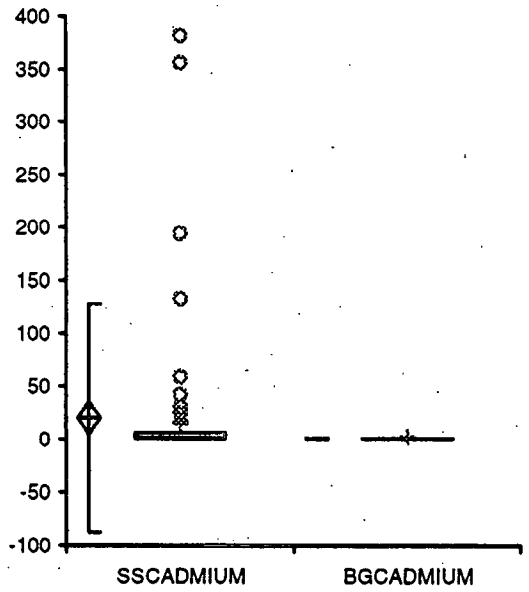
Location	n	Rank sum	Mean rank	U
SSARSENIC	72	2841.5	39.47	1226.5
BGARSENIC	20	1436.5	71.83	213.5

Difference between medians	-2.700	
95.0% CI	-3.585 to +∞	(normal approximation)

Mann-Whitney U statistic	1226.5	
1-tailed p	1.0000	(normal approximation, corrected for ties)

Table A.28 **Comparative Descriptives**
Surface Soil Background Camparison
Location: SSCADMIUM, BGCADMIUM

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
SSCADMIUM	73	20.19	65.518	7.668	4.90 to 35.48	1.70	5.50	0.75 to 2.50
BGCADMIUM	20	0.71	0.455	0.102	0.49 to 0.92	0.71	0.53	0.33 to 0.84

Table A-29 **Mann-Whitney test**
Surface Soil Background Camparison
Location: SSCADMIUM ≥ BGCADMIUM

Date 10 December 2002

n	93

Location	n	Rank sum	Mean rank	U
SSCADMIUM	73	3765.5	51.58	395.5
BGCADMIUM	20	605.5	30.28	1064.5

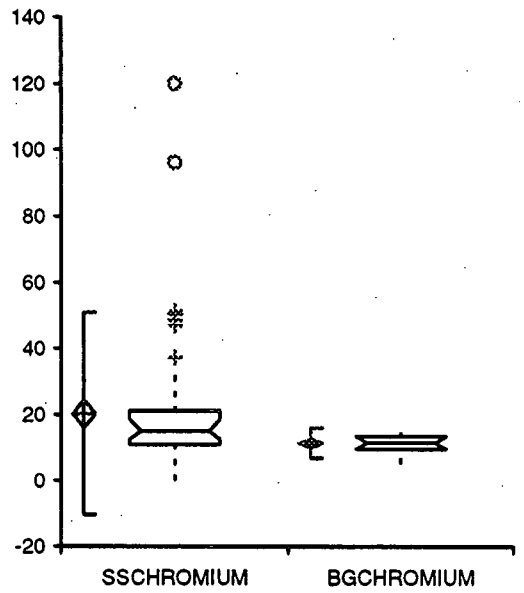
Difference between medians	0.96	
95.0% CI	0.31 to +∞	(normal approximation)

Mann-Whitney U statistic	395.5	
1-tailed p	0.0009	(normal approximation, corrected for ties)

analysed with: Analyse-it + General 1.63

Table A.30 **Comparative Descriptives**
Surface Soil Background Camparison
Location: SSCHROMIUM, BGCHROMIUM

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
SSCHROMIUM	73	20.22	18.632	2.181	15.87 to 24.56	15.00	10.40	12.40 to 18.60
BGCHROMIUM	20	11.24	2.780	0.622	9.94 to 12.54	11.40	4.08	9.50 to 13.30

Table A.31 **Mann-Whitney test**
Surface Soil Background Camparison
Location: SSCHROMIUM ≥ BGCHROMIUM

Date 10 December 2002

n	93

Location	n	Rank sum	Mean rank	U
SSCHROMIUM	73	3745.0	51.30	416.0
BGCHROMIUM	20	626.0	31.30	1044.0

Difference between medians	4.20	
95.0% CI	1.70 to +∞	(normal approximation)

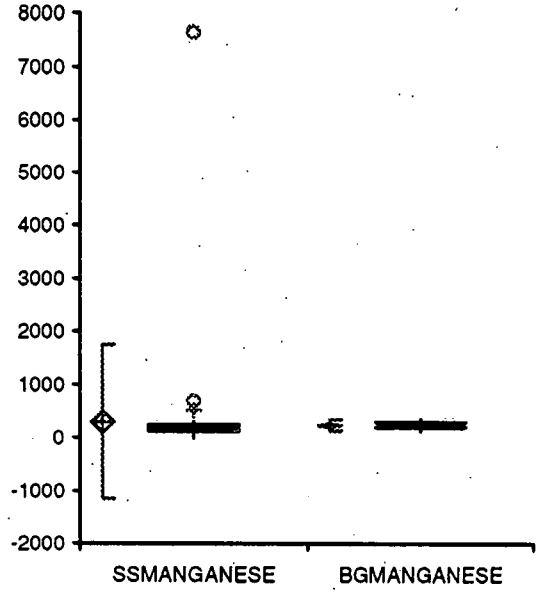
Mann-Whitney U statistic	416	
1-tailed p	0.0017	(normal approximation, corrected for ties)

630

analysed with: Analyse-it + General 1.63

Table A.32 **Comparative Descriptives**
Surface Soil Background Camparison
Location: SSMANGANESE, BGMANGANESE

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
SSMANGANESE	73	296.31	877.934	102.754	91.47 to 501.15	186.00	113.00	158.00 to 221.00
BGMANGANESE	20	237.10	63.940	14.297	207.18 to 267.02	228.50	98.00	196.00 to 288.00

Table A.33 **Mann-Whitney test**
Surface Soil Background Camparison
Location: SSMANGANESE ≥ BGMANGANESE

Date 10 December 2002

n	93

Location	n	Rank sum	Mean rank	U
SSMANGANESE	73	3167.0	43.38	994.0
BGMANGANESE	20	1204.0	60.20	466.0

Difference between medians	-49.00	
95.0% CI	-79.00 to +∞	(normal approximation)

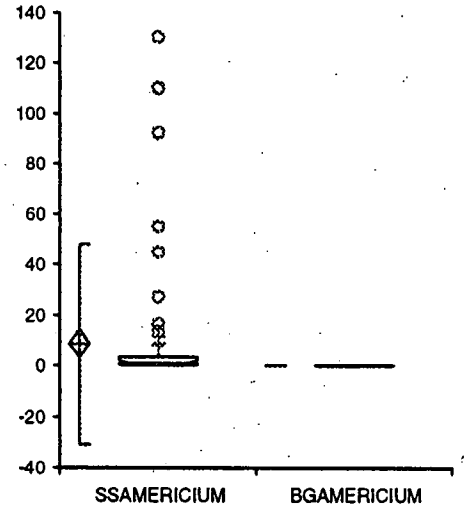
Mann-Whitney U statistic	994	
1-tailed p	0.9932	(normal approximation, corrected for ties)

632

analysed with: Analyse-it + General 1.63

Table A.34 **Comparative Descriptives**
Surface Soil Background Comparison
Location: SSAMERICIUM, BGAMERICIUM

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
SSAMERICIUM	69	8.686	23.9947	2.8886	2.922 to 14.451	0.832	3.049	0.340 to 2.000
BGAMERICIUM	50	0.010	0.0057	0.0008	0.009 to 0.012	0.009	0.007	0.008 to 0.012

analysed with: Analyse-it + General 1.63

Table A.35 **Mann-Whitney Test**
Surface Soil Background Comparison
Location: SSAMERICIUM ≥ BGAMERICIUM

Date 10 December 2002

n 119

Location	n	Rank sum	Mean rank	U
SSAMERICIUM	69	5843.5	84.69	21.5
BGAMERICIUM	50	1296.5	25.93	3428.5

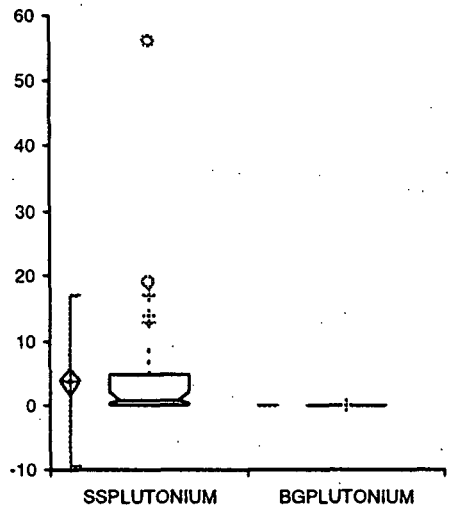
Difference between medians 0.823
95.0% CI 0.438 to +∞ (normal approximation)

Mann-Whitney U statistic 21.5
1-tailed p <0.0001 (normal approximation, corrected for ties)

633

Table A.36 **Comparative Descriptives**
Surface Soil Background Comparison
Location: SSPLUTONIUM, BGPLUTONIUM

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
SSPLUTONIUM	60	3.758	8.0669	1.0414	1.674 to 5.841	0.821	4.632	0.337 to 2.170
BGPLUTONIUM	50	0.039	0.0152	0.0021	0.034 to 0.043	0.035	0.019	0.031 to 0.041

Table A.37 **Mann-Whitney Test**
Surface Soil Background Comparison
Location: SSPLUTONIUM ≥ BGPLUTONIUM

Date 10 December 2002

n	110

Location	n	Rank sum	Mean rank	U
SSPLUTONIUM	60	4556.0	75.93	274.0
BGPLUTONIUM	50	1549.0	30.98	2726.0

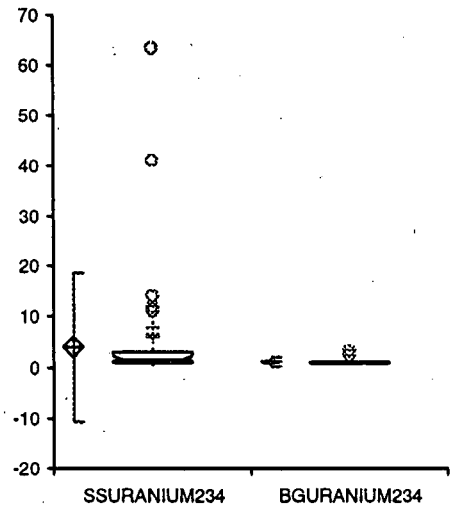
Difference between medians	0.775	
95.1% CI	0.392 to +∞	(normal approximation)

Mann-Whitney U statistic	274	
1-tailed p	<0.0001	(normal approximation, corrected for ties)

635

Table A.38 **Comparative Descriptives**
Surface Soil Background Comparison
Location: SSURANIUM234, BGURANIUM234

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
SSURANIUM234	71	3.971	8.8719	1.0529	1.871 to 6.071	1.520	2.043	1.200 to 2.300
BGURANIUM234	20	1.097	0.5781	0.1293	0.826 to 1.367	0.945	0.290	0.810 to 1.100

Table A.39 **Mann-Whitney Test**
Surface Soil Background Comparison
Location: SSURANIUM234 ≥ BGURANIUM234

Date 10 December 2002

n	91

Location	n	Rank sum	Mean rank	U
SSURANIUM234	71	3640.0	51.27	336.0
BGURANIUM234	20	546.0	27.30	1084.0

Difference between medians	0.553	
95.0% CI	0.230 to +∞	(normal approximation)

Mann-Whitney U statistic	336	
1-tailed p	0.0002	(normal approximation, corrected for ties)

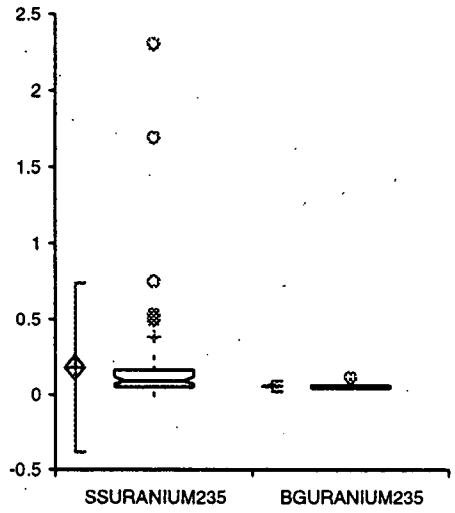
637

638

analysed with: Analyse-it + General 1.63

Table A.40 **Comparative Descriptives**
Surface Soil Background Comparison
Location: SSURANIUM235, BGURANIUM235

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
SSURANIUM235	71	0.177	0.3430	0.0407	0.096 to 0.259	0.086	0.110	0.065 to 0.115
BGURANIUM235	20	0.054	0.0205	0.0046	0.044 to 0.063	0.048	0.016	0.042 to 0.056

analysed with: Analyse-it + General 1.63

Table A.41 **Mann-Whitney Test**
Surface Soil Background Comparison
Location: SSURANIUM235 ≥ BGURANIUM235

Date 10 December 2002

n	91

Location	n	Rank sum	Mean rank	U
SSURANIUM235	71	3554.5	50.06	421.5
BGURANIUM235	20	631.5	31.58	998.5

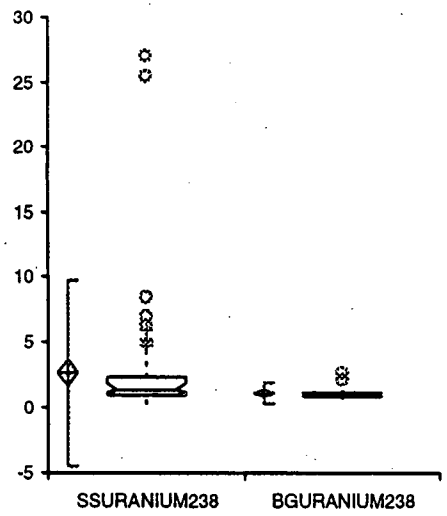
Difference between medians	0.033	
95.0% CI	0.014 to +∞	(normal approximation)

Mann-Whitney U statistic	421.5	
1-tailed p	0.0028	(normal approximation, corrected for ties)

639

Table A.42 **Comparative Descriptives**
Surface Soil Background Comparison
Location: SSURANIUM238, BGURANIUM238

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
SSURANIUM238	72	2.620	4.3266	0.5099	1.603 to 3.637	1.300	1.325	1.135 to 1.797
BGURANIUM238	20	1.090	0.4556	0.1019	0.876 to 1.303	0.950	0.240	0.870 to 1.100

Table A.43 **Mann-Whitney Test**
Surface Soil Background Comparison
Location: SSURANIUM238 ≥ BGURANIUM238

Date 10 December 2002

n	92

Location	n	Rank sum	Mean rank	U
SSURANIUM238	72	3664.0	50.89	404.0
BGURANIUM238	20	614.0	30.70	1036.0

Difference between medians	0.329	
95.0% CI	0.135 to +∞	(normal approximation)

Mann-Whitney U statistic	404	
1-tailed p	0.0014	(normal approximation, corrected for ties)

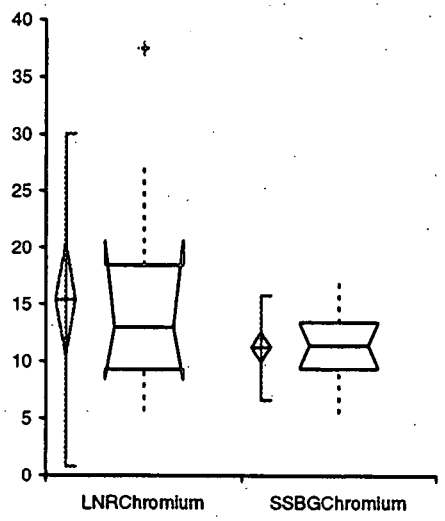
641

Table A.44 **Comparative Descriptives**

Location: LNRChromium, SSBGChromium

analysed with: Analyse-it + General 1.63

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
LNRChromium	15	15.407	8.8955	2.2968	10.480 to 20.333	13.000	9.150	8.400 to 20.600
SSBGChromium	20	11.240	2.7799	0.6216	9.939 to 12.541	11.400	4.075	9.500 to 13.300

analysed with: Analyse-it + General 1.63

Table A.45 **Mann-Whitney Test**

Location: LNRChromium ≥ SSBGChromium

Date 10 December 2002

n	35

Location	n	Rank sum	Mean rank	U
LNRChromium	15	306.5	20.43	113.5
SSBGChromium	20	323.5	16.18	186.5

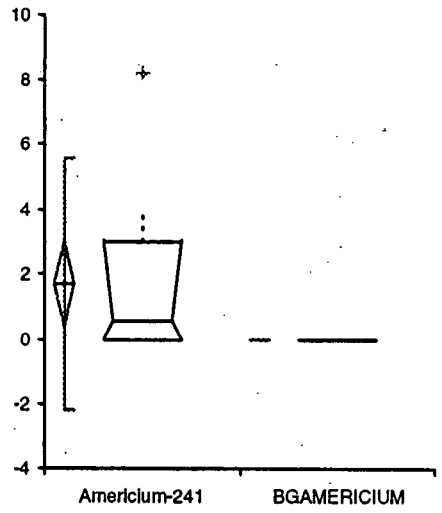
Difference between medians	2.100	
95.2% CI	-0.600 to +∞	(normal approximation)

Mann-Whitney U statistic	113.5	
1-tailed p	0.1118	(normal approximation, corrected for ties)

Table A.46 **Comparative Descriptives**
Liner Background Comparison
Location: Americium-241, BGAMERICIUM

analysed with: Analyse-it + General 1.63

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
Americium-241	15	1.705	2.3516	0.6072	0.402 to 3.007	0.580	3.002	0.005 to 3.063
BGAMERICIUM	50	0.010	0.0057	0.0008	0.009 to 0.012	0.009	0.007	0.008 to 0.012

analysed with: Analyse-it + General 1.63

Table A.47 **Mann-Whitney Test**
Liner Background Comparison
Location: Americium-241 ≥ BGAMERICIUM

Date 10 December 2002

n	65

Location	n	Rank sum	Mean rank	U
Americium-241	15	612.0	40.80	258.0
BGAMERICIUM	50	1533.0	30.66	492.0

Difference between medians	0.565	
95.1% CI	0.001 to +∞	(normal approximation)

Mann-Whitney U statistic	258	
1-tailed p	0.0339	(normal approximation, corrected for ties)

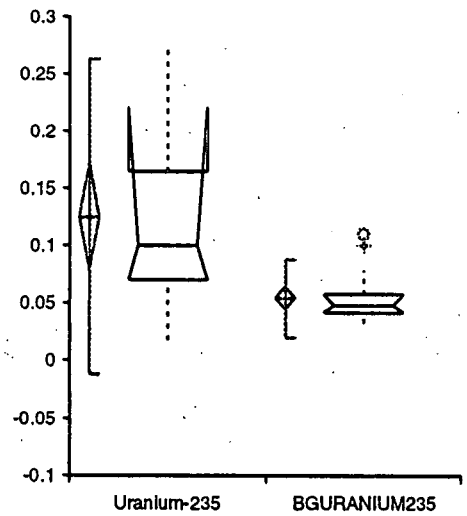
645

446

analysed with: Analyse-it + General 1.63

Table A.48 **Comparative Descriptives**
Liner Background Comparison
Location: Uranium-235, BGURANIUM235

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
Uranium-235	15	0.125	0.0835	0.0216	0.079 to 0.171	0.100	0.095	0.070 to 0.220
BGURANIUM235	20	0.054	0.0205	0.0046	0.044 to 0.063	0.048	0.016	0.042 to 0.056

analysed with: Analyse-it + General 1.63

Table A.49 **Mann-Whitney Test**
Liner Background Comparison
Location: Uranium-235 ≥ BGURANIUM235

Date 10 December 2002

n	35

Location	n	Rank sum	Mean rank	U
Uranium-235	15	373.0	24.87	47.0
BGURANIUM235	20	257.0	12.85	253.0

Difference between medians	0.048	
95.2% CI	0.027 to +∞	(normal approximation)

Mann-Whitney U statistic	47	
1-tailed p	0.0003	(normal approximation, corrected for ties)

analysed with: Analyse-it + General 1.65

Independent Samples t-test

Liner Background Comparison

Location: lnU235 ≥ BGlnU235

10 December 2002

n	35

Location	n	Mean	SD	SE
lnU235	15	-2.298	0.725	0.1872
BGlnU235	20	-2.977	0.323	0.0722

Difference between means	0.679
95% CI	0.371 to +∞

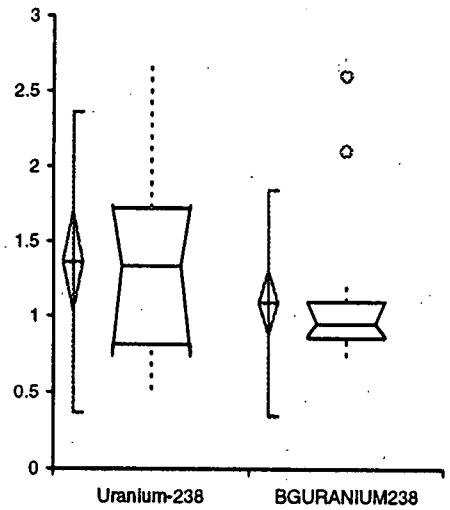
t statistic	3.74
1-tailed p	0.0004

648

Table A.51 **Comparative Descriptives**
Liner Background Comparison
Location: Uranium-238, BGURANIUM238

analysed with: Analyse-it + General 1.63

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
Uranium-238	15	1.362	0.6082	0.1570	1.025 to 1.699	1.340	0.900	0.740 to 1.740
BGURANIUM238	20	1.090	0.4556	0.1019	0.876 to 1.303	0.950	0.240	0.870 to 1.100

analysed with: Analyse-it + General 1.63

Table A.52 **Mann-Whitney Test**
Liner Background Comparison
Location: Uranium-238 ≥ BGURANIUM238

Date 10 December 2002

n	35

Location	n	Rank sum	Mean rank	U
Uranium-238	15	309.0	20.60	111.0
BGURANIUM238	20	321.0	16.05	189.0

Difference between medians	0.325	
95.2% CI	-0.080 to +∞	(normal approximation)

Mann-Whitney U statistic	111	
1-tailed p	0.0966	(normal approximation, corrected for ties)

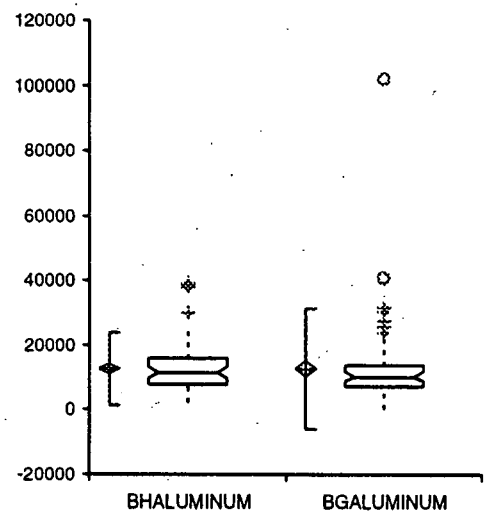
650

159

Table A.53 **Comparative Descriptives**
Borehole Background Comparison
Location: BHALUMINUM, BGALUMINUM

analysed with: Analyse-it + General 1.63

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
BHALUMINUM	102	12638.824	6909.2964	684.1223	11281.709 to 13995.94	11400.000	8147.500	9670.000 to 13200.00
BGALUMINUM	98	12712.796	11334.9551	1145.0034	10440.281 to 14985.31	10100.000	6550.000	8910.000 to 11800.00

analysed with: Analyse-it + General 1.63

Table A.54 **Mann-Whitney Test**
Borehole Background Comparison
Location: BHALUMINUM ≥ BGALUMINUM

Date 10 December 2002

n	200

Location	n	Rank sum	Mean rank	U
BHALUMINUM	102	10659.0	104.50	4590.0
BGALUMINUM	98	9441.0	96.34	5406.0

Difference between medians	770.000	
95.0% CI	-500.000 to +∞	(normal approximation)

Mann-Whitney U statistic	4590	
1-tailed p	0.1594	(normal approximation, corrected for ties)

652

Independent Samples t-test

Borehole Background Comparison
Location: BHInAl ≥ BGInAl

10 December 2002

n	200

Location	n	Mean	SD	SE
BHInAl	102	9.309	0.530	0.0525
BGInAl	98	9.237	0.671	0.0678

Difference between means	0.072
95% CI	-0.069 to +∞

t statistic	0.84
1-tailed p	0.1999

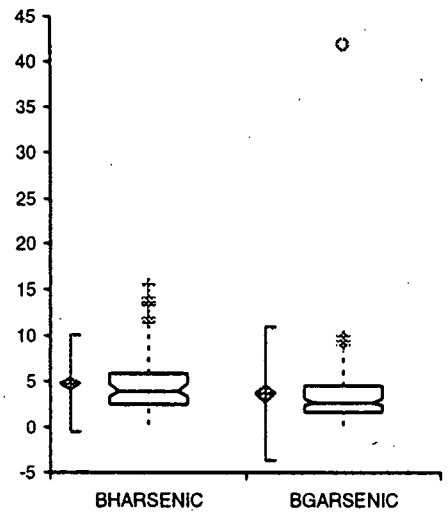
653

654

analysed with: Analyse-it + General 1.63

Table A.56 **Comparative Descriptives**
Borehole Background Comparison
Location: BHARSENIC, BGARSENIC

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
BHARSENIC	103	4.753	3.2149	0.3168	4.125 to 5.382	3.900	3.350	3.300 to 4.700
BGARSENIC	99	3.648	4.4213	0.4444	2.766 to 4.530	2.700	2.900	2.400 to 3.100

analysed with: Analyse-it + General 1.63

Table A.57 **Mann-Whitney Test**
Borehole Background Comparison
Location: BHARSENIC ≥ BGARSENIC

Date 10 December 2002

n	202

Location	n	Rank sum	Mean rank	U
BHARSENIC	103	11878.0	115.32	3675.0
BGARSENIC	99	8625.0	87.12	6522.0

Difference between medians	1.100	
95.0% CI	0.600 to +∞	(normal approximation)

Mann-Whitney U statistic	3675	
1-tailed p	0.0003	(normal approximation, corrected for ties)

655

analysed with: Analyse-it + General 1.65

Independent Samples t-test

Borehole Background Comparison

Location: BHInAs ≥ BGInAs

10 December 2002

n	202

Location	n	Mean	SD	SE
BHInAs	103	1.312	0.777	0.0765
BGInAs	99	0.974	0.787	0.0791

Difference between means	0.337
95% CI	0.156 to +∞

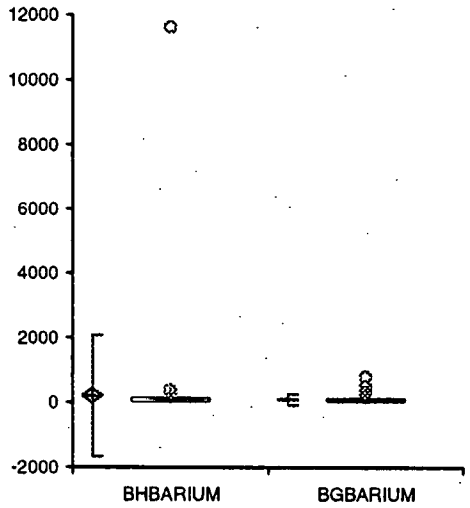
t statistic	3.07
1-tailed p	0.0012

656

Table A.59 **Comparative Descriptives**
Borehole Background Comparison
Location: BHBARIUM, BGBARIUM

analysed with: Analyse-it + General 1.63

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
BHBARIUM	102	210.599	1140.4741	112.9238	-13.412 to 434.609	84.700	75.575	73.700 to 100.000
BGBARIUM	99	96.119	96.6173	9.7104	76.849 to 115.389	73.100	63.750	61.200 to 86.400

analysed with: Analyse-it + General 1.63

Table A.60 **Mann-Whitney Test**
Borehole Background Comparison
Location: BHBARIUM ≥ BGBARIUM

Date 10 December 2002

n 201

Location	n	Rank sum	Mean rank	U
BHBARIUM	102	10917.5	107.03	4433.5
BGBARIUM	99	9383.5	94.78	5664.5

Difference between medians 10.000
95.0% CI -1.300 to +∞ (normal approximation)

Mann-Whitney U statistic 4433.5
1-tailed p 0.0677 (normal approximation, corrected for ties)

Independent Samples t-test

Borehole Background Comparison
Location: BHInBa ≥ BGInBa

4 January 1980

n	201

Location	n	Mean	SD	SE
BHInBa	102	4.445	0.802	0.0795
BGInBa	99	4.287	0.730	0.0734

Difference between means	0.158
95% CI	-0.021 to +∞

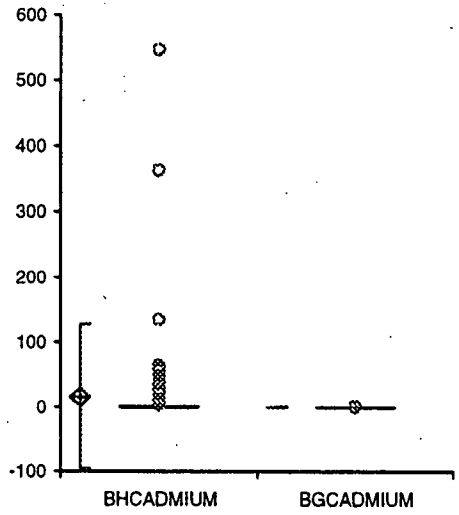
t statistic	1.46
1-tailed p	0.0732

660

analysed with: Analyse-it + General 1.63

Table A.62 **Comparative Descriptives**
Borehole Background Comparison
Location: BHCADMIUM, BGCADMIUM

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
BHCADMIUM	97	15.590	67.9277	6.8970	1.900 to 29.281	0.550	0.970	0.550 to 0.600
BGCADMIUM	81	0.583	0.2976	0.0331	0.517 to 0.648	0.550	0.100	0.550 to 0.550

analysed with: Analyse-it + General 1.63

Table A.63 **Mann-Whitney Test**
Borehole Background Comparison
Location: BHCADMIUM ≥ BGCADMIUM

Date 10 December 2002

n	178

Location	n	Rank sum	Mean rank	U
BHCADMIUM	97	9322.0	96.10	3288.0
BGCADMIUM	81	6609.0	81.59	4569.0

Difference between medians	0.050	
95.0% CI	0.000 to +∞	(normal approximation)

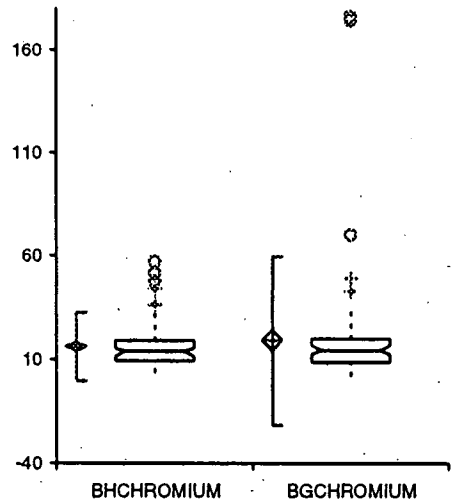
Mann-Whitney U statistic	3288	
1-tailed p	0.0284	(normal approximation, corrected for ties)

661

analysed with: Analyse-it + General 1.63

Table A.64 **Comparative Descriptives**
Borehole Background Comparison
Location: BHCHROMIUM, BGCHROMIUM

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
BHCHROMIUM	102	15.826	9.8532	0.9756	13.891 to 17.762	13.600	9.225	11.200 to 14.900
BGCHROMIUM	99	18.751	24.6554	2.4780	13.833 to 23.668	14.200	11.050	12.300 to 16.100

Table A.65 **Mann-Whitney Test**
Borehole Background Comparison
Location: BHCHROMIUM ≥ BGCHROMIUM

analysed with: Analyse-it + General 1.63

Date 10 December 2002

n	201

Location	n	Rank sum	Mean rank	U
BHCHROMIUM	102	10235.0	100.34	5116.0
BGCHROMIUM	99	10066.0	101.68	4982.0

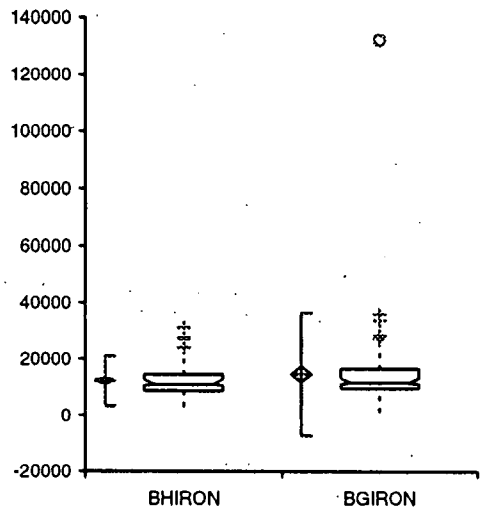
Difference between medians	-0.175	
95.0% CI	-2.000 to +∞	(normal approximation)

Mann-Whitney U statistic	5116	
1-tailed p	0.5645	(normal approximation, corrected for ties)

Table A.66 **Comparative Descriptives**
Borehole Background Comparison
Location: BHIRON, BGIRON

analysed with: Analyse-it + General 1.63

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
BHIRON	102	12160.882	5307.7078	525.5414	11118.350 to 13203.41	10950.000	5940.000	10500.000 to 12700.00
BGIRON	99	14531.980	13257.2705	1332.4058	11887.864 to 17176.10	11600.000	6955.000	10900.000 to 13100.00

analysed with: Analyse-it + General 1.63

Table A.67 **Mann-Whitney Test**
Borehole Background Comparison
Location: BHIRON ≥ BGIRON

Date 10 December 2002

n 201

Location	n	Rank sum	Mean rank	U
BHIRON	102	9635.5	94.47	5715.5
BGIRON	99	10665.5	107.73	4382.5

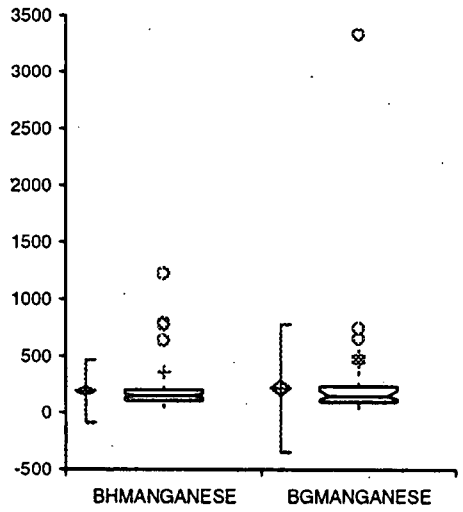
Difference between medians -1010.000
95.0% CI -2170.000 to +∞ (normal approximation)

Mann-Whitney U statistic 5715.5
1-tailed p 0.9470 (normal approximation, corrected for ties)

analysed with: Analyse-it + General 1.63

Table A.68 **Comparative Descriptives**
Borehole Background Comparison
Location: BHMANGANESE, BGMANGANESE

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
BHMANGANESE	102	187.240	168.7973	16.7134	154.085 to 220.395	149.000	96.000	130.000 to 164.000
BGMANGANESE	99	217.640	341.9622	34.3685	149.437 to 285.843	141.000	131.900	116.400 to 195.000

analysed with: Analyse-it + General 1.63

Table A.69 **Mann-Whitney Test**
Borehole Background Comparison
Location: BHMANGANESE ≥ BGMANGANESE

Date 10 December 2002

n	201

Location	n	Rank sum	Mean rank	U
BHMANGANESE	102	10193.0	99.93	5158.0
BGMANGANESE	99	10108.0	102.10	4940.0

Difference between medians	-3.000	
95.0% CI	-21.900 to +∞	(normal approximation)

Mann-Whitney U statistic	5158	
1-tailed p	0.6043	(normal approximation, corrected for ties)

667

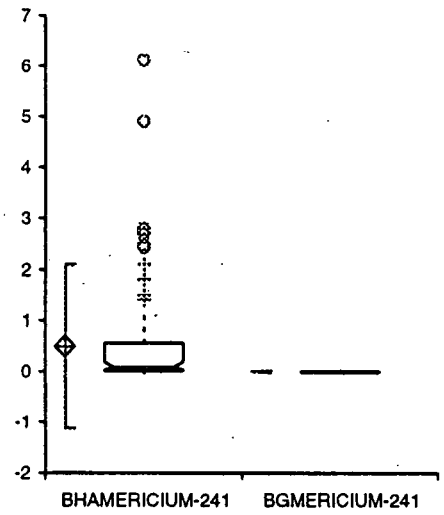
668

analysed with: Analyse-it + General 1.63

Table A.70 **Comparative Descriptives**

Location: BHAMERICIUM-241, BGMERICIUM-241

Date 10 December 2002



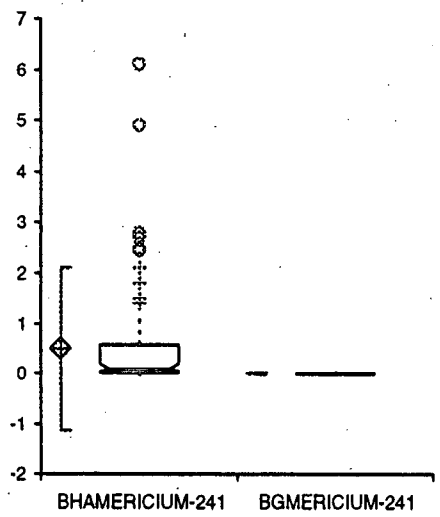
Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
BHAMERICIUM-241	95	0.484	0.9843	0.1010	0.283 to 0.684	0.070	0.551	0.020 to 0.170
BGMERICIUM-241	28	-0.002	0.0068	0.0013	-0.004 to 0.001	0.000	0.010	0.000 to 0

analysed with: Analyse-it + General 1.63

Table A.70 **Comparative Descriptives**

Location: BHAMERICIUM-241, BGMERICIUM-241

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
BHAMERICIUM-241	95	0.484	0.9843	0.1010	0.283 to 0.684	0.070	0.551	0.020 to 0.170
BGMERICIUM-241	28	-0.002	0.0068	0.0013	-0.004 to 0.001	0.000	0.010	0.000 to 0

analysed with: Analyse-it + General 1.63

Table A.71 **Mann-Whitney Test**

Location: BHAMERICIUM-241 ≥ BGMERICIUM-241

Date 10 December 2002

n 123

Location	n	Rank sum	Mean rank	U
BHAMERICIUM-241	95	6938.0	73.03	282.0
BGMERICIUM-241	28	688.0	24.57	2378.0

Difference between medians 0.070
95.0% CI 0.022 to +∞ (normal approximation)

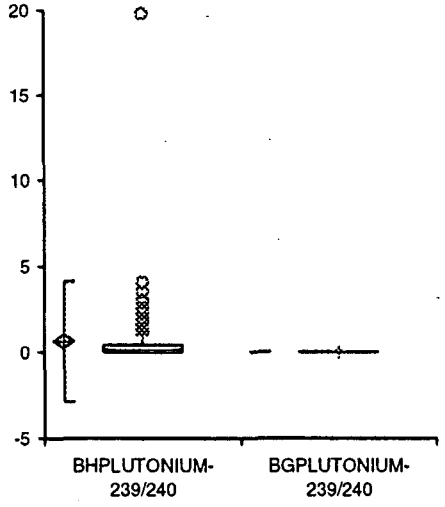
Mann-Whitney U statistic 282
1-tailed p <0.0001 (normal approximation, corrected for ties)

analysed with: Analyse-it + General 1.63

Table A.72 **Comparative Descriptives**

Location: BHPLUTONIUM-239/240, BGPLUTONIUM-239/240

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
BHPLUTONIUM-239/240	98	0.634	2.1131	0.2135	0.210 to 1.058	0.070	0.384	0.041 to 0.160
BGPLUTONIUM-239/240	99	0.004	0.0073	0.0007	0.002 to 0.005	0.000	0.010	0.000 to 0

analysed with: Analyse-it + General 1.63

Table A.73 **Mann-Whitney Test**

Location: BHPLUTONIUM-239/240 ≥ BGPLUTONIUM-239/240

Date 10 December 2002

n	197

Location	n	Rank sum	Mean rank	U
BHPLUTONIUM-239/240	98	12980.5	132.45	1572.5
BGPLUTONIUM-239/240	99	6522.5	65.88	8129.5

Difference between medians	0.060	
95.0% CI	0.043 to +∞	(normal approximation)

Mann-Whitney U statistic	1572.5	
1-tailed p	<0.0001	(normal approximation, corrected for ties)

672

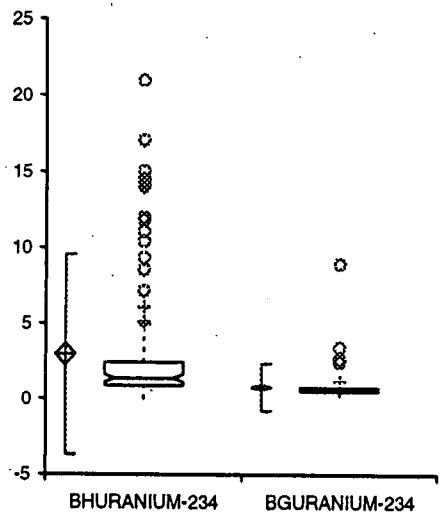
673

analysed with: Analyse-it + General 1.63

Table A.74 **Comparative Descriptives**

Location: BHURANIUM-234, BGURANIUM-234

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
BHURANIUM-234	118	2.920	4.0218	0.3702	2.187 to 3.653	1.350	1.504	1.100 to 1.600
BGURANIUM-234	99	0.779	0.9323	0.0937	0.593 to 0.965	0.600	0.275	0.550 to 0.700

analysed with: Analyse-it + General 1.63

Table A.75 | **Mann-Whitney Test**

Location: BHURANIUM-234 ≥ BGURANIUM-234

Date | 10 December 2002

n	217

Location	n	Rank sum	Mean rank	U
BHURANIUM-234	118	17017.0	144.21	1686.0
BGURANIUM-234	99	6636.0	67.03	9996.0

Difference between medians	0.700	
95.0% CI	0.526 to +∞	(normal approximation)

Mann-Whitney U statistic	1686	
1-tailed p	<0.0001	(normal approximation, corrected for ties)

674

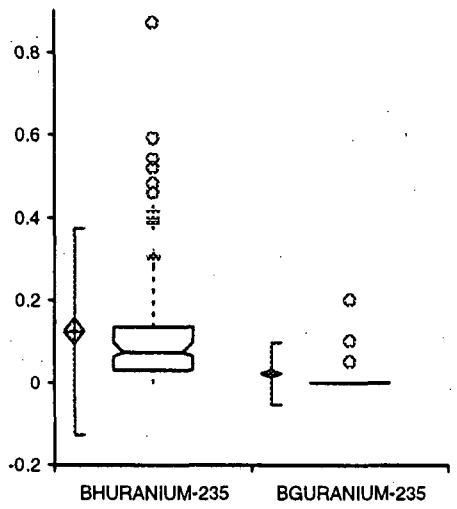
675

analysed with: Analyse-it + General 1.63

Table A.76 **Comparative Descriptives**

Location: BHURANIUM-235, BGURANIUM-235

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
BHURANIUM-235	99	0.125	0.1523	0.0153	0.094 to 0.155	0.074	0.104	0.062 to 0.097
BGURANIUM-235	99	0.022	0.0458	0.0046	0.013 to 0.031	0.000	0.000	0.000 to 0

analysed with: Analyse-it + General 1.63

Table A.77 | **Mann-Whitney Test**

Location: BHURANIUM-235 ≥ BGURANIUM-235

Date | 10 December 2002

n	198

Location	n	Rank sum	Mean rank	U
BHURANIUM-235	99	13076.5	132.09	1674.5
BGURANIUM-235	99	6624.5	66.91	8126.5

Difference between medians	0.063	
95.0% CI	0.053 to +∞	(normal approximation)

Mann-Whitney U statistic	1674.5	
1-tailed p	<0.0001	(normal approximation, corrected for ties)

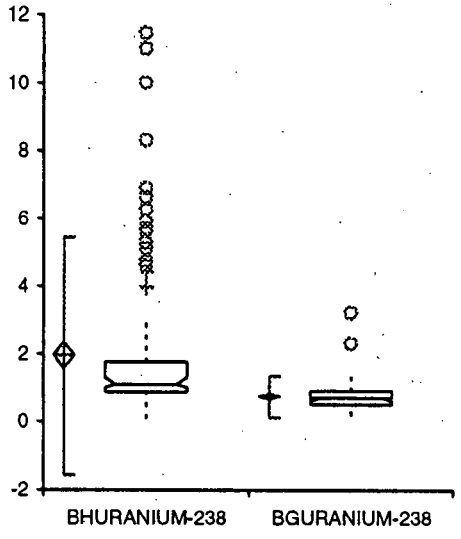
676

analysed with: Analyse-it + General 1.63

Table A.78 **Comparative Descriptives**

Location: BHURANIUM-238, BGURANIUM-238

Date 10 December 2002



Location	n	Mean	SD	SE	95% CI of Mean	Median	IQR	95% CI of Median
BHURANIUM-238	118	1.948	2.1326	0.1963	1.559 to 2.337	1.102	0.903	1.000 to 1.300
BGURANIUM-238	99	0.733	0.3759	0.0378	0.658 to 0.808	0.700	0.400	0.600 to 0.700

analysed with: Analyse-it + General 1.63

Table A.79 | **Mann-Whitney Test**

Location: BHURANIUM-238 ≥ BGURANIUM-238

Date | 10 December 2002

n	217

Location	n	Rank sum	Mean rank	U
BHURANIUM-238	118	16668.5	141.26	2034.5
BGURANIUM-238	99	6984.5	70.55	9647.5

Difference between medians	0.500	
95.0% CI	0.400 to +∞	(normal approximation)

Mann-Whitney U statistic	2034.5	
1-tailed p	<0.0001	(normal approximation, corrected for ties)

Table A.80 SEP Analytes in Liner Material With No PRGs in ALF

Analyte	CAS Number	Mean	Min	Max	Total Samples	Detection Frequency %
Inorganics (mg/kg)						
Calcium	7440-70-2	1,833	832	2,660	15	100
Cesium	7440-46-2	2.06	0.43	7.70	15	80
Magnesium	7439-95-4	2,087	1,320	2,750	15	100
Potassium	7440-09-7	1,879	1,010	3,110	15	100
Sodium	7440-23-5	674	135	1,540	15	100
Thallium	7440-28-0	0.48	0.37	0.96	15	7
Titanium	7440-32-6	407	322	468	3	100
Radionuclides (pCi/g)						
Cesium-134	13967-70-9	0.18	0.02	0.25	12	100
Cesium-137	10045-97-3	0.12	0.07	0.17	12	100
Plutonium-238	13981-16-3	0.01	0.01	0.02	6	100
Strontium-89	14158-27-1	0.26	0.00	0.50	12	100
Strontium-90	10098-97-2	0.01	-0.10	0.20	12	100

Table A.81 SEP Analytes in Surface Soils With No PRGs in ALF

Analyte	CAS Number	Mean	Min	Max	Total Samples	Detection Frequency %
Inorganics (mg/kg)						
Calcium	7440-70-2	21691	109	248000	73	99
Cesium	7440-46-2	54.2	1.25	123.5	72	3
Magnesium	7439-95-4	2567	109	6500	73	99
Potassium	7440-09-7	2544	109	8310	73	99
Silicon	7440-21-3	3529	10.9	11300	61	98
Sodium	7440-23-5	525	46.7	3660	73	37
Thallium	7440-28-0	0.24	0.08	0.81	70	9
Titanium	7440-32-6	407	322	468	3	100
Organics (µg/kg)						
9-Octadecenoic Acid	112-80-1	740	640	840	2	100
1,3-Dioxolane	2916-31-6	320	320	320	1	100
1-Methyl Naphthalene	90-12-0	80	80	80	1	100
2,6-Di-Tert-Butyl-4-Methyl Phenol	128-37-0	205	190	220	2	100
3-Penten-2-One	625-33-2	6100	6100	6100	1	100
9,10-Anthraquinone	84-65-1	210	210	210	1	100
9-Hexadecenoic Acid	2091-29-4	2000	2000	2000	1	100
Benzo(ghi)Perylene	191-24-2	190	38	680	67	45
Carbazole	86-74-8	204	140	410	7	29
Heptane	2216-30-0	150	150	150	1	100
Hexatriacontane	630-06-8	650	650	650	2	50
N-Octacosane	630-02-4	2300	2300	2300	1	100
Nonacosane	630-03-5	1100	1100	1100	1	100
Octane	2216-34-4	190	190	190	1	100
O-Fluorophenol	367-12-4	1200	1200	1200	1	100
Palmitic Acid	57-10-3	833	260	1500	10	80
Pentadecane	629-62-9	170	170	170	1	100
Pentatriacontane	630-07-9	1800	1800	1800	1	100
Phenanthrene	85-01-8	282	37	2700	67	66
Propanoic Acid	594-61-6	1100	1100	1100	1	100
Tetratetracontane	7098-22-8	1667	1600	1700	3	67
Radionuclides (pCi/g)						
Cesium-134	13967-70-9	0.02	-0.239	0.15	55	18
Cesium-137	10045-97-3	0.15	-0.0323	0.79	67	40
Radium-226	13982-63-3	1.14	0.32	10.76	47	94
Radium-228	15262-20-1	1.77	0.49	16	51	94
Strontium-89,90	11-10-9	0.36	-0.16	1.5	63	63

Table A.82 SEP Subsurface Analytes With No PRGs in ALF

Analyte	CAS Number	Mean	Min	Max	Total Samples	Detection Frequency (%)
Inorganics (mg/kg)						
Calcium	7440-70-2	38,220	706	325,000	102	100
Magnesium	7439-95-4	2,587	703	6,460	102	100
Potassium	7440-09-7	2,711	66	21,100	103	92
Silicon	7440-21-3	2,608	360	14,000	55	98
Sodium	7440-23-5	1,466	101	10,200	102	61
Sulfide	18496-25-8	5.5	1	18.6	61	8
Thallium	7440-28-0	0.28	0.024	1.25	98	4
Titanium	7440-32-6	258	118	464	7	100
Organics (ug/kg)						
1,2,3-Trimethylbenzene	526-73-8	700	700	700	1	100
1-Octanol	111-87-5	600	600	600	1	100
2-Pentanone	123-42-2	77,143	10,000	100,000	7	86
Ethyl Acetate	141-78-6	1,000	1,000	1,000	1	100
Lauric Diathanolamide	120-40-1	5,125	1,000	8,000	8	100
Myristic Acid	544-63-8	900	900	900	1	100
N-Dodecane	112-40-3	1,260	300	2,000	5	80
N-Hexadecane	544-76-3	700	400	1,000	2	100
N-Tetradecane	629-59-4	2,750	2,000	3,000	4	75
N-Undecane	1120-21-4	1,667	1,000	2,000	3	100
Octametylcylotetrasiloxane	556-67-2	1,567	400	2,000	6	83
Palmitic Acid	57-10-3	290	290	290	1	100
Pentadecane	629-62-9	1,350	300	2000	6	83
Phenanthrene	85-01-8	211	25	395	27	11
Sec-Octylbromide	557-35-7	2,000	2,000	2000	1	100
Tridecane	629-50-5	4,000	4,000	4000	1	100
Undecane	17301-23-4	1,000	1,000	1000	1	100
Radionuclides (pCi/g)						
Cesium-134	13967-70-9	0.04	-0.04	0.15	61	34
Cesium-137	10045-97-3	0.03	-0.018	0.42	82	11
Radium-226	13982-63-3	1.57	0.48	9.28	73	96
Radium-228	15262-20-1	1.53	0.644	3.9	77	95
Strontium-89,90	11-10-9	0.18	-0.6	0.74	88	69
Strontium-90	10098-97-2	0.14	-0.5	2.6	11	9
Tritium	10028-17-8	0.81	0.58	3	18	72

Table A.83 Surface Soil Background Inorganic Data

Analyte	CAS NO	Location	Sample Number	Start Depth	End Depth	Units	Result	Censored Result	Detection Limit	Units	Lab Qualifier	Validation Qualifier
ALUMINUM	7429-90-5	SS105994	SS00111EG	0	2	IN	17100.00	17100.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS106194	SS00113EG	0	2	IN	15000.00	15000.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS105594	SS00107EG	0	2	IN	13900.00	13900.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS106294	SS00114EG	0	2	IN	13400.00	13400.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS106894	SS00120EG	0	2	IN	13100.00	13100.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS107294	SS00125EG	0	2	IN	12700.00	12700.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS106094	SS00112EG	0	2	IN	10800.00	10800.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS105694	SS00108EG	0	2	IN	10700.00	10700.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS106994	SS00121EG	0	2	IN	10700.00	10700.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS106794	SS00119EG	0	2	IN	10400.00	10400.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS107194	SS00123EG	0	2	IN	10300.00	10300.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS106394	SS00115EG	0	2	IN	9020.00	9020.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS106594	SS00117EG	0	2	IN	8480.00	8480.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS105894	SS00110EG	0	2	IN	8360.00	8360.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS106494	SS00116EG	0	2	IN	7770.00	7770.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS106694	SS00118EG	0	2	IN	7410.00	7410.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS105794	SS00109EG	0	2	IN	7340.00	7340.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS105394	SS00105EG	0	2	IN	7070.00	7070.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS107094	SS00122EG	0	2	IN	6450.00	6450.00	40.0	mg/Kg		V
ALUMINUM	7429-90-5	SS105494	SS00106EG	0	2	IN	4050.00	4050.00	40.0	mg/Kg		V
ARSENIC	7440-38-2	SS106894	SS00120EG	0	2	IN	9.60	9.60	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS106394	SS00115EG	0	2	IN	9.20	9.20	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS106594	SS00117EG	0	2	IN	8.70	8.70	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS106494	SS00116EG	0	2	IN	8.40	8.40	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS105994	SS00111EG	0	2	IN	8.30	8.30	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS106094	SS00112EG	0	2	IN	7.40	7.40	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS106794	SS00119EG	0	2	IN	6.30	6.30	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS107194	SS00123EG	0	2	IN	6.20	6.20	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS107294	SS00125EG	0	2	IN	6.10	6.10	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS106694	SS00118EG	0	2	IN	6.00	6.00	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS105894	SS00110EG	0	2	IN	5.80	5.80	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS106194	SS00113EG	0	2	IN	5.80	5.80	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS105594	SS00107EG	0	2	IN	5.30	5.30	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS107094	SS00122EG	0	2	IN	5.00	5.00	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS106994	SS00121EG	0	2	IN	4.90	4.90	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS105794	SS00109EG	0	2	IN	4.80	4.80	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS105694	SS00108EG	0	2	IN	4.40	4.40	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS106294	SS00114EG	0	2	IN	3.90	3.90	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS105394	SS00105EG	0	2	IN	3.30	3.30	2.0	mg/Kg		V
ARSENIC	7440-38-2	SS105494	SS00106EG	0	2	IN	2.30	2.30	2.0	mg/Kg		V
CADMIUM	7440-43-9	SS105594	SS00107EG	0	2	IN	2.30	2.30	1.0	mg/Kg		V
CADMIUM	7440-43-9	SS106094	SS00112EG	0	2	IN	1.00	1.00	1.0	mg/Kg	B	V
CADMIUM	7440-43-9	SS106394	SS00115EG	0	2	IN	1.00	1.00	1.0	mg/Kg	B	V
CADMIUM	7440-43-9	SS106794	SS00119EG	0	2	IN	0.98	0.98	1.0	mg/Kg	B	V
CADMIUM	7440-43-9	SS106894	SS00120EG	0	2	IN	0.85	0.85	1.0	mg/Kg	B	V
CADMIUM	7440-43-9	SS106594	SS00117EG	0	2	IN	0.84	0.84	1.0	mg/Kg	B	V
CADMIUM	7440-43-9	SS105694	SS00108EG	0	2	IN	0.77	0.77	1.0	mg/Kg	B	V
CADMIUM	7440-43-9	SS105894	SS00110EG	0	2	IN	0.73	0.73	1.0	mg/Kg	B	V
CADMIUM	7440-43-9	SS106494	SS00116EG	0	2	IN	0.73	0.73	1.0	mg/Kg	B	V
CADMIUM	7440-43-9	SS105794	SS00109EG	0	2	IN	0.71	0.71	1.0	mg/Kg	B	V
CADMIUM	7440-43-9	SS106694	SS00118EG	0	2	IN	0.71	0.71	1.0	mg/Kg	B	V
CADMIUM	7440-43-9	SS107094	SS00122EG	0	2	IN	0.68	0.68	1.0	mg/Kg	B	V
CADMIUM	7440-43-9	SS106994	SS00121EG	0	2	IN	0.67	0.34	1.0	mg/Kg	U	V
CADMIUM	7440-43-9	SS105994	SS00111EG	0	2	IN	0.67	0.67	1.0	mg/Kg	B	V
CADMIUM	7440-43-9	SS106294	SS00114EG	0	2	IN	0.65	0.33	1.0	mg/Kg	U	V
CADMIUM	7440-43-9	SS106194	SS00113EG	0	2	IN	0.63	0.32	1.0	mg/Kg	U	V
CADMIUM	7440-43-9	SS107194	SS00123EG	0	2	IN	0.62	0.31	1.0	mg/Kg	U	V
CADMIUM	7440-43-9	SS107294	SS00125EG	0	2	IN	0.61	0.31	1.0	mg/Kg	U	V
CADMIUM	7440-43-9	SS105394	SS00105EG	0	2	IN	0.59	0.30	1.0	mg/Kg	U	V
CADMIUM	7440-43-9	SS105494	SS00106EG	0	2	IN	0.59	0.30	1.0	mg/Kg	U	V
CHROMIUM	7440-47-3	SS105994	SS00111EG	0	2	IN	16.90	16.9	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS106194	SS00113EG	0	2	IN	14.80	14.8	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS105594	SS00107EG	0	2	IN	14.10	14.1	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS106294	SS00114EG	0	2	IN	13.70	13.7	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS106894	SS00120EG	0	2	IN	13.50	13.5	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS107294	SS00125EG	0	2	IN	13.30	13.3	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS106394	SS00115EG	0	2	IN	12.10	12.1	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS107194	SS00123EG	0	2	IN	12.10	12.1	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS106094	SS00112EG	0	2	IN	11.90	11.9	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS106994	SS00121EG	0	2	IN	11.50	11.5	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS106794	SS00119EG	0	2	IN	11.30	11.3	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS105694	SS00108EG	0	2	IN	10.70	10.7	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS106494	SS00116EG	0	2	IN	10.70	10.7	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS106594	SS00117EG	0	2	IN	10.50	10.5	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS106694	SS00118EG	0	2	IN	9.50	9.5	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS105894	SS00110EG	0	2	IN	9.00	9.0	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS105394	SS00105EG	0	2	IN	8.70	8.7	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS105794	SS00109EG	0	2	IN	7.50	7.5	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS107094	SS00122EG	0	2	IN	7.50	7.5	2.0	mg/Kg		V
CHROMIUM	7440-47-3	SS105494	SS00106EG	0	2	IN	5.50	5.5	2.0	mg/Kg		V
MANGANESE	7439-96-5	SS106994	SS00121EG	0	2	IN	357	357.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS106094	SS00112EG	0	2	IN	330	330.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS107194	SS00123EG	0	2	IN	313	313.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS105994	SS00111EG	0	2	IN	302	302.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS106894	SS00120EG	0	2	IN	294	294.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS106394	SS00115EG	0	2	IN	288	288.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS105394	SS00105EG	0	2	IN	273	273.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS107294	SS00125EG	0	2	IN	271	271.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS106594	SS00117EG	0	2	IN	231	231.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS107094	SS00122EG	0	2	IN	229	229.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS106494	SS00116EG	0	2	IN	228	228.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS106194	SS00113EG	0	2	IN	214	214.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS106694	SS00118EG	0	2	IN	212	212.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS105894	SS00110EG	0	2	IN	205	205.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS106794	SS00119EG	0	2	IN	196	196.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS105594	SS00107EG	0	2	IN	190	190.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS106294	SS00114EG	0	2	IN	176	176.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS105694	SS00108EG	0	2	IN	163	163.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS105494	SS00106EG	0	2	IN	141	141.00	3.0	mg/Kg		V
MANGANESE	7439-96-5	SS105794	SS00109EG	0	2	IN	129	129.00	3.0	mg/Kg		V

682

Table A.84 Surface Soil Background Radionuclide Data

Analyte	CAS NO.	Location	Sample Number	Start Depth	End Depth	Units	Result	Detection Limit	Units	Lab Qualifier	Validation Qualifier
AMERICIUM-241	14596-10-2	SS104194	SS00091EG	0	2	IN	0.008	0.010	pCi/g	U	V
AMERICIUM-241	14596-10-2	SS104294	SS00092EG	0	2	IN	0.019	0.010	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS104394	SS00094EG	0	2	IN	0.005	0.007	pCi/g	U	V
AMERICIUM-241	14596-10-2	SS104494	SS00095EG	0	2	IN	0.012	0.006	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS104594	SS00096EG	0	2	IN	0.007	0.010	pCi/g	U	V
AMERICIUM-241	14596-10-2	SS104694	SS00097EG	0	2	IN	0.014	0.008	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS104794	SS00098EG	0	2	IN	0.015	0.007	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS104894	SS00099EG	0	2	IN	0.009	0.009	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS104994	SS00100EG	0	2	IN	0.010	0.008	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS105094	SS00101EG	0	2	IN	0.018	0.008	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS105194	SS00102EG	0	2	IN	0.007	0.005	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS105294	SS00104EG	0	2	IN	0.012	0.010	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS107394	SS00126EG	0	2	IN	0.025	0.010	pCi/g		V
AMERICIUM-241	14596-10-2	SS107494	SS00127EG	0	2	IN	0.015	0.008	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS107594	SS00128EG	0	2	IN	0.019	0.007	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS107694	SS00129EG	0	2	IN	0.021	0.008	pCi/g		V
AMERICIUM-241	14596-10-2	SS107794	SS00130EG	0	2	IN	0.016	0.007	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS107894	SS00131EG	0	2	IN	0.010	0.010	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS107994	SS00132EG	0	2	IN	0.007	0.007	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS108094	SS00133EG	0	2	IN	0.019	0.007	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS108194	SS00134EG	0	2	IN	0.010	0.010	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS108294	SS00135EG	0	2	IN	0.023	0.010	pCi/g		V
AMERICIUM-241	14596-10-2	SS108394	SS00136EG	0	2	IN	0.004	0.010	pCi/g	U	V
AMERICIUM-241	14596-10-2	SS108494	SS00137EG	0	2	IN	0.015	0.005	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS108594	SS00138EG	0	2	IN	0.015	0.005	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS108694	SS00139EG	0	2	IN	0.017	0.005	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS108794	SS00140EG	0	2	IN	0.010	0.008	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS108894	SS00141EG	0	2	IN	0.005	0.010	pCi/g	U	V
AMERICIUM-241	14596-10-2	SS108994	SS00142EG	0	2	IN	0.006	0.005	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS109094	SS00143EG	0	2	IN	0.004	0.008	pCi/g	U	V
AMERICIUM-241	14596-10-2	SS109194	SS00144EG	0	2	IN	0.009	0.010	pCi/g	U	V
AMERICIUM-241	14596-10-2	SS109294	SS00146EG	0	2	IN	0.005	0.010	pCi/g	U	A
AMERICIUM-241	14596-10-2	SS109394	SS00147EG	0	2	IN	0.004	0.007	pCi/g	U	V
AMERICIUM-241	14596-10-2	SS109494	SS00148EG	0	2	IN	0.007	0.010	pCi/g	U	V
AMERICIUM-241	14596-10-2	SS109594	SS00149EG	0	2	IN	0.009	0.006	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS109694	SS00150EG	0	2	IN	0.013	0.006	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS109794	SS00151EG	0	2	IN	0.010	0.007	pCi/g	J	A
AMERICIUM-241	14596-10-2	SS109894	SS00152EG	0	2	IN	0.007	0.009	pCi/g	U	V
AMERICIUM-241	14596-10-2	SS109994	SS00153EG	0	2	IN	0.002	0.008	pCi/g	U	V
AMERICIUM-241	14596-10-2	SS110094	SS00154EG	0	2	IN	0.010	0.010	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS110194	SS00155EG	0	2	IN	0.006	0.007	pCi/g	U	V
AMERICIUM-241	14596-10-2	SS110294	SS00156EG	0	2	IN	0.002	0.006	pCi/g	U	V
AMERICIUM-241	14596-10-2	SS110394	SS00157EG	0	2	IN	0.002	0.008	pCi/g	U	V
AMERICIUM-241	14596-10-2	SS110494	SS00158EG	0	2	IN	0.009	0.006	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS110594	SS00159EG	0	2	IN	0.001	0.010	pCi/g	U	A
AMERICIUM-241	14596-10-2	SS110694	SS00160EG	0	2	IN	0.009	0.006	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS110794	SS00161EG	0	2	IN	0.014	0.008	pCi/g	J	V
AMERICIUM-241	14596-10-2	SS110894	SS00162EG	0	2	IN	0.009	0.010	pCi/g	U	V
AMERICIUM-241	14596-10-2	SS111094	SS00164EG	0	2	IN	0.009	0.009	pCi/g	J	A
AMERICIUM-241	14596-10-2	SS111194	SS00165EG	0	2	IN	0.009	0.010	pCi/g	U	V
PLUTONIUM-239/240	10-12-8	SS108794	SS00140EG	0	2	IN	0.032	0.007	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS104194	SS00091EG	0	2	IN	0.029	0.006	pCi/g	J	V
PLUTONIUM-239/240	10-12-8	SS104294	SS00092EG	0	2	IN	0.024	0.006	pCi/g	J	V
PLUTONIUM-239/240	10-12-8	SS104394	SS00094EG	0	2	IN	0.025	0.009	pCi/g	J	V
PLUTONIUM-239/240	10-12-8	SS104494	SS00095EG	0	2	IN	0.044	0.005	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS104594	SS00096EG	0	2	IN	0.024	0.005	pCi/g	J	V
PLUTONIUM-239/240	10-12-8	SS104694	SS00097EG	0	2	IN	0.076	0.010	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS104794	SS00098EG	0	2	IN	0.050	0.007	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS104894	SS00099EG	0	2	IN	0.037	0.007	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS104994	SS00100EG	0	2	IN	0.072	0.010	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS105094	SS00101EG	0	2	IN	0.041	0.010	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS105194	SS00102EG	0	2	IN	0.034	0.009	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS105294	SS00104EG	0	2	IN	0.052	0.006	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS107394	SS00126EG	0	2	IN	0.065	0.010	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS107494	SS00127EG	0	2	IN	0.044	0.002	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS107594	SS00128EG	0	2	IN	0.046	0.010	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS107694	SS00129EG	0	2	IN	0.050	0.010	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS107794	SS00130EG	0	2	IN	0.037	0.006	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS107894	SS00131EG	0	2	IN	0.035	0.009	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS107994	SS00132EG	0	2	IN	0.025	0.006	pCi/g	J	V
PLUTONIUM-239/240	10-12-8	SS108094	SS00133EG	0	2	IN	0.075	0.009	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS108194	SS00134EG	0	2	IN	0.040	0.006	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS108294	SS00135EG	0	2	IN	0.054	0.008	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS108394	SS00136EG	0	2	IN	0.026	0.010	pCi/g	J	V
PLUTONIUM-239/240	10-12-8	SS108494	SS00137EG	0	2	IN	0.038	0.010	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS108594	SS00138EG	0	2	IN	0.067	0.010	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS108694	SS00139EG	0	2	IN	0.035	0.010	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS108894	SS00141EG	0	2	IN	0.023	0.007	pCi/g	J	V
PLUTONIUM-239/240	10-12-8	SS108994	SS00142EG	0	2	IN	0.026	0.008	pCi/g	J	V
PLUTONIUM-239/240	10-12-8	SS109094	SS00143EG	0	2	IN	0.033	0.010	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS109194	SS00144EG	0	2	IN	0.029	0.009	pCi/g	J	V

Table A.84 Surface Soil Background Radionuclide Data

Analyte	CAS NO	Location	Sample Number	Start Depth	End Depth	Units	Result	Detection Limit	Units	Lab Qualifier	Validation Qualifier
PLUTONIUM-239/240	10-12-8	SS109294	SS00146EG	0	2	IN	0.027	0.006	pCi/g	J	V
PLUTONIUM-239/240	10-12-8	SS109394	SS00147EG	0	2	IN	0.022	0.009	pCi/g	J	V
PLUTONIUM-239/240	10-12-8	SS109494	SS00148EG	0	2	IN	0.046	0.005	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS109594	SS00149EG	0	2	IN	0.031	0.007	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS109694	SS00150EG	0	2	IN	0.036	0.005	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS109794	SS00151EG	0	2	IN	0.033	0.010	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS109894	SS00152EG	0	2	IN	0.031	0.006	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS109994	SS00153EG	0	2	IN	0.063	0.006	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS110094	SS00154EG	0	2	IN	0.021	0.010	pCi/g	J	V
PLUTONIUM-239/240	10-12-8	SS110194	SS00155EG	0	2	IN	0.043	0.004	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS110294	SS00156EG	0	2	IN	0.018	0.005	pCi/g	J	V
PLUTONIUM-239/240	10-12-8	SS110394	SS00157EG	0	2	IN	0.034	0.004	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS110494	SS00158EG	0	2	IN	0.027	0.005	pCi/g	J	V
PLUTONIUM-239/240	10-12-8	SS110594	SS00159EG	0	2	IN	0.017	0.009	pCi/g	J	V
PLUTONIUM-239/240	10-12-8	SS110694	SS00160EG	0	2	IN	0.033	0.004	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS110794	SS00161EG	0	2	IN	0.055	0.007	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS110894	SS00162EG	0	2	IN	0.022	0.009	pCi/g	J	V
PLUTONIUM-239/240	10-12-8	SS111094	SS00164EG	0	2	IN	0.055	0.005	pCi/g		V
PLUTONIUM-239/240	10-12-8	SS111194	SS00165EG	0	2	IN	0.030	0.007	pCi/g		V
URANIUM-233,-234	11-08-5	SS105394	SS00105EG	0	2	IN	3.100	0.020	pCi/g		V
URANIUM-233,-234	11-08-5	SS105494	SS00106EG	0	2	IN	2.300	0.010	pCi/g		V
URANIUM-233,-234	11-08-5	SS105594	SS00107EG	0	2	IN	0.790	0.010	pCi/g		V
URANIUM-233,-234	11-08-5	SS105694	SS00108EG	0	2	IN	0.940	0.009	pCi/g		V
URANIUM-233,-234	11-08-5	SS105794	SS00109EG	0	2	IN	0.730	0.010	pCi/g		V
URANIUM-233,-234	11-08-5	SS105894	SS00110EG	0	2	IN	0.960	0.009	pCi/g		V
URANIUM-233,-234	11-08-5	SS105994	SS00111EG	0	2	IN	0.910	0.008	pCi/g		V
URANIUM-233,-234	11-08-5	SS106094	SS00112EG	0	2	IN	1.000	0.007	pCi/g		V
URANIUM-233,-234	11-08-5	SS106194	SS00113EG	0	2	IN	0.660	0.007	pCi/g		V
URANIUM-233,-234	11-08-5	SS106294	SS00114EG	0	2	IN	1.100	0.009	pCi/g		V
URANIUM-233,-234	11-08-5	SS106394	SS00115EG	0	2	IN	1.100	0.009	pCi/g		V
URANIUM-233,-234	11-08-5	SS106494	SS00116EG	0	2	IN	1.100	0.010	pCi/g		V
URANIUM-233,-234	11-08-5	SS106594	SS00117EG	0	2	IN	1.100	0.010	pCi/g		V
URANIUM-233,-234	11-08-5	SS106694	SS00118EG	0	2	IN	0.940	0.009	pCi/g		V
URANIUM-233,-234	11-08-5	SS106794	SS00119EG	0	2	IN	0.810	0.010	pCi/g		V
URANIUM-233,-234	11-08-5	SS106894	SS00120EG	0	2	IN	1.000	0.010	pCi/g		V
URANIUM-233,-234	11-08-5	SS106994	SS00121EG	0	2	IN	0.780	0.010	pCi/g		V
URANIUM-233,-234	11-08-5	SS107094	SS00122EG	0	2	IN	0.950	0.010	pCi/g		V
URANIUM-233,-234	11-08-5	SS107194	SS00123EG	0	2	IN	0.850	0.010	pCi/g		V
URANIUM-233,-234	11-08-5	SS107294	SS00125EG	0	2	IN	0.810	0.010	pCi/g		V
URANIUM-235	15117-96-1	SS105394	SS00105EG	0	2	IN	0.110	0.006	pCi/g	J	V
URANIUM-235	15117-96-1	SS105494	SS00106EG	0	2	IN	0.100	0.007	pCi/g	J	V
URANIUM-235	15117-96-1	SS105594	SS00107EG	0	2	IN	0.040	0.005	pCi/g	J	V
URANIUM-235	15117-96-1	SS105694	SS00108EG	0	2	IN	0.058	0.004	pCi/g	J	V
URANIUM-235	15117-96-1	SS105794	SS00109EG	0	2	IN	0.044	0.004	pCi/g	J	V
URANIUM-235	15117-96-1	SS105894	SS00110EG	0	2	IN	0.046	0.004	pCi/g	J	V
URANIUM-235	15117-96-1	SS105994	SS00111EG	0	2	IN	0.041	0.004	pCi/g	J	V
URANIUM-235	15117-96-1	SS106094	SS00112EG	0	2	IN	0.049	0.003	pCi/g	J	V
URANIUM-235	15117-96-1	SS106194	SS00113EG	0	2	IN	0.034	0.003	pCi/g	J	V
URANIUM-235	15117-96-1	SS106294	SS00114EG	0	2	IN	0.064	0.004	pCi/g	J	V
URANIUM-235	15117-96-1	SS106394	SS00115EG	0	2	IN	0.055	0.004	pCi/g	J	V
URANIUM-235	15117-96-1	SS106494	SS00116EG	0	2	IN	0.052	0.009	pCi/g	J	V
URANIUM-235	15117-96-1	SS106594	SS00117EG	0	2	IN	0.077	0.004	pCi/g	J	V
URANIUM-235	15117-96-1	SS106694	SS00118EG	0	2	IN	0.056	0.004	pCi/g	J	V
URANIUM-235	15117-96-1	SS106794	SS00119EG	0	2	IN	0.038	0.008	pCi/g	J	V
URANIUM-235	15117-96-1	SS106894	SS00120EG	0	2	IN	0.052	0.007	pCi/g	J	V
URANIUM-235	15117-96-1	SS106994	SS00121EG	0	2	IN	0.043	0.007	pCi/g	J	V
URANIUM-235	15117-96-1	SS107094	SS00122EG	0	2	IN	0.042	0.008	pCi/g	J	V
URANIUM-235	15117-96-1	SS107194	SS00123EG	0	2	IN	0.042	0.006	pCi/g	J	V
URANIUM-235	15117-96-1	SS107294	SS00125EG	0	2	IN	0.033	0.009	pCi/g	J	V
URANIUM-238	7440-61-1	SS105394	SS00105EG	0	2	IN	2.600	0.010	pCi/g		V
URANIUM-238	7440-61-1	SS105494	SS00106EG	0	2	IN	2.100	0.010	pCi/g		V
URANIUM-238	7440-61-1	SS105594	SS00107EG	0	2	IN	0.800	0.008	pCi/g		V
URANIUM-238	7440-61-1	SS105694	SS00108EG	0	2	IN	0.870	0.008	pCi/g		V
URANIUM-238	7440-61-1	SS105794	SS00109EG	0	2	IN	0.810	0.008	pCi/g		V
URANIUM-238	7440-61-1	SS105894	SS00110EG	0	2	IN	1.000	0.007	pCi/g		V
URANIUM-238	7440-61-1	SS105994	SS00111EG	0	2	IN	0.900	0.007	pCi/g		V
URANIUM-238	7440-61-1	SS106094	SS00112EG	0	2	IN	0.980	0.007	pCi/g		V
URANIUM-238	7440-61-1	SS106194	SS00113EG	0	2	IN	0.740	0.006	pCi/g		V
URANIUM-238	7440-61-1	SS106294	SS00114EG	0	2	IN	1.100	0.008	pCi/g		V
URANIUM-238	7440-61-1	SS106394	SS00115EG	0	2	IN	1.100	0.008	pCi/g		V
URANIUM-238	7440-61-1	SS106494	SS00116EG	0	2	IN	1.100	0.010	pCi/g		V
URANIUM-238	7440-61-1	SS106594	SS00117EG	0	2	IN	1.200	0.009	pCi/g		V
URANIUM-238	7440-61-1	SS106694	SS00118EG	0	2	IN	1.000	0.008	pCi/g		V
URANIUM-238	7440-61-1	SS106794	SS00119EG	0	2	IN	0.890	0.009	pCi/g		V
URANIUM-238	7440-61-1	SS106894	SS00120EG	0	2	IN	1.100	0.010	pCi/g		V
URANIUM-238	7440-61-1	SS106994	SS00121EG	0	2	IN	0.830	0.010	pCi/g		V
URANIUM-238	7440-61-1	SS107094	SS00122EG	0	2	IN	0.920	0.009	pCi/g		V
URANIUM-238	7440-61-1	SS107194	SS00123EG	0	2	IN	0.920	0.009	pCi/g		V
URANIUM-238	7440-61-1	SS107294	SS00125EG	0	2	IN	0.830	0.010	pCi/g		V

Table A.85 Subsurface Soil Background Inorganc Data

Analyte	Location	Sample	Result	Censored Result	Detection Limit	Units	Lab Qualifier	Validation Code	Geologic Unit	Flow Unit
ALUMINUM	B200589	BH05890913	7690	3845	40	MG/KG	U	V	RFA	UPPER
ALUMINUM	B200689	BH06892430	5770	5770	40	MG/KG	J	A	RFA	UPPER
ALUMINUM	B200889	BH08890608	5780	5780	40	MG/KG	J	A	RFA	UPPER
ALUMINUM	B201289	BH12890915	6600	6600	40	MG/KG	J	A	COL	UPPER
ALUMINUM	B201189	BH11890915	6950	6950	40	MG/KG	J	A	COL	UPPER
ALUMINUM	B201289	BH12890307	7110	7110	40	MG/KG	J	A	COL	UPPER
ALUMINUM	B200889	BH08891420	7170	7170	40	MG/KG	J	A	RFA	UPPER
ALUMINUM	B201289	BH12891521	7300	7300	40	MG/KG	J	A	COL	UPPER
ALUMINUM	B200989	BH09891620	7850	7850	40	MG/KG	J	A	RFA	UPPER
ALUMINUM	B200889	BH08890814	8320	8320	40	MG/KG	J	A	RFA	UPPER
ALUMINUM	B200689	BH06890410	8610	8610	47.9	MG/KG	J	A	RFA	UPPER
ALUMINUM	B200689	BH06891824	8910	8910	40	MG/KG	J	A	RFA	UPPER
ALUMINUM	B301889	BH15891521	10900	10900	40	MG/KG	J	A	COL	UPPER
ALUMINUM	B200889	BH08892022	12030	12030	40	MG/KG	J	A	RFA	UPPER
ALUMINUM	B301889	BH15890915	13100	13100	40	MG/KG	J	A	COL	UPPER
ALUMINUM	B200689	BH06891618	14100	14100	40	MG/KG	J	A	RFA	UPPER
ALUMINUM	B200889	BH08890106	16800	16800	40	MG/KG	J	A	RFA	UPPER
ALUMINUM	B200689	BH06890104	20000	20000	40	MG/KG	J	A	RFA	UPPER
ALUMINUM	B200889	BH08890003	14900	14900	40	MG/KG	E		RFA	UPPER
ALUMINUM	B200989	BH09890003	16100	16100	40	MG/KG	E		RFA	UPPER
ALUMINUM	B200789	BH07890003	19300	19300	40	MG/KG	E		RFA	UPPER
ALUMINUM	B400289	BH02890915	20400	20400	40	MG/KG	E		RFA	UPPER
ALUMINUM	B200789	BH07891824	279	279	40	MG/KG		V	RFA	UPPER
ALUMINUM	B400489	BH04894652	2240	2240	46.2	MG/KG		A	RFA	UPPER
ALUMINUM	B400489	BH04894046	3540	3540	50.1	MG/KG		A	RFA	UPPER
ALUMINUM	B400489	BH04895254	4130	4130	46	MG/KG		A	RFA	UPPER
ALUMINUM	B301889	BH15890003	4300	4300	49.5	MG/KG			COL	UPPER
ALUMINUM	B201189	BH11892733	4850	4850	40	MG/KG		V	COL	UPPER
ALUMINUM	B201189	BH11891521	5465	5465	40	MG/KG		V	COL	UPPER
ALUMINUM	B200589	BH05891723	5510	5510	40	MG/KG		V	RFA	UPPER
ALUMINUM	B201189	BH11892127	5540	5540	40	MG/KG		V	COL	UPPER
ALUMINUM	B200589	BH05892530	5640	5640	40	MG/KG		V	RFA	UPPER
ALUMINUM	B201189	BH11890003	5860	5860	47	MG/KG			COL	UPPER
ALUMINUM	B200989	BH09891016	6025	6025	40	MG/KG		V	RFA	UPPER
ALUMINUM	B201189	BH11890309	6075	6075	40	MG/KG		V	COL	UPPER
ALUMINUM	B200789	BH07891218	6470	6470	40	MG/KG		V	RFA	UPPER
ALUMINUM	B200789	BH07892426	6680	6680	40	MG/KG		V	RFA	UPPER
ALUMINUM	B200589	BH05892325	7130	7130	40	MG/KG		V	RFA	UPPER
ALUMINUM	B400389	BH03892733	7200	7200	40	MG/KG		V	RFA	UPPER
ALUMINUM	B200789	BH07890612	7400	7400	40	MG/KG		V	RFA	UPPER
ALUMINUM	B400389	BH03890003	8005	8005	40	MG/KG		V	RFA	UPPER
ALUMINUM	B201589	BH14890307	8230	8230	40	MG/KG		V	COL	UPPER
ALUMINUM	B402189	BH18890003	8270	8270	40	MG/KG		V	COL	UPPER
ALUMINUM	B201489	BH13890307	8390	8390	40	MG/KG		V	COL	UPPER
ALUMINUM	B400289	BH02893642	8420	8420	40	MG/KG		V	RFA	UPPER
ALUMINUM	B200689	BH06891016	8640	8640	43.3	MG/KG			RFA	UPPER
ALUMINUM	B400489	BH04892733	8790	8790	42.3	MG/KG			RFA	UPPER
ALUMINUM	B400389	BH03894548	8880	8880	42.3	MG/KG			RFA	UPPER
ALUMINUM	B401989	BH16891519	8910	8910	40	MG/KG		V	COL	UPPER
ALUMINUM	B400389	BH03890309	8980	8980	40	MG/KG		V	RFA	UPPER
ALUMINUM	B400489	BH04890003	9010	9010	40	MG/KG		V	RFA	UPPER
ALUMINUM	B400389	BH03892127	9190	9190	40	MG/KG		V	RFA	UPPER
ALUMINUM	B400389	BH03893339	9230	9230	40	MG/KG		V	RFA	UPPER
ALUMINUM	B302089	BH17890306	9770	9770	40	MG/KG		V	COL	UPPER
ALUMINUM	B201589	BH14890003	9840	9840	44.2	MG/KG			COL	UPPER
ALUMINUM	B200589	BH05890308	9900	9900	40	MG/KG		V	RFA	UPPER
ALUMINUM	B400389	BH03891521	9920	9920	40	MG/KG		V	RFA	UPPER
ALUMINUM	B405189	BH01893844	9950	9950	40	MG/KG		V	WCS	UPPER
ALUMINUM	B400489	BH04893840	10000	10000	60.4	MG/KG		A	RFA	UPPER
ALUMINUM	B400289	BH02890003	10200	10200	40	MG/KG		V	RFA	UPPER
ALUMINUM	B400489	BH04891521	10200	10200	40	MG/KG		V	RFA	UPPER
ALUMINUM	B405189	BH01894448	10300	10300	40	MG/KG		V	WCS	UPPER
ALUMINUM	B400489	BH04892127	10500	10500	40	MG/KG		V	RFA	UPPER
ALUMINUM	B400489	BH04890915	10700	10700	40	MG/KG		V	RFA	UPPER
ALUMINUM	B402189	BH18890307	10800	10800	40	MG/KG		V	COL	UPPER
ALUMINUM	B400489	BH04893335	10900	10900	55.3	MG/KG		A	RFA	UPPER
ALUMINUM	B201289	BH12890003	11000	11000	48.1	MG/KG			COL	UPPER
ALUMINUM	B400289	BH02892130	11650	11650	40	MG/KG		V	RFA	UPPER
ALUMINUM	B400389	BH03890915	11800	11800	40	MG/KG		V	RFA	UPPER
ALUMINUM	B405189	BH01891521	11900	11900	40	MG/KG		V	WCS	UPPER
ALUMINUM	B405189	BH01893036	11900	11900	40	MG/KG		V	WCS	UPPER
ALUMINUM	B405189	BH01890309	12100	12100	40	MG/KG		V	WCS	UPPER
ALUMINUM	B200989	BH09890410	12200	12200	40	MG/KG		V	RFA	UPPER
ALUMINUM	B301889	BH15890309	12300	12300	40	MG/KG		A	COL	UPPER
ALUMINUM	B200589	BH05891317	12300	12300	40	MG/KG		V	RFA	UPPER
ALUMINUM	B400289	BH02893036	12300	12300	40	MG/KG		V	RFA	UPPER
ALUMINUM	B400489	BH04890309	12300	12300	40	MG/KG		V	RFA	UPPER

685

Table A.85 Subsurface Soil Background Inorganc Data

Analyte	Location	Sample	Result	Censored Result	Detection Limit	Units	Lab Qualifier	Validation Code	Geologic Unit	Hydro Flow Unit
ALUMINUM	B400289	BH02891521	13000	13000	44.9	MG/KG			RFA	UPPER
ALUMINUM	B405189	BH01892127	13400	13400	40	MG/KG		V	WCS	UPPER
ALUMINUM	B201489	BH13890003	13800	13800	43.2	MG/KG			COL	UPPER
ALUMINUM	B401989	BH16890915	14900	14900	40	MG/KG		V	COL	UPPER
ALUMINUM	B401989	BH16890309	16100	16100	40	MG/KG		V	COL	UPPER
ALUMINUM	B400289	BH02890309	16600	16600	40	MG/KG		V	RFA	UPPER
ALUMINUM	B201089	BH10890106	17300	17300	40	MG/KG		V	COL	UPPER
ALUMINUM	B302089	BH17890003	17800	17800	48.2	MG/KG			COL	UPPER
ALUMINUM	B400389	BH03893945	18500	18500	40	MG/KG		V	RFA	UPPER
ALUMINUM	B400489	BH04893538	19000	19000	96.8	MG/KG		A	RFA	UPPER
ALUMINUM	B405189	BH01893638	20000	20000	40	MG/KG		V	WCS	UPPER
ALUMINUM	B401989	BH16890003	20800	20800	48.4	MG/KG			COL	UPPER
ALUMINUM	B201089	BH10890003	22900	22900	40	MG/KG		V	COL	UPPER
ALUMINUM	B405189	BH01890915	23900	23900	40	MG/KG		V	WCS	UPPER
ALUMINUM	B200589	BH05890003	25800	25800	52.2	MG/KG			RFA	UPPER
ALUMINUM	B200589	BH05890003F	25800	25800	52.2	MG/KG			RFA	UPPER
ALUMINUM	B200789	BH07890306	27600	27600	40	MG/KG		V	RFA	UPPER
ALUMINUM	B200689	BH06890003	30300	30300	484	MG/KG			RFA	UPPER
ALUMINUM	B200789	BH07890103	31800	31800	504	MG/KG			RFA	UPPER
ALUMINUM	B200989	BH09890104	40700	40700	40	MG/KG		E	RFA	UPPER
ALUMINUM	B400289	BH02894248	102000	102000	40	MG/KG		V	RFA	UPPER
ARSENIC	B201089	BH10890106	1	0.5	2	MG/KG	UJ	A	COL	UPPER
ARSENIC	B301889	BH15890309	5.5	2.75	2	MG/KG	UJ	A	COL	UPPER
ARSENIC	B301889	BH15890915	5.8	2.9	2	MG/KG	UJ	A	COL	UPPER
ARSENIC	B200589	BH05892325	1.9	0.95	2	MG/KG	UJ	A	RFA	UPPER
ARSENIC	B200689	BH06891618	0.54	0.27	2	MG/KG	UJ	A	RFA	UPPER
ARSENIC	B200689	BH06891824	0.63	0.315	2	MG/KG	UJ	A	RFA	UPPER
ARSENIC	B200689	BH06890410	1.2	0.6	2	MG/KG	UJ	A	RFA	UPPER
ARSENIC	B200889	BH08891420	4.45	2.225	2	MG/KG	UJ	A	RFA	UPPER
ARSENIC	B200889	BH08890608	3.2	1.6	2	MG/KG	UJ	A	RFA	UPPER
ARSENIC	B200889	BH08892022	3.2	1.6	2	MG/KG	UJ	A	RFA	UPPER
ARSENIC	B200889	BH08890814	3.5	1.75	2	MG/KG	UJ	A	RFA	UPPER
ARSENIC	B200889	BH08890106	5.9	2.95	2	MG/KG	UJ	A	RFA	UPPER
ARSENIC	B400289	BH02893036	2.1	1.05	2	MG/KG	UJ	A	RFA	UPPER
ARSENIC	B400389	BH03892733	1.2	0.6	2	MG/KG	UJ	A	RFA	UPPER
ARSENIC	B201189	BH11890915	1.85	0.925	2	MG/KG	U	V	COL	UPPER
ARSENIC	B201189	BH11892127	2	1	2	MG/KG	U	V	COL	UPPER
ARSENIC	B201589	BH14890003	2.3	1.15	2.3	MG/KG	U		COL	UPPER
ARSENIC	B401989	BH16890915	2.2	1.1	2	MG/KG	U	V	COL	UPPER
ARSENIC	B200689	BH06891016	2.2	1.1	2.2	MG/KG	U		RFA	UPPER
ARSENIC	B200789	BH07892426	2	1	2	MG/KG	U	V	RFA	UPPER
ARSENIC	B400289	BH02891521	1.95	0.975	2.1	MG/KG	U		RFA	UPPER
ARSENIC	B400289	BH02894248	17.9	8.95	2	MG/KG	U	V	RFA	UPPER
ARSENIC	B400489	BH04891521	2.45	1.225	2	MG/KG	U	V	RFA	UPPER
ARSENIC	B400489	BH04894046	2.4	1.2	2.4	MG/KG	U	A	RFA	UPPER
ARSENIC	B400489	BH04894652	2.4	1.2	2.4	MG/KG	U	A	RFA	UPPER
ARSENIC	B400489	BH04895254	2.4	1.2	2.4	MG/KG	U	A	RFA	UPPER
ARSENIC	B400489	BH04893335	2.8	1.4	2.8	MG/KG	U	A	RFA	UPPER
ARSENIC	B400489	BH04893840	2.9	1.45	2.9	MG/KG	U	A	RFA	UPPER
ARSENIC	B400489	BH04893538	4.9	2.45	4.9	MG/KG	U	A	RFA	UPPER
ARSENIC	B201089	BH10890003	5.2	5.2	2	MG/KG	J	A	COL	UPPER
ARSENIC	B201289	BH12890307	2.3	2.3	2	MG/KG	J	A	COL	UPPER
ARSENIC	B201289	BH12890915	2.4	2.4	2	MG/KG	J	A	COL	UPPER
ARSENIC	B201289	BH12891521	2.6	2.6	2	MG/KG	J	A	COL	UPPER
ARSENIC	B201489	BH13890307	2.4	2.4	2	MG/KG	J	A	COL	UPPER
ARSENIC	B301889	BH15891521	6.6	6.6	2	MG/KG	J	A	COL	UPPER
ARSENIC	B302089	BH17890306	3.7	3.7	2	MG/KG	J	A	COL	UPPER
ARSENIC	B402189	BH18890003	4.7	4.7	2	MG/KG	J	A	COL	UPPER
ARSENIC	B402189	BH18890307	4.8	4.8	2	MG/KG	J	A	COL	UPPER
ARSENIC	B200589	BH05891317	2.23	2.23	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B200589	BH05891723	0.92	0.92	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B200589	BH05890308	4	4	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B200589	BH05890913	7.3	7.3	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B200589	BH05892530	1.7	1.7	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B200689	BH06892430	2.6	2.6	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B200689	BH06890104	41.8	41.8	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B200789	BH07890612	2.6	2.6	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B200789	BH07891824	2.7	2.7	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B200789	BH07890003	6.5	6.5	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B200889	BH08890003	5.9	5.9	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B200989	BH09890410	1.2	1.2	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B200989	BH09891620	1.8	1.8	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B200989	BH09891016	4	4	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B200989	BH09890104	8	8	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B200989	BH09890003	8.1	8.1	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B400289	BH02892130	2.7	2.7	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B400389	BH03893339	2.7	2.7	2	MG/KG	J	A	RFA	UPPER

Table A.85 Subsurface Soil Background Inorganc Data

Analyte	Location	Sample	Result	Censored Result	Detection Limit	Units	Lab Qualifier	Validation Code	Geologic Unit	Flow Unit
ARSENIC	B400389	BH03892127	1.9	1.9	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B400389	BH03891521	2.3	2.3	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B400389	BH03890915	2.5	2.5	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B400389	BH03890309	3.1	3.1	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B400389	BH03890003	5	5	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B400389	BH03893945	4.3	4.3	2	MG/KG	J	A	RFA	UPPER
ARSENIC	B405189	BH01892127	2.2	2.2	2	MG/KG	J	A	WCS	UPPER
ARSENIC	B405189	BH01890309	3.5	3.5	2	MG/KG	J	A	WCS	UPPER
ARSENIC	B405189	BH01890003	4	4	2	MG/KG	J	A	WCS	UPPER
ARSENIC	B405189	BH01890915	4.3	4.3	2	MG/KG	J	A	WCS	UPPER
ARSENIC	B405189	BH01893638	1.8	1.8	2	MG/KG	J	A	WCS	UPPER
ARSENIC	B405189	BH01893844	2.7	2.7	2	MG/KG	J	A	WCS	UPPER
ARSENIC	B405189	BH01893036	3	3	2	MG/KG	J	A	WCS	UPPER
ARSENIC	B405189	BH01894448	5.3	5.3	2	MG/KG	J	A	WCS	UPPER
ARSENIC	B201589	BH14890307	1.7	1.7	2	MG/KG	B	V	COL	UPPER
ARSENIC	B201189	BH11892733	2.8	2.8	2	MG/KG		V	COL	UPPER
ARSENIC	B201189	BH11890003	3.1	3.1	2.4	MG/KG			COL	UPPER
ARSENIC	B201189	BH11891521	5.2	5.2	2	MG/KG		V	COL	UPPER
ARSENIC	B201189	BH11890309	6.5	6.5	2	MG/KG		V	COL	UPPER
ARSENIC	B201289	BH12890003	3.2	3.2	2.4	MG/KG			COL	UPPER
ARSENIC	B201489	BH13890003	4.1	4.1	2.1	MG/KG			COL	UPPER
ARSENIC	B301889	BH15890003	5	5	2.5	MG/KG			COL	UPPER
ARSENIC	B302089	BH17890003	5.1	5.1	2.4	MG/KG			COL	UPPER
ARSENIC	B401989	BH16890309	3.2	3.2	2	MG/KG		V	COL	UPPER
ARSENIC	B401989	BH16891519	3.4	3.4	2	MG/KG		V	COL	UPPER
ARSENIC	B401989	BH16890003	4.8	4.8	2.4	MG/KG			COL	UPPER
ARSENIC	B200589	BH05890003	6	6	2.6	MG/KG			RFA	UPPER
ARSENIC	B200589	BH05890003F	6	6	2.6	MG/KG			RFA	UPPER
ARSENIC	B200689	BH06890003	4.4	4.4	2.5	MG/KG			RFA	UPPER
ARSENIC	B200789	BH07891218	3.1	3.1	2	MG/KG		V	RFA	UPPER
ARSENIC	B200789	BH07890306	4.1	4.1	2	MG/KG		V	RFA	UPPER
ARSENIC	B200789	BH07890103	10	10	2.4	MG/KG			RFA	UPPER
ARSENIC	B400289	BH02890915	4.8	4.8	2	MG/KG		V	RFA	UPPER
ARSENIC	B400289	BH02890003	7.3	7.3	2	MG/KG		V	RFA	UPPER
ARSENIC	B400289	BH02890309	9.4	9.4	2	MG/KG		V	RFA	UPPER
ARSENIC	B400289	BH02893642	2.4	2.4	2	MG/KG		V	RFA	UPPER
ARSENIC	B400389	BH03894548	2.9	2.9	2.1	MG/KG			RFA	UPPER
ARSENIC	B400489	BH04892127	2.4	2.4	2	MG/KG		V	RFA	UPPER
ARSENIC	B400489	BH04890915	3.1	3.1	2	MG/KG		V	RFA	UPPER
ARSENIC	B400489	BH04890309	4.2	4.2	2	MG/KG		V	RFA	UPPER
ARSENIC	B400489	BH04890003	5.5	5.5	2	MG/KG		V	RFA	UPPER
ARSENIC	B400489	BH04892733	2.5	2.5	2.1	MG/KG			RFA	UPPER
ARSENIC	B405189	BH01891521	1.2	1.2	2	MG/KG		A	WCS	UPPER
BARIUM	B201189	BH11891521	46.95	23.475	40	MG/KG	U	V	COL	UPPER
BARIUM	B200789	BH07891824	25.8	12.9	40	MG/KG	U	V	RFA	UPPER
BARIUM	B200789	BH07892426	29.3	14.65	40	MG/KG	U	V	RFA	UPPER
BARIUM	B200789	BH07891218	38.8	19.4	40	MG/KG	U	V	RFA	UPPER
BARIUM	B400289	BH02890003	42.8	21.4	40	MG/KG	U	V	RFA	UPPER
BARIUM	B400389	BH03890003	33.95	16.975	40	MG/KG	U	V	RFA	UPPER
BARIUM	B400389	BH03890309	40.6	20.3	40	MG/KG	U	V	RFA	UPPER
BARIUM	B400489	BH04890003	46	23	40	MG/KG	U	V	RFA	UPPER
BARIUM	B400489	BH04894652	46.2	23.1	46.2	MG/KG	U	A	RFA	UPPER
BARIUM	B400489	BH04894046	50.1	25.05	50.1	MG/KG	U	A	RFA	UPPER
BARIUM	B405189	BH01890309	38.2	19.1	40	MG/KG	U	V	WCS	UPPER
BARIUM	B201289	BH12890307	69.2	69.2	40	MG/KG	J	A	COL	UPPER
BARIUM	B201289	BH12891521	73	73	40	MG/KG	J	A	COL	UPPER
BARIUM	B201289	BH12890915	102	102	40	MG/KG	J	A	COL	UPPER
BARIUM	B201489	BH13890307	100.55	100.55	40	MG/KG	J	A	COL	UPPER
BARIUM	B301889	BH15890915	115	115	40	MG/KG	J	A	COL	UPPER
BARIUM	B301889	BH15891521	122	122	40	MG/KG	J	A	COL	UPPER
BARIUM	B301889	BH15890309	250	250	40	MG/KG	J	A	COL	UPPER
BARIUM	B200589	BH05891723	31.5	31.5	40	MG/KG	J	V	RFA	UPPER
BARIUM	B200589	BH05890913	18.8	18.8	40	MG/KG	J	V	RFA	UPPER
BARIUM	B200589	BH05892325	46.8	46.8	40	MG/KG	J	V	RFA	UPPER
BARIUM	B200589	BH05892530	20	20	40	MG/KG	J	A	RFA	UPPER
BARIUM	B200889	BH08890608	114.4	114.4	40	MG/KG	J	A	RFA	UPPER
BARIUM	B200889	BH08891420	43.8	43.8	40	MG/KG	J	A	RFA	UPPER
BARIUM	B200889	BH08890814	49	49	40	MG/KG	J	A	RFA	UPPER
BARIUM	B200889	BH08892022	128	128	40	MG/KG	J	A	RFA	UPPER
BARIUM	B200889	BH08890106	148	148	40	MG/KG	J	A	RFA	UPPER
BARIUM	B200889	BH08890003	121	121	40	MG/KG	J	V	RFA	UPPER
BARIUM	B200989	BH09890003	124	124	40	MG/KG	J	V	RFA	UPPER
BARIUM	B405189	BH01893844	44.9	44.9	40	MG/KG	J	A	WCS	UPPER
BARIUM	B405189	BH01894448	59.8	59.8	40	MG/KG	J	A	WCS	UPPER
BARIUM	B405189	BH01893638	68.6	68.6	40	MG/KG	J	A	WCS	UPPER
BARIUM	B405189	BH01893036	83.2	83.2	40	MG/KG	J	A	WCS	UPPER
BARIUM	B201089	BH10890106	95.3	95.3	40	MG/KG		V	COL	UPPER

Table A.85 Subsurface Soil Background Inorganc Data

Analyte	Location	Sample	Result	Censored Result	Detection Limit	Units	Lab Qualifier	Validation Code	Geologic Unit	Flow Unit
BARIUM	B201089	BH10890003	101	101	40	MG/KG		V	COL	UPPER
BARIUM	B201189	BH11890003	73.2	73.2	47	MG/KG			COL	UPPER
BARIUM	B201189	BH11890309	86.4	86.4	40	MG/KG		V	COL	UPPER
BARIUM	B201189	BH11892733	96.4	96.4	40	MG/KG		V	COL	UPPER
BARIUM	B201189	BH11890915	114	114	40	MG/KG		V	COL	UPPER
BARIUM	B201189	BH11892127	124	124	40	MG/KG		V	COL	UPPER
BARIUM	B201289	BH12890003	189	189	48.1	MG/KG			COL	UPPER
BARIUM	B201489	BH13890003	99.7	99.7	43.2	MG/KG			COL	UPPER
BARIUM	B201589	BH14890307	60.9	60.9	40	MG/KG		V	COL	UPPER
BARIUM	B201589	BH14890003	86.3	86.3	44.2	MG/KG			COL	UPPER
BARIUM	B301889	BH15890003	171	171	49.5	MG/KG			COL	UPPER
BARIUM	B302089	BH17890306	94.7	94.7	40	MG/KG		V	COL	UPPER
BARIUM	B302089	BH17890003	313	313	48.2	MG/KG			COL	UPPER
BARIUM	B401989	BH16891519	58.1	58.1	40	MG/KG		V	COL	UPPER
BARIUM	B401989	BH16890915	129	129	40	MG/KG		V	COL	UPPER
BARIUM	B401989	BH16890309	257	257	40	MG/KG		V	COL	UPPER
BARIUM	B401989	BH16890003	491	491	48.4	MG/KG			COL	UPPER
BARIUM	B402189	BH18890003	102	102	40	MG/KG		V	COL	UPPER
BARIUM	B402189	BH18890307	109	109	40	MG/KG		V	COL	UPPER
BARIUM	B200589	BH05890308	48.4	48.4	40	MG/KG		V	RFA	UPPER
BARIUM	B200589	BH05891317	54.2	54.2	40	MG/KG		V	RFA	UPPER
BARIUM	B200589	BH05890003	137	137	52.2	MG/KG			RFA	UPPER
BARIUM	B200589	BH05890003F	137	137	52.2	MG/KG			RFA	UPPER
BARIUM	B200689	BH06891016	47	47	43.3	MG/KG			RFA	UPPER
BARIUM	B200689	BH06890410	54.6	54.6	40	MG/KG		V	RFA	UPPER
BARIUM	B200689	BH06892430	58.5	58.5	40	MG/KG		V	RFA	UPPER
BARIUM	B200689	BH06890104	76	76	40	MG/KG		V	RFA	UPPER
BARIUM	B200689	BH06891618	104	104	40	MG/KG		V	RFA	UPPER
BARIUM	B200689	BH06891824	120	120	40	MG/KG		V	RFA	UPPER
BARIUM	B200689	BH06890003	107	107	48.4	MG/KG			RFA	UPPER
BARIUM	B200789	BH07890612	46.5	46.5	40	MG/KG		V	RFA	UPPER
BARIUM	B200789	BH07890306	133	133	40	MG/KG		V	RFA	UPPER
BARIUM	B200789	BH07890103	195	195	50.4	MG/KG			RFA	UPPER
BARIUM	B200789	BH07890003	120	120	40	MG/KG		V	RFA	UPPER
BARIUM	B200989	BH09891016	38.7	38.7	40	MG/KG		V	RFA	UPPER
BARIUM	B200989	BH09891620	53.1	53.1	40	MG/KG		V	RFA	UPPER
BARIUM	B200989	BH09890410	57.9	57.9	40	MG/KG		V	RFA	UPPER
BARIUM	B200989	BH09890104	209	209	40	MG/KG		V	RFA	UPPER
BARIUM	B400289	BH02890309	68.9	68.9	40	MG/KG		V	RFA	UPPER
BARIUM	B400289	BH02890915	81.7	81.7	40	MG/KG		V	RFA	UPPER
BARIUM	B400289	BH02892130	49.85	49.85	40	MG/KG		V	RFA	UPPER
BARIUM	B400289	BH02891521	54.6	54.6	44.9	MG/KG			RFA	UPPER
BARIUM	B400289	BH02893642	60.5	60.5	40	MG/KG		V	RFA	UPPER
BARIUM	B400289	BH02893036	72.8	72.8	40	MG/KG		V	RFA	UPPER
BARIUM	B400289	BH02894248	777	777	40	MG/KG		V	RFA	UPPER
BARIUM	B400389	BH03892733	56.2	56.2	40	MG/KG		V	RFA	UPPER
BARIUM	B400389	BH03892127	50.8	50.8	40	MG/KG		V	RFA	UPPER
BARIUM	B400389	BH03891521	56.8	56.8	40	MG/KG		V	RFA	UPPER
BARIUM	B400389	BH03890915	60.9	60.9	40	MG/KG		V	RFA	UPPER
BARIUM	B400389	BH03893339	73.1	73.1	40	MG/KG		V	RFA	UPPER
BARIUM	B400389	BH03894548	73.2	73.2	42.3	MG/KG			RFA	UPPER
BARIUM	B400389	BH03893945	159	159	40	MG/KG		V	RFA	UPPER
BARIUM	B400489	BH04890309	50.4	50.4	40	MG/KG		V	RFA	UPPER
BARIUM	B400489	BH04890915	51.1	51.1	40	MG/KG		V	RFA	UPPER
BARIUM	B400489	BH04892127	71.9	71.9	40	MG/KG		V	RFA	UPPER
BARIUM	B400489	BH04891521	73.2	73.2	40	MG/KG		V	RFA	UPPER
BARIUM	B400489	BH04895254	64.3	64.3	46	MG/KG		A	RFA	UPPER
BARIUM	B400489	BH04893840	76.6	76.6	60.4	MG/KG		A	RFA	UPPER
BARIUM	B400489	BH04892733	85.5	85.5	42.3	MG/KG			RFA	UPPER
BARIUM	B400489	BH04893335	90.9	90.9	55.3	MG/KG		A	RFA	UPPER
BARIUM	B400489	BH04893538	148	148	96.8	MG/KG		A	RFA	UPPER
BARIUM	B405189	BH01890003	61.2	61.2	40	MG/KG		V	WCS	UPPER
BARIUM	B405189	BH01892127	61.7	61.7	40	MG/KG		V	WCS	UPPER
BARIUM	B405189	BH01891521	68.8	68.8	40	MG/KG		V	WCS	UPPER
BARIUM	B405189	BH01890915	116	116	40	MG/KG		V	WCS	UPPER
CADMIUM	B201089	BH10890106	1.1	0.55	1	MG/KG	UJ	A	COL	UPPER
CADMIUM	B201289	BH12890307	1.1	0.55	1	MG/KG	UJ	A	COL	UPPER
CADMIUM	B201289	BH12891521	1.2	0.6	1	MG/KG	UJ	A	COL	UPPER
CADMIUM	B301889	BH15891521	1.8	0.9	1	MG/KG	UJ	A	COL	UPPER
CADMIUM	B302089	BH17890306	0.59	0.295	1	MG/KG	UJ	A	COL	UPPER
CADMIUM	B401989	BH16890915	0.21	0.105	1	MG/KG	UJ	A	COL	UPPER
CADMIUM	B402189	BH18890003	0.2	0.1	1	MG/KG	UJ	A	COL	UPPER
CADMIUM	B402189	BH18890307	0.3	0.15	1	MG/KG	UJ	A	COL	UPPER
CADMIUM	B200689	BH06891824	1	0.5	1	MG/KG	UJ	A	RFA	UPPER
CADMIUM	B200689	BH06890104	1.1	0.55	1	MG/KG	UJ	A	RFA	UPPER
CADMIUM	B200689	BH06890410	1.1	0.55	1	MG/KG	UJ	A	RFA	UPPER
CADMIUM	B200689	BH06892430	1.1	0.55	1	MG/KG	UJ	A	RFA	UPPER

688

Table A.85 Subsurface Soil Background Inorganc Data

Analyte	Location	Sample	Result	Censored Result	Detection Limit	Units	Lab Qualifier	Validation Code	Geologic Unit	Flow Unit
CADMIUM	B200689	BH06891618	1.2	0.6	1	MG/KG	UJ	A	RFA	UPPER
CADMIUM	B200789	BH07890306	1	0.5	1	MG/KG	UJ	A	RFA	UPPER
CADMIUM	B200789	BH07891824	1	0.5	1	MG/KG	UJ	A	RFA	UPPER
CADMIUM	B200789	BH07892426	1.1	0.55	1	MG/KG	UJ	A	RFA	UPPER
CADMIUM	B200989	BH09891016	1.045	0.5225	1	MG/KG	UJ	A	RFA	UPPER
CADMIUM	B400289	BH02892130	0.18	0.09	1	MG/KG	UJ	A	RFA	UPPER
CADMIUM	B400289	BH02893036	0.18	0.09	1	MG/KG	UJ	A	RFA	UPPER
CADMIUM	B400289	BH02893642	0.18	0.09	1	MG/KG	UJ	A	RFA	UPPER
CADMIUM	B400289	BH02894248	2.3	1.15	1	MG/KG	UJ	A	RFA	UPPER
CADMIUM	B201089	BH10890003	1.1	0.55	1	MG/KG	U	V	COL	UPPER
CADMIUM	B201189	BH11890309	1.1	0.55	1	MG/KG	U	V	COL	UPPER
CADMIUM	B201189	BH11890915	1.1	0.55	1	MG/KG	U	V	COL	UPPER
CADMIUM	B201189	BH11891521	1.1	0.55	1	MG/KG	U	V	COL	UPPER
CADMIUM	B201189	BH11892127	1.1	0.55	1	MG/KG	U	V	COL	UPPER
CADMIUM	B201189	BH11890003	1.2	0.6	1.2	MG/KG	U		COL	UPPER
CADMIUM	B201189	BH11892733	1.2	0.6	1	MG/KG	U	V	COL	UPPER
CADMIUM	B201289	BH12890003	1.2	0.6	1.2	MG/KG	U		COL	UPPER
CADMIUM	B201489	BH13890003	1.1	0.55	1.1	MG/KG	U		COL	UPPER
CADMIUM	B201489	BH13890307	1.1	0.55	1	MG/KG	U	V	COL	UPPER
CADMIUM	B201589	BH14890003	1.1	0.55	1.1	MG/KG	U		COL	UPPER
CADMIUM	B201589	BH14890307	1.2	0.6	1	MG/KG	U	V	COL	UPPER
CADMIUM	B301889	BH15890309	1.1	0.55	1	MG/KG	U	V	COL	UPPER
CADMIUM	B301889	BH15890915	1.1	0.55	1	MG/KG	U	V	COL	UPPER
CADMIUM	B301889	BH15890003	1.2	0.6	1.2	MG/KG	U		COL	UPPER
CADMIUM	B302089	BH17890003	1.2	0.6	1.2	MG/KG	U		COL	UPPER
CADMIUM	B401989	BH16890003	1.2	0.6	1.2	MG/KG	U		COL	UPPER
CADMIUM	B200589	BH05891723	1.45	0.725	1	MG/KG	U	V	RFA	UPPER
CADMIUM	B200589	BH05892325	1.2	0.6	1	MG/KG	U	V	RFA	UPPER
CADMIUM	B200589	BH05890003	1.3	0.65	1.3	MG/KG	U		RFA	UPPER
CADMIUM	B200589	BH05890003R	1.3	0.65	1.3	MG/KG	U		RFA	UPPER
CADMIUM	B200689	BH06891016	1.1	0.55	1.1	MG/KG	U		RFA	UPPER
CADMIUM	B200689	BH06890003	1.2	0.6	1.2	MG/KG	U		RFA	UPPER
CADMIUM	B200789	BH07890103	1.3	0.65	1.3	MG/KG	U		RFA	UPPER
CADMIUM	B200789	BH07890003	1.1	0.55	1	MG/KG	U	V	RFA	UPPER
CADMIUM	B200889	BH08890106	1.1	0.55	1	MG/KG	U	V	RFA	UPPER
CADMIUM	B200889	BH08890608	1.1	0.55	1	MG/KG	U	V	RFA	UPPER
CADMIUM	B200889	BH08890814	1.1	0.55	1	MG/KG	U	V	RFA	UPPER
CADMIUM	B200889	BH08891420	1.1	0.55	1	MG/KG	U	V	RFA	UPPER
CADMIUM	B200889	BH08892022	1.1	0.55	1	MG/KG	U	V	RFA	UPPER
CADMIUM	B200889	BH08890003	1.2	0.6	1	MG/KG	U	V	RFA	UPPER
CADMIUM	B200989	BH09890003	1.1	0.55	1	MG/KG	U	V	RFA	UPPER
CADMIUM	B400289	BH02891521	1.1	0.55	1.1	MG/KG	U		RFA	UPPER
CADMIUM	B400389	BH03891521	0.16	0.08	1	MG/KG	U	V	RFA	UPPER
CADMIUM	B400389	BH03890309	0.17	0.085	1	MG/KG	U	V	RFA	UPPER
CADMIUM	B400389	BH03890915	0.17	0.085	1	MG/KG	U	V	RFA	UPPER
CADMIUM	B400389	BH03893945	0.19	0.095	1	MG/KG	U	V	RFA	UPPER
CADMIUM	B400389	BH03894548	1.1	0.55	1.1	MG/KG	U		RFA	UPPER
CADMIUM	B400489	BH04892733	1.1	0.55	1.1	MG/KG	U		RFA	UPPER
CADMIUM	B400489	BH04895254	1.1	0.55	1.1	MG/KG	U	A	RFA	UPPER
CADMIUM	B400489	BH04894652	1.2	0.6	1.2	MG/KG	U	A	RFA	UPPER
CADMIUM	B400489	BH04894046	1.3	0.65	1.3	MG/KG	U	A	RFA	UPPER
CADMIUM	B400489	BH04893335	1.4	0.7	1.4	MG/KG	U	A	RFA	UPPER
CADMIUM	B400489	BH04893840	1.5	0.75	1.5	MG/KG	U	A	RFA	UPPER
CADMIUM	B400489	BH04893538	2.4	1.2	2.4	MG/KG	U	A	RFA	UPPER
CADMIUM	B405189	BH01890003	1	0.5	1	MG/KG	U	V	WCS	UPPER
CADMIUM	B405189	BH01890309	1	0.5	1	MG/KG	U	V	WCS	UPPER
CADMIUM	B405189	BH01891521	1	0.5	1	MG/KG	U	V	WCS	UPPER
CADMIUM	B405189	BH01890915	1.1	0.55	1	MG/KG	U	V	WCS	UPPER
CADMIUM	B405189	BH01892127	1.1	0.55	1	MG/KG	U	V	WCS	UPPER
CADMIUM	B405189	BH01893844	0.97	0.485	1	MG/KG	U	V	WCS	UPPER
CADMIUM	B405189	BH01893036	1	0.5	1	MG/KG	U	V	WCS	UPPER
CADMIUM	B405189	BH01893638	1	0.5	1	MG/KG	U	V	WCS	UPPER
CADMIUM	B405189	BH01894448	1	0.5	1	MG/KG	U	V	WCS	UPPER
CADMIUM	B201289	BH12890915	1.1	1.1	1	MG/KG	J	A	COL	UPPER
CADMIUM	B200789	BH07891218	1.3	1.3	1	MG/KG	J	A	RFA	UPPER
CADMIUM	B200789	BH07890612	1.5	1.5	1	MG/KG	J	A	RFA	UPPER
CADMIUM	B200589	BH05890913	1.3	1.3	1	MG/KG		V	RFA	UPPER
CADMIUM	B200589	BH05890308	1.4	1.4	1	MG/KG		V	RFA	UPPER
CADMIUM	B200589	BH05891317	1.5	1.5	1	MG/KG		V	RFA	UPPER
CHROMIUM	B301889	BH15891521	15	7.5	2	MG/KG	UJ	A	COL	UPPER
CHROMIUM	B301889	BH15890309	16.4	8.2	2	MG/KG	UJ	A	COL	UPPER
CHROMIUM	B301889	BH15890915	17.7	8.85	2	MG/KG	UJ	A	COL	UPPER
CHROMIUM	B200589	BH05892325	6.3	3.15	2	MG/KG	UJ	A	RFA	UPPER
CHROMIUM	B200589	BH05891723	4.1	2.05	2	MG/KG	UJ	A	RFA	UPPER
CHROMIUM	B200589	BH05890913	7	3.5	2	MG/KG	UJ	A	RFA	UPPER
CHROMIUM	B200589	BH05890308	8.4	4.2	2	MG/KG	UJ	A	RFA	UPPER
CHROMIUM	B200889	BH08892022	14.8	7.4	2	MG/KG	UJ	A	RFA	UPPER

Table A.85 Subsurface Soil Background Inorganc Data

Analyte	Location	Sample	Result	Censored Result	Detection Limit	Units	Lab Qualifier	Validation Code	Geologic Unit	Flow Unit
CHROMIUM	B200889	BH08891420	9.5	4.75	2	MG/KG	UJ	A	RFA	UPPER
CHROMIUM	B200889	BH08890814	12.7	6.35	2	MG/KG	UJ	A	RFA	UPPER
CHROMIUM	B200889	BH08890106	17.4	8.7	2	MG/KG	UJ	A	RFA	UPPER
CHROMIUM	B200889	BH08890608	17.8	8.9	2	MG/KG	UJ	A	RFA	UPPER
CHROMIUM	B200989	BH09890410	5.9	2.95	2	MG/KG	UJ	A	RFA	UPPER
CHROMIUM	B200989	BH09891016	7.9	3.95	2	MG/KG	UJ	A	RFA	UPPER
CHROMIUM	B200989	BH09891620	9.9	4.95	2	MG/KG	UJ	A	RFA	UPPER
CHROMIUM	B201189	BH11892733	6.3	6.3	2	MG/KG	J	A	COL	UPPER
CHROMIUM	B201189	BH11891521	7.1	7.1	2	MG/KG	J	A	COL	UPPER
CHROMIUM	B201189	BH11890309	7.2	7.2	2	MG/KG	J	A	COL	UPPER
CHROMIUM	B201189	BH11892127	7.2	7.2	2	MG/KG	J	A	COL	UPPER
CHROMIUM	B201189	BH11890915	7.9	7.9	2	MG/KG	J	A	COL	UPPER
CHROMIUM	B201289	BH12890307	17.4	17.4	2	MG/KG	J	A	COL	UPPER
CHROMIUM	B201289	BH12891521	9.8	9.8	2	MG/KG	J	A	COL	UPPER
CHROMIUM	B201289	BH12890915	11.4	11.4	2	MG/KG	J	A	COL	UPPER
CHROMIUM	B200789	BH07891824	6.8	6.8	2	MG/KG	J	A	RFA	UPPER
CHROMIUM	B200789	BH07892426	7.9	7.9	2	MG/KG	J	A	RFA	UPPER
CHROMIUM	B200789	BH07890306	9.8	9.8	2	MG/KG	J	A	RFA	UPPER
CHROMIUM	B200789	BH07890612	15.5	15.5	2	MG/KG	J	A	RFA	UPPER
CHROMIUM	B200789	BH07891218	16.1	16.1	2	MG/KG	J	A	RFA	UPPER
CHROMIUM	B400289	BH02892130	10.5	10.5	2	MG/KG	J	A	RFA	UPPER
CHROMIUM	B400289	BH02893036	14.3	14.3	2	MG/KG	J	A	RFA	UPPER
CHROMIUM	B400289	BH02893642	174	174	2	MG/KG	J	A	RFA	UPPER
CHROMIUM	B201089	BH10890106	14	14	2	MG/KG		V	COL	UPPER
CHROMIUM	B201089	BH10890003	21.3	21.3	2	MG/KG		V	COL	UPPER
CHROMIUM	B201189	BH11890003	7.05	7.05	2.2	MG/KG			COL	UPPER
CHROMIUM	B201289	BH12890003	12.5	12.5	2.4	MG/KG			COL	UPPER
CHROMIUM	B201489	BH13890307	8.5	8.5	2	MG/KG		V	COL	UPPER
CHROMIUM	B201489	BH13890003	12.9	12.9	2.2	MG/KG			COL	UPPER
CHROMIUM	B201589	BH14890307	7.4	7.4	2	MG/KG		V	COL	UPPER
CHROMIUM	B201589	BH14890003	9.4	9.4	2.2	MG/KG			COL	UPPER
CHROMIUM	B301889	BH15890003	17.2	17.2	2.5	MG/KG			COL	UPPER
CHROMIUM	B302089	BH17890306	14.2	14.2	2	MG/KG		V	COL	UPPER
CHROMIUM	B302089	BH17890003	21.6	21.6	2.4	MG/KG			COL	UPPER
CHROMIUM	B401989	BH16891519	13.9	13.9	2	MG/KG		V	COL	UPPER
CHROMIUM	B401989	BH16890915	22.2	22.2	2	MG/KG		V	COL	UPPER
CHROMIUM	B401989	BH16890309	25.4	25.4	2	MG/KG		V	COL	UPPER
CHROMIUM	B401989	BH16890003	26.9	26.9	2.4	MG/KG			COL	UPPER
CHROMIUM	B402189	BH18890003	12.9	12.9	2	MG/KG		V	COL	UPPER
CHROMIUM	B402189	BH18890307	15.4	15.4	2	MG/KG		V	COL	UPPER
CHROMIUM	B200589	BH05891317	12.3	12.3	2	MG/KG		V	RFA	UPPER
CHROMIUM	B200589	BH05890003	16.4	16.4	2.6	MG/KG			RFA	UPPER
CHROMIUM	B200589	BH05892530	5.6	5.6	2	MG/KG		A	RFA	UPPER
CHROMIUM	B200589	BH05890003F	16.4	16.4	2.6	MG/KG			RFA	UPPER
CHROMIUM	B200689	BH06892430	9.7	9.7	2	MG/KG		V	RFA	UPPER
CHROMIUM	B200689	BH06891016	12	12	2.2	MG/KG			RFA	UPPER
CHROMIUM	B200689	BH06891618	14.3	14.3	2	MG/KG		V	RFA	UPPER
CHROMIUM	B200689	BH06891824	15	15	2	MG/KG		V	RFA	UPPER
CHROMIUM	B200689	BH06890104	48.7	48.7	2	MG/KG		V	RFA	UPPER
CHROMIUM	B200689	BH06890410	69.6	69.6	2	MG/KG		V	RFA	UPPER
CHROMIUM	B200689	BH06890003	27.1	27.1	2.4	MG/KG			RFA	UPPER
CHROMIUM	B200789	BH07890103	42.6	42.6	2.5	MG/KG			RFA	UPPER
CHROMIUM	B200789	BH07890003	19.4	19.4	2	MG/KG		V	RFA	UPPER
CHROMIUM	B200889	BH08890003	18.2	18.2	2	MG/KG		V	RFA	UPPER
CHROMIUM	B200989	BH09890104	34.5	34.5	2	MG/KG		V	RFA	UPPER
CHROMIUM	B200989	BH09890003	19.4	19.4	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400289	BH02890003	12.3	12.3	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400289	BH02890915	14.9	14.9	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400289	BH02890309	16.8	16.8	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400289	BH02891521	14.9	14.9	2.2	MG/KG			RFA	UPPER
CHROMIUM	B400289	BH02894248	176	176	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400389	BH03892733	17.8	17.8	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400389	BH03890309	13.5	13.5	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400389	BH03890003	13.8	13.8	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400389	BH03891521	16.1	16.1	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400389	BH03893339	17.7	17.7	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400389	BH03890915	18.2	18.2	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400389	BH03892127	21.6	21.6	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400389	BH03894548	11.2	11.2	2.1	MG/KG			RFA	UPPER
CHROMIUM	B400389	BH03893945	21.6	21.6	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400489	BH04892127	24.75	24.75	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400489	BH04891521	19.9	19.9	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400489	BH04890003	25.4	25.4	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400489	BH04890309	28.3	28.3	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400489	BH04890915	30.6	30.6	2	MG/KG		V	RFA	UPPER
CHROMIUM	B400489	BH04894652	5.6	5.6	2.3	MG/KG		A	RFA	UPPER
CHROMIUM	B400489	BH04895254	8.1	8.1	2.3	MG/KG		A	RFA	UPPER

690

Table A.85 Subsurface Soil Background Inorganc Data

Analyte	Location	Sample	Result	Censored Result	Detection Limit	Units	Lab Qualifier	Validation Code	Geologic Unit	Elev. Unit
CHROMIUM	B400489	BH04894046	9.2	9.2	2.5	MG/KG		A	RFA	UPPER
CHROMIUM	B400489	BH04893335	14.1	14.1	2.8	MG/KG		A	RFA	UPPER
CHROMIUM	B400489	BH04892733	14.2	14.2	2.1	MG/KG			RFA	UPPER
CHROMIUM	B400489	BH04893840	19.2	19.2	3	MG/KG		A	RFA	UPPER
CHROMIUM	B400489	BH04893538	25.7	25.7	4.8	MG/KG		A	RFA	UPPER
CHROMIUM	B405189	BH01890309	15.4	15.4	2	MG/KG		V	WCS	UPPER
CHROMIUM	B405189	BH01892127	17.2	17.2	2	MG/KG		V	WCS	UPPER
CHROMIUM	B405189	BH01890003	23.1	23.1	2	MG/KG		V	WCS	UPPER
CHROMIUM	B405189	BH01891521	26.1	26.1	2	MG/KG		V	WCS	UPPER
CHROMIUM	B405189	BH01890915	31.7	31.7	2	MG/KG		V	WCS	UPPER
CHROMIUM	B405189	BH01893036	11.7	11.7	2	MG/KG		V	WCS	UPPER
CHROMIUM	B405189	BH01893638	18.8	18.8	2	MG/KG		V	WCS	UPPER
CHROMIUM	B405189	BH01894448	21.1	21.1	2	MG/KG		V	WCS	UPPER
CHROMIUM	B405189	BH01893844	21.2	21.2	2	MG/KG		V	WCS	UPPER
IRON	B201289	BH12890915	13730	13730	20	MG/KG	J	A	COL	UPPER
IRON	B201289	BH12891521	10900	10900	20	MG/KG	J	A	COL	UPPER
IRON	B200989	BH09890104	33700	33700	20	MG/KG	J	E	RFA	UPPER
IRON	B400289	BH02892130	9360	9360	20	MG/KG	J	A	RFA	UPPER
IRON	B400289	BH02893036	1300	1300	20	MG/KG	J	A	RFA	UPPER
IRON	B400289	BH02893642	10400	10400	20	MG/KG	J	A	RFA	UPPER
IRON	B200789	BH07890003	17600	17600	20	MG/KG	E		RFA	UPPER
IRON	B200889	BH08890003	15400	15400	20	MG/KG	E		RFA	UPPER
IRON	B200989	BH09890003	17900	17900	20	MG/KG	E		RFA	UPPER
IRON	B201089	BH10890106	18100	18100	20	MG/KG		V	COL	UPPER
IRON	B201089	BH10890003	19700	19700	20	MG/KG		V	COL	UPPER
IRON	B201189	BH11890003	8420	8420	21.75	MG/KG			COL	UPPER
IRON	B201189	BH11892127	7420	7420	20	MG/KG		V	COL	UPPER
IRON	B201189	BH11891521	8726	8726	20	MG/KG		V	COL	UPPER
IRON	B201189	BH11892733	9700	9700	20	MG/KG		V	COL	UPPER
IRON	B201189	BH11890309	10700	10700	20	MG/KG		V	COL	UPPER
IRON	B201189	BH11890915	11200	11200	20	MG/KG		V	COL	UPPER
IRON	B201289	BH12890307	10500	10500	20	MG/KG		A	COL	UPPER
IRON	B201289	BH12890003	11800	11800	24.1	MG/KG			COL	UPPER
IRON	B201489	BH13890307	9840	9840	20	MG/KG		V	COL	UPPER
IRON	B201489	BH13890003	14200	14200	21.6	MG/KG			COL	UPPER
IRON	B201589	BH14890307	9060	9060	20	MG/KG		V	COL	UPPER
IRON	B201589	BH14890003	17300	17300	22.1	MG/KG			COL	UPPER
IRON	B301889	BH15890309	18500	18500	20	MG/KG		A	COL	UPPER
IRON	B301889	BH15890915	27200	27200	20	MG/KG		A	COL	UPPER
IRON	B301889	BH15891521	28500	28500	20	MG/KG		A	COL	UPPER
IRON	B301889	BH15890003	35900	35900	248	MG/KG			COL	UPPER
IRON	B302089	BH17890306	13200	13200	20	MG/KG		V	COL	UPPER
IRON	B302089	BH17890003	20800	20800	24.1	MG/KG			COL	UPPER
IRON	B401989	BH16891519	9990	9990	20	MG/KG		V	COL	UPPER
IRON	B401989	BH16890915	14000	14000	20	MG/KG		V	COL	UPPER
IRON	B401989	BH16890309	17500	17500	20	MG/KG		V	COL	UPPER
IRON	B401989	BH16890003	18100	18100	24.2	MG/KG			COL	UPPER
IRON	B402189	BH18890003	12600	12600	20	MG/KG		V	COL	UPPER
IRON	B402189	BH18890307	13200	13200	20	MG/KG		V	COL	UPPER
IRON	B200589	BH05892325	11905	11905	20	MG/KG		V	RFA	UPPER
IRON	B200589	BH05891723	7590	7590	20	MG/KG		V	RFA	UPPER
IRON	B200589	BH05891317	13900	13900	20	MG/KG		V	RFA	UPPER
IRON	B200589	BH05890913	15700	15700	20	MG/KG		V	RFA	UPPER
IRON	B200589	BH05890003	19100	19100	26.1	MG/KG	--------		RFA	UPPER
IRON	B200589	BH05890308	19800	19800	20	MG/KG		V	RFA	UPPER
IRON	B200589	BH05892530	8700	8700	20	MG/KG		V	RFA	UPPER
IRON	B200589	BH05890003F	19100	19100	26.1	MG/KG			RFA	UPPER
IRON	B200689	BH06891016	9340	9340	21.6	MG/KG			RFA	UPPER
IRON	B200689	BH06891824	11000	11000	20	MG/KG		V	RFA	UPPER
IRON	B200689	BH06890410	11100	11100	20	MG/KG		V	RFA	UPPER
IRON	B200689	BH06892430	11600	11600	20	MG/KG		V	RFA	UPPER
IRON	B200689	BH06891618	17600	17600	20	MG/KG		V	RFA	UPPER
IRON	B200689	BH06890104	18500	18500	20	MG/KG		V	RFA	UPPER
IRON	B200689	BH06890003	23900	23900	24.2	MG/KG			RFA	UPPER
IRON	B200789	BH07891824	5130	5130	20	MG/KG		V	RFA	UPPER
IRON	B200789	BH07892426	8180	8180	20	MG/KG		V	RFA	UPPER
IRON	B200789	BH07890612	9440	9440	20	MG/KG		V	RFA	UPPER
IRON	B200789	BH07890306	9590	9590	20	MG/KG		V	RFA	UPPER
IRON	B200789	BH07891218	11400	11400	20	MG/KG		V	RFA	UPPER
IRON	B200789	BH07890103	26600	26600	252	MG/KG			RFA	UPPER
IRON	B200889	BH08890608	13325	13325	20	MG/KG		V	RFA	UPPER
IRON	B200889	BH08891420	8400	8400	20	MG/KG		V	RFA	UPPER
IRON	B200889	BH08892022	8650	8650	20	MG/KG		V	RFA	UPPER
IRON	B200889	BH08890814	11900	11900	20	MG/KG		V	RFA	UPPER
IRON	B200889	BH08890106	15800	15800	20	MG/KG		V	RFA	UPPER
IRON	B200989	BH09890410	7645	7645	20	MG/KG		V	RFA	UPPER
IRON	B200989	BH09891016	9820	9820	20	MG/KG		V	RFA	UPPER

691

Table A.85 Subsurface Soil Background Inorganc Data

Analyte	Location	Sample	Result	Censored Result	Detection Limit	Units	Lab Qualifier	Validation Code	Geologic Unit	Flow Unit
IRON	B200989	BH09891620	10400	10400	20	MG/KG		V	RFA	UPPER
IRON	B400289	BH02890915	10900	10900	20	MG/KG		V	RFA	UPPER
IRON	B400289	BH02890003	11000	11000	20	MG/KG		V	RFA	UPPER
IRON	B400289	BH02890309	11800	11800	20	MG/KG		V	RFA	UPPER
IRON	B400289	BH02891521	8845	8845	21.2	MG/KG			RFA	UPPER
IRON	B400289	BH02894248	132000	132000	20	MG/KG		V	RFA	UPPER
IRON	B400389	BH03892733	8360	8360	20	MG/KG		V	RFA	UPPER
IRON	B400389	BH03890003	8725	8725	20	MG/KG		V	RFA	UPPER
IRON	B400389	BH03890309	8710	8710	20	MG/KG		V	RFA	UPPER
IRON	B400389	BH03892127	8800	8800	20	MG/KG		V	RFA	UPPER
IRON	B400389	BH03891521	10700	10700	20	MG/KG		V	RFA	UPPER
IRON	B400389	BH03890915	10900	10900	20	MG/KG		V	RFA	UPPER
IRON	B400389	BH03893339	10900	10900	20	MG/KG		V	RFA	UPPER
IRON	B400389	BH03894548	10800	10800	21.2	MG/KG			RFA	UPPER
IRON	B400389	BH03893945	20300	20300	20	MG/KG		V	RFA	UPPER
IRON	B400489	BH04890003	10265	10265	20	MG/KG		V	RFA	UPPER
IRON	B400489	BH04891521	11100	11100	20	MG/KG		V	RFA	UPPER
IRON	B400489	BH04890915	11200	11200	20	MG/KG		V	RFA	UPPER
IRON	B400489	BH04890309	12700	12700	20	MG/KG		V	RFA	UPPER
IRON	B400489	BH04892127	13200	13200	20	MG/KG		V	RFA	UPPER
IRON	B400489	BH04894652	4670	4670	23.1	MG/KG		A	RFA	UPPER
IRON	B400489	BH04894046	5870	5870	25	MG/KG		A	RFA	UPPER
IRON	B400489	BH04895254	8200	8200	23	MG/KG		A	RFA	UPPER
IRON	B400489	BH04892733	11400	11400	21.1	MG/KG			RFA	UPPER
IRON	B400489	BH04893840	12300	12300	30.2	MG/KG		A	RFA	UPPER
IRON	B400489	BH04893335	13100	13100	27.7	MG/KG		A	RFA	UPPER
IRON	B400489	BH04893538	22000	22000	48.4	MG/KG		A	RFA	UPPER
IRON	B405189	BH01890309	8860	8860	20	MG/KG		V	WCS	UPPER
IRON	B405189	BH01891521	10200	10200	20	MG/KG		V	WCS	UPPER
IRON	B405189	BH01892127	11800	11800	20	MG/KG		V	WCS	UPPER
IRON	B405189	BH01890003	15900	15900	20	MG/KG		V	WCS	UPPER
IRON	B405189	BH01890915	20700	20700	20	MG/KG		V	WCS	UPPER
IRON	B405189	BH01893036	12800	12800	20	MG/KG		V	WCS	UPPER
IRON	B405189	BH01893844	13800	13800	20	MG/KG		V	WCS	UPPER
IRON	B405189	BH01894448	14200	14200	20	MG/KG		V	WCS	UPPER
IRON	B405189	BH01893638	20100	20100	20	MG/KG		V	WCS	UPPER
MANGANESE	B201089	BH10890106	145	145	3	MG/KG	J	A	COL	UPPER
MANGANESE	B201089	BH10890003	303	303	3	MG/KG	J	A	COL	UPPER
MANGANESE	B201189	BH11892127	90.1	90.1	3	MG/KG	J	A	COL	UPPER
MANGANESE	B201189	BH11892733	98.4	98.4	3	MG/KG	J	A	COL	UPPER
MANGANESE	B201189	BH11890915	141	141	3	MG/KG	J	A	COL	UPPER
MANGANESE	B201189	BH11891521	149	149	3	MG/KG	J	A	COL	UPPER
MANGANESE	B201189	BH11890309	281	281	3	MG/KG	J	A	COL	UPPER
MANGANESE	B201289	BH12890307	128	128	3	MG/KG	J	A	COL	UPPER
MANGANESE	B201289	BH12890915	115	115	3	MG/KG	J	A	COL	UPPER
MANGANESE	B201289	BH12891521	161	161	3	MG/KG	J	A	COL	UPPER
MANGANESE	B201489	BH13890307	62.2	62.2	3	MG/KG	J	A	COL	UPPER
MANGANESE	B301889	BH15890915	318	318	3	MG/KG	J	A	COL	UPPER
MANGANESE	B301889	BH15890309	462	462	3	MG/KG	J	A	COL	UPPER
MANGANESE	B301889	BH15891521	511	511	3	MG/KG	J	A	COL	UPPER
MANGANESE	B302089	BH17890306	68.25	68.25	3	MG/KG	J	A	COL	UPPER
MANGANESE	B402189	BH18890003	75.7	75.7	3	MG/KG	J	A	COL	UPPER
MANGANESE	B402189	BH18890307	91.9	91.9	3	MG/KG	J	A	COL	UPPER
MANGANESE	B200689	BH06890410	79.8	79.8	3	MG/KG	J	V	RFA	UPPER
MANGANESE	B200689	BH06890104	85.7	85.7	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B200689	BH06892430	222	222	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B200689	BH06891618	226	226	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B200689	BH06891824	656	656	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B200889	BH08890608	205.3	205.3	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B200889	BH08891420	112	112	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B200889	BH08890814	120	120	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B200889	BH08890106	136	136	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B200889	BH08892022	446	446	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B200989	BH09890410	85.15	85.15	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B200989	BH09891620	125	125	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B200989	BH09891016	195	195	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B200989	BH09890104	254	254	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B400289	BH02892130	136	136	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B400289	BH02893036	136	136	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B400289	BH02893642	189	189	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B400289	BH02894248	3330	3330	3	MG/KG	J	A	RFA	UPPER
MANGANESE	B405189	BH01890003	39.9	39.9	3	MG/KG	J	A	WCS	UPPER
MANGANESE	B405189	BH01890309	104	104	3	MG/KG	J	A	WCS	UPPER
MANGANESE	B405189	BH01892127	163	163	3	MG/KG	J	A	WCS	UPPER
MANGANESE	B405189	BH01891521	199	199	3	MG/KG	J	A	WCS	UPPER
MANGANESE	B405189	BH01890915	377	377	3	MG/KG	J	A	WCS	UPPER
MANGANESE	B405189	BH01893844	112	112	3	MG/KG	J	A	WCS	UPPER

Table A.85 Subsurface Soil Background Inorganc Data

Analyte	Location	Sample	Result	Censored Result	Detection Limit	Units	Lab Qualifier	Validation Code	Geologic Unit	Hyd. Flow Unit
MANGANESE	B405189	BH01893638	121	121	3	MG/KG	J	A	WCS	UPPER
MANGANESE	B405189	BH01894448	172	172	3	MG/KG	J	A	WCS	UPPER
MANGANESE	B405189	BH01893036	259	259	3	MG/KG	J	A	WCS	UPPER
MANGANESE	B201589	BH14890307	103	103	3	MG/KG	E		COL	UPPER
MANGANESE	B200789	BH07890003	210	210	3	MG/KG	E		RFA	UPPER
MANGANESE	B200889	BH08890003	217	217	3	MG/KG	E		RFA	UPPER
MANGANESE	B200989	BH09890003	197	197	3	MG/KG	E		RFA	UPPER
MANGANESE	B201189	BH11890003	237	237	3.5	MG/KG			COL	UPPER
MANGANESE	B201289	BH12890003	195	195	3.6	MG/KG			COL	UPPER
MANGANESE	B201489	BH13890003	110	110	3.2	MG/KG			COL	UPPER
MANGANESE	B201589	BH14890003	231	231	3.3	MG/KG			COL	UPPER
MANGANESE	B301889	BH15890003	747	747	3.7	MG/KG			COL	UPPER
MANGANESE	B302089	BH17890003	260	260	3.6	MG/KG			COL	UPPER
MANGANESE	B401989	BH16891519	37	37	3	MG/KG		V	COL	UPPER
MANGANESE	B401989	BH16890309	76.9	76.9	3	MG/KG		V	COL	UPPER
MANGANESE	B401989	BH16890915	77.4	77.4	3	MG/KG		V	COL	UPPER
MANGANESE	B401989	BH16890003	97.4	97.4	3.6	MG/KG			COL	UPPER
MANGANESE	B200589	BH05892325	178.15	178.15	3	MG/KG		V	RFA	UPPER
MANGANESE	B200589	BH05891723	69.8	69.8	3	MG/KG		V	RFA	UPPER
MANGANESE	B200589	BH05890003	103	103	3.9	MG/KG			RFA	UPPER
MANGANESE	B200589	BH05890913	124	124	3	MG/KG		V	RFA	UPPER
MANGANESE	B200589	BH05891317	179	179	3	MG/KG		V	RFA	UPPER
MANGANESE	B200589	BH05890308	346	346	3	MG/KG		V	RFA	UPPER
MANGANESE	B200589	BH05892530	110	110	3	MG/KG		V	RFA	UPPER
MANGANESE	B200589	BH05890003R	103	103	3.9	MG/KG			RFA	UPPER
MANGANESE	B200689	BH06891016	89.7	89.7	3.2	MG/KG			RFA	UPPER
MANGANESE	B200689	BH06890003	102	102	3.6	MG/KG			RFA	UPPER
MANGANESE	B200789	BH07890306	66.4	66.4	3	MG/KG		V	RFA	UPPER
MANGANESE	B200789	BH07890612	73.5	73.5	3	MG/KG		V	RFA	UPPER
MANGANESE	B200789	BH07892426	75.8	75.8	3	MG/KG		V	RFA	UPPER
MANGANESE	B200789	BH07891218	96.6	96.6	3	MG/KG		V	RFA	UPPER
MANGANESE	B200789	BH07891824	110	110	3	MG/KG		V	RFA	UPPER
MANGANESE	B200789	BH07890103	221	221	3.8	MG/KG			RFA	UPPER
MANGANESE	B400289	BH02890309	37	37	3	MG/KG		V	RFA	UPPER
MANGANESE	B400289	BH02890003	38	38	3	MG/KG		V	RFA	UPPER
MANGANESE	B400289	BH02890915	168	168	3	MG/KG		V	RFA	UPPER
MANGANESE	B400289	BH02891521	99.8	99.8	3.2	MG/KG			RFA	UPPER
MANGANESE	B400389	BH03892733	91	91	3	MG/KG		V	RFA	UPPER
MANGANESE	B400389	BH03890003	69.8	69.8	3	MG/KG		V	RFA	UPPER
MANGANESE	B400389	BH03890309	103	103	3	MG/KG		V	RFA	UPPER
MANGANESE	B400389	BH03892127	140	140	3	MG/KG		V	RFA	UPPER
MANGANESE	B400389	BH03893339	216	216	3	MG/KG		V	RFA	UPPER
MANGANESE	B400389	BH03890915	231	231	3	MG/KG		V	RFA	UPPER
MANGANESE	B400389	BH03891521	233	233	3	MG/KG		V	RFA	UPPER
MANGANESE	B400389	BH03894548	243	243	3.2	MG/KG			RFA	UPPER
MANGANESE	B400389	BH03893945	409	409	3	MG/KG		V	RFA	UPPER
MANGANESE	B400489	BH04890003	116.4	116.4	3	MG/KG		V	RFA	UPPER
MANGANESE	B400489	BH04890309	195	195	3	MG/KG		V	RFA	UPPER
MANGANESE	B400489	BH04890915	197	197	3	MG/KG		V	RFA	UPPER
MANGANESE	B400489	BH04892127	294	294	3	MG/KG		V	RFA	UPPER
MANGANESE	B400489	BH04891521	427	427	3	MG/KG		V	RFA	UPPER
MANGANESE	B400489	BH04894652	89.3	89.3	3.5	MG/KG		A	RFA	UPPER
MANGANESE	B400489	BH04894046	105	105	3.8	MG/KG		A	RFA	UPPER
MANGANESE	B400489	BH04893840	219	219	4.5	MG/KG		A	RFA	UPPER
MANGANESE	B400489	BH04893335	254	254	4.1	MG/KG		A	RFA	UPPER
MANGANESE	B400489	BH04895254	293	293	3.4	MG/KG		A	RFA	UPPER
MANGANESE	B400489	BH04893538	460	460	7.3	MG/KG		A	RFA	UPPER
MANGANESE	B400489	BH04892733	488	488	3.2	MG/KG			RFA	UPPER

Table A.86 Subsurface Soil Background Radionuclide Data

Analyte	Location	Sample	Result	Error	Units	Validation Qualifier	Geologic Unit	Flow Unit
AMERICIUM-241	B200589	BH05890003	-0.015	0.02	PCI/G		RFA	UPPER
AMERICIUM-241	B200589	BH05891317	0	0.02	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200589	BH05890308	0.01	0.03	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200589	BH05890913	0.01	0.02	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200589	BH05891723	0.01	0.02	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200589	BH05892325	0.01	0.03	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200589	BH05892530	0	0.02	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200589	BH05890003R	-0.01	0.02	PCI/G		RFA	UPPER
AMERICIUM-241	B200689	BH06890104	-0.01	0.02	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200689	BH06891824	-0.01	0.02	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200689	BH06892430	-0.01	0.02	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200689	BH06890410	0	0.02	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200689	BH06891016	0	0.02	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200689	BH06891618	0	0.02	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200789	BH07890103	0	0.01	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200789	BH07890306	0	0.01	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200789	BH07890612	0	0.04	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200789	BH07891218	0	0.01	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200789	BH07891824	0	0.01	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200789	BH07892426	0	0.01	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200789	BH07890003	-0.01	0.01	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200889	BH08890106	-0.01	0.01	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200889	BH08890608	0	0.02	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200889	BH08890814	0	0.01	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200889	BH08891420	0	0.02	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200889	BH08892022	0	0.02	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200889	BH08890003	-0.01	0.01	PCI/G	N	RFA	UPPER
AMERICIUM-241	B200989	BH09890003	0	0.02	PCI/G	N	RFA	UPPER
PLUTONIUM-239,240	B201089	BH10890106	0.01	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B201089	BH10890003	0	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B201189	BH11890309	-0.005	0.01	PCI/G		COL	UPPER
PLUTONIUM-239,240	B201189	BH11891521	0	0.01	PCI/G		COL	UPPER
PLUTONIUM-239,240	B201189	BH11890003	0.01	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B201189	BH11890915	0.01	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B201189	BH11892733	0.01	0.01	PCI/G		COL	UPPER
PLUTONIUM-239,240	B201189	BH11892127	0.02	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B201289	BH12890003	0	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B201289	BH12890307	0.02	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B201289	BH12890915	0.005	0.01	PCI/G		COL	UPPER
PLUTONIUM-239,240	B201289	BH12891521	0	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B201489	BH13890307	0	0.01	PCI/G		COL	UPPER
PLUTONIUM-239,240	B201489	BH13890003	0.01	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B201589	BH14890307	0	0.01	PCI/G		COL	UPPER
PLUTONIUM-239,240	B201589	BH14890003	0.01	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B301889	BH15890309	0	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B301889	BH15891521	0	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B301889	BH15890915	0.01	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B301889	BH15890003	0.02	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B302089	BH17890003	0	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B302089	BH17890306	0	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B401989	BH16890003	0	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B401989	BH16890309	0	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B401989	BH16890915	0	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B401989	BH16891519	0.01	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B402189	BH18890003	0.02	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B402189	BH18890307	0.02	0.02	PCI/G		COL	UPPER
PLUTONIUM-239,240	B200589	BH05891723	0.005	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200589	BH05890003	0	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200589	BH05890913	0	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200589	BH05891317	0	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200589	BH05890308	0.01	0.03	PCI/G		RFA	UPPER

Table A.86 Subsurface Soil Background Radionuclide Data

Analyte	Location	Sample	Result	Error	Units	Validation Qualifier	Geologic Unit	Flow Unit
PLUTONIUM-239,240	B200589	BH05892325	0.01	0.03	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200589	BH05892530	0.01	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200589	BH05890003R	0.01	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200689	BH06890104	-0.01	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200689	BH06890410	-0.01	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200689	BH06891618	0	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200689	BH06892430	0	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200689	BH06891016	0.01	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200689	BH06891824	0.01	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200689	BH06890003	0	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200789	BH07891824	-0.01	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200789	BH07890306	0	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200789	BH07892426	0	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200789	BH07890103	0.01	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200789	BH07890612	0.01	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200789	BH07891218	0.02	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200789	BH07890003	0.01	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200889	BH08891420	-0.005	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200889	BH08890608	0	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200889	BH08890814	0	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200889	BH08890106	0.01	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200889	BH08892022	0.01	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200889	BH08890003	0	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200989	BH09891620	0	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200989	BH09891016	0	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200989	BH09890104	0.01	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200989	BH09890410	0.01	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B200989	BH09890003	0.02	0.02	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400289	BH02890309	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400289	BH02890915	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400289	BH02890003	0.01	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400289	BH02892130	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400289	BH02891521	0.01	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400289	BH02893036	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400289	BH02893642	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400289	BH02894248	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400389	BH03892733	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400389	BH03890003	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400389	BH03890309	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400389	BH03890915	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400389	BH03891521	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400389	BH03892127	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400389	BH03893339	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400389	BH03893945	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400389	BH03894548	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400489	BH04890003	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400489	BH04890309	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400489	BH04890915	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400489	BH04891521	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400489	BH04892127	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400489	BH04892733	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400489	BH04893335	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400489	BH04893538	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400489	BH04893840	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400489	BH04894046	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400489	BH04894652	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B400489	BH04895254	0	0.01	PCI/G		RFA	UPPER
PLUTONIUM-239,240	B405189	BH01890915	-0.01	0.02	PCI/G		WCS	UPPER
PLUTONIUM-239,240	B405189	BH01890309	0	0.02	PCI/G		WCS	UPPER
PLUTONIUM-239,240	B405189	BH01891521	0	0.02	PCI/G		WCS	UPPER
PLUTONIUM-239,240	B405189	BH01892127	0	0.02	PCI/G		WCS	UPPER

Table A.86 Subsurface Soil Background Radionuclide Data

Analyte	Location	Sample	Result	Error	Units	Validation Qualifier	Geologic Unit	Flow Unit
PLUTONIUM-239,240	B405189	BH01890003	0.03	0.03	PCI/G		WCS	UPPER
PLUTONIUM-239,240	B405189	BH01893638	0	0.01	PCI/G		WCS	UPPER
PLUTONIUM-239,240	B405189	BH01893036	0.01	0.02	PCI/G		WCS	UPPER
PLUTONIUM-239,240	B405189	BH01893844	0.01	0.01	PCI/G		WCS	UPPER
PLUTONIUM-239,240	B405189	BH01894448	0.01	0.01	PCI/G		WCS	UPPER
URANIUM-233,234	B201089	BH10890106	0.55	0.1	PCI/G		COL	UPPER
URANIUM-233,234	B201089	BH10890003	0.5	0.2	PCI/G		COL	UPPER
URANIUM-233,234	B201189	BH11890915	0.5	0.1	PCI/G		COL	UPPER
URANIUM-233,234	B201189	BH11890309	0.6	0.1	PCI/G		COL	UPPER
URANIUM-233,234	B201189	BH11891521	0.6	0.1	PCI/G		COL	UPPER
URANIUM-233,234	B201189	BH11890003	0.8	0.2	PCI/G		COL	UPPER
URANIUM-233,234	B201189	BH11892127	1	0.2	PCI/G		COL	UPPER
URANIUM-233,234	B201189	BH11892733	1.2	0.2	PCI/G		COL	UPPER
URANIUM-233,234	B201289	BH12890307	0.5	0.2	PCI/G		COL	UPPER
URANIUM-233,234	B201289	BH12890003	0.7	0.2	PCI/G		COL	UPPER
URANIUM-233,234	B201289	BH12890915	0.75	0.2	PCI/G		COL	UPPER
URANIUM-233,234	B201289	BH12891521	1.2	0.2	PCI/G		COL	UPPER
URANIUM-233,234	B201489	BH13890003	0.5	0.1	PCI/G		COL	UPPER
URANIUM-233,234	B201489	BH13890307	0.9	0.2	PCI/G		COL	UPPER
URANIUM-233,234	B201589	BH14890003	0.4	0.1	PCI/G		COL	UPPER
URANIUM-233,234	B201589	BH14890307	0.7	0.2	PCI/G		COL	UPPER
URANIUM-233,234	B301889	BH15890309	0.9	0.2	PCI/G		COL	UPPER
URANIUM-233,234	B301889	BH15891521	1	0.2	PCI/G		COL	UPPER
URANIUM-233,234	B301889	BH15890003	1.1	0.2	PCI/G		COL	UPPER
URANIUM-233,234	B301889	BH15890915	8.9	0.3	PCI/G		COL	UPPER
URANIUM-233,234	B302089	BH17890306	1.1	0.3	PCI/G		COL	UPPER
URANIUM-233,234	B302089	BH17890003	2.6	0.5	PCI/G		COL	UPPER
URANIUM-233,234	B401989	BH16890915	0.8	0.2	PCI/G		COL	UPPER
URANIUM-233,234	B401989	BH16890003	0.9	0.3	PCI/G		COL	UPPER
URANIUM-233,234	B401989	BH16891519	0.9	0.3	PCI/G		COL	UPPER
URANIUM-233,234	B401989	BH16890309	1.1	0.3	PCI/G		COL	UPPER
URANIUM-233,234	B402189	BH18890003	0.5	0.2	PCI/G	N	COL	UPPER
URANIUM-233,234	B402189	BH18890307	0.7	0.3	PCI/G	N	COL	UPPER
URANIUM-233,234	B200589	BH05890003	0.55	0.1	PCI/G		RFA	UPPER
URANIUM-233,234	B200589	BH05891723	0.5	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200589	BH05890308	0.7	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200589	BH05890913	0.7	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200589	BH05891317	0.8	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200589	BH05892325	0.8	0.2	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200589	BH05892530	0.7	0.2	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200589	BH05890003R	0.7	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B200689	BH06890410	0.5	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200689	BH06891016	0.5	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200689	BH06892430	0.6	0.2	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200689	BH06890104	0.7	0.2	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200689	BH06891618	0.7	0.2	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200689	BH06891824	0.8	0.2	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200689	BH06890003	0.3	0.1	PCI/G		RFA	UPPER
URANIUM-233,234	B200789	BH07890612	0.4	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200789	BH07892426	0.4	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200789	BH07890306	0.5	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200789	BH07891218	0.5	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200789	BH07891824	0.5	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200789	BH07890103	0.6	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200789	BH07890003	0.8	0.2	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200889	BH08890608	0.35	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200889	BH08891420	0.3	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200889	BH08892022	0.3	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200889	BH08890106	0.4	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200889	BH08890814	0.5	0.1	PCI/G	N	RFA	UPPER
URANIUM-233,234	B200889	BH08890003	0.7	0.2	PCI/G	N	RFA	UPPER

Table A.86 Subsurface Soil Background Radionuclide Data

Analyte	Location	Sample	Result	Error	Units	Validation Qualifier	Geologic Unit	Flow Unit
URANIUM-233,234	B200989	BH09890104	0.4	0.1	PCI/G		RFA	UPPER
URANIUM-233,234	B200989	BH09891016	0.5	0.1	PCI/G		RFA	UPPER
URANIUM-233,234	B200989	BH09891620	0.7	0.1	PCI/G		RFA	UPPER
URANIUM-233,234	B200989	BH09890410	3.4	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B200989	BH09890003	2.4	0.3	PCI/G	N	RFA	UPPER
URANIUM-233,234	B400289	BH02890003	0.4	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400289	BH02890915	0.5	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400289	BH02890309	0.6	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400289	BH02892130	0.7	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400289	BH02891521	0.8	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400289	BH02893036	0.2	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400289	BH02893642	0.7	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400289	BH02894248	0.7	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400389	BH03892733	0.6	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400389	BH03891521	0.5	0.1	PCI/G		RFA	UPPER
URANIUM-233,234	B400389	BH03892127	0.4	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400389	BH03890003	0.5	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400389	BH03890915	0.6	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400389	BH03893339	0.7	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400389	BH03890309	1.1	0.3	PCI/G		RFA	UPPER
URANIUM-233,234	B400389	BH03893945	0.6	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400389	BH03894548	1	0.3	PCI/G		RFA	UPPER
URANIUM-233,234	B400489	BH04890309	0.3	0.1	PCI/G		RFA	UPPER
URANIUM-233,234	B400489	BH04892127	0.4	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400489	BH04890003	0.5	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400489	BH04890915	0.5	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400489	BH04891521	0.6	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400489	BH04892733	0.4	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400489	BH04894046	0.4	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400489	BH04894652	0.4	0.1	PCI/G		RFA	UPPER
URANIUM-233,234	B400489	BH04893840	0.5	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400489	BH04893335	0.6	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400489	BH04893538	0.7	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B400489	BH04895254	0.7	0.2	PCI/G		RFA	UPPER
URANIUM-233,234	B405189	BH01891521	0.4	0.1	PCI/G	N	WCS	UPPER
URANIUM-233,234	B405189	BH01890309	0.5	0.1	PCI/G	N	WCS	UPPER
URANIUM-233,234	B405189	BH01892127	0.6	0.2	PCI/G	N	WCS	UPPER
URANIUM-233,234	B405189	BH01890915	0.7	0.2	PCI/G	N	WCS	UPPER
URANIUM-233,234	B405189	BH01890003	0.8	0.2	PCI/G	N	WCS	UPPER
URANIUM-233,234	B405189	BH01893638	0.5	0.2	PCI/G	N	WCS	UPPER
URANIUM-233,234	B405189	BH01893036	0.6	0.2	PCI/G	N	WCS	UPPER
URANIUM-233,234	B405189	BH01893844	0.6	0.1	PCI/G	N	WCS	UPPER
URANIUM-233,234	B405189	BH01894448	0.7	0.2	PCI/G	N	WCS	UPPER
URANIUM-235	B201089	BH10890106	0.05	0.1	PCI/G		COL	UPPER
URANIUM-235	B201089	BH10890003	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B201189	BH11890309	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B201189	BH11891521	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B201189	BH11892733	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B201189	BH11890003	0.1	0.1	PCI/G		COL	UPPER
URANIUM-235	B201189	BH11890915	0.1	0.1	PCI/G		COL	UPPER
URANIUM-235	B201189	BH11892127	0.1	0.1	PCI/G		COL	UPPER
URANIUM-235	B201289	BH12890003	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B201289	BH12890307	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B201289	BH12890915	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B201289	BH12891521	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B201489	BH13890003	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B201489	BH13890307	0.1	0.1	PCI/G		COL	UPPER
URANIUM-235	B201589	BH14890307	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B201589	BH14890003	0.1	0.1	PCI/G		COL	UPPER
URANIUM-235	B301889	BH15890915	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B301889	BH15890003	0.1	0.1	PCI/G		COL	UPPER

Table A.86 Subsurface Soil Background Radionuclide Data

Analyte	Location	Sample	Result	Error	Units	Validation Qualifier	Geologic Unit	Flow Unit
URANIUM-235	B301889	BH15891521	0.1	0.1	PCI/G		COL	UPPER
URANIUM-235	B301889	BH15890309	0.2	0.1	PCI/G		COL	UPPER
URANIUM-235	B302089	BH17890306	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B302089	BH17890003	0.1	0.1	PCI/G		COL	UPPER
URANIUM-235	B401989	BH16890003	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B401989	BH16890309	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B401989	BH16890915	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B401989	BH16891519	0	0.1	PCI/G		COL	UPPER
URANIUM-235	B402189	BH18890003	0.1	0.1	PCI/G	N	COL	UPPER
URANIUM-235	B402189	BH18890307	0.1	0.1	PCI/G	N	COL	UPPER
URANIUM-235	B200589	BH05890003	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B200589	BH05890308	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200589	BH05890913	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200589	BH05891317	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200589	BH05891723	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200589	BH05892325	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200589	BH05892530	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200589	BH05890003R	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B200689	BH06890104	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200689	BH06890410	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200689	BH06891016	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200689	BH06891618	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200689	BH06891824	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200689	BH06892430	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200689	BH06890003	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B200789	BH07890103	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200789	BH07890306	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200789	BH07890612	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200789	BH07891218	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200789	BH07891824	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200789	BH07892426	0.1	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200789	BH07890003	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200889	BH08890106	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200889	BH08890608	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200889	BH08890814	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200889	BH08891420	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200889	BH08892022	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200889	BH08890003	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B200989	BH09890104	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B200989	BH09890410	0.1	0.1	PCI/G		RFA	UPPER
URANIUM-235	B200989	BH09891016	0.1	0.1	PCI/G		RFA	UPPER
URANIUM-235	B200989	BH09891620	0.1	0.1	PCI/G		RFA	UPPER
URANIUM-235	B200989	BH09890003	0	0.1	PCI/G	N	RFA	UPPER
URANIUM-235	B400289	BH02890003	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400289	BH02890309	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400289	BH02890915	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400289	BH02891521	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400289	BH02892130	0.1	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400289	BH02893036	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400289	BH02893642	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400289	BH02894248	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400389	BH03892733	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400389	BH03890003	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400389	BH03890915	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400389	BH03891521	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400389	BH03892127	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400389	BH03893339	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400389	BH03890309	0.1	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400389	BH03893945	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400389	BH03894548	0.1	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400489	BH04890003	0	0.1	PCI/G		RFA	UPPER

Table A.86 Subsurface Soil Background Radionuclide Data

Analyte	Location	Sample	Result	Error	Units	Validation Qualifier	Geologic Unit	Flow Unit
URANIUM-235	B400489	BH04890309	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400489	BH04890915	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400489	BH04891521	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400489	BH04892127	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400489	BH04892733	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400489	BH04893335	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400489	BH04893538	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400489	BH04893840	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400489	BH04894046	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400489	BH04894652	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B400489	BH04895254	0	0.1	PCI/G		RFA	UPPER
URANIUM-235	B405189	BH01890003	0	0.1	PCI/G	N	WCS	UPPER
URANIUM-235	B405189	BH01890309	0	0.1	PCI/G	N	WCS	UPPER
URANIUM-235	B405189	BH01890915	0	0.1	PCI/G	N	WCS	UPPER
URANIUM-235	B405189	BH01891521	0	0.1	PCI/G	N	WCS	UPPER
URANIUM-235	B405189	BH01892127	0	0.1	PCI/G	N	WCS	UPPER
URANIUM-235	B405189	BH01893638	0	0.1	PCI/G	N	WCS	UPPER
URANIUM-235	B405189	BH01893844	0	0.1	PCI/G	N	WCS	UPPER
URANIUM-235	B405189	BH01894448	0	0.1	PCI/G	N	WCS	UPPER
URANIUM-235	B405189	BH01893036	0.2	0.1	PCI/G	N	WCS	UPPER
URANIUM-238	B201089	BH10890106	0.6	0.1	PCI/G		COL	UPPER
URANIUM-238	B201089	BH10890003	0.4	0.2	PCI/G		COL	UPPER
URANIUM-238	B201189	BH11890309	0.9	0.2	PCI/G		COL	UPPER
URANIUM-238	B201189	BH11890915	0.7	0.2	PCI/G		COL	UPPER
URANIUM-238	B201189	BH11890003	0.8	0.2	PCI/G		COL	UPPER
URANIUM-238	B201189	BH11891521	0.9	0.2	PCI/G		COL	UPPER
URANIUM-238	B201189	BH11892127	1.2	0.3	PCI/G		COL	UPPER
URANIUM-238	B201189	BH11892733	1.3	0.2	PCI/G		COL	UPPER
URANIUM-238	B201289	BH12890003	0.9	0.2	PCI/G		COL	UPPER
URANIUM-238	B201289	BH12890307	1	0.3	PCI/G		COL	UPPER
URANIUM-238	B201289	BH12890915	1.1	0.2	PCI/G		COL	UPPER
URANIUM-238	B201289	BH12891521	1.2	0.2	PCI/G		COL	UPPER
URANIUM-238	B201489	BH13890003	0.7	0.2	PCI/G		COL	UPPER
URANIUM-238	B201489	BH13890307	0.8	0.2	PCI/G		COL	UPPER
URANIUM-238	B201589	BH14890003	0.7	0.2	PCI/G		COL	UPPER
URANIUM-238	B201589	BH14890307	0.9	0.2	PCI/G		COL	UPPER
URANIUM-238	B301889	BH15891521	0.5	0.1	PCI/G		COL	UPPER
URANIUM-238	B301889	BH15890915	0.8	0.3	PCI/G		COL	UPPER
URANIUM-238	B301889	BH15890309	1	0.2	PCI/G		COL	UPPER
URANIUM-238	B301889	BH15890003	1.1	0.2	PCI/G		COL	UPPER
URANIUM-238	B302089	BH17890306	1.15	0.3	PCI/G		COL	UPPER
URANIUM-238	B302089	BH17890003	2.3	0.4	PCI/G		COL	UPPER
URANIUM-238	B401989	BH16890309	0.8	0.2	PCI/G		COL	UPPER
URANIUM-238	B401989	BH16890915	0.9	0.2	PCI/G		COL	UPPER
URANIUM-238	B401989	BH16891519	0.9	0.3	PCI/G		COL	UPPER
URANIUM-238	B401989	BH16890003	1.1	0.3	PCI/G		COL	UPPER
URANIUM-238	B402189	BH18890003	0.7	0.2	PCI/G	N	COL	UPPER
URANIUM-238	B402189	BH18890307	1.1	0.3	PCI/G	N	COL	UPPER
URANIUM-238	B200589	BH05891723	0.5	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200589	BH05890003	0.6	0.1	PCI/G		RFA	UPPER
URANIUM-238	B200589	BH05892325	0.6	0.2	PCI/G	N	RFA	UPPER
URANIUM-238	B200589	BH05890308	0.8	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200589	BH05890913	0.8	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200589	BH05891317	0.9	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200589	BH05892530	0.6	0.2	PCI/G	N	RFA	UPPER
URANIUM-238	B200589	BH05890003R	0.9	0.2	PCI/G		RFA	UPPER
URANIUM-238	B200689	BH06890410	0.3	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200689	BH06891016	0.6	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200689	BH06891824	0.7	0.2	PCI/G	N	RFA	UPPER
URANIUM-238	B200689	BH06892430	0.7	0.2	PCI/G	N	RFA	UPPER
URANIUM-238	B200689	BH06890104	0.8	0.2	PCI/G	N	RFA	UPPER

Table A.86 Subsurface Soil Background Radionuclide Data

Analyte	Location	Sample	Result	Error	Units	Validation Qualifier	Geologic Unit	Flow Unit
URANIUM-238	B200689	BH06891618	0.9	0.2	PCI/G	N	RFA	UPPER
URANIUM-238	B200689	BH06890003	0.5	0.2	PCI/G		RFA	UPPER
URANIUM-238	B200789	BH07891218	0.3	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200789	BH07890612	0.4	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200789	BH07892426	0.4	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200789	BH07890103	0.6	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200789	BH07890306	0.6	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200789	BH07891824	0.7	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200789	BH07890003	0.6	0.2	PCI/G	N	RFA	UPPER
URANIUM-238	B200889	BH08891420	0.35	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200889	BH08890106	0.4	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200889	BH08890608	0.4	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200889	BH08892022	0.4	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200889	BH08890814	0.5	0.1	PCI/G	N	RFA	UPPER
URANIUM-238	B200889	BH08890003	0.6	0.2	PCI/G	N	RFA	UPPER
URANIUM-238	B200989	BH09890104	0.4	0.1	PCI/G		RFA	UPPER
URANIUM-238	B200989	BH09891016	0.5	0.1	PCI/G		RFA	UPPER
URANIUM-238	B200989	BH09891620	0.6	0.1	PCI/G		RFA	UPPER
URANIUM-238	B200989	BH09890410	3.2	0.2	PCI/G		RFA	UPPER
URANIUM-238	B200989	BH09890003	0.7	0.2	PCI/G	N	RFA	UPPER
URANIUM-238	B400289	BH02890003	0.5	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400289	BH02890915	0.5	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400289	BH02890309	0.7	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400289	BH02892130	0.85	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400289	BH02891521	0.8	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400289	BH02893036	0.3	0.1	PCI/G		RFA	UPPER
URANIUM-238	B400289	BH02893642	0.4	0.1	PCI/G		RFA	UPPER
URANIUM-238	B400289	BH02894248	0.7	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400389	BH03892733	0.5	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400389	BH03890003	0.65	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400389	BH03891521	0.5	0.1	PCI/G		RFA	UPPER
URANIUM-238	B400389	BH03892127	0.5	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400389	BH03893339	0.6	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400389	BH03890309	0.7	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400389	BH03890915	0.7	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400389	BH03893945	0.7	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400389	BH03894548	1.1	0.3	PCI/G		RFA	UPPER
URANIUM-238	B400489	BH04890309	0.4	0.1	PCI/G		RFA	UPPER
URANIUM-238	B400489	BH04891521	0.4	0.1	PCI/G		RFA	UPPER
URANIUM-238	B400489	BH04890003	0.5	0.1	PCI/G		RFA	UPPER
URANIUM-238	B400489	BH04890915	0.6	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400489	BH04892127	0.6	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400489	BH04894046	0.2	0.1	PCI/G		RFA	UPPER
URANIUM-238	B400489	BH04893840	0.5	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400489	BH04892733	0.6	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400489	BH04894652	0.6	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400489	BH04893538	0.7	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400489	BH04895254	0.9	0.2	PCI/G		RFA	UPPER
URANIUM-238	B400489	BH04893335	1	0.2	PCI/G		RFA	UPPER
URANIUM-238	B405189	BH01890003	0.6	0.2	PCI/G	N	WCS	UPPER
URANIUM-238	B405189	BH01890309	0.6	0.1	PCI/G	N	WCS	UPPER
URANIUM-238	B405189	BH01891521	0.6	0.1	PCI/G	N	WCS	UPPER
URANIUM-238	B405189	BH01892127	0.8	0.2	PCI/G	N	WCS	UPPER
URANIUM-238	B405189	BH01890915	0.9	0.2	PCI/G	N	WCS	UPPER
URANIUM-238	B405189	BH01893638	0.7	0.2	PCI/G	N	WCS	UPPER
URANIUM-238	B405189	BH01894448	0.7	0.2	PCI/G	N	WCS	UPPER
URANIUM-238	B405189	BH01893036	0.8	0.2	PCI/G	N	WCS	UPPER
URANIUM-238	B405189	BH01893844	0.9	0.2	PCI/G	N	WCS	UPPER

700

Table A.87 Surface Soil Background Data Summary
(mg/kg inorganic, pCi/g radionuclides)

Analyte	CAS Number	Sample Size	Percent Detects	Minimum	Maximum	Mean	Standard Deviation
ALUMINUM	7429-90-5	20	100	4050	17100	10202	3256
ARSENIC	7440-38-2	20	100	2.3	9.6	6.1	2
CADMIUM	7440-43-9	20	61	0.295	2.3	0.71	0.46
CHROMIUM	7440-47-3	20	100	5.5	16.9	11.24	2.78
MANGANESE	7439-96-5	20	100	129	357	237	63.9
AMERICIUM-241	14596-10-2	50	100	0.001	0.025	0.011	0.006
PLUTONIUM-239/240	10-12-8	50	100	0.017	0.076	0.039	0.015
URANIUM-233,-234	11-08-5	20	100	0.66	3.1	1.10	5.78
URANIUM-235	15117-96-1	20	100	0.033	0.11	0.54	0.02
URANIUM-238	7440-61-1	20	100	0.74	2.6	1.09	0.46

Table A.88 Subsurface Soil Background Data Summary
(mg/kg inorganics or pCi/g radionuclides)

Analyte	CAS Number	Sample Size	Percent Detects	Minimum	Maximum	Mean	Standard Deviation
ALUMINUM	7429-90-5	98	99	279	102000	12713	11335
ARSENIC	7440-38-2	99	71	0.27	41.8	3.65	4.42
BARIUM	7440-39-3	99	89	12.9	777	96.1	96.6
CADMIUM	7440-43-9	99	7	0.08	1.5	0.58	0.30
CHROMIUM	7440-47-3	99	85	4.1	176	19.6	24.3
IRON	7439-89-6	99	100	1300	132000	14532	13257
MANGANESE	7439-96-5	99	100	37	3330	218	342
AMERICIUM-241	14596-10-2	28	100	-0.02	0.01	0	0.01
PLUTONIUM-239/240	10-12-8	83	100	-0.01	0.03	0	0.01
URANIUM-233/234	11-08-5	99	100	0.2	8.9	0.78	0.93
URANIUM-235	15117-96-1	99	100	0	0.2	0.02	0.05
URANIUM-238	7440-61-1	99	100	0.2	3.2	0.73	0.38

Table B-1. Development of Wildlife Refuge Worker Exposure Units[1]

Individual	Job category	Task	% time indoors	hours in small areas outdoors (0-10 acres)	% time in small areas at specific tasks	hours in medium areas outdoors (10-500 acres)	% time in medium areas outdoors	hours in large areas outdoors (500-6000 acres)	% time in large areas outdoors
*M-A ^	Maintenance Mechanic	Indoors	10						
*M-A ^	Maintenance Mechanic	building equipment maintenance		383	100	0	0	0	0
*M-A ^	Maintenance Mechanic	driving		0	0	634	100	0	0
*M-A ^	Maintenance Mechanic	gravel		0	0	25	100	0	0
*M-A ^	Maintenance Mechanic	irrigation		317	50	317	50	0	0
*M-A ^	Maintenance Mechanic	post holes		16	100	0	0	0	0
		total							
*MV-F	Maintenance Mechanic	Indoors	25						
*MV-F	Maintenance Mechanic	driving		0	0	216	100	0	0
*MV-F	Maintenance Mechanic	spraying		4.33	33.3	4.33	33.3	4.33	33.3
*MV-F	Maintenance Mechanic	equipment maintenance		264	100	0	0	0	0
*MV-F	Maintenance Mechanic	painting		65	100	0	0	0	0
*MV-F	Maintenance Mechanic	snow plows		390	100	0	0	0	0
*MV-F	Maintenance Mechanic	disking		0	0	20	100	0	0
*MV-F	Maintenance Mechanic	post holes		4	100	0	0	0	0
*MV-F	Maintenance Mechanic	grading/dike repair		0	0	33	100	0	0
*MV-F	Maintenance Mechanic	mowing		684.5	50	684.5	50	0	0
*MV-F	Maintenance Mechanic	trail maintenance		36	50	36	50	0	0
		total							
*CO-I ^	Maintenance Mechanic	Indoors	25						
*CO-I ^	Maintenance Mechanic	inspect dams/peizometers		60	50	60	50	0	0
*CO-I ^	Maintenance Mechanic	sewer treatment plant maintenance		384	100	0	0	0	0
*CO-I ^	Maintenance Mechanic	carpentry/painting/repairs		352	100	0	0	0	0
*CO-I ^	Maintenance Mechanic	installing concrete pad		8	100	0	0	0	0
*CO-I ^	Maintenance Mechanic	sign posts		31	100	0	0	0	0
*CO-I ^	Maintenance Mechanic	control waterline breakdown		80	100	0	0	0	0
		total							
*M-B ^	Eng. Equip. Oper.	Indoors	20						
*M-B ^	Eng. Equip. Oper.	driving		0	0	165	100	0	0
*M-B ^	Eng. Equip. Oper.	fencing		0	0	70	100	0	0
*M-B ^	Eng. Equip. Oper.	**prescribed burning**		0	0	80	100	0	0
*M-B ^	Eng. Equip. Oper.	building maintenance		280	100	0	0	0	0
*M-B ^	Eng. Equip. Oper.	irrigation		120	50	120	50	0	0
*M-B ^	Eng. Equip. Oper.	mowing		17.5	50	17.5	50	0	0
*M-B ^	Eng. Equip. Oper.	blade roads		0	0	140	100		
*M-B ^	Eng. Equip. Oper.	excavate gravel		160	100	0	0		
*M-B ^	Eng. Equip. Oper.	waterline maintenance		80	100	0	0		
*M-B ^	Eng. Equip. Oper.	dig irrigation ditches/repair dikes		0	0	60	100		
*M-B ^	Eng. Equip. Oper.	dig duck ponds/dikes		0	0	240	100	0	0
*M-B ^	Eng. Equip. Oper.	dig road from quarry		0	0	160	100	0	0
		total							
*MV-C ^	Eng. Equip. Oper.	Indoors	10						
*MV-C ^	Eng. Equip. Oper.	place rib-rap/dike enforcement		175	100	0	0	0	0
*MV-C ^	Eng. Equip. Oper.	**prescribed burning**		0	0	110	100	0	0
*MV-C ^	Eng. Equip. Oper.	repair eqpmt/vandalism/property maint.		329	100	0	0	0	0

Table B-1. Development of Wildlife Refuge Worker Exposure Units[1]

Individual	Job category	Task	% time indoors	hours in small areas outdoors (0-10 acres)	% time in small areas at specific tasks	hours in medium areas outdoors (10-500 acres)	% time in medium areas outdoors	hours in large areas outdoors (500-6000 acres)	% time in large areas outdoors
*MV-C ^	Eng. Equip. Oper.	driving		0	0	227	100	0	0
*MV-C ^	Eng. Equip. Oper.	snow removal		42	100	0	0	0	0
*MV-C ^	Eng. Equip. Oper.	firebreaks		0	0	70	100	0	0
*MV-C ^	Eng. Equip. Oper.	grading roads		0	0	168	100	0	0
*MV-C ^	Eng. Equip. Oper.	build/repair dike/water control structures/trails		144	50	144	50	0	0
*MV-C ^	Eng. Equip. Oper.	excavate impoundments		70	100	0	0	0	0
		total							
*CO-L ^	Eng. Equip. Oper.	Indoors	15						
*CO-L ^	Eng. Equip. Oper.	driving		0	0	192	100	0	0
*CO-L ^	Eng. Equip. Oper.	indoor carpentry/maint.		272	100	0	0	0	0
*CO-L ^	Eng. Equip. Oper.	snow plowing		14	100	0	0	0	0
*CO-L ^	Eng. Equip. Oper.	blading roads		0	0	255	100	0	0
*CO-L ^	Eng. Equip. Oper.	mowing		35	50	35	50	0	0
*CO-L ^	Eng. Equip. Oper.	ditching		140	100	0	0	0	0
*CO-L ^	Eng. Equip. Oper.	wetlands mgmt.		0	0	210	100	0	0
*CO-L ^	Eng. Equip. Oper.	ditches for roads		0	0	35	100	0	0
*CO-L ^	Eng. Equip. Oper.	repair waterline breaks		105	100	0	0	0	0
*CO-L ^	Eng. Equip. Oper.	trenching/pond installation		105	100	0	0	0	0
*CO-L ^	Eng. Equip. Oper.	install/replace sewer lines		70	100	0	0	0	0
		total							
*CO-J ^	Tractor Operator	Indoors	10						
*CO-J ^	Tractor Operator	driving		0	0	85	100	0	0
*CO-J ^	Tractor Operator	indoor maintenance		179	100	0	0	0	0
*CO-J ^	Tractor Operator	area cleanup		45	100	0	0	0	0
*CO-J ^	Tractor Operator	mowing		525	50	525	50	0	0
*CO-J ^	Tractor Operator	corn cutting		0	0	28	100	0	0
*CO-J ^	Tractor Operator	water line maintenance		85	100	0	0	0	0
*CO-J ^	Tractor Operator	repair waterline breaks		152	100	0	0	0	0
		total							
*M-F	Habitat Mngmt Specialist	Indoors	50						
*M-F	Habitat Mngmt Specialist	assist biologist/survey		15	33.5	15	33.5	15	33.5
*M-F	Habitat Mngmt Specialist	driving		0	0	178	100	0	0
*M-F	Habitat Mngmt Specialist	coop farming oversite		135	50	135	50	0	0
*M-F	Habitat Mngmt Specialist	horseback/ATV riding		0	0	0	0	357	100
*M-F	Habitat Mngmt Specialist	wildlife and habitat survey		47.67	33.3	47.67	33.3	47.67	33.3
*M-F	Habitat Mngmt Specialist	tree planting		4	50	4	50	0	0
		total							
*MV-B	Wildlife Biologist	Indoors	60						
*MV-B	Wildlife Biologist	veg survey		21.33	33.3	21.33	33.3	21.33	33.3
*MV-B	Wildlife Biologist	**prescribed burning**		0	0	80	100	0	0
*MV-B	Wildlife Biologist	wildlife surveys (species/habitats)		100	33.3	100	33.3	100	33.3
*MV-B	Wildlife Biologist	benthic samples		48	50	48	50	0	0
		total							
*CO-F	Wildlife Biologist	Indoors	33						
*CO-F	Wildlife Biologist	survey & census, mostly waterfowl		160	33.3	160	33.3	160	33.3

Table B-1. Development of Wildlife Refuge Worker Exposure Units[1]

Individual	Job category	Task	% time indoors	hours in small areas outdoors (0-10 acres)	% time in small areas at specific tasks	hours in medium areas outdoors (10-500 acres)	% time in medium areas outdoors	hours in large areas outdoors (500-6000 acres)	% time in large areas outdoors
*CO-F	Wildlife Biologist	driving		0	0	243	100	0	0
*CO-F	Wildlife Biologist	seeding		0	0	80	100	0	0
*CO-F	Wildlife Biologist	wetlands mgmt.		0	0	240	100	0	0
*CO-F	Wildlife Biologist	observe coop farming		112	50	112	50	0	0
*CO-F	Wildlife Biologist	beaver dam/muskrat dam cleaning		135	100	0	0	0	0
*CO-F	Wildlife Biologist	refuge farming		0	0	96	100	0	0
*CO-F	Wildlife Biologist	tree planting		32	50	32	50	0	0
*CO-F	Wildlife Biologist	fence posts		21	100	0	0	0	0
		total							
*M-H	Wildlife Biologist Assistant	Indoors	40						
*M-H	Wildlife Biologist Assistant	environmental education/tours		40	100	0	0	0	0
*M-H	Wildlife Biologist Assistant	wildlife & plant surveys		90.67	33.3	90.67	33.3	90.67	33.3
*M-H	Wildlife Biologist Assistant	driving		0	0	396	100	0	0
		total							
*MV-A	Bio. Tech.	Indoors	30						
*MV-A	Bio. Tech.	driving		0	0	266	100	0	0
*MV-A	Bio. Tech.	**burning**		0	0	70	100	0	0
*MV-A	Bio. Tech.	refuge maintenance		116.67	33.3	116.67	33.3	116.67	33.3
*MV-A	Bio. Tech.	spraying		35	33.3	35	33.3	35	33.3
*MV-A	Bio. Tech.	wetlands restoration (survey)		0	0	12	100	0	0
*MV-A	Bio. Tech.	benthic samples		48	50	48	50	0	0
*MV-A	Bio. Tech.	wildlife surveys (species/habitats)		350	33.3	350	33.3	350	33.3
*MV-A	Bio. Tech.	predator survey		8	33.3	8	33.3	8	33.3
*MV-A	Bio. Tech.	firebreaks		0	0	8	100	0	0
*MV-A	Bio. Tech.	beaver dam/muskrat dam cleaning		104	100	0	0	0	0
		total							
*CO-C ^	Bio. Tech.	Indoors	20						
*CO-C ^	Bio. Tech.	crop checks/observe harvest/yield calcs/driving		319.5	50	319.5	50	0	0
*CO-C ^	Bio. Tech.	mowing		56.5	50	56.5	50	0	0
*CO-C ^	Bio. Tech.	disking/wetlands restoration		0	0	451	100	0	0
*CO-C ^	Bio. Tech.	wetlands restoration		0	0	45	100	0	0
		total							
*M-J ^	Work Supervisor	Indoors	20						
*M-J ^	Work Supervisor	driving		0	0	854	100	0	0
*M-J ^	Work Supervisor	surface grading		0	0	72	100	0	0
*M-J ^	Work Supervisor	trenching/fence posts/ditching/impoundment/ construction/dirt moving/grading		107	50	107	50	0	0
		total							
*CO-K ^	Maintenance Supervisor	Indoors	25						
*CO-K ^	Maintenance Supervisor	driving		0	0	575	100	0	0
*CO-K ^	Maintenance Supervisor	walking water lines		0	0	28	100	0	0
*CO-K ^	Maintenance Supervisor	mowing, brush cutting		70	50	70	50	0	0
*CO-K ^	Maintenance Supervisor	prescribed burning		0	0	20	100	0	0
*CO-K ^	Maintenance Supervisor	snow plowing		10	100	0	0	0	0
*CO-K ^	Maintenance Supervisor	disking		0	0	20	100	0	0

Table B-1. Development of Wildlife Refuge Worker Exposure Units[1]

Individual	Job category	Task	% time indoors	hours in small areas outdoors (0-10 acres)	% time in small areas at specific tasks	hours in medium areas outdoors (10-500 acres)	% time in medium areas outdoors	hours in large areas outdoors (500-6000 acres)	% time in large areas outdoors
*CO-K ^	Maintenance Supervisor	repair waterline breaks		30	100	0	0	0	0
		total							
*M-C	Archaeologist	Indoors	50						
*M-C	Archaeologist	survey/monitor sites		430	33.3	430	33.3	430	33.3
*M-C	Archaeologist	driving		0	0	480	100	0	0
*M-C	Archaeologist	observe earth moving		40	100	0	0	0	0
*M-C	Archaeologist	recover artifacts		150	100	0	0	0	0
*M-C	Archaeologist	soil profile cleaning		80	100	0	0	0	0
		total							
*M-K	Assistant Archaeologist	Indoors	50						
*M-K	Assistant Archaeologist	pedestrian surveys, monitoring, surveying/mapping		210	33.3	210	33.3	210	33.3
*M-K	Assistant Archaeologist	field trips		13.33	33.3	13.33	33.3	13.33	33.3
*M-K	Assistant Archaeologist	collecting surface artifacts		180	50	180	50	0	0
		total							
*CO-B	Supervisor Refuge Operatio	Indoors	40						
*CO-B	Supervisor Refuge Operatio	driving		0	0	102	100	0	0
*CO-B	Supervisor Refuge Operatio	**prescribed burning**		0	0	25	100	0	0
*CO-B	Supervisor Refuge Operatio	habitat survey		67.67	33.3	67.67	33.3	67.67	33.3
*CO-B	Supervisor Refuge Operatio	monitoring field work, property checks, walking		0	0	0	0	406	100
*CO-B	Supervisor Refuge Operatio	monitoring plowed fields		2.5	50	2.5	50	0	0
*CO-B	Supervisor Refuge Operatio	firebreaks		0	0	10	100	0	0
*CO-B	Supervisor Refuge Operatio	monitor trenching/water line repair		152	100	0	0	0	0
		total							
*CO-E	Forester	Indoors	50						
*CO-E	Forester	**prescribed burning**		0	0	100	100	0	0
*CO-E	Forester	marking timber/forest inventories		0	0	80	50	80	50
*CO-E	Forester	interpretive walks		6	50	6	50	0	0
*CO-E	Forester	driving		0	0	347	100	0	0
*CO-E	Forester	tree planting		30	50	30	50	0	0
		total							
*M-I	Fire Mngmt Officer	Indoors	50						
*M-I	Fire Mngmt Officer	driving/including surveys		0	0	365	100	0	0
*M-I	Fire Mngmt Officer	observe burning		0	0	120	100	0	0
*M-I	Fire Mngmt Officer	wildlife surveys		12	33.3	12	33.3	12	33.3
*M-I	Fire Mngmt Officer	monitor firebreaks		0	0	8	100	0	0
*M-I	Fire Mngmt Officer	monitor burns and firebreaks		0	0	28	100	0	0
		total							
M-D ^	Refuge Manager	Indoors	90						
M-D ^	Refuge Manager	driving		0	0	50	100	0	0
M-D ^	Refuge Manager	observe contractors		49	100	0	0	0	0
M-D ^	Refuge Manager	observing archaelogical digs		3	100	0	0	0	0
M-D ^	Refuge Manager	observe gravel pit operations (monitor controls)		10	100	0	0	0	0
		total							
MV-E ^	Refuge Manager	Indoors	90						
MV-E ^	Refuge Manager	monitor/writing/evaluate activities		124	100	0	0	0	0

Table B-1. Development of Wildlife Refuge Worker Exposure Units[1]

Individual	Job category	Task	% time indoors	hours in small areas outdoors (0-10 acres)	% time in small areas at specific tasks	hours in medium areas outdoors (10-500 acres)	% time in medium areas outdoors	hours in large areas outdoors (500-6000 acres)	% time in large areas outdoors
MV-E ^	Refuge Manager	driving		0	0	46	100	0	0
MV-E ^	Refuge Manager	monitoring prescribed burning		0	0	90	100	0	0
MV-E ^	Refuge Manager	firebreaks		0	0	4	100	0	0
		total							
CO-G	Refuge Manager	Indoors	60						
CO-G	Refuge Manager	driving		0	0	207	100	0	0
CO-G	Refuge Manager	**prescribed burns**		0	0	40	100	0	0
CO-G	Refuge Manager	walking/property review		70.67	33.3	70.67	33.3	70.67	33.3
CO-G	Refuge Manager	walking/monitoring/observing		132.5	50	132.5	50	0	0
CO-G	Refuge Manager	surficial soil sampling		82	50	82	50	0	0
CO-G	Refuge Manager	walking over farmed area		0	0	5	100	0	0
CO-G	Refuge Manager	firebreaks		0	0	20	100	0	0
CO-G	Refuge Manager	oversight of water line maintenance/and fill operations/trenching		119	100	0	0	0	0
		total							
M-G	Asst. Refuge Manager	Indoors	70						
M-G	Asst. Refuge Manager	driving		0	0	45	100	0	0
M-G	Asst. Refuge Manager	monitor road work		38	50	38	50	0	0
M-G	Asst. Refuge Manager	ATV/hiking		0	0	0	0	400	100
M-G	Asst. Refuge Manager	dike maintenance, monitoring		20	50	20	50	0	0
M-G	Asst. Refuge Manager	monitor construction		104	100	0	0	0	0
		total							
MV-D ^	Refuge Operations Specialis	Indoors	85						
MV-D ^	Refuge Operations Specialis	monitor/evaluating activites		121.5	50	121.5	50	0	0
MV-D ^	Refuge Operations Specialis	driving		0	0	39	100	0	0
		total							
M-E	Outdoor Rec. Planner	Indoors	50						
M-E	Outdoor Rec. Planner	driving		0	0	216	100	0	0
M-E	Outdoor Rec. Planner	hiking/tours		72	33.3	72	33.3	72	33.3
M-E	Outdoor Rec. Planner	tree planting		60	50	60	50	0	0
M-E	Outdoor Rec. Planner	sign posts		180	100	0	0	0	0
		total							
MV-J	Outdoor Rec. Planner	Indoors	80						
MV-J	Outdoor Rec. Planner	driving		0	0	127	100	0	0
MV-J	Outdoor Rec. Planner	giving tours		16.67	33.3	16.67	33.3	16.67	33.3
MV-J	Outdoor Rec. Planner	**prescribed burns**		0	0	105	100	0	0
MV-J	Outdoor Rec. Planner	inspection/planning		22.5	50	22.5	50	0	0
		total							
CO-D	Outdoor Rec. Planner	Indoors	90						
CO-D	Outdoor Rec. Planner	interpretive walks/photography		16.67	33.3	16.67	33.3	16.67	33.3
CO-D	Outdoor Rec. Planner	monitor volunteers/interns/YCC		40	50	40	50	0	0
		total							
CO-A	Admin. Officer	Indoors	70						
CO-A	Admin. Officer	driving		0	0	50	100	0	0
CO-A	Admin. Officer	**prescribed burns**		0	0	40	100	0	0

Table B-1. Development of Wildlife Refuge Worker Exposure Units[1]

Individual	Job category	Task	% time indoors	hours in small areas outdoors (0-10 acres)	% time in small areas at specific tasks	hours in medium areas outdoors (10-500 acres)	% time in medium areas outdoors	hours in large areas outdoors (500-6000 acres)	% time in large areas outdoors
CO-A	Admin. Officer	property checks		43.33	33.3	43.33	33.3	43.33	33.3
CO-A	Admin. Officer	firebreaks		0	0	15	100	0	0
		total							
MV-G ^	Refuge guide	Indoors	80						
MV-G ^	Refuge guide	assist in interpretive program		30	100	0	0	0	0
MV-G ^	Refuge guide	bird banding		248	100	0	0	0	0
		total							
MV-H ^	Refuge guide	Indoors	80						
MV-H ^	Refuge guide	interpretive program		864	100	0	0	0	0
MV-H ^	Refuge guide	bird banding		16	100	0	0	0	0
		total							
MV-I	Refuge guide	Indoors	80						
MV-I	Refuge guide	train volunteers/project		120	100	0	0	0	0
MV-I	Refuge guide	litter cleanups		0	0	15	100	0	0
MV-I	Refuge guide	driving		0	0	27	100	0	0
MV-I	Refuge guide	environmental games for interpretive program		60	50	50	50	0	0
MV-I	Refuge guide	tours		40	33.3	40	33.3	40	33.3
		total							
CO-H ^	Refuge guide	Indoors	90						
CO-H ^	Refuge guide	driving, including tours		0	0	96	100	0	0
CO-H ^	Refuge guide	trail tours		5	50	5	50	0	0
CO-H ^	Refuge guide	post holes		12	100	0	0	0	0
		total							

1. Estimation of Areas in which specific tasks performed by Wildlife Refuge Workers could take place, developed by CDPHE.

Data used: Times for specific tasks reported by Wildlife Refuge Workers in Rocky Mountain Arsenal (RMA) survey, 1990.
* = those individuals who reported they work at least 50% of their time outside.
^ = those individual who reported no work in year surveyed that typically is done on large areas

Original survey data from: Table B.2-14 (RMA IEA/RC Appendix B, 8/93) (reported times at middle and higher activities, outdoors) and from Table B.2att2-1,2,3,4,5,& 6 (RMA IEA/RC Appendix B, 2/15/94) (reported times doing specific tasks).
Survey was performed by Shell for the Army's Baseline Risk Assessment for the RMA.
Wildlife Refuge Workers from Malheur, Oregon (M), Minnesota Valley, MN (MV) and Crab Orchard, IL (CO) Wildlife Refuge Workers were included in the survey.
Carl Spreng and Diane Niedzwiecki of CDPHE then exercised their professional judgement in deciding how much land each type of task would typically be performed on.

Table B-2. Basis for 20 days WLRW Subsurfac Exposure Frequency

hours	%		
4	50		
32	50		
21	100		
8	100		
80	100		
10	100		
30	50		
60	50		
180	100		
hrs.	days		
Mean	Mean	Min	Max
47.2	6	0.5	22.5

Data from Table B-1
Subsurface activities for individuals spending 30 to 70% time outside
Used to estimate exposure frequency for subsurface exposures

Table B3. Calculations of Exposure Unit based on times a Wildlife Refuge Worker might typically spend working on specific size areas at Rocky Flats

			small areas outdoors (0-10 acres)		medium areas outdoors (10-500 acres)		large areas outdoors (500-6000 acres)
All workers	total n (tasks with hours reported) for all workers		180		180		180
N = 33	total hours spent by all workers in specific size areas:	small	12533.01	medium	15471.01	large	3184.01
	total time spent in all areas combined:		31188.03		31188.03		31188.03
	proportional time weighted factor, w_h	w_{small}	0.401853211	w_{medium}	0.496056019	w_{large}	0.10209077
	mean size of h strata, (acres) (professional judgment)		5		255		3251.091
			2.009266055		126.4942848		331.906384
	Mean EU size (time-weighted) (acres)	**460.4**					
Biological workers, *	biological worker = those who spent at least 50% of time working outside (marked by *)						
N = 20	total n (tasks with hours reported) for biological workers		131		131		131
	total hours spent by biological workers in specific size areas:	small	9813.17	medium	13393.17	large	2524.67
	total time spent in all areas combined:		25731.01		25731.01		25731.01
	proportional time weighted factor, w_h	w_{small}	0.381375236	w_{medium}	0.520506968	w_{large}	0.0981178
	mean size of h strata, (acres) (professional judgment)		5		255		3251.091
	Mean EU size (time-weighted) (acres)	**453.6**					

Table B3. Calculations of Exposure Unit based on times a Wildlife Refuge Worker might typically spend working on specific size areas at Rocky Flats

Small-medium area workers, ^	small-med area workers spent 0 time in large area (^)						
	total n (tasks with hours reported) for small-med area workers		81		81		81
N = 15	total hours spent by small-med workers in specific size areas:	small	6851	medium	7242	large	0
	total time spent in all areas combined:		14093		14093		14093
	proportional time weighted factor, w_h	w_{small}	0.486127865	w_{medium}	0.513872135	w_{large}	0
	mean size of h strata, (acres) (professional judgment)		5		255		3251.091
	Mean EU size (time-weighted) (acres)	**133.47**					
	RSALs	**300**					

Please note:

- An exposure unit (EU) does NOT equal a sampling unit.
- An EU is the area over which long-term exposure for a given receptor is estimated.
- Data collected in a particular EU is averaged together to get an idea of the concentration to which that receptor would be exposed over a long period.
- Dissimilar data should not be combined into a single EU, since they may represent more than one population.
- The size of sampling units in a particular area should be determined by the confidence one has in the available data and in the historical evidence for contamination there.
- If an area was known to be contaminated or if the available data indicates the variability is high, the sampling unit would be smaller, since the statistical confidence is lower.
- EPA DQO guidance indicates that acceptable statistical confidence levels need to be chosen up-front. These confidence limits can be used to determine sampling unit size.

C.1 Appendix C Table of Contents

Spreadsheets Used to Calculate Human Health Risk and Hazards for the Solar Ponds Risk Assessment		
Step	**Worksheet**	**Description**
1	"2002 Toxicity"	Presents toxicity factors used in the calculations.
2	"U Conversion"	Converts concentrations of uranium isotopes from pCi/g to mg/kg.
3	"Exp. pt conc"	Presents chemicals of concern for the Solar Evaporation Ponds (IHSS 101) risk assessment including: number of samples; percent detection; minimum; maximum; mean; and 95% UCL.
4	"Equations WLRW"	Presents equations used in calculations.
5	"WLRW Surface Intakes"	Presents factors used to calculate chemical intakes for a wildlife refuge worker from surface soil exposures, calculates intakes and presents the results.
6	"WLRW Surface Soil Risk"	Presents factors used to calculate human health risks and hazards to a wildlife refuge worker from surface soil exposures, calculates risks and hazards and presents the results.
7	"WLRW Subsurface Intakes"	Presents factors used to calculate chemical intakes for a wildlife refuge worker from subsurface soil exposures, calculates intakes and presents the results.
8	"WLRW Subsurface Soil Risk"	Presents factors used to calculate human health risks and hazards to a wildlife refuge worker from subsurface soil exposures, calculates risks and hazards and presents the results.
9	"% Risk by COC"	Presents the percent of the total risk due to each COC by exposure pathway and media.
10	"Summary"	Summarizes results of the assessment.

C.2 Toxicity Factors Used in the SEP Risk Assessment

Toxicity Factors															
Chemical	CAS Number	Dermal Absorption Fraction	Oral RfD (mg/kg-day)		Dermal Adjusted RfD	Oral Ingestion Slope Factor (mg/kg-day)		Inhalation RfD (mg/kg-day)				Inhalation Slope Factor (mg/kg-day)		External Slope Factor	
Cadmium	7440-43-9	0.001	1.00E-03	I	2.50E-05	--		5.70E-05	E			6.30E+00	I		
Chromium[2]	7440-47-3	0.001	3.00E-03	I	7.50E-05	--		3.00E-05	I			4.10E+01	H		
Radionuclide			Oral RfD (mg/kg-day)			Oral/Ingestion Slope Factors (f) (risk/pCi) Water Ingestion		Food Ingestion		Soil Ingestion		(risk/pCi)		(risk/yr per pCi/g)	
Am-241	14596-10-2					1.04E-10	E	1.34 E-10	E	9.1E-11	R	2.78E-08	E	2.76E-08	E
Pu-239	15117-48-3					1.35E-10	E	1.74E-10	E	1.21E-10	R	3.33E-08	E	2.00E-10	E
U-234	13966-29-5	0.001	3.00E-03	I		7.07E-11	E	9.55E-11	E	5.11E-11	R	1.14E-08	E	2.52E-10	E
U-235	15117-96-1	0.001	3.00E-03	I		6.96E-11	E	9.44E-11	E	4.92E-11	R	1.01E-08	E	5.18E-07	E
U-238	7440-61-1	0.001	3.00E-03	I		6.4E-11	E	8.66E-11	E	4.66E-11	R	9.35E-09	E	4.99E-11	E

Notes:

1. Values for DAF (fraction absorbed through skin) are from EPA, 2001. Values for chromium are default values based on the value for cadmium.
2. Assessed as chromium (VI).

I = IRIS
E = NCEA provisional value
H = HEAST
R = RSALS PPRG Tables

References:

IRIS, 2001 = U.S. Environmental Protection Agency. 1998. Integrated Risk Information System. On-line database. Office of Research and Development, Cincinnati, OH. June.

HEAST 1997 = U.S. Environmental Protection Agency. 2001. Health Effects Assessment Summary Tables

HEAST 2001 = U.S. Environmental Protection Agency. 2001. Health Effects Assessment Summary Tables, Radionuclide Table, EPA, Office of Radiation and Indoor Air (ORIA), April.

EPA 2001 = U.S. Environmental Protection Agency. 2001. Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment), Interim, EPA/540/R/99/oo5, OSWER 9285.7-02EP, PB99-963312, September.

C.3 SEP Uranium Conversion fron Activity to Mass

Assumptions:

Specific Activity

U-238	3.35E-07	Ci/g	1.24E-08	TBq/g
U-235	2.16E-06	Ci/g	7.99E-08	TBq/g
U-234	6.24E-03	Ci/g	2.31E-04	TBq/g

Assumed: U-234 Accounts for all U-233/U-234 Activity

Calculations: To convert from pCi/g to mg/kg

g of material per kg
1000

Surface Soil COCs:

	pCi/g	Ci/kg	g/kg	mg/kg
U-233/U-234	6.53	6.53E-09	1.05E-06	1.05E-03
U-235	0.289	2.89E-10	1.34E-04	1.34E-01
U-238	3.77	3.77E-09	1.13E-02	1.13E+01

Pond Liner Material COCs:

U-235	0.27	2.70E-10	1.25E-04	1.25E-01
U-238	2.68	2.68E-09	8.00E-03	8.00E+00

Subsurface Soil COCs:

U-233/U-234	3.65	3.65E-09	5.84E-07	5.84E-04
U-235	0.153	1.53E-10	7.09E-05	7.09E-02
U-238	2.14	2.14E-09	9.88E-04	9.88E-01

C.4 Exposure point Concentrations Used in the SEP Risk Assessment

Exposure Point Concentrations for Solar Evaporation Ponds Human Health Risk Assessment							
Analyte	No. of Samples	Percent Detection	Minimum Detect	Maximum Detect	Mean (1)	95% UCL	95% UCL
		%	mg/kg or pCi/g	mg/kg or pCi/g	mg/kg or pCi/g	mg/kg	pCi/g
Surface Soil COCs							
Cadmium	73	59	0.135	382	20.1	38.1	
Chromium	73	97	0.47	120	20.3	24.8	
Americum-241	69	100%	0.011	130	9.11		**34.2**
Plutonium-239/240	60	100%	0.013	56	4.19		**16.5**
Uranium-234	71	100%	0.51	63.4	4.16	**0.001**	**6.5**
Uranium-235	71	76%	-0.008	2.3	0.186	**0.13**	**0.29**
Uranium-238	72	100%	0.31	27	2.73	**11.3**	**3.77**
Pond Liner Material COCs							
Chromium	15	100%	5.7	**37.5**	15.4		21.3
Americium-241	15	60%	0.003	**8.19**	1.70		10589
Uranium-235	15	67%	0.018	**0.27**	0.13	**0.13** a	0.21
Uranium-238	15	100%	0.52	**2.68**	1.40	**8.00** a	1.79
Subsurface Soil COCs							
Cadmium	97	30%	0.09	547	1.1	**9.6**	
Americum-241	95	86%	-0.04	6.1	0.487		**0.69**
Plutonium-239/240	98	83%	-0.06	19.78	0.639		**1.20**
Uranium-234	118	99%	0	21	2.92	**0.0006**	**3.65**
Uranium-235	99	72%	0	0.87	0.13	**0.071**	**0.15**
Uranium-238	118	97%	0.1	11.46	1.40	**0.99**	**2.14**

(1) The bolded values were used as the exposure point concentrations for risk calculations. 95UCL values were used for surfa and subsurface soils. Maximum values were used for the liner per agreement with EPA and CDPHE.

(2) The 95UCL concetrations for mineral uranium was calculated from the 95UCL for the radionuclide.

(a) The value of 0.13 is for the maximum concentration of U-235 in the liner.

C.5 Equations Used in the SEP Risk Assessment

Wildlife Refuge Worker Scenario[1]

Risk Equations - Radionuclides

Inhalation Risk = CSs x IR_h x ET x ETo x EF x ED x AWF x AUF x (1/PEF) x 1000 g/kg x SFi

Ingestion Risk = CSs x IR_s x EF x ED x AWF x AUF x 0.001 g/mg x SFo

External Radiation Risk = CSs x ED x EF/365 x ET/24 x AWF x AUF x SFe x (1-Se)

Risk Equations - Inorganics and Organics

Inhalation Risk = [(CSs x IR_h x ET x ETo x EF x ED x AWF x AUF x (1/PEF))/(BW x ATc)] x SFinh

Ingestion Risk = [(CSs x IR_s x EF x ED x AWF x AUF x 0.000001 mg/kg)/(BW*ATc)] x SFo

Dermal Risk = [(CSs x EF x ED x AWF x AUF x EV x SA_s x AF_d x DAF x 0.000001 mg/kg)/(BW x ATc)] x SFo

Noncarcinogenic Hazard Quotient Equations - Inorganics and Organics

Inhalation HQ = (CSs x IR_h x ET x EF x ED x ETo x AWF x AUF x (1/PEF))/(BW x ATn x RfDi)

Ingestion HQ =(CSs x IR_s x ED x EF x AWF x AUF x 0.000001 mg/kg)/(BW x ATn x RfDo)

Dermal HQ = (CSs x EF x ED x AWF x AUF x EV x SA_s x AF_d x DAF x 0.000001 mg/kg)/(BW x ATn x RfDo)

CSs	Concentration in soil	mg/kg	
IR_h	Hourly inhalation rate	m3/hr	
IR_s	Soil ingestion rate	mg/day	
ET	Exposure time	hr/day	
EF	Exposure frequency	day/yr	
ED	Exposure duration	yr	
ETo	Exposure time fraction, outdoors	unitless	Set to 1
EV	Events per day	ev/d	
AWF	Area Weighting Factor	unitless	
AUF	Area Use Factor	unitless	Set to 1
EF/365	Gamma exposure factor (annual)	unitless	
ET/24	Gamma exposure factor (daily)	unitless	
PEF	Site-specific PEF based on ML	m3/kg	
SA_s	Surface Area of Exposed Skin - Soil	cm^2	
AF_d	Dermal Adherance Factor	mg/cm^2-ev	
DAF	Dermal Absorption Fraction	unitless	
SFinh	Inhalation slope factor	(2)	
SFo	Oral slope factor	(2)	
SFe	External radiation slope factor	(2)	
BW	Body Weight	kg	
ATc	Carcinogenic Averaging Time	days	
ATn	Noncarcinogenic Averaging Time	days	
RfDi	Inhalation reference dose	(mg/kg-day)	
RfDo	Inhalation reference dose	(mg/kg-day)	
ACF	Area correction factor	unitless	
(1 - Se)	Gamma shielding factor	unitless	Set to 1

1. Based on the wildlife refuge worker scenario developed by the RSALS Working Group.

2. Slope factors for inorganic and organic COCs are in units of $(mg/kgday)^{-1}$.
Slope factors for radionuclides inhalation and ingestion exposures are in units of risk/pCi.
Slope factors for External Exposures are in units of risk/yr per pCi/g.

C.6 Calculation Sheet for Surface Soil and Liner Material Intakes

Chemical Intakes for the Wildlife Refuge Worker from Surface Soil and Liner Material at the Solar Ponds				
Wildlife Refuge Worker Exposure Variable	Acronym	Units	Point Estimate	Sources
Body Weight	BW	kg	70	EPA default
Exposure time	ET	hr/day	4	RSALS Task 3
Exposure time fraction, outdoors	ETo	unitless	1	No Building
Area Use Factor	AUF	unitless	1	AOC area/EU area
Exposure frequency	EF	day/yr	230	EPA default of 250 days minus 20 days for subsurface activities
Exposure duration	ED	yr	18.7	RSALS Task 3
Events per day	EV	er/d	1	Unit correction
Carcinogenic Averaging Time	ATc	days	25550	70 yr. x 365 days/yr
Noncarcinogenic Averaging Time	ATn	days	6826	18.7 yr. x 365 days/yr
Hourly inhalation rate	IR_h	m3/hr	1.3	RSALS Task 3
Mass loading	ML	kg/m3	2.12E-08	50th percentile of RSALS distibution
Site-specific PEF based on ML	PEF	m3/kg	47169811	1/ML
Soil ingestion rate	IR_s	mg/day	100	EPA default
Dermal Adherance Factor	AF_d	mg/cm2	0.1	EPA, 2001
Surface Area of Exposed Skin - Soil	SA_s	cm2	4260	EPA, 1997
Area Weighting Factor-Pond liners	AWFpl	unitless	0.2	SEP area/AOC area
Area Weighting Factor-Soils	AWFs	unitless	0.8	Surface soil area/AOC area
Gamma exposure factor (annual)	EF/365	unitless	0.63	EF/365
Gamma exposure factor (daily)	ET/24	unitless	0.17	ET/24 per Rags Part B (EPA, 1993)
Gamma shielding factor	(1 - Se)	unitless	1	EPA, 1993

Chemical Intakes from Surface Soil and Pond Liners for the Wildlife Refuge Worker by Exposure Pathway					
COC	Carcinogenic Intakes from Surface Soil				Total Intake
	Inhalation	Ingestion	Dermal	External	
	mg/kg-day				
Cadmium	8.07E-09	a	a	NA	8.1E-09
Chromium	5.27E-09	a	a	NA	5.3E-09
	Non-Carcinogenic Intakes from Surface Soil				
Cadmium	3.02E-08	2.74E-05	1.17E-04	NA	1.44E-04
Chromium	1.97E-08	1.79E-05	7.62E-05	NA	9.41E-05
Uranium-234	a	7.54E-10	3.21E-09	NA	3.97E-09
Uranium-235	a	9.62E-08	4.10E-07	NA	5.06E-07
Uranium-238	a	8.11E-06	3.46E-05	NA	4.27E-05
	Radiation Intakes from Surface Soil				
	pCi			yr/pCi/g	
Americium-241	1.30E+01	1.18E+04	NA	5.37E+01	NA
Plutonium-239/240	6.26E+00	5.68E+03	NA	2.59E+01	NA
Uranium-234	2.48E+00	2.25E+03	NA	1.03E+01	NA
Uranium-235	1.10E-01	9.94E+01	NA	4.54E-01	NA
Uranium-238	1.43E+00	1.30E+03	NA	5.93E+00	NA
	Carcinogenic Intakes from Pond Liner				
	mg/kg-day				
Chromium	7.95E-09	a	a	NA	8.0E-09
	Non-Carcinogenic Intakes from Pond Liner				
Chromium	2.98E-08	2.70E-05	1.15E-04	NA	1.42E-04
Uranium-235	a	2.25E-08	2.23E-11	NA	2.25E-08
Uranium-238	a	1.44E-06	1.43E-09	NA	1.44E-06
	Radiation Intakes from Pond Liner				
	pCi			yr/pCi/g	
Americium-241	7.76E-01	7.04E+02	NA	3.22E+00	NA
Uranium-235	2.56E-02	2.32E+01	NA	1.06E-01	NA
Uranium-238	2.54E-01	2.31E+02	NA	1.05E+00	NA

a. No toxicity factor available for this exposure pathway.
NA. Not applicable

C.7 SEP Risk Calculation Sheet for Surface Soil and Liner Materials

Human Health Assessment for Wildlife Refuge Worker Exposure to Surface Soil and Liner Materials at the Solar Ponds					
	Risk by AOC and Media				Total Risk
Medium	Nonradiological				
	Inhalation	Ingestion	Dermal	External	
Surface Soil	2.67E-07	a	a	NA	2.7E-07
Liner	3.26E-07	a	a	NA	3.3E-07
Total Nonradiological Risk					6E-07
	Radiological				
Surface Soil	6.11E-07	1.94E-06	NA	1.72E-06	4.3E-06
Liner	2.42E-08	7.60E-08	NA	1.44E-07	2.4E-07
Total Radiological Risk					5E-06
	Hazard Index by Media				Total HI
Medium	Nonradiological				
	Inhalation	Ingestion	Dermal	External	
Surface Soil	0.001	0.03	0.006	NA	0.04
Liner	0.001	0.01	0.002	NA	0.01
Total Nonradiological Risk					0.05

Exposure Variable	Acronym	Units	Point Estimate	Sources
Body Weight	BW	kg	70	EPA default
Exposure time	ET	hr/day	4	RSALS Task
Exposure time fraction, outdoors	ETo	unitless	1	No Building
Area Use Factor	AUF	unitless	1	AOC area/EU area
Exposure frequency	EF	day/yr	230	EPA default: 250 d/yr - 20 d/yr for subsurface exp.
Exposure duration	ED	yr	18.7	RSALS Task 3
Events per day	EV	er/d	1	Unit correction
Carcinogenic Averaging Time	ATc	days	25550	70 yr. x 365 days/yr
Noncarcinogenic Averaging Time	ATn	days	6826	18.7 yr. x 365 days/yr
Hourly inhalation rate	IR_h	m3/hr	1.3	RSALS Task 3
Mass loading	ML	kg/m3	2.12E-08	50th percentile of RSALS distibution
Site-specific PEF based on ML	PEF	m3/kg	47169811	1/ML
Soil ingestion rate	IR_s	mg/day	100	EPA default
Dermal Adherance Factor	AF_d	mg/cm2	0.1	EPA, 2001
Surface Area of Exposed Skin - Soil	SA_s	cm2	4260	EPA, 1997
Area Weighting Factor-Pond liners	AWFpl	unitless	0.2	SEP area/AOC area
Area Weighting Factor-Soils	AWFs	unitless	0.8	Surface soil area/AOC area
Gamma exposure factor (annual)	EF/365	unitless	0.63	EF/365
Gamma exposure factor (daily)	ET/24	unitless	0.17	ET/24 per Rags Part B (EPA, 1991)
Gamma shielding factor	(1 - Se)	unitless	1	EPA, 1991, set to 1

Risks from Surface Soil and Liner for the Wildlife Refuge Worker by Exposure Pathway and COC					
COC	Carcinogenic Risks from Surface Soil				Total Risk
	Inhalation	Ingestion	Dermal	External	
Cadmium	5.09E-08	a	a	NA	5.1E-08
Chromium	2.16E-07	a	a	NA	2.2E-07
	Non-Carcinogenic Hazard Quotients for Surface Soil				Hazard Index
Cadmium	0.0005	0.03	0.005	NA	0.03
Chromium	0.0007	0.006	0.001	NA	0.007
Uranium-234	a	0.0000003	0.000000001	NA	0.0000003
Uranium-235	a	0.00003	0.0000001	NA	0.00003
Uranium-238	a	0.003	0.00001	NA	0.003
	Radiological Risks from Surface Soil				Total Risk
Americium-241	3.60E-07	1.07E-06	NA	1.48E-06	2.9E-06
Plutonium-239/240	2.08E-07	6.87E-07	NA	5.18E-09	9.0E-07
Uranium-234	2.83E-08	1.15E-07	NA	2.59E-09	1.5E-07
Uranium-235	1.11E-09	4.89E-09	NA	2.35E-07	2.4E-07
Uranium-238	1.34E-08	6.05E-08	NA	2.96E-10	7.4E-08
	Carcinogenic Risks from Pond Liner				Total Risk
Chromium	3.26E-07	a	a	NA	3.3E-07
	Non-Carcinogenic Hazard Quotients for Pond Liners				Hazard Index
Chromium	0.001	0.009	0.002	NA	0.01
Uranium-235	a	0.00003	0.00000000003	NA	0.00003
Uranium-238	a	0.002	0.000000002	NA	0.002
	Radiological Risks from Pond Liners				Total Risk
Americium-241	2.16E-08	6.41E-08	NA	8.88E-08	1.7E-07
Uranium-235	2.59E-10	1.14E-09	NA	5.49E-08	5.6E-08
Uranium-238	2.38E-09	1.07E-08	NA	5.25E-11	1.3E-08

NA = Not applicable

EPA. 1993. Federal Guidance Report No. 12. External Exposure to Radionuclides in Air, Water, and Soil. EPA-402-R-93-081. September.
EPA, 1997. Exposure Factors Handbook, Vol1. EPA/600/P-95/002Fc, ORD, Washington, D.C. August.
EPA 2001 = U.S. Environmental Protection Agency. 2001. Risk Assessment Guidance for Superfund Volume I: Human Healthe Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment), Interim, EPA/540/R/99/oo5, OSWER 9285.7-02EP, PB99-963312, September.

C.8 Calculation Sheet for Subsurface Soil Intakes

Chemical Intakes for Wildlife Refuge Worker Exposure to Subsurface Soil and Liner Material At Solar Ponds				
Wildlife Refuge Worker Exposure Variable	Acronym	Units	Point Estimate	Sources
Body Weight	BW	kg	70	EPA default
Exposure time outdoors	ET	hr/day	4	RSALS Task 3
Area Use Factor	AUF	unitless	1	AOC area/EU area
Exposure frequency	EF	day/yr	20	WLRWs in Rocky Mountain Arsenal (RMA) survey, 1990.
Exposure duration	ED	yr	18.7	RSALS Task 3
Events per day	EV	er/d	1	Unit correction
Carcinogenic Averaging Time	ATc	days	25550	70 yr. x 365 days/yr
Noncarcinogenic Averaging Time	ATn	days	6826	18.7 yr. x 365 days/yr
Hourly inhalation rate	IR_h	m3/hr	1.3	RSALS Task 3
Mass loading	ML	kg/m3	2.12E-08	50th percentile of RSALS distibution
Site-specific PEF based on ML	PEF	m3/kg	47169811	1/ML
Soil ingestion rate	IR_s	mg/day	100	EPA default
Dermal Adherance Factor	AF_d	mg/cm2	0.1	EPA, 2001
Surface Area of Exposed Skin - Soil	SA_s	cm2	4260	EPA, 1997
Gamma exposure factor (annual)	EF/365	unitless	0.05	EF/365
Gamma exposure factor (daily)	ET/24	unitless	0.17	ET/24 per Rags Part B (EPA, 1993)
Gamma shielding factor	(1 - Se)	unitless	1	EPA, 1993

Chemical Intakes from Subsurface Soil for the Wildlife Refuge Worker by Exposure Pathway					
COC	Carcinogenic Intakes from Subsurface Soil				Total
	Inhalation	Ingestion	Dermal	External	Intake
	mg/kg-day				mg/kg-day
Cadmium	2.22E-10	a	a	NA	2.2E-10
	Non-Carcinogenic Intakes from Subsurface Soil				
Cadmium	8.31E-10	7.54E-07	3.21E-06	NA	3.97E-06
Uranium-234	a	4.57E-11	1.95E-10	NA	2.41E-10
Uranium-235	a	5.55E-09	2.36E-08	NA	2.92E-08
Uranium-238	a	7.74E-08	3.30E-07	NA	4.07E-07
	Radiation Intakes from Subsurface Soil				
	pCi			yr/pCi/g	pCi
Americium-241	2.85E-02	2.59E+01	NA	1.18E-01	2.6E+01
Plutonium-239/240	4.96E-02	4.50E+01	NA	2.06E-01	4.5E+01
Uranium-234	1.50E-01	1.36E+02	NA	6.23E-01	1.4E+02
Uranium-235	6.32E-03	5.73E+00	NA	2.62E-02	5.7E+00
Uranium-238	8.80E-02	7.98E+01		3.65E-01	8.0E+01

C.9 SEP Risk Calculation Sheet for Subsurface Soil

Human Health Assessment for Wildlife Refuge Worker Exposure to Subsurface Soil and Liner Material At Solar Ponds					
	Risk by Medium and Pathway				Total Risk by Medium
Medium	Nonradiological				
	Inhalation	Ingestion	Dermal	External	
Subsurface	1.40E-09	a	a	NA	1.4E-09
	Radiological				
Subsurface	5.05E-09	1.59E-08	NA	1.78E-08	3.9E-08
	Hazard Index by AOC and Media				Total HI by Medium
Medium	Nonradiological				
	Inhalation	Ingestion	Dermal	External	
Subsurface	0.00001	0.001	0.00012845	NA	0.001

Wildlife Refuge Worker Exposure Variable	Acronym	Units	Point Estimate	Sources
Body Weight	BW	kg	70	EPA default
Exposure time outdoors	ET	hr/day	4	RSALS Task 3
Area Use Factor	AUF	unitless	1	AOC area/EU area
Exposure frequency	EF	day/yr	20	WLRWs in RMA survey, 1990.
Exposure duration	ED	yr	18.7	RSALS Task 3
Events per day	EV	er/d	1	Unit correction
Carcinogenic Averaging Time	ATc	days	25550	70 yr. x 365 days/yr
Noncarcinogenic Averaging Time	ATn	days	6826	18.7 yr. x 365 days/yr
Hourly inhalation rate	IR_h	m3/hr	1.3	RSALS Task 3
Mass loading	ML	kg/m3	2.12E-08	50th percentile of RSALS distibution
Site-specific PEF based on ML	PEF	m3/kg	47169811	1/ML
Soil ingestion rate	IR_s	mg/day	100	EPA default
Dermal Adherance Factor	AF_d	mg/cm2	0.1	EPA, 2001
Surface Area of Exposed Skin - Soil	SA_s	cm2	4260	EPA, 1997
Gamma exposure factor (annual)	EF/365	unitless	0.05	EF/365
Gamma exposure factor (daily)	ET/24	unitless	0.17	ET/24 per Rags Part B (EPA, 1991)
Gamma shielding factor	(1 - Se)	unitless	1	EPA, 1991

Risks from Wildlife Refuge Worker Exposure to Subsurface Soil and Liner Material At Solar Ponds					
	Carcinogenic Risks from Subsurface Soil				Total Risk
	Inhalation	Ingestion	Dermal	External	
Cadmium	1.40E-09	a	a	NA	1.40E-09
	Non-Carcinogenic Hazard Quotients for Suburface Soil				Hazard Index
Cadmium	0.00001	0.001	0.0001	NA	0.001
Uranium-234	a	0.00000002	0.0000000001	NA	0.00000002
Uranium-235	a	0.000002	0.00000000002	NA	0.000002
Uranium-238	a	0.00003	0.0000000003	NA	0.00003
	Radiological Risks from Suburface Soil				Total Risk
Americium-241	7.94E-10	2.36E-09	NA	3.26E-09	6.4E-09
Plutonium-239/240	1.65E-09	5.45E-09	NA	4.11E-11	7.1E-09
Uranium-234	1.71E-09	6.97E-09	NA	1.57E-10	8.8E-09
Uranium-235	6.38E-11	2.82E-10	NA	1.35E-08	1.4E-08
Uranium-238	8.23E-10	3.72E-09	NA	1.82E-11	4.6E-09

C.10 SEP Risk Contributions by Media, Pathway and COC

Wildlife Worker Risk Contribution Summary for the Solar Evaporation Ponds								
Scenario 1: Liner on Surface								
Medium and COC	Nonradiological							
	Inhalation		Ingestion		Dermal		Total Risk	Percent of Total Media Contribution
	Risk	Percent of COC/Pathway Contribution	Risk	Percent of COC/Pathway Contribution	Risk	Percent of COC/Pathway Contribution		
Surface Soil								
Cadmium	5.09E-08	9%	a		a			
Chromium	2.16E-07	36.3%	a		a			
Total by Pathway & Media	2.67E-07	44.9%	a	100%	a	100%	2.67E-07	44.9%
Liner Material on Surface								
Chromium	3.26E-07	NA	a	a	a	NA		
Total by Pathway & Media	3.26E-07	54.9%	NA	NA	NA	NA	3.26E-07	54.9%
Subsurface								
Cadmium	1.40E-09	0.24%	a		a			
Total by Pathway & Media	1.40E-09	0.24%	a		a		1.40E-09	0.24%
Total by Pathway	5.94E-07	100.0%	NA	NA	NA	NA	5.94E-07	100%
	Radiological							
Surface	Inhalation		Ingestion		External			
Americium-241	3.60E-07	56.5%	1.07E-06	53.0%	1.48E-06	78.6%		
Plutonium-239/240	2.08E-07	32.7%	6.87E-07	34.1%	5.18E-09	0.3%		
Uranium-234	2.83E-08	4.4%	1.15E-07	5.7%	2.59E-09	0.1%		
Uranium-235	1.11E-09	0.2%	4.89E-09	0.2%	2.35E-07	12.5%		
Uranium-238	1.34E-08	2.1%	6.05E-08	3.0%	2.96E-10	0.02%		
Total by Pathway & Media	6.11E-07	95.9%	1.94E-06	96.0%	1.72E-06	91.5%	4.3E-06	94.1%
Liner Material on Surface								
Americium-241	2.16E-08	3.4%	6.41E-08	3.2%	8.88E-08	4.7%		
Uranium-235	2.59E-10	0.0%	1.14E-09	0.1%	5.49E-08	2.9%		
Uranium-238	2.38E-09		1.07E-08		5.25E-11			
Total by Pathway & Media	2.42E-08	3.8%	7.60E-08	3.8%	1.44E-07	7.6%	2E-07	5.4%
Subsurface								
Americium-241	7.94E-10	0.12%	2.36E-09	0.1%	3.26E-09	0.17%		
Plutonium-239/240	1.65E-09	0.26%	5.45E-09	0.3%	4.11E-11	0.0022%		
Uranium-234	1.71E-09	0.27%	6.97E-09	0.3%	1.57E-10	0.008%		
Uranium-235	6.38E-11	0.010%	2.82E-10	0.01%	1.35E-08	0.7%		
Uranium-238	8.23E-10	0.129%	3.72E-09	0.18%	1.82E-11	0.001%		
Total by Pathway & Media	5.05E-09	0.79%	1.88E-08	0.9%	1.70E-08	0.9%	4.09E-08	0.9%
Total by Pathway	6.37E-07	14.0%	2.02E-06	44.4%	1.89E-06	41.5%	5E-06	100%

C.11 SEP Rsk and Hazard Index Summary

Risk Summary for the Solar Evaporation Ponds				
WLRW Risk by Medium and Exposure Pathway				
Medium	Nonradiological			Total Risk
	Inhalation	Ingestion	Dermal	
Surface Soil	2.7E-07	a	a	2.7E-07
Liner	3.3E-07	a	a	3.3E-07
Subsurface Soil	1.4E-09	a	a	1.4E-09
Total Nonradiological Risk				6E-07
	Radiological			
	Inhalation	Ingestion	External	
Surface Soil	6.1E-07	1.9E-06	1.7E-06	4.3E-06
Liner on Surface	2.4E-08	7.6E-08	1.4E-07	2.4E-07
Subsurface Soil	5.0E-09	1.6E-08	1.8E-08	3.9E-08
Total Radiological Risk				5E-06

Hazard Index Summary for the Solar Evaporation Ponds				
WLRW Hazard Index by Medium and Exposure Pathway				Media
	Inhalation	Ingestion	Dermal	HI
Surface	0.001	0.03	0.006	0.04
Liner	0.001	0.01	0.002	0.01
Subsurface Soil	0.00001	0.001	0.0001	0.001
Total Hazard Index				0.05

Comment Response Summary

	RFCLOG Comments Dated October 15, 2002	Response
	CHARACTERIZATION	
1	We are concerned the available characterization data for the Solar Evaporation Ponds (SEP) is insufficient. In the Human Health Risk Assessment (Attachment II), Figure 2.1 shows that the liner of SEP 207-B South was not sampled. Figure 2.2 shows that SEP 207-B South had only one surface sample taken, while SEP 207-A, which covers three acres, had only five surface samples, the most of any of the five ponds. Figure 2.3 shows that neither SEP 207-B South nor SEP 207-C had subsurface samples taken in the first six feet below the asphalt liners. Due to what appears to be a small number of samples for a relatively large area, we question whether there are adequate data to support a No Further Action (NFA) decision. While an NFA decision may indeed be appropriate, it is difficult to have confidence at this point that the SEPs will not adversely impact surface water quality in the future based on the limited data provided. We understand that clean fill will be placed on top of the SEPs liners, which will make subsurface soils harder to access and thus may reduce the overall risk to a future user. However, not knowing what is underneath some of the SEPs does not answer the question about the potential for a secondary source to be contributing to the Solar Ponds Plume (SPP).	A Data Adequacy Evaluation for the Solar Evaporation Ponds (SEP) was conducted and is available as Attachment I. This evaluation includes a geospatial analysis and assessment of impacts to risk using various upper confidence limit (UCL) calculations and hot spot removal. It was concluded that adequate data were collected to support risk quantification. In addition, in Section 5.0, first paragraph, the following sentence was added: "Attachment I presents an evaluation of data adequacy used to support and quantify risk calculations submitted in the Human Health Risk Assessment (HHRA) as presented in Attachment II."

2	**Section 2.1.2 Actions Taken at the SEPs** • Bullet 11: "Twelve boreholes were completed and subsurface soil samples collected from within ponds 207A, 207B-Center and 207B-North." Were subsurface samples taken based on biased sampling (under known leaks in the liners), statistical sampling, or other? What is the confidence level that the Site has adequately characterized the subsurface?	Sampling was biased. The overall sampling for the SEP is adequate at the 95% confidence level for surface and subsurface soil. The sum of ratios is well below 1.0 (0.11) and total risk is 1E-06 following hot spot removal. Added to this bullet is the following sentence: "Boreholes were placed at locations where breaches in the liners were observed and at locations where the liner was intact (DOE 1995a)."
3	**Attachment II (Human Health Risk Assessment): Section 2.2 Segregation of Samples by Media** "Most surface soil samples were collected using the RFP method, in which the top 2 inches...of soil are collected.... Other were collected as the first interval of a borehole sampling." Is surface soil for the ponds themselves considered to be the first few inches of soil under the liners, or sediments on top of the liners? Please clarify this distinction in the document.	Surface soil was typically collected as the 0- to 6-inch interval. All data with a starting and ending depth between 0 and 6 inches were considered surface soil. All surface soil was collected below liner material. Sediments were identified separately as SD or SED sample numbers. In Section 2.2, Surface Soil Section, the following sentence was added: "Surface soil for the ponds is considered to be within 0 to 6 inches of soil below the liners."
	DATA AVAILABILITY	

4	**Section 2.1.2 Actions Taken at the SEPs** • **Bullet 17**: "Surface soil areas exceeding proposed soil action levels (October 2002) for Americium-241 and Plutonium 239/240 were removed under the ER RSOP Notification # 02-08." Where were soils removed? What concentrations were removed? As per the Human Health Risk Assessment (HHRA), the maximum concentration of americium remaining in surface soils is 130 pCi/g, which is somewhat higher than the proposed soil action level of 76 pCi/g. Where is the americium maximum concentration located? If not under the pond liners, this concentration could remain at the surface post-remediation and should be noted.	The attached map shows the locations of hot spots that were removed. Analytical results indicate that all americium concentrations are below 50 pCi/g. Added to this bullet is the following sentence: "Locations and concentrations removed are documented in the Closeout Report for ER RSOP Notification #02-08."
5	**Section 3.2 Soil Contamination** • "In addition, characterization data that was obtained based upon actions conducted under the ER RSOP such as confirmation samples collected after the removal of sumps, has been included in the closeout report and will not be included in this PAM." Since the remediation of the SEP Area of Concern (AOC) is not complete, the closeout report is not complete. Thus, the characterization data referenced are not available to the reader. To have confidence in an NFA decision, it would seem important to know what concentrations of	Data that support the NFA are available in the risk assessment. Analytical results from samples collected under the ER RSOP do not affect the risk assessment. These data will be included in the ER RSOP Closeout Report and the Historical Release Report (HRR). Analytical results indicated that all contaminant concentrations were less than RFCA ALs. In Section 5.0, first paragraph, second sentence was modified to add at the end, "based on historical data." Also added: "Results of this risk assessment do not take into account soil removed in

	contaminants remain at the point the NFA is proposed. Please provide documentation of what contaminant concentrations remain, so that the reader can be assured the remaining contaminants are less than the proposed soil action levels.	accordance with ER RSOP Notification #02-08."
	GROUNDWATER PROTECTION	
6	**Section 2.1.2 Actions Taken at the SEPs** • **Bullet 16**: "Environmental monitoring, including downstream surface water and downgradient groundwater monitoring, is being conducted as part of the Site-wide Integrated Monitoring Program to ensure that contaminant concentrations are not increasing and that water quality standards are being met…." What SEP contaminants are being monitored? Does the suite of contaminants monitored track the contaminants from the SEPs that could get into groundwater?	At the SEP treatment system, groundwater is monitored by ER for uranium and nitrate. SEP groundwater is monitored by Integrated Monitoring Program (IMP) for volatile organic compounds (VOCs), nitrate, uranium, plutonium, americium, neptunium, metals, and tritium. Added to this bullet is the following sentence: "The IMP monitors groundwater for volatile organic compounds (VOCs), metals, nitrate, uranium (U), plutonium (Pu), americium (Am), neptunium, and tritium."
7	**Section 3.1 Groundwater Contamination** • "Performance monitoring wells for the SPP treatment system have also detected selenium, nickel and thallium at concentrations above groundwater action levels. However, an analysis of metals distribution was conducted, and indicates that there is no metals	The text in the second paragraph was corrected to indicate there are no performance monitoring wells for the SPP treatment system. The text is now located in the sixth paragraph and states: "Monitoring wells have also detected lithium, selenium, nickel, and thallium at concentrations above groundwater ALs." And a

	groundwater plume associated with the SEPs." What was the action, if any, that resulted from the exceedances? If the SEPs are not the source of the exceedances, has the source been identified and dealt with appropriately? Section 3.2.1 states that the "occasional incidence of elevated metals in the seep areas north of the SEPs were attributed most likely to the local accumulation of metals transported in groundwater that discharges to ground surfaces." This statement appears to conflict with the above statement that no metals groundwater plume is associated with the SEPs. Please clarify this apparent discrepancy. • Uranium concentrations...at well 1386 and well 1786 exceeded RFCA Tier II groundwater action levels during the Fourth Quarter of 2001...." What is the trend of uranium in the groundwater entering the treatment system? Are concentrations increasing, decreasing, or staying fairly constant? If decreasing or staying constant, what does this fact reveal about a potential secondary source of uranium in the soils under the SEPs? Would removal of a potential secondary source decrease the required operating life of the SPP treatment system?	new sentence was also added to the end of the fifth (now ninth) paragraph, "Gauging Station (GS) 13 is the performance monitoring location for the SPP treatment system." The third (now seventh) paragraph was modified to indicate the four monitoring wells are not performance monitoring wells and the last sentence has been added: "However, U activities in these wells are consistently below RFCA Tier I groundwater ALs." New sentences were added in Section 3.2.1. first paragraph, after the fourth sentence: "Although metal concentrations in seeps are occasionally elevated, there is no distinctive metals plume associated with the SEP (DOE 1999). These fluctuations may be associated with variations in water chemistry such as pH or the concentration of various anions." New sentences were added to the last paragraph (now ninth) of Section 3.1: "Groundwater influent concentrations of U are fairly constant at 20 to 30 pCi/L. U effluent concentrations from the SPP treatment system are 0 to 0.96 pCi/L, averaging 0.15 pCi/L (DOE 2001)." In addition, a sentence was added to section 3.2.2, third (now fourth) paragraph: "U contamination exists as a large dispersed area beneath and to the north of the SEP; no discrete secondary source of U is apparent (Kaiser-Hill 2001)."
	CONTAMINANTS OF CONCERN	

8	**Section 3.2.1 Surface Soil Contamination** • "All concentrations of contaminants are below RFCA Tier I. In addition, contaminant concentrations are below proposed soil action levels (October 2002), with the exception of manganese." What is the proposed strategy to address elevated manganese concentrations? Additionally, it appears that the list of potential contaminants of concern in this PAM is much smaller than that considered in the 1995 IM/IRA (though we understand that document was never approved). We are concerned that not all of the contaminants present in the SEP AOC were examined, which could result in an incomplete remediation (see comments below).	At the end of this paragraph, after the word "manganese", the following statement was added: ", which is discussed further in the risk assessment (Attachment II) for the SEP." Manganese was dropped as a PCOC based on a statistical analysis of SEP Manganese vs. background Manganese at the Alpha = 0.05 level. The result was P = 0.9932 with an alternative hypothesis of SEP>Bkg. All PCOCs present in the SEP dataset were screened. All SEP data are presented in Appendix A of the risk assessment, Tables A1-A12. Summary statistics used to screen all PCOCs are presented Appendix A, Tables A13-A18.
9	**Section 3.2.2 Subsurface Soil Contamination** • "Toluene, acetone, and methylene chloride were the only VOCs detected at significant frequencies.... The pervasive distribution of toluene in the subsurface at low levels indicates that external factors, such as cross-contamination during sampling or analysis, may have been responsible for the identification of toluene in samples. Acetone and methylene chloride were detected in equipment rinsate and laboratory blanks, which also suggests that these VOCs were introduced during sampling and laboratory activities."	An additional paragraph was added to the end of section 3.0: "It is noted that this section may indicate possible explanations for the presence of certain contaminants (for example, acetone as a laboratory contaminant) in defining the nature and extent of contamination. However, for purposes of defining risk (as discussed in Section 5.0 and Attachment II) all SEP data were used as defined in Attachment II."

	What is your confidence that volatile organic compounds (VOC) are not a problem in the subsurface, and instead, are a function of laboratory error or contaminated sampling methodologies? What are the potential repercussions if your assumption is incorrect, and what mechanisms will be in place to address any potential problems resulting from the incorrect assumption? • "With the exception of uranium-233/235, uranium-238, gross beta radiation sources, and tritium, the presence of radionuclide contaminants is generally restricted to areas beneath the SEPs and the drainage tile outfall north of SEP 207-A and SEP 207-B North." What is the source of tritium? At what concentrations is it found? Has it been detected in the SPP? Tritium was not indicated in the risk assessment as a Contaminant of Concern (COC). Was tritium considered as a Potential COC (PCOC)? Could it pose a threat to surface water? • The distribution of nitrate in the subsurface suggests that nitrate has a distribution pattern similar to that of tritium and that concentrations decrease with depth. Cyanide is present beneath SEP 207-A, north of the drainage tile outfall area, and north of SEP 207-C at shallow depths (0 to 6 feet). Cyanide is also found pervasively throughout the vadose zone beneath the northeastern portion of SEP 207-B North, and at depth (greater than 12 feet) northeast of the SEPs in the buffer zone."	All VOCs were eliminated as PCOCs based on maximum concentrations that were well below the corresponding ALs. This observation was true for the entire subsurface data set. VOCs therefore, do not have any contribution to risk above the screening target risk of 1E-06 and the HQ of 0.1. Tritium was not considered a PCOC in soil. A localized source term for H-3 has not been observed at the ponds. The following information has been added to Section 3.1, tenth, eleventh, and twelfth paragraph: "Tritium has been detected in the vicinity of the SEP in both surface soil and groundwater based on historical sampling conducted in 1991. A signature of tritium was observed around the ponds in groundwater with a maximum concentration of 13,850 pCi/L in 1991. This concentration was below the drinking water standard of 20,000 pCi/L and currently this concentration is approximately 6,300 pCi/L due to radiological decay. Vadose transport and dispersion in saturated zones should further reduce this maximum concentration. Tritium sampling has also been conducted near the SPP treatment system and the Site boundary to assess possible surface water impacts. The maximum concentration detected near the SPP treatment system in 1991 was 780 pCi/L. This detection was observed in January 1991 and exceeded the surface water standard of 500 pCi/L. Subsequent samples collected from October 1991 to February 1992 had concentrations below the surface water standard. Samples collected after April 1991 had

	Cyanide and nitrate are not listed as COCs in the HHRA for the subsurface. Were they considered as PCOCs and then rejected as COCs? Cyanide has a published reference dose (RfD) for oral exposure and would be pertinent to the non-carcinogenic health effect calculations in the HHRA. We know that nitrate is adversely affecting water quality. Is the same true for cyanide?	tritium concentrations below detection limits. The overall averaged concentration at this location was 55 pCi/L. Tritium samples collected at the Site boundary from 1991 to 2002 had a maximum reported concentration of 13,400 pCi/L in 1991. Maximum concentrations steadily declined in the following years from 3,310 pCi/L and were below detection limits from 1999 to present day. Detection limits ranged from 150 to 180 pCi/L at the Site boundary location. The activity of tritium in groundwater and surface water near the SEP and for the Site as a whole are well below drinking water and surface water standards." Cyanide and nitrate were rejected as PCOCs in subsurface soils because the maximum concentrations are below ALs. Cyanide maximum = 30.7 ppm and the AL = 2,040 ppm at risk 1E-06 and HQ = 0.1. The Nitrate maximum = 1,600 ppm with an AL = 164,000 ppm.
10	**Attachment II (Human Health Risk Assessment): Section 1.1 Site Description** "... these ponds have historically received wastes such as... lithium metal, [and] lithium chloride...." Was lithium considered as a PCOC? In Section 2.3 (Selection of Contaminants of Concern), it is stated that "All analytes listed in the Action level framework (ALF) are considered PCOCs." Lithium is in the ALF. Nevertheless, lithium does not seem to be included in the HHRA. Is there evidence of lithium in the SPP or in N.	Lithium was considered a PCOC in the risk assessment for surface and subsurface soil. This constituent was eliminated as a PCOC because the maximum concentrations were below ALs. The maximum concentration in surface soil = 46.3 ppm and AL = 2,040 ppm. The subsurface soil maximum concentration = 60 ppm. Based on collected data, there is no evidence of lithium at the SEP or associated drainages.

	Walnut Creek?	
11	**Attachment II (Human Health Risk Assessment): Figure 2.6 IHSS PCOC Screening Process** This diagram indicates that if the detection frequency of a PCOC is less than 5%, an analysis is done to see if the concentration of PCOC is greater than three times the PRG. In Section 2.3.4, it is stated that benzo(a)pyrene [B(a)P] was not "carried on as a PCOC because the ratio of the maximum detect to the PRG is less than 3, and the detection frequency is less than 5 percent." It is true that the ratio of maximum detect to the PRG for B(a)P was less than 3 for subsurface soil, as evidenced in Table 2.5 (PRG Screen for Subsurface Soil Above 6 Feet). However, as shown in Table 2.3 (PRG Screen for Surface Soil), that ratio is 4.87, which is greater than 3. Does that ratio not warrant B(a)P being considered as a COC?	Your observation is correct. However, Section 2.3.6, Application of Professional Judgement assesses benzo(a)pyrene in detail. This PCOC has a very weak data set that is dominated by qualified data. In addition, the observed detections were predominately at detection limits and the calculated 95% UCL was below the AL. Benzo(a)pyrene and other polyaromatic hydrocarbons (PAHs) are widespread in the environment due to breakdown products from asphalt. These PCOCs have no known historical use or specific release associated with Site operations or locations.
	STEWARDSHIP	
12	Stewardship is of great importance to the Coalition and must be integrated with remedy selection decisions to ensure the long-term protection and viability of selected remedies. We recognize that a stewardship evaluation section was incorporated in the PAM (Section 8.0). In addition, groundwater contamination was "discussed	The following text was added to Section 8.0 Long-Term Stewardship: "This stewardship evaluation describes current site conditions, proposed actions and the anticipated effect on current site conditions, and stewardship recommendations.

	briefly for the purposes of defining the nature and extent of contamination and to determine if additional soil remediation could reduce the long-term stewardship obligations of the Solar Ponds Plume (SPP) treatment system" (Section 3.1). Nevertheless, we are concerned that the document does not truly consider stewardship needs, but rather defers stewardship considerations to another document that won't be written for some time.	**Current Site Conditions** "Based on previous studies and removal actions at the SEP (Sections 2.0 and 3.0) all contaminant concentrations are less than RFCA ALs in surface and subsurface soil with the exception of manganese which was eliminated as a COC at this site. Radionuclides (americium, plutonium, and uranium) and metals (cadmium and chromium) are found in concentrations greater than background in surface soil. Radionuclides (americium, plutonium, and uranium) and cadmium are found in concentrations greater than background in subsurface soil. Americium and uranium are found in concentrations greater than background in the liner material. Results of the risk assessment (Section 5.0 and Attachment II) indicate the cumulative HI for non-carcinogenic health effects was well below 1.0 at 0.04 for RME conditions. Total cancer risk to the WRW was 3E-07 and 2E-06 for radionuclides before removal of hot spots. Total cancer risk to the WRW following removal of hot spots is 1E-06. Surface soil areas exceeding proposed soil action levels for americium-241 and plutonium 239/240 were removed in accordance with ER RSOP Notification #02-08 (DOE 2002b). These removals also resulted in removing soil with beryllium and cadmium concentrations greater than ecological receptor action levels. Lead was determined to be significantly lower than background and was eliminated as an ecological COC. An evaluation of contaminant concentrations present in surface and subsurface soils associated with the ponds indicated that there is no source term present that could impact surface water by

		leaching and transport mechanisms. A reactive barrier treatment system is in place on the north of the SEPs that collects and directs SEP groundwater flow to two passive treatment cells. The treatment system is designed to treat uranium and nitrate, but is also effective at capturing metals and VOCs. **Proposed Action Memorandum Measures** No further action is required at SEP, however several BMPs will be implemented including the following: • Remove standing water within the ponds; • Sample and analyze the liner material and soil beneath pond 207B-South; • Collect additional samples of the liner material and soil beneath pond 207C; • Push in pond berms; • Add clean fill to create a level area; and • Regrade and revegetate. It is anticipated that after BMPs are completed the risks to receptors will be eliminated because surface soil and liner materials will be covered and contact via inhalation, ingestion, and external exposure to radionuclides and metals will be prevented. **Monitoring** Environmental monitoring, including downstream surface water and downgradient groundwater monitoring is being conducted as

		part of the Site-wide IMP. There are currently 8 monitoring wells and 5 surface water monitoring stations. Additionally, groundwater is monitored to measure the effectiveness of the treatment system. **Stewardship Actions and Recommendations** Near- and long-term stewardship requirements are based on residual contamination at the SEP AOC. Because the risk assessment results indicate that environmental risks are below regulatory requirements and potential groundwater impacts are mitigated by the treatment system near-term stewardship actions for the SEP AOC consist of the following: 1. Control excavations through the Site Soil Disturbance Permit process; 2. Control access to groundwater; and 3. Install fencing and post signs restricting access to the site. **Long Term Stewardship Recommendations** Because the risk assessment results indicate that environmental risks are below regulatory requirements and potential groundwater impacts are mitigated by the treatment system, the long-term stewardship actions and recommendations for the SEP AOC are as follows: 1. Continue Federal ownership and control over the site; 2. Land use restrictions to prevent soil excavation that could access or disturb residual contamination. Specific land use restrictions will be discussed in the Site Long-Term

		Stewardship Plan and evaluated along with other institutional controls for implementation in the final remedy selection process. 3. Maintain the groundwater treatment system; 4. Restrict groundwater use; 5. Review groundwater and surface water monitoring stations near the SEP when long-term monitoring options are evaluated; and 6. Maintain environmental data and other relevant data. These recommendations may change based upon other future Site remedial activities.
13	**Section 3.1 Groundwater Contamination** "Based on historical data, uranium and nitrate concentrations in surface soil and subsurface soil are all below RFCA Tier I and Tier II action levels. In addition, lithium, nickel, and selenium are also below Tier I and Tier II action levels in both surface and subsurface soil. Therefore, no additional soil removal is required for purposes of reducing the long-term stewardship obligation of the SPP treatment system." RFCA soil action levels were not designed to be protective of surface water via groundwater. Thus contaminant concentrations in the SEPs relative to the RFCA soil action levels are not a valid basis determining whether additional source removal would decrease long-	RFCA subsurface organic soil ALs were calculated based on the potential to leach contaminants to groundwater and eventually to surface water. Soil/water partitioning coefficients were used. Refer to Table 4 in the ALF. • Subsurface soil is capable of leaching contaminants to groundwater at concentrations greater than or equal to 100 x maximum contaminant levels (MCLs). If an MCL is lacking, the residential groundwater ingestion based preliminary programmatic remediation goal (PPRG) value applies. • A soil/water partitioning equation and dilution factor were used to determine ALs for organics. • Subsurface soil ALs for metals and radionuclides are the same

	term stewardship obligations. The question is whether there are pockets of contamination in the subsurface that continue to act as a secondary source, and whose removal may substantially decrease the required life cycle (and thus long-term cost) of the SPP treatment system. If a discrete secondary source has not been observed, please state this fact clearly. Comparison to action levels does not answer the relevant question.	as surface soil and are, therefore, human-health risk based. Because the groundwater to surface water transport mechanism is active at RFETS, removal of potential soil sources protects both groundwater and surface water. The following sentence was added to the fourth (now eighth) paragraph of Section 3.1: "A discrete secondary source of contamination has not been observed in the area of the SEPs."
14	**Attachment II (Human Health Risk Assessment): Section 2.2.7 Segregation of Samples by Media** Subsurface Soils: "Laboratory analyses of subsurface soil samples generally included the following analytical groups: VOCs, SVOCs, metals, pesticides, PCBs, and radionuclides." We know that the SPP largely consists of nitrates. As evidenced in the previous comment, Kaiser-Hill and DOE do not believe additional remediation of nitrates (among other constituents) would decrease the expected life cycle of the SPP treatment system. Were nitrates sampled in the subsurface, as they were in the surface samples? If so, they were not included in the quoted list above. If not, how can the Site be sure a hot spot does not exist that could be removed in order to decrease long-term costs associated with the SPP treatment system?	Subsurface soil samples were analyzed for nitrate however, results indicate that concentrations in soil were less than Tier II ALs. We know that the SPP largely consists of nitrates. As evidenced in the previous comment, Kaiser-Hill and DOE do not believe additional remediation of nitrates (among other constituents) would decrease the expected life cycle of the SPP treatment system. Nitrates were sampled in the subsurface however results indicate that concentrations in soil were less than Tier II ALs. Nine subsurface soil samples were collected form the AOC. The maximum concentration was 1,600 ppm compared to screening

		action level at 1E-06 of 163,520 ppm. No hot spots were evident for this mobile contaminant in the subsurface.
15	**Section 8.0 Stewardship** A stewardship evaluation should consider long-term needs for the remedy, but this purpose is not achieved in Section 8.0, or anywhere else in the document. ER RSOP #02-08, which addresses a portion of the remedial action, does not include a stewardship analysis either, and states "the stewardship evaluation for these sites will be conducted as part of the PAM." Yet, as discussed earlier, there is no evaluation in the PAM. Section 8.0 states that stewardship mechanisms will be identified in the CAD/ROD. In previous discussions with the RFCA parties, the closeout report for an individual project is cited as the document where stewardship mechanisms will be captured. We are concerned that stewardship, which is integral to remedy selection, is not being considered during remedial actions and is continually being postponed to later documents. Although we recognize that specific stewardship mechanisms will be identified in later documents, it is still necessary to identify long-term stewardship needs early on in the decision document for a given remedy. We also recognize that groundwater is addressed under a different decision document, which complicates the stewardship analysis since stewardship must be addressed for the area as a whole and not in parts. Nevertheless, we believe the following considerations should be specifically addressed in the stewardship evaluation:	Please see response to Comment 12.

	• Stewardship controls will be required to protect receptors from residual contamination. This is inferred by a reference in Section 8.0 to institutional controls and prevention of domestic use of groundwater. From what specifically are receptors being protected in the SEP AOC and SPP? • Will areas of contamination be known via markers or some other type of physical control? Or will these areas be captured in a post-closure institutional control map? • Will continued monitoring be required post-closure? Performance monitoring is mentioned in Section 3, but not listed in the stewardship section. • How long will monitoring be required? How long does the Site anticipate the groundwater treatment system will be required? • The authors of the Draft PAM should refer to recent stewardship language drafted by DOE for the Site Long-Term Stewardship Strategy document regarding institutional controls and the role of the refuge in institutional and physical controls. The LTS Strategy states the refuge will have "indirect benefits in terms of strengthening remedy-related institutional controls." However, the refuge as a type of land-use is not an institutional control in and of itself. • Given that the stewardship requirements for the SPP treatment system and the SEP AOC are identified to varying degrees in two different decision documents, it will be difficult for future stewards to determine the long-term ramifications of this remediation as whole. Thus stewardship requirements referenced in the SPP	

	decision document (including monitoring and maintenance) should also be referenced in this PAM so that stewardship can be evaluated for the area as a whole and not as a sum of parts.	
	ADDITIONAL COMMENTS	
16	As per the PAM, Kaiser-Hill and DOE intend to leave the SEP liners in place. We understand leaving the liners as is may reduce infiltration of water to the subsurface, thereby potentially reducing migration of subsurface contaminants in the future. Nevertheless, could a potential "perched water" situation be created if the liners are left in place without being breaching in any way, which could increase the chance for increased seepage of water out of the north hillside? If so, how does the Site intend to address this problem?	The following information has been added to Section 9.0: "When pushing in the berms, the bottom liner material will not be breached. Perching of groundwater in this area is not anticipated because a few of the ponds have cracks in the liners, some of the ponds will contain a few additional holes from lysimeters previously located within the ponds, the bottoms of the ponds are sloped to one corner, and a sandy fill material exists beneath the ponds. (The B-series ponds slope toward the northwestern corner. The A and C ponds slope towards the northeastern corner.) In addition, a majority of the sidewalls will be removed once the berms are pushed in, which will allow precipitation to flow out laterally. If after the area is regraded and revegetated, water is observed to be perching in this area, equipment will be brought in (for example, a GeoProbe ™) for purposes of breaching the liner material in additional locations."
17	**Table 3.4 Intake Equations for the WLRW** The equations listed are for risk, not intake. This discrepancy creates confusion when trying to reproduce the calculations. In addition, the "concentration in soil" unit is listed as "mg/kg", which means the units don't	These clarifications were made to the risk assessment. Table 3.4 presents equations for risk and intake. A footnote was added to the table to state that risk is equal to intake of x (slope factor). The units of mg/kg for the concentration in soil (CS) have been changed to include pCi/g for radionuclide intake and risk

	track for the radionuclide risk equations. Lastly, what are the units for the "1000" and "0.001" conversion factors in the radionuclide calculations?	calculations. The units for all conversion terms have also been added to the table for 1,000 g/kg, 0.0001 g/mg, and 0.000001 kg/mg.
18	Table 3.5 Chemical Intakes for the Wildlife Refuge Worker from Surface Soil and Liner Materials at the SEPs and Table 3.6 Chemical Intakes for Wildlife Refuge Worker Exposure to Subsurface Soil and Liner Material at Solar Ponds The unit for external radiation intake from surface soil is listed as "yr/pCi/g" in Tables 3.5 and 3.6. This unit should be "yr-pCi/g". Why is the "Total Intake" for radionuclides listed as "NA" for surface soil and pond liner in Table 3.5, but not for subsurface soil in Table 3.6?	The units were corrected to yr-pCi/g as suggested for external exposure to correctly reflect the relationship of risk or dose to the integral of concentration in pCi/g over time.
19	**Section 5.2 Carcinogenic Risk** Equation 5.2: The units for chemical risk are presented, but not for radionuclide risk. What are the units for cancer risk calculated for radionuclides?	A separate formula has been added for radionuclides using units of (pCi) (Risk/pCi) = Risk
20	**Section 5.3 Solar Evaporation Ponds AOC** It would be very helpful to provide a breakdown by chemical of the risks summarized in Tables 5.1 (Hazard Indices for Wildlife Refuge Worker Receptors) and 5.2 (Summary of Wildlife Refuge Worker Carcinogenic Risks	Agreed. A breakdown of risk by COC and exposure pathway is shown in Appendix C, Tables 6 and 8 for surface and subsurface soil. Table 9 in Appendix C shows a percentage breakdown of risk by COC. A summary table Table 5.3 has been constructed

	for the Solar Ponds AOC). The reader will be better able to discern the relative risk of each residual contaminant present, which may also help in determining long-term stewardship needs for the AOC.	and included in the main body of the risk assessment for quick access and evaluation.

	CDPHE Comments, Dated October 9, 2002 Draft SEP PAM	Response
	EXECUTIVE SUMMARY	
1	The first sentence in the first paragraph seems too long, is difficult to follow and should be broken up. The second portion of this sentence beginning with "since a release" should be further explained. A second sentence containing the information defining the term "this contamination" should be included.	This comment was accepted and the text was rewritten as follows (before the Proposed Action Memorandum [PAM] was released for public comment): "Closure of the Solar Evaporation Ponds (SEP), Individual Hazardous Substance Site (IHSS) 101, at Rocky Flats Environmental Technology Site (RFETS), is proposed under alternative Resource Conservation and Recovery Act (RCRA) interim status closure requirements found in 6 Code of Colorado Regulations (CCR) 1007-3, 265.110(d). Alternative closure requirements are proposed because a release from the SEP has occurred resulting in radiological and hazardous constituent contamination. Releases from other units in the area of the SEP have also contributed to the SEP area of contamination."
2	In the second paragraph, it would be helpful if 'cumulative hazard index' was defined and a value threshold explained in this section for individuals that are not familiar with this term.	This comment was accepted and the following explanation was provided after the third sentence in the second paragraph (before the PAM was released for public comment): "(Hazard Index >1 indicates adverse non-carcinogenic health effects are expected, and action is warranted for protection of public health.)" However, since the PAM was released, additional clarification has been provided and the sentence added above has been deleted. Instead the following footnote has been added: "The potential for non-carcinogenic effects is evaluated by comparing an exposure level over a specified time period (for

		example, lifetime) with a reference dose (RfD) derived for a similar exposure period. An RfD represents a level that an individual may be exposed to that is not expected to cause any deleterious effect. The ratio of exposure to toxicity is called a hazard quotient (HQ). An HQ<1 indicates that a receptor's dose of a single contaminant is less than the RfD, and that toxic non-carcinogenic effects from the chemical are unlikely. The Hazard Index (HI) is the sum of the HQs for all chemical(s) of concern that affect the same target organ (for example, liver) or that act through the same mechanism of action within a medium or across all media to which a given individual may reasonably be exposed. An HI<1 indicates that toxic non-cancer effects from all contaminants are unlikely. An HI>1 indicates that site-related exposures may present a risk to human health."
3	Add the phrase, "and replacement wells installed", after the word "abandoned" in the last sentence of the fourth paragraph.	This comment was accepted and the changes were made to this sentence before the PAM was released for public comment.
	SECTION 1.0	
4	The description of the regulatory process in the first 2 paragraphs might be clearer if closure of IHSS 101 under RFCA were described in the first paragraph and closure of the interim status unit were described in the second.	This comment was accepted and the following changes were made to the first paragraph, first and second sentence, and to the second paragraph, new first sentence (before the PAM was released for public comment): "This Proposed Action Memorandum (PAM) decision document serves to close the Solar Evaporation Ponds (SEP), Individual Hazardous Substance Site (IHSS) 101. IHSS accelerated actions and Resource Conservation and Recovery Act (RCRA) unit closures are approved by the U.S. Department of Energy (DOE), Colorado Department of Public Health and Environment (CDPHE) and the U.S. Environmental Protection Agency (EPA) under the Rocky Flats Cleanup Agreement (RFCA) (DOE, et al. 1996). RFCA is both a cleanup agreement

		under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and a compliance order on consent under RCRA and the Colorado Hazardous Waste Act (CHWA). Therefore, actions associated with IHSS 101 will be completed under RFCA and closure of the SEP will be completed under RCRA. This PAM also serves as the RCRA/CHWA closure plan for the SEP, which are a RCRA interim status unit. However, ..."
5	Changes to first 2 sentences in first paragraph: "This Proposed Action Memorandum (PAM) decision document serves to close the Solar Evaporation Ponds (SEPs), Individual Hazardous Substance Site (IHSS) 101. Accelerated actions and closures of IHSSs are approved by the Department of Energy (DOE), the Colorado Department of Public Health and Environment (CDPHE, and the Environmental Protection Agency (EPA) under the Rocky Flats Cleanup Agreement (RFCA) (DOE/CDPHE/EPA, 1996)."	This comment was accepted and these changes were made to the text (before the PAM was released for public comment). Please see response to Comment 4.
6	New first sentence of the second paragraph: "This PAM also serves as the Resource Conservation and Recovery Act (RCRA)/ Colorado Hazardous Waste Act (CHWA) closure plan."	This comment was accepted and this change was made to the text (before the PAM was released for public comment). Please see response to Comment 4.
7	Changes to the end of the third paragraph: "...which provides for alternative requirements that are protective of human health and the environment. DOE has proposed a modification to Attachment 10...However, because the proposed modifications to the other RFCA Attachments are	This comment was accepted and this change was made to the text (before the PAM was released for public comment).

	still under development..."	
	Section 1.1	
8	The second sentence of the third paragraph states that "Results of the risk assessment were used to determine if any actions **or if additional sampling** was warranted". Determining whether or not to collect additional samples would be partially based on a statistical spatial analysis that was not included in the risk assessment. This analysis must be made to demonstrate that sample coverage is adequate.	This comment was accepted and a Data Adequacy Evaluation has been performed and is now included as Attachment I to the PAM.
	Section 3.1	
9	Lithium is a COC for groundwater from the SEPs.	This comment was accepted and lithium has been added to Section 3.1, specifically Paragraphs 3 (now 6) and 5 (now 8)to indicate lithium has been detected in groundwater monitoring wells. This change was made before the PAM was released for public comment.
10	It would be helpful if you included a short description of the groundwater conditions for informational purposes, such as depth to groundwater and aquifer characteristics. It is not clearly stated that you have sufficient information to conclude that remaining surface and subsurface contamination will not further contribute to groundwater contamination. This should be explained if that is indeed the case.	This comment was accepted and the following information was added to Section 3.1: "The groundwater flow path in the area of the SEP is very complex due to the varying thickness of the unconsolidated deposits and weathered bedrock units and the highly variable primary and secondary permeabilities of the two units. The combination of the varying thickness of the unconsolidated deposits and seasonal water table fluctuations result in large areas of the unconsolidated deposits in the area of the ITS becoming unsaturated. The hydraulic gradient between the

		unconsolidated deposits and weathered bedrock at the SEP is downward, due to infiltration of rainfall at the ponds. General depth to groundwater beneath the SEPs has historically been approximately 10 to 20 feet (DOE 1999). However, based on the dry conditions during 2002, depth to groundwater is approximately 25 to 30 feet. Recharge and subsurface inflow to the SEPs area originates from both natural and anthropogenic sources. Sources of recharge to the SPP include natural groundwater flow entering the SEP area from the west and southwest, infiltration of precipitation on the SEP and ITS hillside, runoff from the former PA directed to the ITS, and water used for dust suppression at the SEP (DOE 1999). At the SEP, the UHSU groundwater contains high total dissolved solids (TDS) concentrations, most notably in the immediate vicinity of the ponds and the portion of North Walnut Creek located north of the SEP. Leakage of process water concentrated by evaporation from the ponds provided a source of chemically distinct water to groundwater in the IHSS area. Concentrated water is easily distinguished from natural recharge water by its high TDS and major-ion contents (EG&G 1995c)."
	Section 3.2.2	
11	We recommend that you include summary information such as depths of samples analyzed and contamination detected at these depths to give a clearer picture of the situation in	This comment was accepted, and the various depth ranges were added to Section 3.2.2. The following text was also added: "Subsurface soil samples were collected from within the 0 to 6

	the subsurface.	foot depth interval, the 6 to 12 foot depth interval and depths greater than 12 feet. (Most samples stopped at the top of bedrock.) Samples outside the SEP were composited over 6-foot intervals, with the exception of samples for VOC analyses, which were collected at discrete 2-foot intervals. The sample intervals for collection of subsurface samples beneath the SEP were specified in TM No. 2 and varied from those subsurface samples collected outside the SEPs: • Samples composited over 2 feet intervals: Radionuclides, Target Analyte List (TAL) metals. • Samples collected 2 feet below ground and every other 2 feet, and one sample from bedrock: VOCs • Samples compositied over 4 foot intervals: Nitrate • Samples composited over 6 foot intervals: SVOCs, pesticides, PCBs, cyanide, sulfide." And this statement was added to the end of this section: "(For specific depths and concentration of contaminants, see the various tables in Appendix A of the risk assessment.)"
	Section 5.0	
12	It is unclear to what two exposure scenarios the second sentence of the fourth paragraph is referring.	This comment has been accepted and the sentence has been edited to delete a reference to two exposure scenarios (before the PAM was released for public comment).
	Section 6.0	
13	In several instances in this section (and at the end of Section 5.0), the statement, "determined not to be contaminated with hazardous waste", is used. Such a statement can only	This comment was accepted and the sentences have been modified to reflect that either the soil or liner material does not contain hazardous waste above a 1E-05 risk to a WRW (before

	be used if a determination has been made that a media does not contain a listed or characteristic waste. A determination that certain media are below a 1E-05 risk to a WRW is not a valid hazardous waste determination. These statements should probably be limited to explaining that these media do not contain hazardous waste above a 1E-05 risk to a WRW.	the PAM was released for public comment).
	Section 8.0	
14	This section should state whether there are elements of the final surface and vegetation cover the SEPs that will require maintenance to be effective.	Because a cover will not be placed over this area, regrading and revegetation will be consistent with the other areas of the Site.
	Section 9.0	
15	Some elements of the proposed best-management practice actions may impact the Solar Ponds Plume. The thickness of the unsaturated zone across the area needs to be provided along with an assessment of the evapotranspiration properties expected from the materials used to cover the site. A realistic assessment of recharge with the finished configuration should be provided, with and without breaching the liners. These assessments could be conducted with the UZ module of MIKE SHE or UNSAT-H.	In response to this comment and Rocky Flats Coalition of Local Governments (RFCLOG) comments the following paragraph has been added to Section 9.0: "When pushing in the berms, the bottom liner material will not be breached. Perching of groundwater in this area is not anticipated because a few of the ponds have cracks in the liners, some of the ponds will contain a few additional holes from lysimeters previously located within the ponds and from recent samples taken through the liners, the bottoms of the ponds are sloped to one corner, and a sandy fill material exists beneath the ponds. (The B-series ponds slope towards the northwestern corner. The A and C ponds slope towards the northeastern corner.) In addition, a majority of the sidewalls will be removed after the berms are pushed in, which will allow precipitation to flow out laterally. If, after the area is regraded and revegetated, water is observed to be perching in this area, equipment will be brought in (for example, GeoProbe ™) for

		purposes of breaching the liner material in additional locations."
	General Comments	
16	Information should be provided in the Closeout Report on type, location, depth and contaminant characterization of any pipeline left in place. Any pipelines encountered during regrading should be removed.	The information requested to be included in the Closeout Report is consistent with the type of information currently included in Closeout Reports. In addition, any pipelines encountered during regrading will be removed, as requested.
17	References to existing Tier I and Tier II action levels and proposed new WRW-based action levels is confusing. Soil below Tier I, but above new action levels need to be identified.	The purpose of including both current Tiered action levels and the new proposed soil action levels is to demonstrate that the SEPs area complies with both action levels. Clarification has been added to section 3.2 and to Table 6-1 to eliminate this confusion and to emphasize compliance with both.

	CDPHE Comments, Dated October 9, 2002 Attachment II-Human Health Risk Assessment, Solar Evaporation Ponds	**Response**
	Introduction and Purpose	
1	Page 1: It is stated that this document supports closure of the SEPs, however, closure is a risk management decision and is not the role of the risk assessment. It should instead be indicated that the risk assessment will be used as a tool by the risk manager in making remediation and/or closure decisions.	This statement was deleted.
2	Page 3-Figure 1.1: Revise title to remove "and Sampling Locations", as the sampling locations are not shown on this figure.	The Figure title was changed as suggested.
	Selection of COCs	
3	Page 6-Bottom Paragraph: Validation frequencies that are greater than 90% are not evident.	The text was change to discuss the range from 53 to 86% validated data.
4	Page 10-Section 2.2.5: The text indicates that the number of records where the RL exceeds the associated WRW PRG values is given below. This information is not evident.	The text in Section 2.1.1, Sensitivity, was changed to include this information.
5	Page 11-Last Line: The correct Section (2.x.x.) should be identified.	The text was corrected.
6	Page 12-Figure 2.2: There is an inconsistency with the title (0 to 6-inch depth) and Page 11-Surface Soil (0-2 inches). Please clarify the depths used to assess surface soil exposures.	The text was corrected. Surface soil data is defined as data from the surface to 0.5 feet or 6 inches. All samples that start within this interval are also included if their end depth is to 0.5 feet or 6 inches.

7	Page 16-Section 2.3.1: Please provide a table showing a comparison between site concentrations and western U.S. background levels of calcium, iron, magnesium, potassium and sodium.	Intakes comparison to RDAs and Western US background ranges is shown in Table 2.3.
8	Page 17-Table 2.2-Calculation of element intakes: For the majority of the elements (see ratio column in table below), a re-calculation produced values, which are 100-fold higher than those presented in the table. Overall, it should have little effect on which chemicals are carried through the risk assessment. However, the calculations should be double checked prior to finalization. For example, using a maximum concentration of 7,650 mg/kg manganese and assuming an intake of 200 mg of soil per day, an intake value of 1.53 mg/day was calculated. 7650 mg/kg * 200 mg/day * 1kg/1E06 mg = 1.53 mg/day (See also attached table, identified as Table I, which was also included with these comments.)	The intakes were reviewed and corrected as necessary.
9	Page 21-Table 2.7: Footnote for "a" is missing. Since the liner is a manmade material, it may not be appropriate it is to compare this material to soil background levels.	Liner results were compared to surface soil PRGs in Table 2.5 and Section 2.3.6 in accordance with agreements made with the regulatory agencies.
10	Page 22-Dibenzo (a,h) anthracene: Please provide a similar discussion for dibenzo (a,h) anthracene as was given for benzo (a) pyrene. (e.g., provide the summary statistics and compare to a PRG)	The additional text was added.
11	Page 22-Arsenic-Bottom of Page: The text states that there	The text was modified to indicate that arsenic was statistically

	was no evidence of arsenic contamination in the surface soil or the liner materials. However, arsenic failed the preliminary PRG screen in surface soils.	below background and was dropped as a COC.
12	Page 23-Section 2.3.7: Please provide a list of those chemicals for which no toxicity values were available.	The risk assessment only considered ALF analytes. All ALF analytes without toxicity values were listed in Table 2.15.
	Exposure Assessment	
13	Page 27-Table 3.1: Although an upcoming comment will ask that you remove this parameter from the table and reformat the equations follow those presented in the RSALs document, this parameter should be 230/365 rather than 250/365.	This was changed in Table 3.1.
14	Page 29-Third bullet-gamma-exposure time factor: This parameter will be handled differently once the equations are reformatted. Rather than having a separate parameter called Te_d, the exposure time of 4 hours per 24-hour day will be used. This results in the same value, but is just presented differently.	Daily gamma time factor is used by EPA and is now shown in the table. The daily gamma time factor is used in the risk assessment because the hours per day of exposure are needed for the occupational worker exposure to penetrating radiation.
15	Page 30-Section 3.3: This section would be better situated prior to presenting the exposure parameters.	This Section was moved to Section 3.2, ahead of Exposure Scenarios.
16	Page 32-Section 3.4: Second paragraph-Remove the word "be" from "This method was be used..." Third paragraph- The EPA reference is missing a number in the date.	The text was corrected as suggested.

17	Page 36-Table 3.4: Please revise the external radionuclide equation to match the one in the RSALs Task 3 report. Although the two equations result in the same calculated values, the nomenclature from the RSALs report should be utilized. In other words, the Te_A and Te_D parameters are no longer needed, since Te_A is essentially the ED/365 and Te_D is ET/24. There is a parameter name EV (events per day) listed in the dermal equation, which is not defined in the exposure factors table (Table 3.1 and 3.2). This parameter was apparently never used, and should therefore be removed from the equations. The table indicates that the AWF was set to 1, when it should indicate that the AUF was set to 1.	The equation was changed as suggested. The EV needs to be shown in Table 3.4 and is needed for correct units. EV was set to 1. This was noted in Table 3.4. AWF was changed to AUF.
18	Page 37-Table 3.5:Attempts to recalculate the chemical intake values presented in this table were unsuccessful. With the assumption that the HQ=intake/RfD, an intake value should be equivalent to the final HQ value (presented in Table C-3) multiplied by the RfD in Table 4.1. For example: Surface Soil Cadmium HQ (Table C-3) = 0.03 RfD (Table 4-1) = 1.00E-03 Therefore: Intake should equal 3E-05 However, the intake in Table 3-5 shows a value for cadmium of 1.1E-04.	All intakes were checked and corrected as necessary.

	A forward-going calculation of intake using all of the parameters and exposure point concentrations provided in the text was also done. The resulting intake was 2.74E-05 (or essentially still 3E-05). Please double check the source of the intake values that are presented in Tables 3.5, 3.6, C.2 and C.4. Several forward-going re-calculations resulted in the same end HQ values resulted, just not the same intakes.	
	Risk Characterization and Uncertainty	
19	Page 44-First Line: "...radionuclides are presented A." Should this say in Appendix C?	The data are presented in Appendix C.
20	Page 44-Section 5.3.1: Please identify for the reader, which chemicals constitute the RCRA chemicals summarized in the risk tables. For example, out of the COCs evaluated, only uranium is not included in the Hazard Index Summary. Perhaps a quick table could be developed that summarizes, which chemicals are incorporated into the final values.	The text was changed to identify RCRA analytes. Table 5.4 identifies risk by media, analyte, and exposure pathway.
21	Page 45-Third Paragraph: Remove the "is" from "The major contributors is to risk..."	The text was corrected.

Table I (reference comment number 6 under Appendix A-HHRA)

Chemical	Surface Soil Conc (mg/kg)		Recalculated Daily Intake (mg/kg)		Draft Final SEP RA (mg/kg)		Ratio of Recalculated to SEP values*	
	Mean	Max	Mean	Max	Mean	Max	Mean	Max
Calcium	23120	248000	4.62	49.60	0.04	0.5	115.6	99.2
Chromium	20.99	120	0.004	0.024	0.00004	0.0002	104.95	120
Copper	19.89	88.6	0.004	0.018	0.00004	0.0002	99.45	88.6
Iron	12706	27900	2.54	5.58	0.02	0.06	127.06	93
Magnesium	2570.7	6500	0.51	1.30	0.005	0.01	102.828	130
Manganese	308.8	7650	0.06	1.53	0.0006	0.02	102.9333	76.5
Molybdenum	2.36	4.95	0.0005	0.0010	0.000005	0.00001	94.4	99
Nickel	15.1	176	0.003	0.035	0.00003	0.0004	100.6667	88
Selenium	0.376	0.75	0.0001	0.0002	0.007	0.02	0.010743	0.0075
Silicon	3432.6	11300	0.69	2.26	0.000002	0.00001	343260	226000
Vanadium	29.8	67.6	0.006	0.014	0.00006	0.0001	99.33333	135.2
Zinc	64.4	460	0.013	0.092	0.0001	0.001	128.8	92

*With the exception of selenium and silicon (shaded), the ratios between the recalculated intakes and those presented in the risk assessment are 100-fold (with variation attributable to rounding)

	EPA Comments, Dated October 9, 2002 Attachment II-Human Health Risk Assessment, Solar Evaporation Ponds	Response
	Selection of COCs	
1	Page 17, Table 2.2, Comparison of Element Intake: In our previous comments DOE was asked to compare the analytes they were referring to as essential nutrients to toxicity reference values to ensure that unsafe levels were not being eliminated as COCs. The first choice of a toxicity reference value should always be the IRIS or HEAST databases. Other values, such as FDA's Recommended Daily Allowance (RDA), should be used as a last choice when no values are available from IRIS or HEAST. This hierarchy of toxicity information is described in EPA's 1989 *Risk Assessment Guidance for Superfund.* This table should be revised to be consistent with that guidance. Reference Doses and cancer slope factors are available for chromium, copper, manganese, molybdenum, nickel, selenium, vanadium and zinc. If an appropriate risk-based PRG was done elsewhere, then those analytes should be deleted from Table 2.2.	Essential nutrients with toxicity values in IRIS and HEAST were compared to ALs. Essential nutrients without toxicity values in IRIS and HEAST were compared RDAs. Table 2.3 was added to show the RDA and background comparison. In addition, the essential nutrients without toxicity values were compared to the range reported for Western US soils. All analytes were below ALs, toxicity values and RDAs and were within the reported background range.
2	Page 24, Tables 2.8, 2.9 and 2.10, Contaminants of Concern: In our previous comments of 3 September, DOE was asked to evaluate the COC distributions for normality/ lognormality prior to calculating an exposure point concentration (EPC) term. This was not done. Instead a relatively non-conservative technique was selected without demonstrating any understanding of the distribution of the data or the applicability of the bootstrap technique for the given data sets. This is not consistent with EPA policy or	The risk assessment was revised to determine the distribution for each analyte as requested, and described by EPA 1992 guidance. Tables (Table s 2.8 through 2.13) with results of the distributional testing and the process used are documented in the risk assessment. Transformed and non-transformed data were evaluated. A Data Adequacy Evaluation was performed and submitted as Attachment I to the PAM. Use of the Bootstrap non-parametric

	sound environmental statistics. The first step is to evaluate the data for normality or lognormality. This can be done using histograms, probability plots or goodness of fit (GOF) tests. The *simplest* way to do this is to use the W test for data sets with n< or =50, or D'Agosino's test when n is between 50 and 1000. Use an alpha = 0.05. If the distribution is normal (or lognormal using the transformed data), the EPA 1992 guidance should be used to calculate the EPC. If the distribution is neither normal or lognormal, the bootstrap-t method or a distribution specific method can be used to calculate the EPC. This process **must** be documented in the risk assessment. Tables must be provided showing the results of the GOF tests on both the transformed and non-transformed data and the statistical significance. The most serious shortcoming of the bootstrap method is that the simulations are bound by the minimum and maximum detected concentrations. If sample size is small (i.e., less than 30) and there is uncertainty regarding the representativeness of the data collected, the bootstrap results could underestimate the true mean concentration at a site, resulting in erroneous decisions of "no risk". From Tables 2.8-2.10 it appears that the surface and subsurface data sets have an adequate number of samples, however, the liners do not. A bootstrap method should not be applied to an *n* of 15.	re-sampling method to determine UCLs is consistent with recent EPA guidance and discussed by EPA as a viable technique. This technique is not necessarily non-conservative and the Data Adequacy Evaluation demonstrated this for the surface soils that dominate risk at the SEP. All statistical tests are bounded by minimum and maximum detected concentrations, so this is not a constraint unique to Bootstrap. However, we agree that the Bootstrap should not be used with small sample sizes less than n = 30. Recent EPA (1997 and 2002) guidance discusses the limitations of using an assumption of lognormality to quantify UCLs and reaching decisions based on log-transformed data. Non-parametric tests including the Bootstrap and Geostatistics are specifically discussed in recent EPA guidance and are recommended when distributional assumptions are questionable or when there is an evident spatial pattern. Even an apparent lognormal distribution may not be truly lognormal due to the presence of multiple populations in the observed data. Thus, use of lognormal UCLs can greatly overestimate or underestimate the true mean and it's associated variance. This was observed in the Data Adequacy Evaluation, Attachment I of the PAM. Ref: EPA 1997. Technology Support Center. The Lognormal Distribution in Environmental Applications. Ref: EPA 2002. Calculating Exposure Point Concentrations at Hazardous Waste Sites.
3	Page 27, Table 3.1 and Table 3.2: In our previous comments	The equations are consistent with EPA *2000 Soil Screening*

	of September 3rd, we asked DOE to use the same equations for calculating radionuclide risk which were used in the Task 3 report and which are specified in EPA's *2000 Soil Screening Guidance for Radionuclides*. This still has not been done. The gamma exposure factors listed in Tables 3.1 and Table 3.2 are variables in the older, outdated equations, not the newer ones. A footnote should be added for the dermal adherence factor explaining what it is based on since it is not a recommended default value in the EPA guidance (e.g., 95th percentile for grounds keepers). A footnote should be added for the surface area factor explaining what it is based on (e.g., 50th percentile for men and women for hands, forearms, and faces).	*Guidance for Radionuclides*. The exact equations in the EPA *2000 Soil Screening Guidance for Radionuclides* or the Task 3 report cannot be used because these equations are for continuous exposure and the WRW has a limited occupational exposure of 8/24 hours per day. Subsequent discussions resulted in corrections to the RSAL equations to limit worker gamma exposure from the continuous exposure used in the RSAL report. Based on EPA 2001 guidance, a weighted soil dermal adherence factor (AF_d) of 0.1 was used. This was based on the upper 95% value for a groundskeeper and a geometric mean for a commercial gardener. This text was added. The surface area factor, 4,260 cm^2, was used based on EPA 1997 guidance. The upper 95% value for head, forearms, and hands was used. Text was added to clarify this concept.
4	Page 29, 3rd bullet: See comment #4 above.	The text was changed as discussed in Response 2 above.
5	Table 3.4, Intake Equations: The inhalation risk equations for radionuclides, carcinogens and non-carcinogens have one too man Exposure Time (ET) variables. One of them has to go. The dermal equation for non-carcinogens is missing an exposure frequency (EF) and exposure duration (ED) variable. The external equation for radionuclides is outdated and	ETo was removed from the equation because it was set to 1.0. The text was corrected. The external equation for radionuclides is current and consistent with EPA and other federal guidance. The equation in the Task

	inconsistent with the Task 3 report.	3 report could not be used as presented for the worker, because this equation is for continuous residential exposure.
6	Page 40, Dermal Exposure to Chemicals: The last sentence in this section states that because no adjustments were made to the toxicity values when assessing dermal exposure, this adds conservatism to the assessment. This is incorrect. The reverse is true. By using a default value of complete (i.e., 100%) oral absorption you are actually underestimating risk (Risk Assessment Guidance for Superfund, Part A (Appendix A.1) and Part E (page 4.4)). This should be noted and the section on page 40 revised accordingly. If desired, the oral toxicity factors can be adjusted based on GI absorption for assessing dermal exposure. It would make the assessment more technically accurate.	The text was corrected in Section 4.0.

	RFCAB Comments, Dated November 7, 2002	Response
	CHARACTERIZATION: Attachment 1, the Data Adequacy Evaluation, concludes: "Statistical and spatial analyses both indicate that the sampling at the SEPs is adequate, especially in view of the low estimated risk observed."	
1	Although some new soil samples were taken near valve vaults, sumps, potential OPWL leaks, and RCRA Units 21 and 48, the site is depending on historical data in order to characterize the liners and the soil beneath the ponds and around the pond berms. Per maps provided in the risk assessment, one of five ponds (Pond B-South) had no subsurface characterization at all, and another (Pond C) had characterization only in the depth profile perhaps due to leakage. Pond C is in the vicinity of an original unlined pond, whose soils were regraded and possibly incorporated into the berms of Pond C at the time of its construction in 1970. In terms of historical sampling, how were sample density and location determined, and why were the areas noted above excluded?	Sampling strategies and methodologies for OU 4/IHSS 101, SEP are documented in the Final Phase I RFI/RI Workplan, dated January 1992, Revision 1 dated May 1992 (Administrative Record Number OU04-A-000172 (approved by CDH and EPA on May 8, 1992, OU04-A-000147). In addition, based on significant comments from both CDH and EPA, two Technical Memorandums (TMs) were written to clarify how sampling would be conducted. (TM No. 1-Vadose Zone Investigation, December 1992 [OU04-A-000241] and TM No. 2-Modification to Field Activities, May 1993 [OU04-A-000648]. Based on these documents and comment responses, the types of samples collected and locations/sample density that were agreed upon between CDH, EPA, and DOE are as follows: <u>Surface Soil</u> Based on a review of the 1989 soil sampling data, contamination around the ponds indicated aerosol dispersion existed from the ponds. This observation prompted an OU 4-wide surficial radiological survey for alpha and beta/gamma radiation. Based on these results, surface sampling was divided into two sampling sets: 10 surface soil samples were to be collected in areas exhibiting the highest radiological levels found during the survey, in areas where data gaps existed and where seeps were encountered; and 25 surface soil samples were to be collected in randomly chosen locations throughout the OU 4 area.

		Subsurface Soil and Liner Material - A geophysical investigation was conducted to locate buried lines and structures and distinguish between unconsolidated/consolidated material. - Vadose zone monitoring was conducted to determine infiltration characteristics, identify perched water horizons and characterize vadose water quality. - Borings were placed to characterize lithologies, soil, and chemistry, as well as to identify the old clay liner, depth to groundwater and bedrock; migration pathways; and patterns of leakage. - Unconsolidated soil sampling was conducted under the ponds, in areas surrounding the ponds and in the vicinity of the Interceptor Trench System (ITS). - Agencies agreed to place 48 boreholes as follows: 4 within the original pond area, 26 within the existing pond area, and 18 within the ITS area and the remainder of the OU. - It was agreed that three borings would be placed within each pond, except for the A pond, which would have six. Liner material and subsurface soil samples were to be collected. At this time Ponds 207-C and 207-B-South still contained liquids and it was agreed to postpone placement of these borings. - In April 1995, the C pond still contained some liquids; however, three borings were placed into this pond (locations 48195, 48295, and 48395). Samples were collected of liner material and subsurface soil at depths of 0-0.5, 0.5-2.5, 2.5-4.5, and 4.5-6.0 feet (IA-A-000335). These data were

		included in the risk assessment. Although Attachment I of the draft PAM indicates the data were not validated, the data were used in the risk assessment because the data were not rejected. - Based on a January 4, 1995, letter from CDPHE, Ponds 207-A and all of the B-series ponds were considered "empty" (I101-A-000288). - Based on the sampling results of the Phase I RFI/RI, a draft IM/IRA was written in February 1995. Based on comments to this IM/IRA from CDPHE dated April 11, 1995, CDPHE requested the IM/IRA to clarify that drilling beneath Pond 207-B South was no longer planned. The liner of this pond demonstrated integrity that precluded the need for additional RFI/RI investigation (I101-A-000289).
2	RFCAB recommends that the site not rely solely on historical data for the pond liners, berms and soil beneath the ponds. New samples should be taken in order to better characterize these areas. Similar to the 903 Pad remediation project, the samples should be independently verified. While the Data Adequacy Evaluation concluded that sampling was adequate to show with 95% confidence that residual contamination does not pose unacceptable risk to a hypothetical refuge worker, it does not speak to the question of whether more sampling is needed to analyze contaminant migration potential and impacts to surface water. RFCAB feels additional sampling would be of value for long-term stewardship purposes.	Based on the discussions and comments on the Phase I RFI/RI Work Plan and on TMs No. 1 and 2 as referenced in the response to comment 1, extensive sampling has been performed to characterize contaminant migration pursuant to the RFI/RI. In addition, once all comments and changes were made to these documents to ensure adequate characterization was performed, including the identification of migration pathways, all of these documents were approved by both regulatory agencies. In addition, no such sources in the soil were identified that could potentially leach contaminants and impact surface water via vadose zone transport. Groundwater data confirm that the uranium and past tritium plumes are disperse, dilute, and generalized. Thus, the existing plumes are not indicative of discrete soil source terms at the SEP. In addition, key COCs that drive risk (Am-241, U-235, and U-238) are radionuclides with

		fairly high partition coefficients and are relatively immobile. Finally, an existing treatment system is in place to intercept and capture any contaminants from the ponds prior to impacting surface water.
3	It does not appear that the area was surveyed for radionuclides with field instruments. Given the relatively small size of the area, RFCAB recommends that DOE look into the feasibility of doing field surveys to provide additional assurance that all surface soil hotspots have been detected and remediated.	Please see response to Comment No. 1. An OU 4-wide surficial radiological survey for alpha and beta/gamma radiation was conducted to determine the lacement of several surface soil samples historically. However, use of more portable detection equipment would not be possible given the instrument sensitivity and weak gamma emissions from Am-241 of 60 kev at 36% occurrence. Am-241 also has a low Gamma Ray Dose Constant of 8.479E-05 (mSv/h)/MBq. An adequate number of surface soil samples have already been collected across the SEP area, including the ponds themselves. Additional samples have subsequently been collected as part of the RSOP effort and removal of hot spots. No additional hot spots were observed during RSOP sampling.
4	Although regrading of the area is considered a best management practice, and therefore, outside the scope of the decision document, there exists the potential to expose contaminants in the process. RFCAB recommends that any potentially contaminated subsurface soil to be exposed by regrading be characterized to show that the resultant surface contamination is below action levels. An example of this is soil currently beneath the liners that will be exposed when the liners on the slopes of the berms are peeled back. Likewise, if there are areas where Old Process Waste Lines (OPWL) or other subsurface features are brought near the surface by regrading, these should be analyzed for possible removal consistent with the proposed	Historical sampling beneath the liners has shown concentrations to be below current ALs. In addition, the berms will be pushed in and the entire area will be regraded with fill material. There will be no subsurface soil exposed at the surface. Also, during field activities involving peeling back the liners, radiological control technicians (RCT's) have randomly surveyed field equipment periodically each day to ensure elevated levels of contamination have not been encountered. The liners have very little risk and will be completely covered with berm soil. A very low risk was also associated with subsurface soil with a maximum Am-241 concentration of 6.1 pCi/g. Confirmation samples will be collected on the final

	end state strategy.	graded surface following remediation to verify that no hot spots remain. The attached Table I summarizes risk associated with various pond media. OPWL, line P-26 (IHSS 149.1), was encountered while pushing in the north berm of Pond 207-A. This line was removed back to the western side of Pond 207-A, the end was grouted and coordinates were taken. This information will be included in the closeout report for ER RSOP activities. The pipe debris will be shipped offsite as low-level mixed waste. No other lines or subsurface features have been encountered.
5	How was characterization performed on OPWLs removed under the ER RSOP actions and for what constituents? These results should be made available to the public, especially in view of their relevance to the end state discussions.	Soil surrounding the OPWL in the SEP AOC was sampled in accordance with IASAP Addendum #IA-02-07. Soil was sampled at approximately 3 feet below the surface and analyzed for radionuclides, metals and nitrates. Typically OPWL waste lines < 3 feet below grade were removed and a characterization sample was collected. All of these results will be available in the closeout report.
	LONG-TERM STEWARDSHIP	
6	Section 8.0 on Stewardship runs counter to DOE draft policy, which states, "long-term" stewardship is considered in each decision that impacts DOE cleanup. This responsibility extends from the identification or remedial alternatives, remedial design, construction, and operation and through all relevant decisions made over the lifetime of the hazards." (Version 2.0 of Draft Long-Term Stewardship Strategic Plan)	The Stewardship section (Section 8.0) was revised and has been reviewed by the regulatory agencies. The groundwater treatment system will be addressed in the Industrial Area Plume IM/IRA.

	RFCAB urges DOE to analyze potential impacts of residual soil contamination on the groundwater treatment system. Are there secondary source removal actions that could be taken to enhance the effectiveness of the groundwater treatment system, or to reduce the life cycle costs of maintaining it? A more robust analysis is needed in accordance with DOE's commitment to consider long-term stewardship when making remedial decions.	
7	Section 8.0 purports to address prospective long-term stewardship needs, but does so inadequately. Only the need for institutional controls is specified, and even then, there is no mention of digging restrictions. Other factors that should be considered include physical controls, physical inspections, monitoring/maintenance, information management, periodic assessment and controlling authority, much as was done in the "Present Landfill Interim Measure/Interim Remedial Action." RFCAB urges DOE to be as specific as possible regarding stewardship requirements. RFCAB would like to examine life cycle cost estimates for these requirements as they are being developed.	The following text was added to the stewardship section : "Because the risk assessment results indicate environmental risks are below regulatory requirements and potential groundwater impacts are mitigated by the treatment system, the long-term stewardship actions and recommendations for the SEP AOC are as follows: 1. Continue Federal ownership and control over the site; 2. Implement land use restrictions to prevent soil excavation that could access or disturb residual contamination. Specific land use restrictions will be discussed in the Site Long-Term Stewardship Plan and evaluated along with other institutional controls for implementation in the final remedy selection process; 3. Maintain the groundwater treatment system; 4. Restrict groundwater use; 5. Review groundwater and surface water monitoring stations near the SEP when long-term monitoring options are

		evaluated; and 6. Maintain environmental data and other relevant data. These recommendations may change based upon other future Site remedial activities." Life cycle cost estimates for long-term stewardship requirements will be determined as part of the Long-Term Stewardship Plan."
8	RFCAB understands that a closeout report will be prepared for the Solar Ponds PAM. It should integrate stewardship information for the area as a whole, including not only soil but groundwater and surface water as well, into a single document. It should also include information on the asphalt liners that have been left in place, so that future stewards will be aware that these may require additional breaching should drainage problems arise.	The closeout report is specific to the actions taken in accordance with ER RSOP Notification #02-08. The closeout report does not include information on liners; this information is in the PAM. The stewardship section of the closeout report is specific to the actions taken in accordance with ER RSOP Notification #02-08.
9	The closeout report should also include maps showing residual contamination on the surface, as well as maps correlating contamination with depth. Sampling results from OPWL leaks should be noted, as well as the depths of OPWLs left in place. We recognize this list of criteria for the closeout report to be incomplete and request the opportunity to provide comment on the report prior to regulatory approval.	The closeout report will include maps of residual contamination at the areas where actions were taken in accordance with ER RSOP Notification #02-08. Sampling results from potential OPWL leaks will be included in the closeout report.
	SEGREGATION OF ENVIRONMENTAL MEDIA	
10	The Solar Evaporation Ponds area provides another example of how dividing a remedy into separate media discourages evaluating the system as a whole. For	A general review of groundwater contaminants in relation to subsurface soil concentrations of these contaminants was performed prior to the writing of this PAM. The specific

	instance, a groundwater remedy for the Solar Ponds area was selected as part of a separate decision process three years ago with no analysis of whether soil removal might enhance groundwater quality over the long term. The Solar Ponds PAM examines soil removal in the context of protecting a future refuge worker, but does not analyze soil removal for the purpose of protecting groundwater and surface water. As stated in comments made recently on other remedial decisions, namely the 903 Pad Soil Removal and the Present Landfill Cover, RFCAB continues to believe DOE would derive benefit from examining all aspects of a remedy at once.	purpose of this review was to determine whether additional soil removal was necessary to protect groundwater beyond that of the current SPP collection and treatment system. A portion of this information was provided in Section 3.1 of the PAM. As additional consideration, the Actinide Migration Evaluation Advisory Group addressed the issue of potential uranium source term associated with the old and new Solar Evaporation Ponds, as documented in the January 8-9, 2001 Meeting Minutes (available on Environmental Data Dynamic Information Exchange [EDDIE] under document archive). "...In general, the U concentrations found in and around the sites ponds were very low, and in the pCi/g (soil) or pCi/L (water) range...Most important is the fact that the soil cores were sampled all the way down to the bedrock layer, and in no case was a large deposit of Uranium observed.... It appears that there is in fact, only a small quantity of U present. This is consistent with the geochemical modeling results of Ball (2000) that suggested that groundwater samples near the Sites ponds were all under-saturated with respect to common U solids. Therefore, the observed retardation of U relative to nitrate is more consistent with sorption/desorption processes. This is also consistent with our expectations for U geochemical behavior, namely that it will be relatively soluble and mobile under the soil and groundwater conditions at RFETS. The fact that only a small amount of U present beneath the Sites ponds suggests that the reactive barrier presently installed downslope of the Sites ponds should continue to capture and remediate U as an ancillary role to the treatment of nitrate."

		The following sentence has been added to section 3.2.2, 4th paragraph: "Uranium contamination exists as a large dispersed area of very low concentrations beneath and to the north of the SEPs, and no discrete secondary source of uranium is apparent (Kaiser-Hill, 2001)."
	CONSISTENCY WITH END STATE PROPOSAL	
11	The end state proposal involves applying a risk screen to subsurface contamination in order to evaluate the potential of erosion/landslide activity and burrowing animals to bring contaminants to the surface. Likewise, the potential impact of residual contamination on surface water quality must be analyzed. Please describe how the Solar Ponds remedial decision considered the factors noted above. This is not to be viewed as RFCAB endorsement of the risk screen methodology, as Board deliberations on the proposal are still pending.	It is noted that the SEP AOC remedial decision is not based on the proposed risk screen, but rather on the risk assessment. The risk screen will not be implemented until formally incorporated into RFCA. However, for purposes of the SEP AOC, the following is provided: The risk screen identified in this comment relates to Screen 2 as referenced in Figure 3 of the Revised RFCA Attachment 5 (DOE, et al. 2002). Screen 1 asks "Are COC concentrations below Table 3 Soil Action Levels for the WRW?" The answer is "Yes" for the SEP COCs. Therefore, Screens 2, 3 and 4 are skipped leading directly to Screen 5. Screen 5 asks, "Are COC concentrations below Table 3 Soil Action Levels for ecological receptors?". The answer is "Yes" for COCs. Lead (a non-COC) is the only constituent in which the surface soil concentration (121 mg/kg) exceeds the ecological receptor AL (97.7 mg/kg). However, after consultation, it was determined not to be an impact to target species. The last screen, Screen 6 asks "Is there a potential to exceed Surface Water Standards at a POC?" The answer is "No", because a treatment system has been installed, and points of evaluation SW093 and GS10 monitor this area. In addition, Pond A-4 is the detention pond within Segment 5 for North

		Walnut Creek and Pond B-5 is the detention pond on South Walnut Creek. Any runoff from this area is sampled and analyzed in these ponds to determine water quality and ensure downstream standards are met. Based on the COCs for the SEPs, these constituents have not been a concern for these monitoring areas. Therefore, based on the soil risk screen process, no further accelerated action is required. This process is summarized in Table 6-1 of the PAM.
	CONSTITUENTS OF CONCERN	
12	The list of potential constituents of concern in this PAM is much smaller than that considered in the 1995 IM/IRA (a document that was never approved). RFCAB understands that this discrepancy stems from the fact that the RFCA parties have developed a new process for determining constituents of concern. Where is the new process documented? Was it the result of new regulatory guidance? Was it subject to public review?	The COC selection process is documented in the Risk Assessment (RA) on pages 14-22. A flow chart is shown on page 15. This selection process has been extensively discussed with the regulatory agencies. The current COC selection process has evolved since 1995 and now utilizes more current statistical methods discussed by EPA guidance: EPA, 2001, Risk Assessment Guidance for Superfund (RAGS) Volume 3 Part A, Characterizing Variability and Uncertainty in the Concentration Term, December. EPA, 2002, Calculating Exposure Point Concentrations at Hazardous Waste Sites, OSWER 9285.6-10, July. EPA, 1997, The Lognormal Distribution in Environmental Applications, Technical Support Center, December. In addition, the Data Adequacy (Attachment I) discusses these

		issues as they relate to the SEP.
	HOTSPOT REMOVAL	
13	Although RFCAB has not yet taken a position on the proposed action levels, we commend DOE for the common-sense approach used for hotspot removal at the Solar Ponds area. That is, RFCAB understands that surface soil hotspots in excess of proposed action levels were simply removed, regardless of size. RFCAB prefers simple removal to the complex, area-weighted approach spelled out in the Industrial Area Sampling and Analysis Plan, whereby small hot spots may not qualify for removal. RFCAB appreciates the maps provided separately showing hot spots removed under the ER RSOP. These should be added to the Solar Ponds PAM because of their relevance to a no further action decision. In addition, RFCAB recommends that DOE provide maps showing residual contaminant levels for each contaminant of concern, and include them in the closeout report.	The closeout report will include maps of residual contamination at areas where actions were taken in accordance with ER RSOP Notification #02-08.
	BUDGET	
14	The Closure Project Baseline estimates over six million dollars will be spent on the Solar Ponds source removal activities. With the proposed "No Further Action," DOE may stand to save a great deal of money on this project. If this proves to be the case, RFCAB recommends that these funds be put towards remediation at other areas of the site.	The completion of the SEP closure at a lower cost than originally estimated only means that the unused estimated resources may be available to accomplish and perhaps accelerate the overall Rocky Flats closure project. However, there is no direct tie from SEP savings to other Environmental Restoration projects. There are a number of Environmental Restoration projects currently unfunded in Fiscal Year 2003. Actual budgeted resources that become available because they were not expended on Solar Ponds closure (and other work that is accomplished under budget) may allow currently unfunded

		Environmental Restoration projects or other higher priority unfunded work to proceed. Such savings may also be needed to accomplish scheduled and funded work that costs more than originally estimated.
	DETAILED COMMENTS ON THE DECISION DOCUMENT	
15	PAM, Page 19, ¶ #8: "During 1992, a brief investigation was performed to determine if the 207B-Series Ponds were leaking into the uppermost aquifer. This was accomplished by sampling wells in the vicinity of the SEPs for a dye that was placed in the SEPs. Based on the study, it was determined that no leakage was occurring from the 207 B-Series Ponds." It should be pointed out that this study represents a snapshot in time and does not prove that the B-series Ponds have never leaked. In fact, according to the 1995 Proposed IM/IRA, "the subsurface PCOCs generally appear to be higher in the subgrade samples beneath the northern side of SEP 207-B than the other two SEPs sampled (Ponds A and B-Center)..." (Page II.3-20)	The IM/IRA is accurate in stating that the subsurface PCOCs are higher on the northern side of pond 207-B North than the other two (Pond 207-A and Pond 207-B Center). Indicating contamination was flowing to the north from these ponds. Based on the sampling results of the Phase I RFI/RI, a draft IM/IRA was written in February 1995. Based on comments to this IM/IRA from CDPHE dated April 11, 1995, CDPHE requested the IM/IRA clarify that drilling beneath Pond 207-B South was no longer planned. "The liner of this pond demonstrated integrity that precluded the need for additional RFI/RI investigation" (Administrative Record Number I101-A-000289). However, for purposes of long term stewardship, soil samples beneath Pond 207-B South will be collected.
16	PAM, Page 31, Second ¶: "Based on historical data, uranium and nitrate concentrations in surface soil and subsurface soil are all below RFCA Tier I and Tier II action levels. In addition, lithium, nickel and selenium are also below Tier I and Tier II action levels in both surface and subsurface soil. Therefore, no additional soil removal is required for	Please see Response to Comment 10.

	purposes of reducing the long-term stewardship obligations of the SPP treatment systems." RFCA soil action levels have been calculated based on acceptable exposure to a future user of the site (i.e., a refuge worker) and are not necessarily protective of groundwater or surface water. Because RFCA soil action levels were not designed to be protective of surface water via groundwater, they are not a valid basis for this determination. Indeed, uranium in the subsurface soil has contributed to a groundwater plume despite being largely below the RFCA soil action levels. Although the primary source, pond sludge, was completely removed by 1995, there is still the issue of what constitutes a potential secondary source of groundwater contamination. That is, are there elevated concentrations of uranium in subsurface soil whose removal would be expected to reduce the necessary operating life of the groundwater treatment system? A subsurface leachability model would likely be needed to answer this question.	
17	PAM, Page 44 Section 7.0, Environmental Impacts "Implementing Best Management Practices means that about 35,000 cubic yards of soil will be brought into this area." Has DOE analyzed the effect the added weight of this material might have, if any, on the stability of the hillside? The "OU 4 Proposed IM/IRA Decision Document" dated February 10, 1995 states that a 1970 study concluded the steep slope north of the Solar Ponds to be "at high risk of	The final contour for this area has taken into consideration the long-term stability of the north hillside. In phase II, the toe of the berms for each pond on the north slope (Ponds 207-A, 207-B North, and 207-C) was pushed back to the south approximately 60 feet to the natural existing slope. The new crest or high point is established at that point to relieve overburden stresses along the hillside slope. With the crest or high point moved to the south, it will provide greater stability for the slope and minimize

	failure." (Page II.1-6). To what extent does the stability of the area depend on the interceptor trench system, which removes groundwater from the hillside?	erosion.
18	PAM, Page 44, Section 9.0, Best Management Practices: This section should weigh the possible impacts, both beneficial and adverse, of not further disrupting the liners.	The following paragraph has been added to Section 9.0: "When pushing in the berms, the bottom liner material will not be breached. Perching of groundwater in this area is not anticipated because a few of the ponds have cracks in the liners, some of the ponds will contain a few additional holes from lysimeters previously located within the ponds, the bottoms of the ponds are sloped to one corner, and a sandy fill material exists beneath the ponds. (The B-series ponds slope towards the northwestern corner. A and C ponds slope towards the northeastern corner.) In addition, a majority of the sidewalls will be removed after the berms are pushed in, which will allow precipitation to flow out laterally. If after the area is regraded and revegetated, water is observed to be perching in this area, equipment will be brought in (for example, a GeoProbe ™) for purposes of breaching the liner material in additional locations."
19	Attachment II, Page 12: Based on a review of the maps provided, very few surface soil samples appear to have been taken from the south end of the Solar Ponds area. Does runoff from this area drain through surface water monitoring station, GS10, where there have been recurring exceedances for plutonium and americium? If so, this area deserves increased scrutiny as a possible source of the surface water exceedances.	In August 2001, RFETS published the Final Source Evaluation Report for Point of Evaluation GS-10, Water Years 2000-2001 (RF/EMM/WP-01-003.UN; Revision 0) (available on EDDIE). This report investigates possible pathways that may be contributing to Pu/Am detected at GS-10. This includes the area surrounding the SEP, which indicate a majority of soil and sediment samples from the areas surrounding the SEP show Pu/Am ratios of less than 1.0. (Refer to Section 4.4 of this report.) "Considering the topography of this area (low gradient) and the relative pervious surfaces (unpaved dirt areas) it is unlikely that this area contributes runoff for most precipitation events. Although this area is likely not the current source of the

		actinides associated with the *lower Am set*, it may have been a past source of Am to S. Walnut Cr." In addition, on March 28, 2001, a gauging station GS50 was installed to monitor runoff from the southern edge of the SEP area. All the runoff measured at GS50 is tributary to GS10; consequently, GS50 also serves as a source location monitoring station for GS10. To date, very little runoff has been collected at this station. Based on flows, the SEP area is not a significant contributor to GS-10. Loads to GS-10 from this area are less than 1% for both Am and Pu. Based on the results of surface soil samples, concentrations of americium and plutonium exceeding proposed RFCA ALs were removed as hot spots in accordance with RSOP Notification # 02-08.

20	Attachment II, Page 22: There is a reference to data having significantly high values and irregular units. In "OU 4 Solar Evaporation Ponds Interim Measure/Interim Remedial Action Environmental Assessment Decision Document, February 1995, Part II, Appendix O" a result of 329,000 pCi/L for tritium in surface soil (Sample #SS00004AE) was noted and would seem to fall into this category, since surface soil results are usually represented in units of pCi/g. This data point does not appear in Table A-21 of the risk assessment. It also carries a "Y" code and may have been omitted for that reason.	Tritium was not considered a possible COC in soil. We do have H-3 results reported in pCi/L for soil and these are the correct units. These results were obtained by extracting the soil moisture. These results are much higher than water due to the residual tritium associated with the soil matrix when these samples were collected. However, we cannot use these results in a meaningful way because we would have to convert them to pCi/g and evaporation of tritium would effectively remove any source term in surface soils. However, an evaluation of H-3 data in groundwater and surface water has been completed and has been added to Section 3.1 of the PAM. It was concluded that H-3 is not a concern. "Tritium has been detected in the vicinity of the SEP in both surface soil and groundwater based on historical sampling conducted in 1991. A signature of tritium was observed around the ponds in groundwater with a maximum concentration of 13,850 pCi/L in 1991. This concentration was below the drinking water standard of 20,000 pCi/L and currently this concentration is approximately 6,300 pCi/L due to radiological decay. Vadose transport and dispersion in saturated zones should further reduce this maximum concentration. Tritium sampling has also been conducted near the SPP treatment system and the Site boundary to assess possible surface water impacts. The maximum concentration detected near the SPP treatment system in 1991 was 780 pCi/L. This detection was observed in January 1991 and exceeded the surface water standard of 500 pCi/L. Subsequent samples collected from October 1991 to February 1992 had concentrations below the surface water standard. Samples

		collected after April 1991 had tritium concentrations below detection limits. The overall averaged concentration at this location was 55 pCi/L. Tritium samples collected at the Site boundary from 1991 to 2002 had a maximum reported concentration of 13,400 pCi/L in 1991. Maximum concentrations steadily declined in the following years from 3,310 pCi/L and were below detection limits from 1999 to present day. Detection limits ranged from 150 to 180 pCi/L at the Site boundary location. The concentration of tritium in groundwater and surface water near the SEPs and for the Site as a whole are well below drinking water and surface water standards."
21	Attachment II, Page 29: "A central tendency mass loading (ML) value was used to estimate risk via inhalation over the 18.7-year exposure period. The RSALs Task 3 calculations used an upper 95th percentile value. This is appropriate for conservative action levels or PRGs." For the refuge worker and rural resident scenarios, the RSALs calculations used a probability distribution for the mass loading parameter. The distribution accounts for the increase in dust inhalation that would be observed in the aftermath of a prairie fire, based on empirical data from the wind tunnel studies. The above implies a high-end point value was used as the basis for the RSAL calculations. The statement is correct for the open space user and office worker scenarios, neither of which was deemed appropriate for setting soil action levels or PRGs.	We are aware of the RSAL probabilistic mass loading distribution. We selected the 50% value from this distribution for the RA pending evaluation and use of actual site monitoring data. The upper 95th percentile mass loading of 67 $\upsilon g/m^3$ is also a point estimate from this distribution and was used to calculate PRGs. The comment implies that the following statement made in the SEP risk assessment is false: " A central tendency mass loading (ML) value was used to estimate risk via inhalation over the 18.7-year exposure period. The RSALS Task 3 calculations used a upper 95th percentile value. This is appropriate for conservative action levels or PRGs." The September 30, 2002, Task 3 Report includes a workbook for the calculation of the refuge worker RSALs. The calculations are performed using both a probabilistic approach and point

		estimates for the parameters. The ML value chosen for the point estimate calculation is the 95th percentile of the probability distribution calculated for the Task 3 Report. As stated in the SEP risk assessment, the use of this high-end value is appropriate for ALs or PRGs, but not for a long-term, forward-looking risk assessment.
22	Attachment II, Page 37, Section 4.0 Toxicity Assessment: Acute Toxicity does not appear to have been considered in the risk assessment. Perhaps that is due to the fact that most observed contaminant concentrations are low. Even so, if there are any contaminants of concern that have acute toxicity values, these levels should be noted so that the reader can be assured that acute toxicity has been given due consideration.	Acute toxicity was considered, but no analytes with ASDR acute oral toxicity values were present at concentrations approaching the acute values. Values are provided below: **Acute Oral Toxicity Table** **Analyte** — **Acute Toxicity** **mg/kg/day** — **mg/kg-soil** Acenaphthene Acetone Aldrin — 0.002 — 1,400 Ammonium — 0.5 — 350,000 Benzene Bromodichloromethane — 0.04 — 28,000 Bromoform (Tribromomethane) — 0.6 — 420,000 Bromomethane (Methyl bromide) alpha-Chlordane — 0.001 — 700 bis(2-Chloroisopropyl)ether — 0.3 — 210,000 Chloromethane (Methyl chloride) 1,4-Dichlorobenzene Dieldrin — 0.000007 — 4.9 Diethylphthalate — 7 — 4,900,000 Endosulfan I — 0.005 — 3,500

		Endrin (technical) 0.002 1400 Hexachlorobenzene 0.008 5600
23	Attachment II, Page 37: "Oral and inhalation SFs (cancer slope factors) are used to characterize the potency of carcinogens. A SF is a dose-response factor used to relate carcinogenic response to chemical dose. SFs are used to estimate the upper bound probability of an individual developing cancer as a result of exposure to a potential carcinogen." Cancer slope factors published in EPA Federal Guidance Report No. 13, "Cancer Risk Coefficients for Environmental Exposure to Radionuclides," apply to an average member of the public, and are therefore central tendency estimates, not upper bound estimates as indicated above.	It is true that the radiological slope factors are central estimates in a linear model of the age-averaged, lifetime attributable radiation cancer incidence (fatal and nonfatal cancer) risk per unit of activity. The statement quoted referred to "chemical dose" and was specifically discussing slope factors for nonradionuclide carcinogens. RAGS Part A (EPA 1989) defines carcinogenic slope factors for nonradionuclides as follows: "A plausible upper-bound estimate of the probability of a response per unit intake of a chemical over a lifetime. The slope factor is used to estimate an upper-bound probability of an individual developing cancer as a result of a lifetime of exposure to a particular level of a potential carcinogen." Slope factors are conservative because they (1) assume maximum gut uptake, (2) use soluble classes for analytes to assess inhalation, and (3) assume continuous exposure over the entire duration and a 50-year committed dose following each annual intake.
24	Attachment II, Page 45: "A 50th percentile estimate developed by the RSALs Working Group was used in the risk assessment. This figure is about double the documented site average (11.8 ug/cubic meter), but 30 percent of the 95th percentile figure used by the working group for the RSALs action levels (67 ug/cubic meter). The 95th percentile value is appropriate for action levels to be used for screening, but is too conservative for a forward-looking, long-term risk	Please see response to Comment 21 discussing the mass loading coefficient. The statement was not meant to imply that the probabilistic calculations use a point estimate for the ML parameter. Point estimates were recommended in the Task 3 Report and accompanying workbooks. It is this recommended point estimate to which this statement referred. In risk assessment terminology, comparison of the environmental concentrations to a risk-based concentration for the purpose of making remedial decisions is referred to as a screen. Any assessment that does not calculate long-term risk using site-

	assessment. The effect of using multiple high-end factors in a risk assessment quickly leads to unrealistically high estimates of risk. EPA guidance recommends using a balance of high end and central tendency estimates to avoid this problem." Again, this implies incorrectly that the probabilistic RSAL calculations were based on a point estimate for the mass loading parameter. It also incorrectly refers to RSALs as screening level calculations, when, in fact, RSALs are used to make remedial decision per the RFCA.	specific data is generally referred to as a screen. We understand the probabilistic nature of the mass loading distribution and RSAL Report-derived point estimates. We acknowledge that RSAL ALs, as recently corrected for gamma exposure to the worker, will be used to guide remediation as specified in RFCA. However, the Comprehensive Risk Assessment will be used to quantify actual long-term risk estimates for all receptors following remediation based on RSAL screening levels.
25	Attachment II, Page 45 (focusing on the last part of the above paragraph): "The effect of using multiple high-end factors in a risk assessment quickly leads to unrealistically high estimates of risk. EPA guidance recommends using a balance of high end and central tendency estimates to avoid this problem." In the context of the mass loading distribution developed for the RSALs, this statement implies that the RSAL working group failed to use a balance of high end and central tendency values and thereby ran afoul of EPA guidance. Without getting into merits of the RSALs mass loading distribution (which DOE had a hand in developing), discussion of a single parameter says nothing about the overall balance of parameters selected in the RSAL calculations. Moreover, the EPA Office of Radiation and Indoor Air,	The statement concerning RSAL calculations implies nothing more than it says. Multiple high-end factors lead to over estimates of risk in a long-term forward-looking risk assessment. It was not referring to the validity of RSAL methods or results. In fact screening levels should be based on conservative assumptions. We consider the RSAL estimate of mass loading at the 95 percentile of 67 $\upsilon g/m^3$ to be conservative with respect to a long-term forward looking risk assessment. This upper-bound estimate is considered conservative because the assumption of a prairie fire was used without regard to the frequency of occurrence for such an event. In other words, a fire is assumed to occur every year that a receptor is onsite, and this is an unlikely possibility that has not been factored into the mass loading. For purposes of actually quantifying long-term risk to receptors, we therefore intend to use more realistic estimates from measured air monitoring data for the site.

	Radiation Protection Division, reviewed the RSALs Task 3 Report on behalf of EPA Headquarters. A letter to EPA Region VIII dated May 6, 2002 regarding the RSAL report stated: "The document was well thought out and the approach was based on the appropriate science." Since EPA has reviewed the RSAL report and found it to be in accordance with EPA technical guidance on risk assessment, this statement should be stricken from the PAM	Clarification will be added to the text to clearly state that we want to use realistic parameter values for the risk assessment and are using the RSAL action limits to select COCs in a conservative and justifiable manner based on a comprehensive analysis presented in the RSAL Report.
26	Attachment II, Page 45, Section 5.4.2, Uncertainties in Exposure Point Concentrations and Exposure Factors: This discussion should acknowledge that one of the largest sources of uncertainty in any risk assessment is associated with cancer slope factors, which are central tendency estimates of the potency of ga given radionuclide to cause cancer in the general population. EPA has yet to develop probability distributions that would allow risk assessors to simulate the variability of this parameter. As a result, risk assessments do not account for the fact that certain subpopulations may be more susceptible to these carcinogenic effects than is indicated by the risk factors in Federal Guidance Report 13. Quoting from the May 6, 2002 EPA letter noted above, whose comment was directed toward the RSALs Report, but applies equally to the Solar Ponds risk assessment: "It would be clearer if the report stated in a more prominent way that central estimates of slope factors were used for this analysis."	Slope factors are conservative as discussed in Comment 23. This inherent conservatism is protective of the population in general. However, a statement will be added to the risk assessment to discuss this source of uncertainty and the uncertainty associated with the inherent heterogeneity of collected soil data and their spatial distribution. As discussed in the risk assessment, conservatism was applied to every step in the risk assessment and slope factors contribute a small percentage of the total. Also as indicated, there is currently no way to estimate this uncertainty.
27	Attachment II, Page 49:	

	"Americium-241, **plutonium**, and uranium-235 in surface soils are the largest contributors to risk." "The majority of the risk was from **chromium**, americium-214, and uranium-235 in surface soil." These two statements from the Summary and Conclusions section of the risk assessment seem to contradict each other. It may be helpful to include a breakdown of risk by contaminant to clarify the apparent discrepancy.	The text will be corrected to indicate that carcinogenic risk was dominated by Am-241, Pu-239, and U-235 in surface soil with a total risk of 2E-06. Chromium dominated nonradiological carcinogenic risk with a probability of 2.7E-07. Nonradiological carcinogenic risk was approximately an order of magnitude below radiological carcinogenic risk.

Table I Percent of Total Risk by Environmental Media (Risk Estimate)

Percent of Total Risk			
Environmental Media	**NonCarcinogenic**	**Carcinogenic Risk**	
		Radiological	**Nonradiological**
Liner	0.05 (0.00002)	4.7 (1.0E-07)	No COCs
Subsurface Soil	4.8 (0.002)	1.8 (3.9E-08)	1.1 (2.9E-09)
Surface Soil	95.2 (0.04)	93.5 (2.0E-07)	98.9 (2.7E-07)
Total	100.0	100.0	100.0

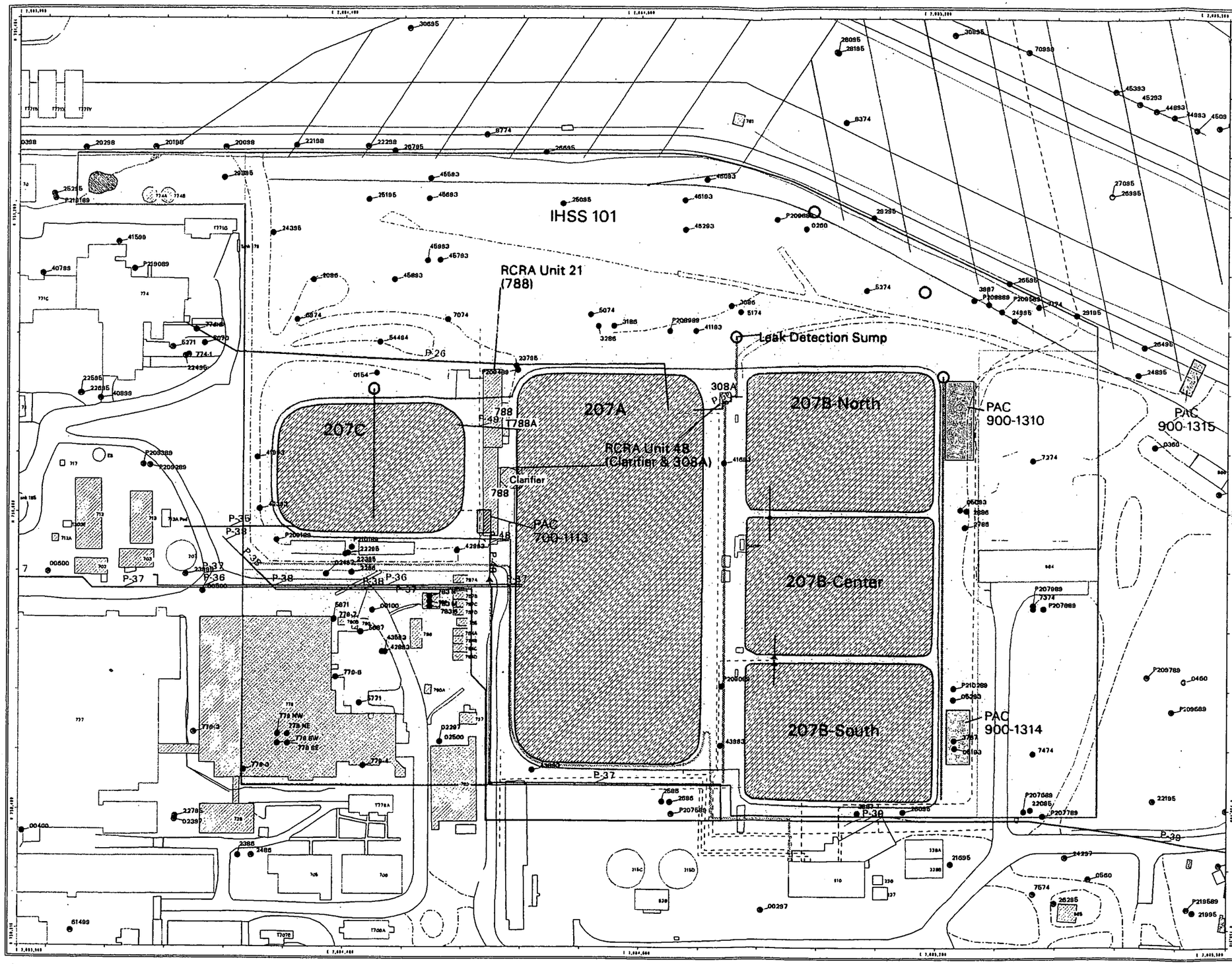


Figure 2-3

Solar Evaporation Ponds and Associated Components

EXPLANATION

- Portions of IHSS 101 managed by other IHSSs, PACs or UBCs
- RCRA Unit Boundary
- Individual Hazardous Substance Site (IHSS)
- Potential Area of Concern (PAC)
- Original Process Waste Line (OPWL) (A portion of IHSS 121)
- Interceptor Trench System (ITS)
- Drainage Tile and Leak Detection Line
- New Process Waste Line (NPWL) (A portion of RCRA Unit 374.3)
- Reverse Osmosis Line (underground)
- Raw Water Line (underground)
- Modular Storage Tank (MST) Return Line
- Valve Pit
- Groundwater Well
- Sumps

Standard Map Features

- Buildings and other structures
- Demolished buildings
- Solar Evaporation Ponds (SEPs)
- Lakes and ponds
- Streams, ditches, or other drainage features
- Paved roads
- Dirt roads

DATA SOURCE BASE FEATURES: Buildings, fences, hydrography, roads and other structures from 1994 aerial (ir-ones) data captured by EG&G RSL, Las Vegas. Digitized from the orthophotographs. 1/95

Scale = 1 : 1610
1 inch represents approximately 134 feet

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

GIS Dept. 303-966-7707

Prepared by: DynCorp — THE ART OF TECHNOLOGY

Prepared for: KAISER-HILL COMPANY

September 20, 2002

NT_Svr w:/projects/fy2002/02-0623/solar_ponds_02-0931.aml

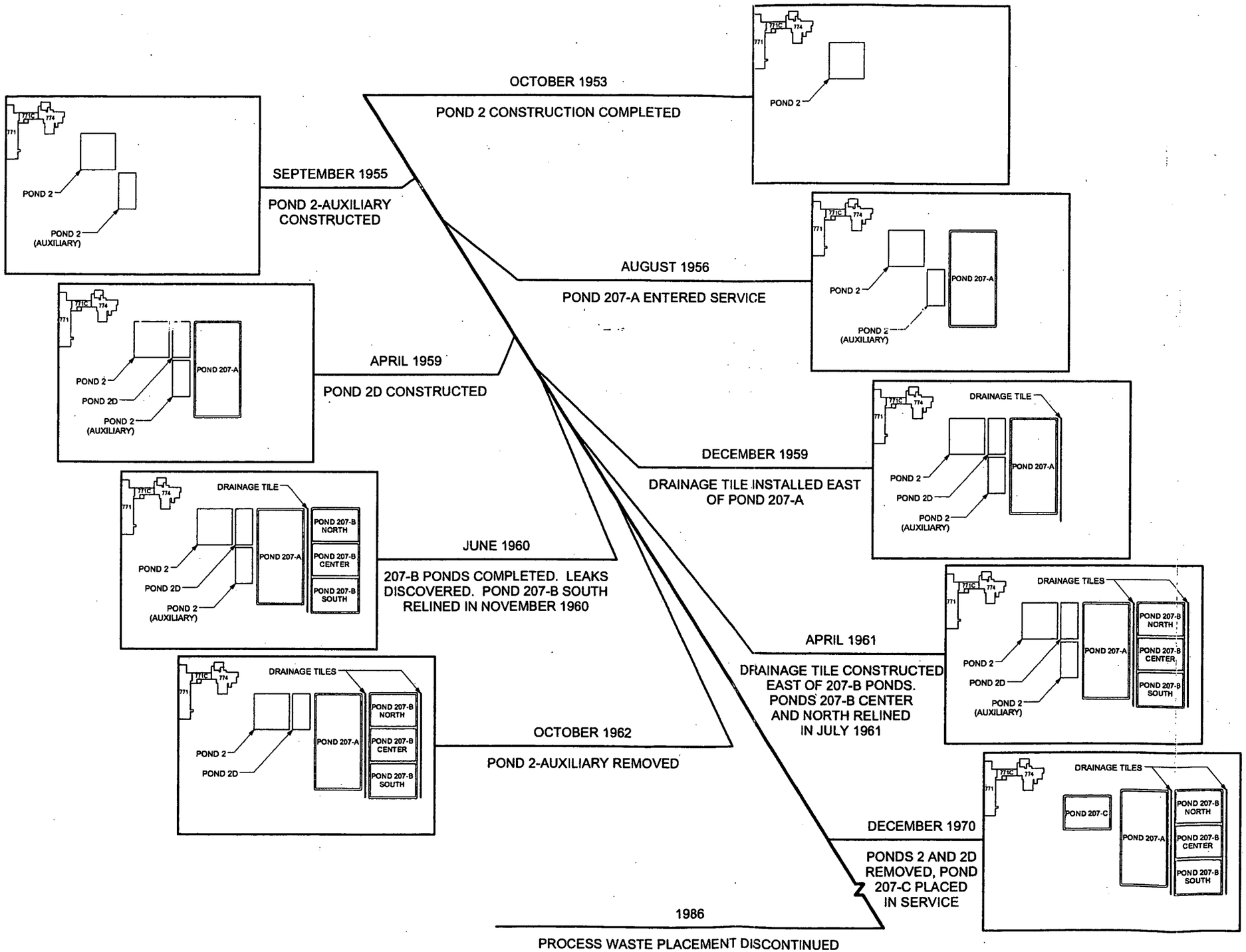


Figure 2-2

Chronological History of Major Pond Construction, Operation and Removal

Source: Solar Evaporation Ponds Operable Unit No. 4, IM/IRA Environmental Assessment Decision Document

U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: GIS Dept. 303-966-7707

DynCorp
THE ART OF TECHNOLOGY

Prepared for:
KAISER HILL

MAP ID: 02-0622

Septembe 12, 2002

16