01-DOE-00055

QUARTERLY REPORT FOR THE ROCKY FLATS GROUNDWATER PLUME TREATMENT SYSTEMS

October through December 2000

December 31, 2000

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ACRONYM LIST

CAD/ROD	Corrective Action Decision/Record of Decision
CWTF	Consolidated Water Treatment Facility
DOE	Department of Energy
EPA	Environmental Protection Agency
gpm	gallons per minute
GAC	granular activated carbon
ITS	Interceptor Trench System
FY	Fiscal Year
msl	mean sea level
NPDES	National Pollutant Discharge Elimination System
OU	Operable Unit
pCi/l	picoCuries per liter
pCi/ug	picoCuries per microgram
RFCA	Rocky Flats Cleanup Agreement
RFETS	Rocky Flats Environmental Technology Site
RMRS	Rocky Mountain Remediation Services, LLC
SCFA	DOE Subsurface Contaminant Focus Area
SITE	Superfund Innovative Technology Evaluation
SVOCs	semivolatile organic compounds
ug/l	micrograms per liter
VOCs	volatile organic compounds

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1.0 INTRODUCTION

This quarterly report describes the activities and provides the available performance monitoring data for the five groundwater collection and treatment systems at the Rocky Flats Environmental Technology Site (RFETS) from October through December 2000 Also included in this report are the analytical results for samples collected during the previous quarter (i e , August, September) that were not available for the last quarterly report

Three of the groundwater collection and treatment systems are reactive barriers designed to protect surface water These were installed for the Mound Site Plume, the East Trenches Plume and the Solar Ponds Plume The systems were installed near the distal ends of the associated plumes to intercept groundwater before it enters surface water These systems are effective in low flow, low permeability regimes

Two other groundwater collection and treatment systems are currently operating at the Site These are the Operable Unit (OU) 1 – 881 Hillside system and the OU7 – Present Landfill Seep collection system This report provides information on the performance of each of the five systems

2.0 MOUND SITE PLUME TREATMENT SYSTEM

The Mound Site Plume Treatment System uses reactive barrier technology to collect and treat contaminated groundwater derived from the Mound Site area The source was removed as an accelerated action in 1997 The Mound Site Plume System was installed in 1998 to meet the Groundwater Action Level Framework Tier 2 concentrations defined in the Rocky Flats Cleanup Agreement (RFCA) (DOE, 1996) The Mound Site Plume System employs innovative technology to treat groundwater contaminated with chlorinated organic compounds and low levels of radionuclides The effectiveness and feasibility of using this technology on other contaminated groundwater plumes was demonstrated by this project The Mound Site Plume System location is shown on Figure 1

The Mound Site Plume Treatment Project was a cooperative effort between RFETS and the Department of Energy Subsurface Contaminant Focus Area (SCFA), with support from the US Environmental Protection Agency (EPA) Superfund Innovative Technology Evaluation (SITE) Program Funds continue to be provided by SCFA in Fiscal Year (FY) 2001 for additional sampling beyond that required by the Mound Site Plume Decision Document (DOE 1997a) This additional sampling provides extensive data to various research organizations on the effectiveness and feasibility of reactive barriers

2.1 Project Events

Each of the two treatment cells contains 4 feet of iron filings as the treatment medium for the contaminated water The upper one-foot of media in each cell is a mixture of 90% pea gravel and 10% iron which facilitates raking and reduces crust formation The media surface was raked on a weekly basis to minimize crust formation To date, no crust appears to be forming Probing beneath the surface also indicates that a crust was not forming at depth

Quarterly water level monitoring and sample collection was performed by Tetra Tech for the EPA SITE Program Site personnel performed monthly water level monitoring and sample collection

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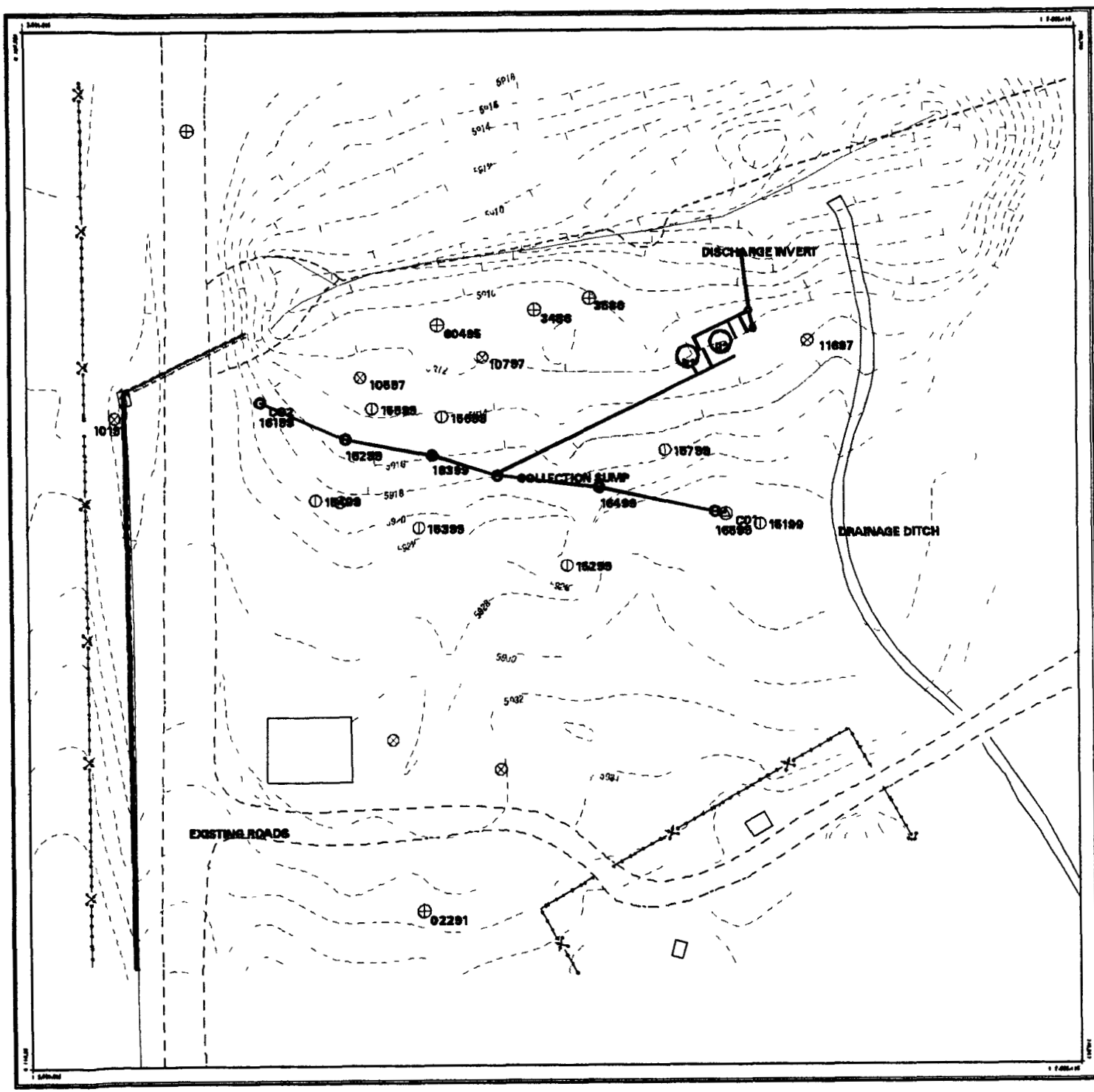

MOUND PLUME TREATMENT SYSTEM LOCATIONS

Figure 1

Rocky Flats Environmental Technology Site

EXPLANATION

Detailed Key

- New Ground Water Well
- Existing Ground Water Well
- New Trench Water Level Monitoring Probes
- Geoprobe
- New Trench Cleanout
- Contours
- Fences
- 72" Culvert
- Trench System

Standard Map Features

- Buildings and other structures
- Lakes and ponds
- Streams, ditches, or other drainage features
- Paved roads
- Dirt roads

Scale = 1 800
1 inch represents approximately 67 feet

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD27

U S Department of Energy
Rocky Flats Environmental Technology Site

Prepared by: DynCorp — THE ART OF TECHNOLOGY

Prepared for: KAISER-HILL COMPANY

MAP ID: 99-0226

December 20, 2000

Original map contents are preserved. Logo and date have changed.

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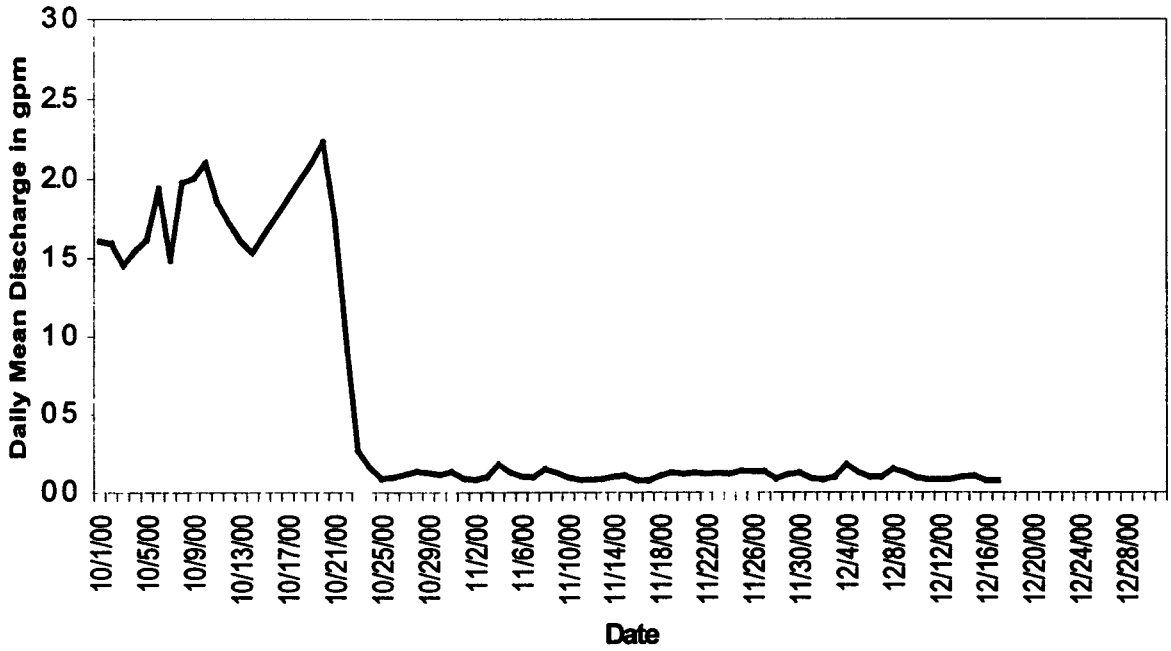
2.2 Treatment Effectiveness

Treatment system flow rates and volume of water treated are recorded automatically The flow rates for the period of October through December are shown on Graph 1 The recorded flow rate ranged from 0 072 to 2 1 gallons per minute (gpm) The October average flow rate was 1 28 gpm, the November average flow rate was 0 11 gpm and the December average flow rate was 0 10 gpm The volume for October through December 17 was 64,146 gallons The total volume of groundwater flow through the system as of December 17, 2000 was estimated at 659,791 gallons

Graph 1 Mound Plume Treatment System Flow Rates, October through December 2000



Around October 20th, the field crew noted that the flow-measuring device was not recording the appropriate flow volume and it was discovered that the flow meter had become misaligned Parts were ordered and the unit was repaired As illustrated by Graph 1, flow rates after the unit was repaired are significantly lower Review of the previous quarter flow rates and the October flow rates indicate that flow rates prior to meter repair are likely overstated for late September and the early October timeframe

Water levels within the collection trench were monitored at five piezometers and measured monthly Water levels were also monitored quarterly at seven locations surrounding the collection trench (three upgradient, three downgradient and one to the east) These locations are shown on Figure 1 and the water levels are shown in Table 1 Water elevation upgradient of the collection trench was approximately 5,918 feet Water elevation downgradient of the collection trench was 9 feet lower at around 5,909 feet, with piezometer 15599 dry The water levels in the collection trench piezometers remained constant for this reporting period These data indicate that the collection system is working as designed

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Table 1 Mound Plume Piezometer Water Levels

Trench Piezometers (in feet below top of casing)			Upgradient/Downgradient Piezometers (elevation above mean sea level [msl])	
	9/13/00	10/5/00		10/5/00
16199 (West)	9 25	Dry	15199	5918
16299	12 03	12 42	15299	5916
16399	9 44	9 43	15399	5918
16499	9 18	9 17	15499	5919
16599 (East)	12 29	12 29	15599	Dry
			15699	5907
Downgradient Well (in feet below top of casing)			15799	5911

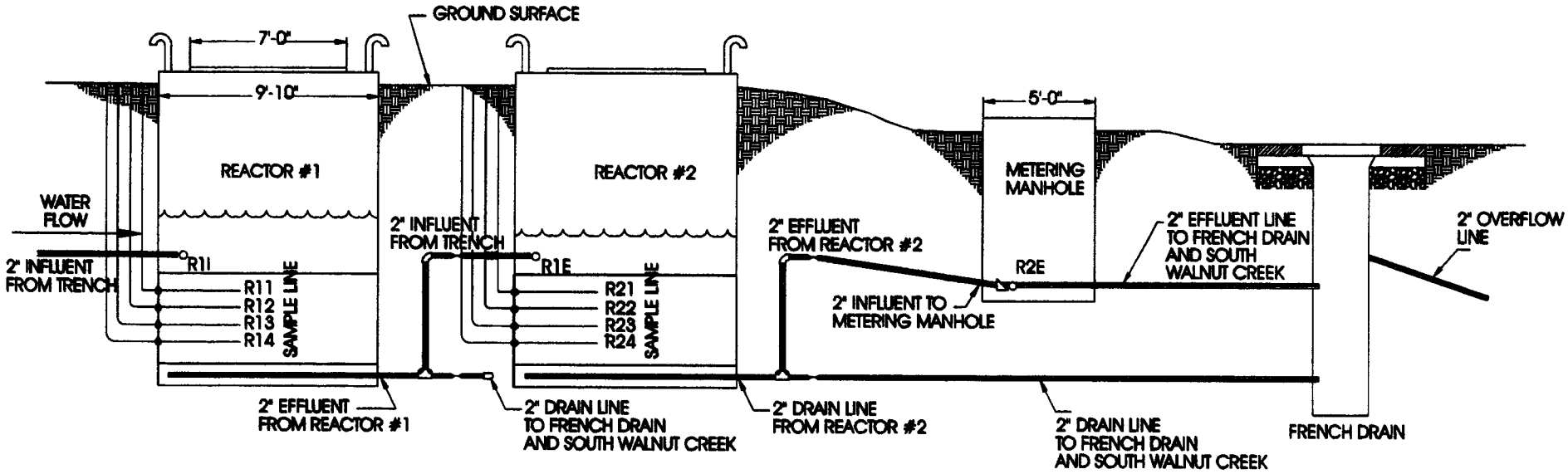
	9/8/00	10/5/00	11/2/00	12/5/00
3586	8 12	8 11	8 18	8 32

In fiscal year 2000, water samples were collected at one-foot intervals within the first treatment cell to provide additional data for evaluating system performance Figure 2 shows the sampling locations within the two treatment cells However, samples were not collected from within the second treatment cell because the first treatment cell was operating more efficiently than originally expected For fiscal year 2001, the samples were only collected at the influent and effluent of the treatment cells

Analytical results for the August, September, and October 2000 sampling events were received this quarter and are presented in this report The results continue to indicate that the first two feet of reactive iron remove most of the volatile organic compounds (VOCs) and radionuclides Sample results received this quarter are provided in Appendix A

2.2.1 August 2000 Sampling Event

Samples were collected on August 16, 2000 The influent contaminant concentrations were reduced to below RFCA Tier 2 groundwater action levels by the time the treated water left the system as shown in Table 2 and Graph 2 Most of the VOC contaminants were removed in the first treatment cell within the first two feet of the reactive media, and all contaminants were reduced below action levels at the effluent from the first reactor cell The contaminants were generally not detectable at the effluent from the second reactor cell



LEGEND

- REACTIVE IRON
- SAMPLE LOCATION
- WATER LINE
- SAMPLE LINE

NOT TO SCALE

Figure 2
Sample locations within the Mound Plume Treatment Cells

RMRS
Rocky Mountain Remediation Services L.L.C.
Geographic Information Systems Group
Rocky Flats Environmental Technology Site
P.O. Box 464
Golden, CO 80402-0464

99-0318

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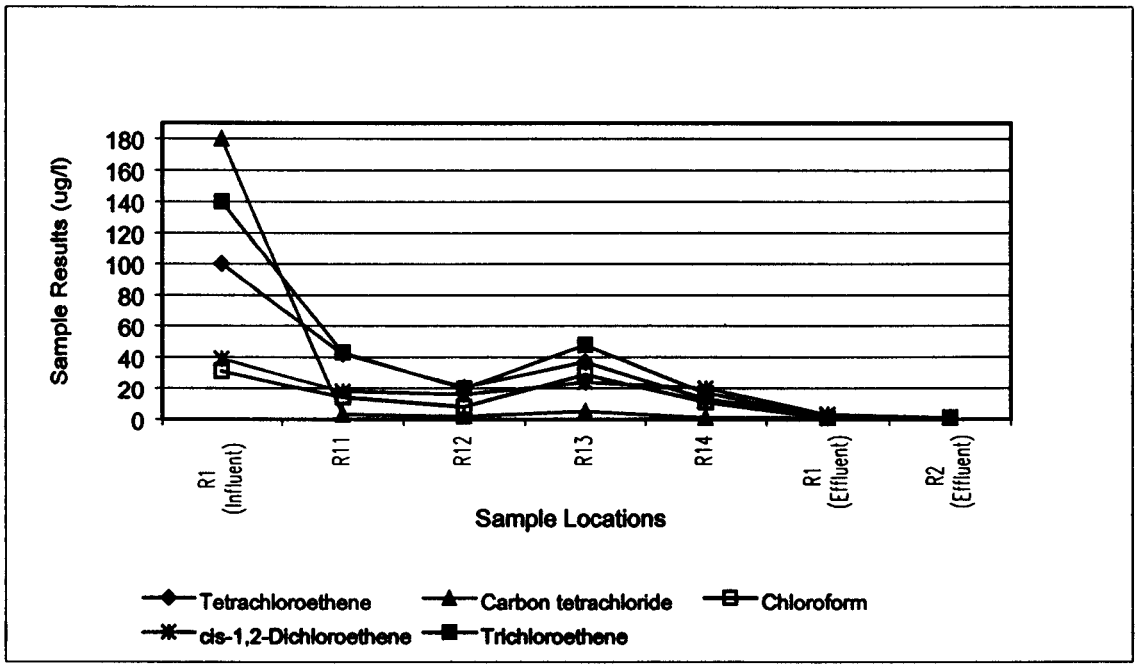
Table 2 Summary of the August 2000 Sampling Event

Contaminant	Influent (R1I) Concentration (ug/l)	Reactor 1 Effluent (R1E) Concentration (ug/l)	Reactor 2 Effluent (R2E) Concentration (ug/l)	RFCA Groundwater Tier 2 Action Levels (ug/l)
Trichloroethene	140	ND	ND	5
Tetrachloroethene	100	ND	ND	5
Carbon Tetrachloride	180	ND	ND	5
Chloroform	31	ND	ND	100
cis-1,2-Dichloroethene	39	3	1 J	70
1,1-Dichloroethene	10 J	ND	1	7
1,1-Dichloroethane	2 J	2	1	3,650
1,2-Dichloroethane	1J	0 7 J	0 5 J	5
Methylene Chloride	ND	0 4 JB	0 3 JB	5
1,1,1-Trichloroethane	10 J	ND	ND	5
Total Uranium (pCi/l)	8 39	ND	ND	10

B = Present in the laboratory blank (possible lab contamination)
J = Detected at concentrations below the detection limit for this analysis
ND = Not detected at the detection limit for this analysis

Graph 2 Mound Plume Treatment Results by Sample Location, August 2000



2.2.2 September 2000 Sampling Event

Samples were collected on September 13, 2000 The influent VOC contaminant concentrations were significantly reduced by the time the treated water left the system as shown in Table 3 and Graph 3 Most of the VOC contaminants were removed in the first treatment cell within the first two feet of the reactive media, and all contaminants were reduced below action levels at the effluent from the first reactor cell Uranium was below detection limits in the influent, and activities remained below detection limits at the effluent from the first and second treatment cells

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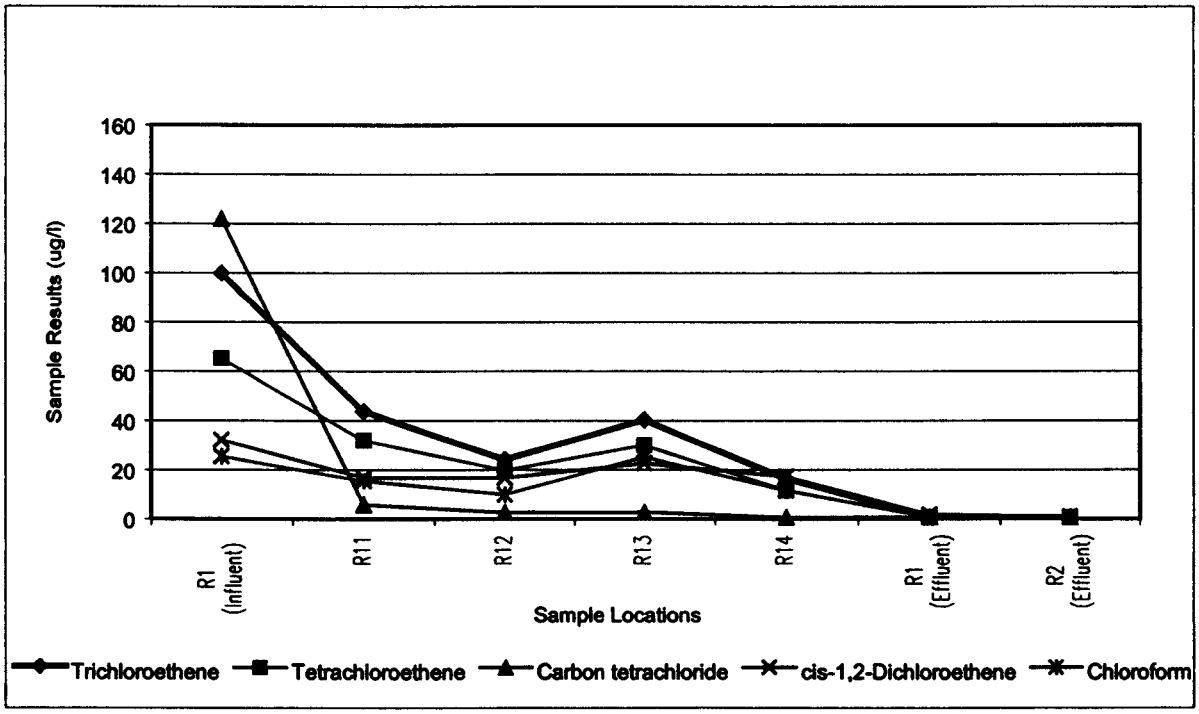
Table 3 Summary of the September 2000 Sampling Event

Contaminant	Influent (R1I) Concentration (ug/l)	Reactor 1 Effluent (R1E) Concentration (ug/l)	Reactor 2 Effluent (R2E) Concentration (ug/l)	RFCA Groundwater Tier 2 Action Levels (ug/l)
Trichloroethene	100	ND	ND	5
Tetrachloroethene	65 3	ND	ND	5
Carbon Tetrachloride	122	ND	ND	5
Chloroform	25	ND	ND	100
Cis 1,2-Dichloroethene	32	1 7	0 74	70
1,1-Dichloroethene	7	ND	ND	7
1,1-Dichloroethane	1 3	1 2	0 75	3,650
1,2-Dichloroethane	0 79 J	0 5	0 4 J	5
1,1,1-Trichloroethane	5 9	ND	ND	5
Total Uranium (pCi/l)	ND	ND	ND	10

J = Detected at concentrations below the detection limit for this analysis
ND = Not detected at the detection limit for this analysis

Graph 3 Mound Plume Treatment Results by Sample Location, September 2000



2.2.3 October 2000 Sampling Event

Starting in FY 2001, only samples of the influent and effluent from the second treatment cell will be collect from the Mound Treatment System. Influent and effluent samples were collected on October 25, 2000 The influent VOC contaminant concentrations reduced to below RFCA action levels by the time the treated water left the system as shown in Table 4 Using a conversion factor of 0 677 pCi/ug, the 4 81ug/l value reported for uranium equates to 3 25 pCi/l Uranium was below the RFCA action level in the influent and concentrations fell below the detection limit at the effluent

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Table 4 Summary of the October 2000 Sampling Event

Contaminant	Influent (R1I) Concentration (ug/l)	Reactor 2 Effluent (R2E) Concentration (ug/l)	RFCA Groundwater Tier 2 Action Levels (ug/l)
Trichloroethene	104	ND	5
Tetrachloroethene	68 7	0 33 J	5
Carbon Tetrachloride	133	ND	5
Chloroform	25 6	ND	100
Cis 1,2-Dichloroethene	37 3	0 69	70
1,1-Dichloroethene	8	ND	7
1,1-Dichloroethane	1 6	0 85	3,650
1,2-Dichloroethane	0 79 J	0 4 J	5
1,1,1-Trichloroethane	6 3	1	5
Total Uranium (pCi/l)	3 25	ND	10 pCi/l

J = Detected at concentrations below the detection limit for this analysis
ND = Not detected at the detection limit for this analysis

2.3 Conclusions and Planned Changes

The Mound Site Plume Treatment Project is fully operational and treating contaminated groundwater to below specified system performance concentrations Ongoing maintenance, raking the iron media and retrieving flow rate and water level data are the only required activities While system sampling will continue to verify the performance of the treatment system, on October 1, 2000, the sampling frequency changed to semiannual sampling of the influent and effluent, as specified in the Mound Site Plume Decision Document (DOE 1997a)

3.0 EAST TRENCHES PLUME TREATMENT SYSTEM

The East Trenches Plume Treatment System collects and treats the contaminated groundwater derived from the Trench 3 and Trench 4 area to the Groundwater Action Level Framework Tier 2 level concentrations defined in the RFCA (DOE, 1996) The sources for the contaminated groundwater plume were remediated in 1996 as an accelerated action

Installation of the 1,200-foot collection system and two reactive iron treatment cells, similar to the Mound Plume System, was completed in September 1999 The location of the system is shown on Figure 3 This system requires little maintenance and provides long-term protection of surface water by collecting and treating the contaminated groundwater before it reaches South Walnut Creek

3.1 Project Events

The iron media in the two treatment cells was raked weekly to minimize crust formation Site staff performed system maintenance along with water level monitoring and sample collection

3.2 Treatment Effectiveness

Treatment system flow rates for the period of October through December are shown on Graph 4 The recorded flow rate from the treatment system ranged from 1 6 to 2 9 gpm and averaged approximately 2 5 gpm The average flow rate flow rates for October, November, and December were 2 5, 2 5 and 2 7 gpm, respectively A problem with this flow meter was discovered in early November and resolved around November 15 It is assumed that because the average flow rates

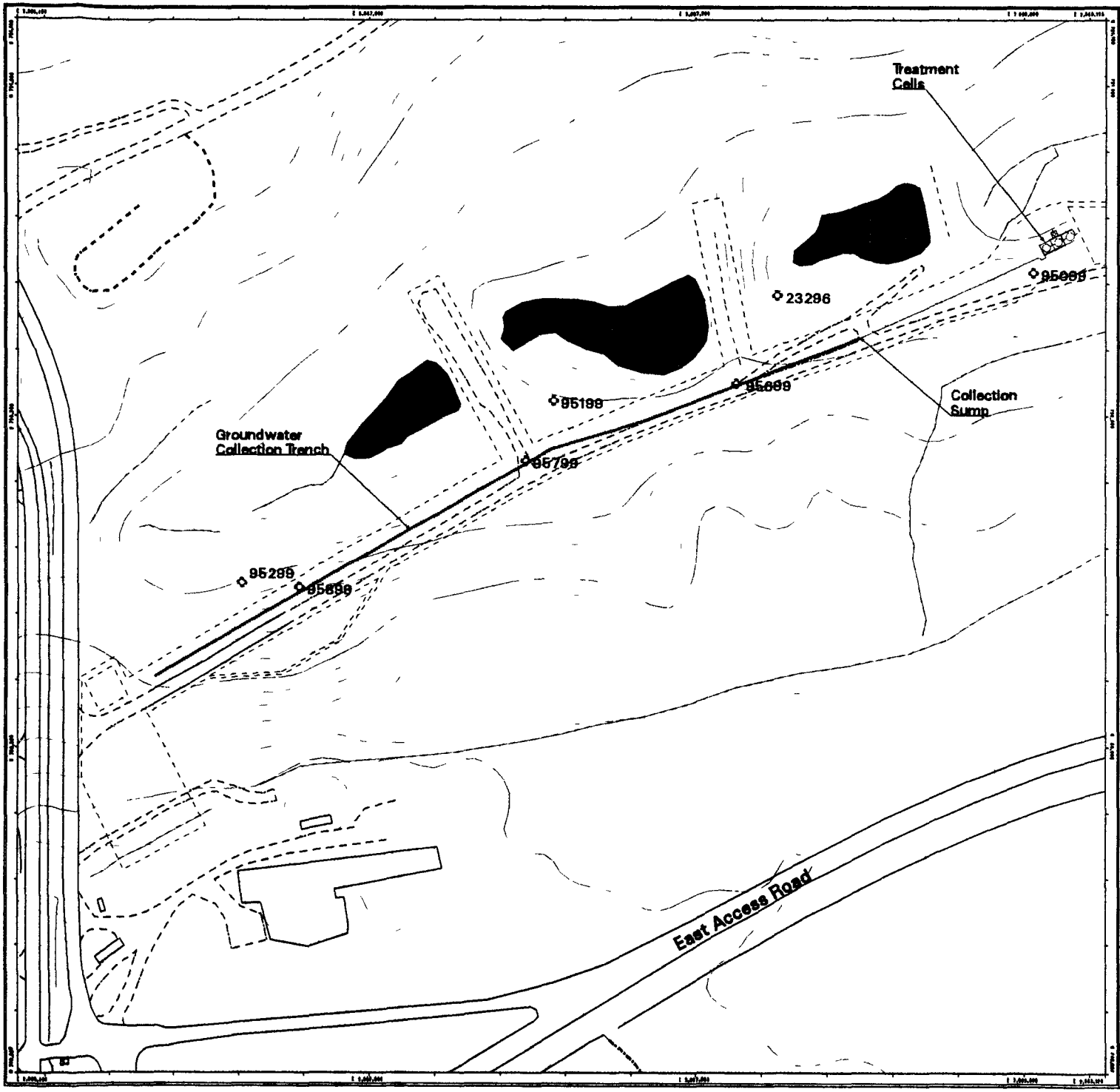

Figure 3
East Trenches Plume Treatment System Locations

EXPLANATION

- Surface Water Drainage
- Collection Trench
- Monitoring Well

Standard Map Features

- Buildings and other structures
- Lakes and ponds
- Streams ditches or other drainage features
- Fences and other barriers
- Contour (5-Foot)
- Paved roads
- Dirt roads

DATA SOURCE BASE FEATURES:
Buildings, fences, hydrographic roads and other structures from 1994 aerial flyover data compiled by EG&G RSL, Las Vegas.
Digitized from the orthophotographs, 1995
Topology / contours were derived from digital elevation model (DEM) data by Morrison Knudsen EWI using ESRI Arc TIN and LATTICE to process the DEM data to a scale 5-foot contours. The DEM data was captured by the Remote Sensing Lab, Las Vegas, NV, 1994 Aerial Flyover at ~ 10 meter resolution. DEM post-processing performed by MK, Winter 1997

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Scale = 1 : 2500
1 inch represents 215 feet

State Plane Coordinate Projection
Colorado Central Zone
Datum NAD27

U S Department of Energy
Rocky Flats Environmental Technology Site

GIS Dept. 303-966-7767

Prepared by: DynCorp — THE ART OF TECHNOLOGY

Prepared for: KAISER-HILL

MAP ID: RI-0184east_trench.aml

September 27, 2000

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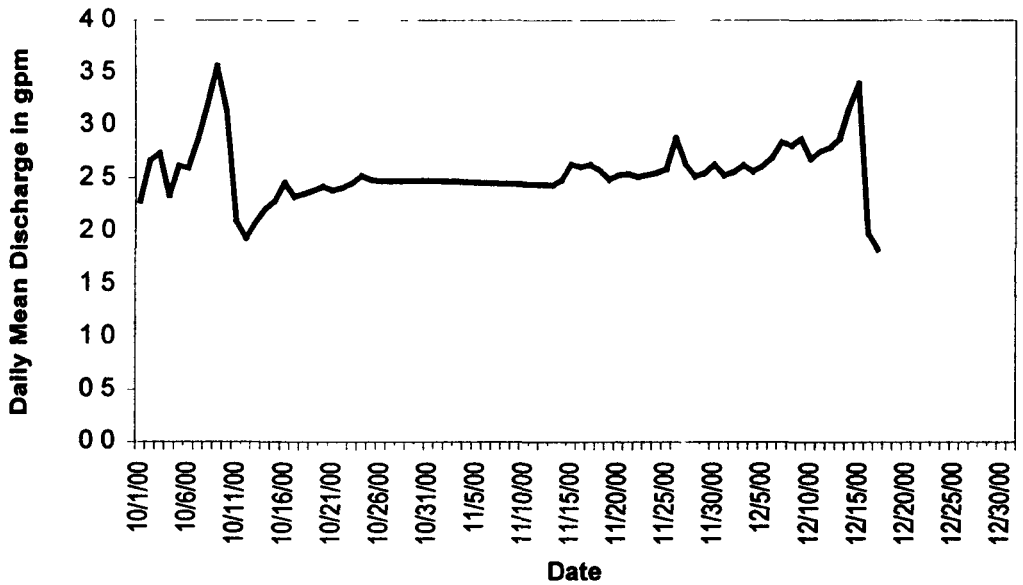
remained relatively constant, the impact to the flow rate measurements from problems encountered with the flow meter are negligible

Graph 4 East Trenches Plume Treatment System Flow Rates, October through December 2000



Total volume of groundwater treated by the system as of December 17, 2000 was approximately 2 8 million gallons with 325,437 gallons of groundwater treated for the period September 17 through December 17, 2000

Water levels within the collection trench were measured monthly at three piezometers Water levels at the well downgradient of the collection trench were also measured monthly Locations are shown on Figure 3 and monitoring results presented in Table 5 The water levels in the collection trench piezometers for this time period fluctuated about 0 5 foot at piezometer 95799 and remained constant at the other two locations Water levels in the downgradient wells remained relatively constant at three locations (with the exception of purging well 95199 on 10/25/00) and rose slightly at well 23296 Well 23296 is downgradient of the B-2 Dam adjacent to South Walnut Creek Water levels at this location probably reflected some influence from surface water, including the B-2 Pond, in addition to monitoring the downgradient plume

Table 5 East Trenches Plume Piezometer and Well Water Levels (in elevation above msl)

Trench Piezometers					Groundwater Wells					
	9/5/00	10/3/00	11/1/00	12/4/00		9/5/00	10/3/00	10/25/00	11/1/00	12/4/00
95699 (East)	Dry	Dry	Dry	Dry	95099	5848	5849	5850	5842	5846
95799	5877	5877	5878	5877	95199	5870	5870	5871	5863	5871
95899	Dry	5888	5888	5888	95299	Dry	Dry	Dry	Dry	Dry
					23296	5851	5852	NM	5852	5852

NM – not measured

13

The water elevations at this area demonstrate a strong downgradient trend to the east, with the water elevations in the piezometers within the collection trench generally 10 feet higher than the corresponding piezometers downgradient of the collection trench The water elevation at piezometer 95899 was 5,888 feet above msl, and the downgradient piezometer (95299) was dry The water elevation at 95799 was 5,877 feet above msl, and the downgradient piezometer 95199 was 5,870 feet above msl Consistent with previous quarters, water was not observed at well 95699 (5,866 feet above msl) at the eastern end of the collection trench The water elevation in well 23296 was approximately 5,850 feet The water elevation was 5,847 feet at 95099, located east of the collection trench These water elevations are consistent with previous measurements and combined with the water volumes collected, indicate that the collection trench is working as designed

Analytical samples were collected monthly at the influent and effluent of the treatment system to monitor treatment effectiveness Sample results were received this quarter for the August and September sampling events Details of these sampling events are provided below and sample results are provided in Appendix B

The contaminants of concern for this plume are primarily trichloroethene, tetrachloroethene and carbon tetrachloride Tricholoroethene and carbon tetrachloride were reduced to below detection limit concentrations at the effluent from the treatment system Tetrachlororethene was reduced to concentrations of 2 ug/l or less, which is below the RFCA groundwater action level of 5 ug/l

Methylene chloride occurred in some of the influent samples and was the only analyte above action levels in effluent samples in this reporting period Methylene chloride has consistently been noted in the effluent samples from the East Trenches Plume treatment system in previous quarters For this quarter, the concentrations observed were less than 10 times the detection limit but greater than 10 times the associated lab blank concentration. As such, the presence of methylene chloride may be attributable to laboratory contamination, however, other possibilities such as dilution effects will continue to be investigated. The Site Analytical Services group will continue to assist in determining the cause of these consistent sample results and resolving this issue Information will be presented in the next Quarterly Report

3.2.1 August 2000 Sampling Event

Samples were collected on August 8, 2000 and analytical results are shown in Table 6 All contaminants were reduced to levels below the RFCA Action Levels with the exception of methylene chloride, which was above action levels in the effluent and also reported in the laboratory blanks As stated above, the presence of methylene chloride may be due to laboratory contamination

Table 6 August 2000 Sample Results

Compound	Influent Concentration (ug/l)	Effluent Concentration (ug/l)	RFCA Groundwater Tier 2 Action Levels (ug/l)
Trichloroethene	2,900	1	5
Tetrachloroethene	390	1	5
Carbon Tetrachloride	190	ND	5
Chloroform	98 J	2	100
Cis-1,2-Dichloroethene	26 J	8	70
Methylene Chloride	330 J	10	5
Vinyl Chloride	ND	0 5 J	2

J = Detected at concentrations below the detection limit for this analysis
ND = Not detected at the detection limit for this analysis

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3.2.2 September 2000 Sampling Event

The treatment system was sampled on September 22, 2000 and results are provided below in Table 7 and in Appendix B All contaminants were reduced to levels below the RFCA Action Levels with the exception of methylene chloride, which was above action level in the effluent and also reported in the laboratory blanks As the concentrations are less than 10 times the detection limit, the presence of methylene chloride was probably due to laboratory contamination Also, methylene chloride was not detected in the influent sample In any event, the cause of the methylene chloride concentrations reported in the effluent continues to be researched

Table 7 September 2000 Sample Results

Compound	Influent Concentration (ug/l)	Effluent Concentration (ug/l)	RFCA Groundwater Tier 2 Action Levels (ug/l)
Trichloroethene	3,230	1 1 J	5
Tetrachloroethene	370	0 82	5
Carbon Tetrachloride	197	ND	5
Chloroform	105	ND	100
Cis-1,2-Dichloroethene	29 3	5 5	70
Methylene chloride	ND	10 5	5
Vinyl chloride	ND	ND	2

J = Detected below the detection limit for analysis
ND = Not detected at the detection limit for this analysis

3.2.3 October Sampling Event

The treatment system was sampled on October 25, 2000 and results are provided below in Table 8 and in Appendix B All contaminants were reduced to levels below the RFCA Action Levels As indicated on Table 8, methylene chloride was not detected in the influent sample but was observed in the effluent In any event, the cause of the methylene chloride concentrations reported in the effluent continues to be researched

Table 8 October 2000 Sample Results

Compound	Influent Concentration (ug/l)	Effluent Concentration (ug/l)	RFCA Groundwater Tier 2 Action Levels (ug/l)
Trichloroethene	2,650	1 8	5
Tetrachloroethene	300	0 77	5
Carbon Tetrachloride	138	ND	5
Chloroform	77 7	ND	100
Cis-1,2-Dichloroethene	22 5 J	5 5	70
Methylene chloride	ND	3 9	5
Vinyl chloride	ND	ND	2

ND = Not detected at the detection limit for this analysis

3.3 Conclusions and Planned Changes

The East Trenches Plume Treatment System is fully operational and treating contaminated groundwater to below the specified system performance requirements Ongoing maintenance, raking the iron filings and retrieving flow rate and water level data, are the only required activities The top foot of media in each reactor is expected to be replaced with a mixture of 90% pea gravel and 10% iron that is effectively minimizing crust formation at the Mound Plume system

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In October 2000, the monthly sampling frequency was reduced to semiannual sampling as specified in the East Trenches Plume Decision Document (DOE 1999a)

4.0 SOLAR PONDS PLUME TREATMENT SYSTEM

The Solar Ponds Plume is a groundwater plume containing low-levels of nitrate and uranium, derived from storage and evaporation of radioactive and hazardous liquid wastes in the Solar Evaporation Ponds These ponds were drained and the sludge was removed by 1995 Six interceptor trenches were installed in 1971 to de-water the hillside The original six trenches were abandoned in place and the Interceptor Trench System (ITS) was installed in 1981 Installation of the 1,100-foot long collection system and passive treatment cell containing iron and wood chips was completed in September 1999 and the components of the system are shown on Figure 4 This system intercepts the water collected by the pre-existing ITS

The maintenance requirements for the wood chip/iron media consist of water level monitoring and sample collection, which are performed by Site staff Raking or other manipulation of the media is not required based on information from other, similar systems Media replacement is expected to be required 10 years after installation based on information from other, similar systems

The Solar Ponds Plume system is different from the flow-through systems installed for the Mound Plume and East Trenches Plume As originally designed, the treatment cell was to be located near North Walnut Creek Water was expected to be intercepted and flow by gravity to the treatment cell without detention in the collection trench Because the Preble's Meadow Jumping Mouse (a Federally Listed Threatened Species) is present at the optimal location of a flow-through treatment cell, the treatment cell was located immediately adjacent to the collection trench, not 400 feet downgradient as was originally planned As a result, the collection trench for this system must hold approximately 11 feet of groundwater to develop sufficient hydraulic head for the groundwater to flow into the treatment cell

4.1 Project Events

The Solar Ponds Plume system is currently collecting groundwater containing nitrate and uranium from the Solar Ponds Plume However, some untreated groundwater is also reaching surface water causing a rise in nitrate and uranium levels in North Walnut Creek Performance monitoring data shows that the surface water is well below the applicable standards of 10 pCi/l uranium and 100 mg/l nitrate as specified in the Decision Document (DOE 1999b) The 100 mg/l nitrate standard is a temporary modification of the underlying stream standard for nitrate (10 mg/l) in North Walnut Creek (DOE 1999b) System performance continues to be evaluated through monitoring water levels in the collection trench, collecting samples at additional locations and at increased sampling frequency

Water levels in the newly installed wells downgradient of the system are monitored monthly, these data are provided in Table 9 Water levels in colluvial well (70099) were consistent with the previous quarter in October and declined two feet in November The December measurement is consistent with November The bedrock well (70299) continued to show a more constant water level Water elevation in well 70299 was about 5,877 feet above msl For this quarter the water elevation in well 70099 ranged from 5,875 to 5,878 feet At the same time, water levels within the collection trench fluctuated between 5,880 and 5,885 feet above msl Water levels in well

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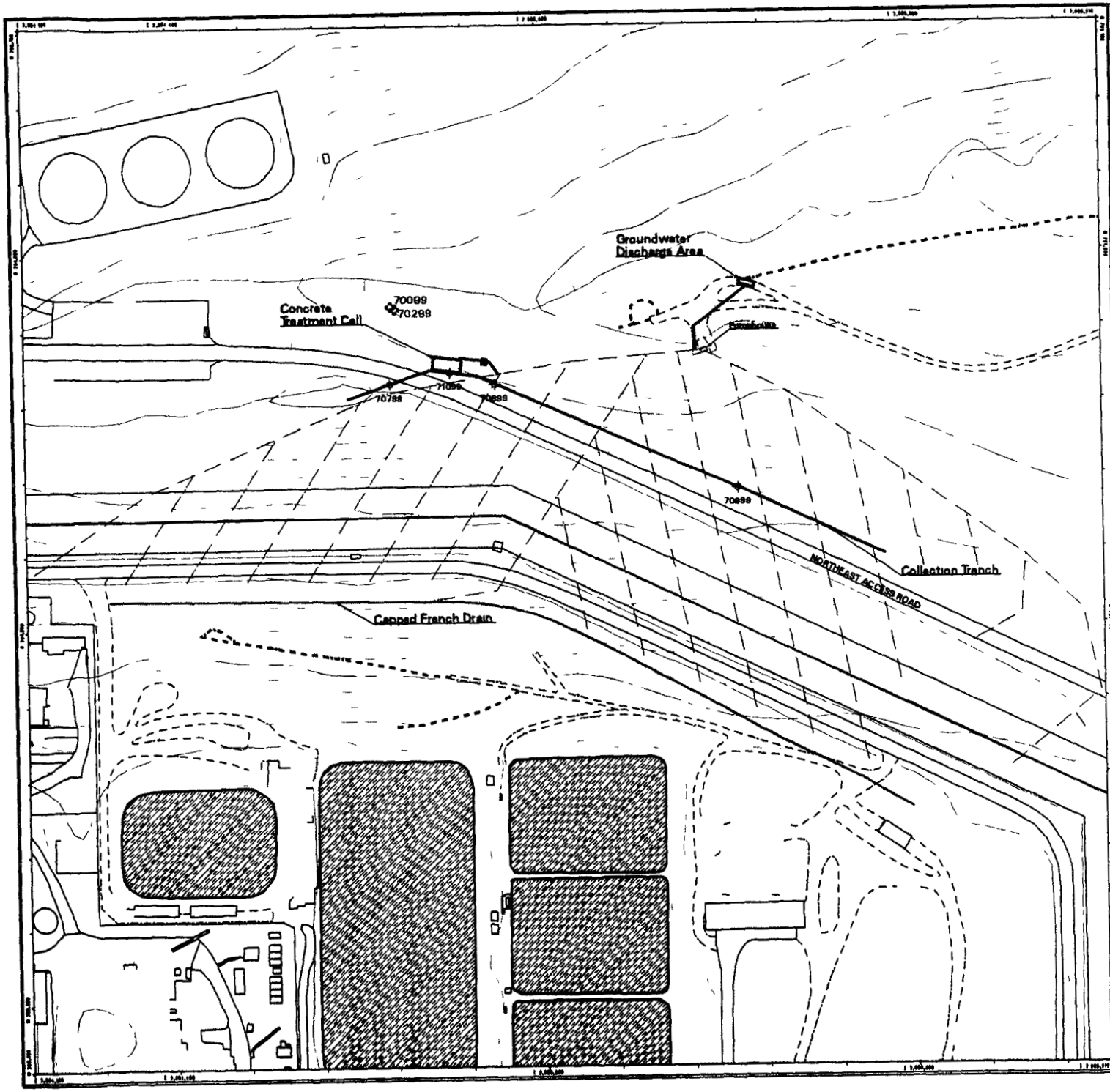

Figure 4

Solar Ponds Plume Treatment System Locations

EXPLANATION

ITS

In Trench Piezometer Location

Monitoring Well

Standard Map Features

Buildings and other structures

Solar Evaporation Ponds (SEP)

Lakes and ponds

Streams ditches or other drainage features

Fences and other barriers

Contour (5-Foot)

Paved roads

Dirt roads

DATA SOURCE BASE FEATURES:

Buildings, fences, hydrography, roads and other structures from 1994 aerial flyover data compiled by EG&G RFO, Lee Agnew.
Digitized from the orthophotographs, 1/98

Topology (contours) were derived from digital elevation model (DEM) def by Morrison Knudsen EM; using DEM Arc TIN and LATTICE to convert the DEM data to 1 mile 5-foot contours. The DEM data was captured by the Remote Sensing Lab, Las Vegas, NV, 1994 Aerial Flyover of 10 meter resolution. DEM post-processing performed by MK Winter 1997

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Scale = 1 : 2710
1 inch represents approximately 226 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

MAP ID: 98-0184solar_pond.aml

September 17, 1998

NT_Serv /projects/fy2k/2k-0184/solar_pond.aml

1786, located within the discharge gallery, have remained constant at 5864 feet above msl over the year Water levels in well 1386 have fluctuated around 5834 feet above msl for the quarter

Table 9 Depth to Groundwater in Solar Ponds System Wells (in elevation above msl)

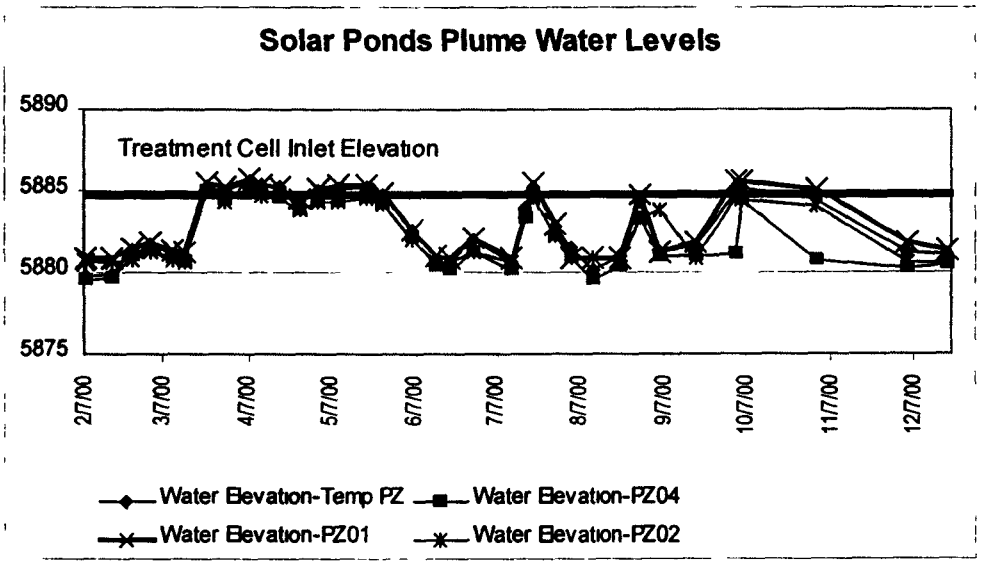
Well	Date				
	9/5/00	9/11/00	10/3/00	11/1/00	12/4/00
70099	5878	NM	5878	5875	5876
70299	5877	NM	5877	5876	5877
1386	5834	5834	5832	5833	5836
1786	5864	NM	5864	-	-

NM = Not measured
- = not available

4.2 Treatment Effectiveness

Water levels continue to fluctuate in the collection trench as shown in Graph 5 While less than the normal amount of rainfall for this area was received this reporting period, minor flow into the treatment cell occurred immediately following large rainfall events

Graph 5 Water level elevation within the collection trench (in feet above msl)



As of December 19, 2000, the total water volume treated by the system since installation was 64,000 gallons Of this volume, 17,095 gallons of water were treated from September 17 to December 19, 2000 with flow rates of 0 to 0 5 gpm (Graph 6) Precipitation in early October resulted in some flow into the treatment cell The maximum flow rate of 0 5 gpm occurring on October 10th

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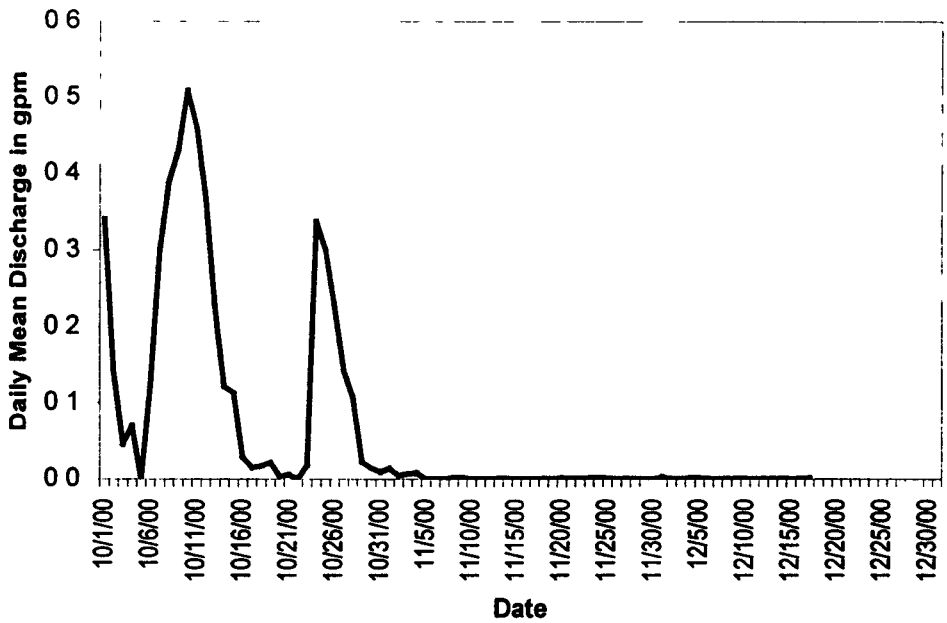
Graph 6 Solar Ponds Plume Treatment System Flow Rates, October through December 2000



Despite the dry conditions, results from this reporting period continue to show that the system collects water with intermittent treatment when flow occurs into the treatment cell The nitrate and uranium concentrations at the system influent, effluent and discharge gallery are provided in Table 10 These data are plotted over time with all nitrate concentrations shown on Graph 7 and all uranium activities shown on Graph 8 The effluent concentrations continue to be much lower than predicted This is most likely a result of the increased residence time due to low flow rates

Table 10 Solar Ponds Plume Treatment System Analytical Results

	Nitrate (mg/l)			Uranium (pCi/l)		
Date Sampled	Influent	Effluent	Discharge Gallery	Influent	Effluent	Discharge Gallery
September 5, 2000	NS	NS	200	NS	NS	NS
September 14, 2000	NS	NS	220	NS	NS	NS
September 21, 2000	NS	NS	220	NS	NS	NS
September 25, 2000	140	<0 05	170	24 51	0 03	19 62
September 28, 2000	NS	<0 05	NS	NS	NS	NS
October 2, 2000	NS	<0 05	NS	NS	NS	NS
October 4, 2000	NS	<0 05	200	NS	NS	NS
October 24, 2000	110	NS	NS	25 46	0 2	23 95
November 30, 2000	130	NS	200	NS	NS	NS

NS – not sampled

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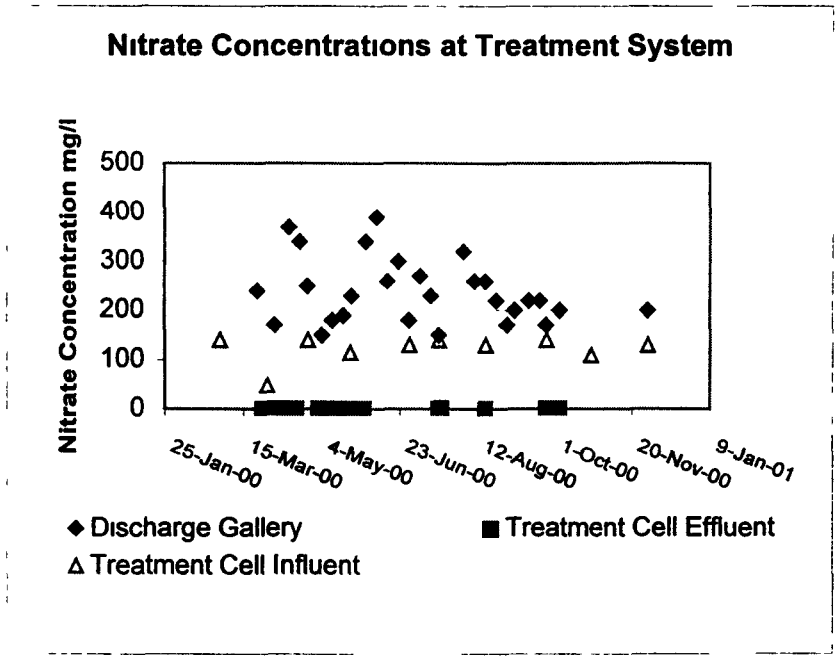
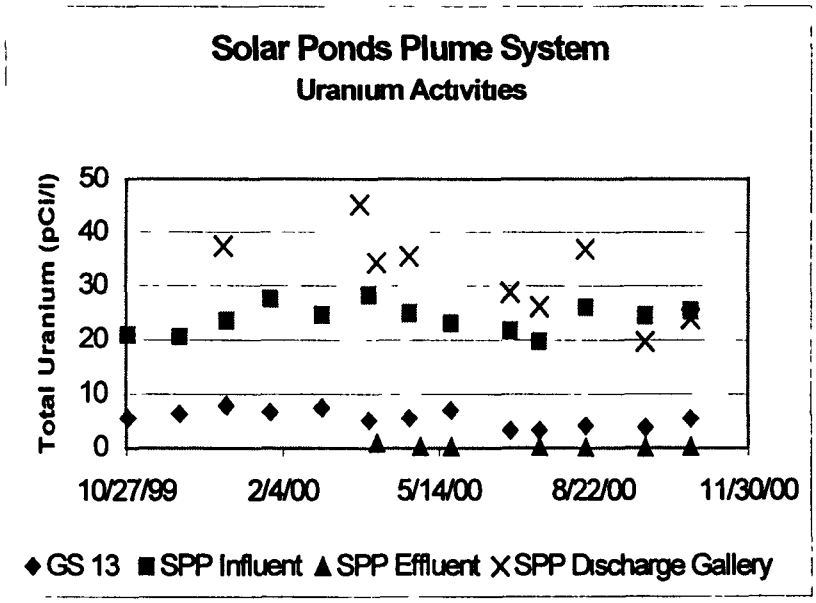
Graph 7 Nitrate Concentrations at the Solar Ponds Plume Treatment System



Graph 8 Uranium Activities at the Solar Ponds Plume System



The discharge gallery nitrate concentrations were higher than the concentrations observed in the collection trench The pre-existing downgradient part of the plume adjacent to the discharge gallery has nitrate concentrations above 500 mg/l This part of the nitrate plume is believed to be seeping to the surface at the discharge gallery, contributing to the higher nitrate concentrations

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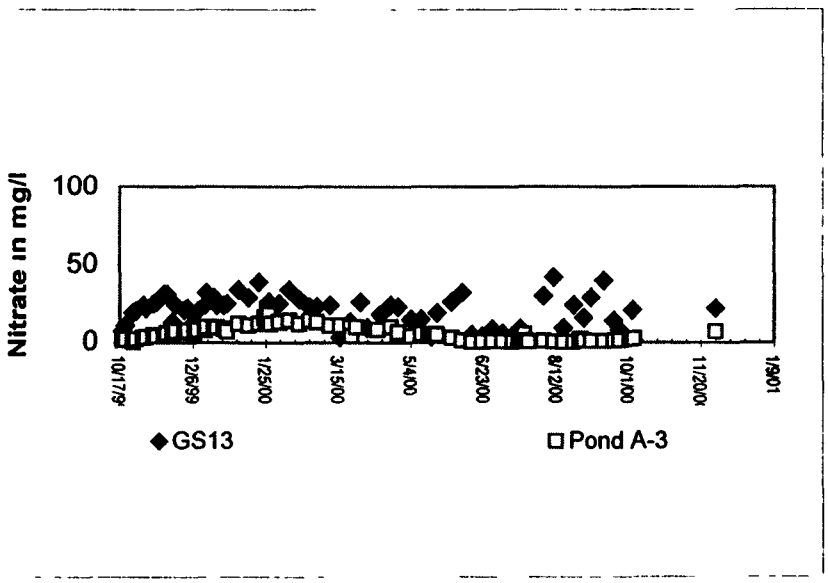
GS13 and Pond A-3 were monitored frequently to verify that concentrations at both locations are well below the temporary stream standard of 100 mg/l Table 11 provides the analytical data from this quarter All available data are shown on Graph 9

Table 11 Solar Ponds Plume Nitrate Results – Surface Water Locations

Date Sampled	GS13 Nitrate (mg/l)	Pond A-3 Nitrate (mg/l)
September 5, 2000	29	1 1
September 14, 2000	40	1 1
September 21, 2000	14	1 2
October 2, 2000*	NS	2 1
October 3, 2000*	NS	2 6
October 4, 2000*	21	2 6
October 5, 2000*	NS	2 7
November 30, 2000	22	7 1

NS = not sampled
* Sampled during pond discharge

Graph 9 Nitrate Concentrations in North Walnut Creek (100 mg/l is temporary nitrate stream standard)



GS13 is the performance monitoring location for the Solar Ponds Plume System (DOE 199b) Nitrate concentrations measured at GS13 in North Walnut Creek rose after the Solar Ponds Plume groundwater system was installed in 1999 (Graph 9) The nitrate concentrations fluctuate depending upon the precipitation and other factors, but are generally below 40 mg/l At Pond A-3, located downstream of GS13, nitrate concentrations have been steadily declining since March 2000 and are now consistently below 10 mg/l

The lower nitrate concentrations observed at GS13 during June and July were probably the result of phytoremediation Water leaving the discharge gallery flows along a pre-existing dirt road that now is totally reclaimed by volunteer vegetation The road is no longer in service As expected, a volunteer wetland developed at the discharge gallery In the water, there are rushes and cattails, in the saturated soils there are foxtail grass and robust barnyard grass Wetland plants in general

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are known to have relatively high nitrate uptake rates With the shorter days in autumn and winter the vegetation senesced, and nitrate levels increased at GS13

The Pond A-4 Outfall is a RFCA Point-of-Compliance for uranium Samples collected during discharge contained uranium activities of approximately 3 to 4 pCi/l, well below the Surface Water standard of 10 pCi/l These data are within the range of historical uranium activities for this location

4.3 Conclusions and Planned Changes

The treatment cell appears to be providing treatment for nitrate and uranium as designed Water levels in the collection trench, however, continue to fluctuate rather than holding a constant level of 11 feet Water quality in North Walnut Creek continued to be well below applicable standards for nitrate and uranium

Water levels within the collection trench and nearby wells are monitored on a monthly basis Samples at GS13, treatment system influent, effluent and discharge gallery are also collected on a monthly basis to monitor system performance and the impact to surface water Results for this reporting period continue to indicate that seasonality affects the system performance with normal treatment during fall and winter and treatment augmented by phytoremediation during the spring and summer At this time, the Site plans to continue to monitor the system through fiscal year 2001 to document seasonal impacts and to determine if other actions are required

5.0 OU 1 – 881 HILLSIDE GROUNDWATER COLLECTION AND TREATMENT SYSTEM

The Operable Unit 1 (OU1) - 881 Hillside groundwater collection and treatment system was installed in 1992 and consisted of a 1,435 foot long French Drain and a separate upgradient Collection Well The Collection Well collects VOC contaminated groundwater from within the plume Trichloroethene is the primary contaminant The French Drain was installed to prevent potential downgradient contaminant migration Water collected was treated in the Consolidated Water Treatment Facility (CWTF)

Because groundwater collected by the French Drain was consistently below RFCA Tier 2 Action Levels, the OU1 Corrective Action Decision (CAD)/Record of Decision (ROD) (DOE 1997b) included decommissioning the French Drain Based on the declining concentrations of VOCs in the plume, the OU1 CAD/ROD Modification (in progress) is expected to include one year continued extraction and treatment of groundwater from the Collection Well, then utilizing the Collection Well to continue monitoring the plume

French Drain decommissioning began on August 31, 2000 and was completed on September 30, 2000 As a result, water from the French Drain is no longer collected or sampled and will no longer be reported Sample results from the August 24, 2000 sampling event are reported in Table 12 in the following section

Collection Well water is collected using a portable trailer, then transported to the CWTF for treatment The total water volume treated from the Collection Well was 2,845 gallons for the period September through December 19, 2000 Because the system was taken out of service (locked-out/tagged-out) for safety reasons prior to decommissioning the French Drain, no water was collected from the Collection Well in September The water volumes extracted from the

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Collection Well were 1,235 gallons in October, 965 gallons in November, and 645 gallons in December (through December 19)

5.1 Project Events and Effectiveness

The Collection Well is sampled quarterly and was sampled December 18, 2000 for this quarter Sample results from the December sampling have not been received and will be reported in the next Quarterly Detected analytes from the August 24, 2000 sampling event for both the French Drain and the Collection Well are shown in Table 12

Table 12 Sample results for the August 24, 2000 OU1 Sampling Event

Analyte	Collection Well (ug/l)	French Drain (ug/l)	RFCA Groundwater Tier 2 Action Levels (ug/l)
Tetrachloroethene	37	0 2 J	5
Trichloroethene	350	1	5
1,1-Dichloroethene	10 J	ND	7
Methylene Chloride	57 B	0 5 JB	5
Carbon Tetrachloride	10 J	ND	5
1,1,1-Trichloroethane	2 J	ND	200

J – Analyte detected below the method detection limit
B – Analyte detected in sample and in the blank sample
ND – Not detected

5.2 Planned Changes

There are no changes planned for the next reporting period

6.0 OU 7 – PRESENT LANDFILL SEEP COLLECTION SYSTEM

Groundwater contaminated with low concentrations of VOCs and semi-volatile organic compounds (SVOCs) discharges at a seep in the area of the Present Landfill (OU7) A passive seep interception and treatment system operated between May 1996 and October 1998, using granular activated carbon (GAC) to reduce the concentrations of VOCs and SVOCs before discharging to the Landfill Pond

The system was evaluated in the fall of 1998 for treatment efficiency The main contaminants that occur above performance objectives (RFCA action levels) are vinyl chloride and benzene These chemicals were not removed well by GAC and required monthly change-out of the carbon

The treatment system was modified in October 1998 to aerate the discharged water The new system minimizes waste generation and is more effective in removing vinyl chloride Little change has been noted in benzene removal Some treatment of SVOCs also occurs although the passive aeration treatment system is designed to treat VOCs

In the passive aeration treatment system, the water is collected in a settling basin, flows through pre-existing piping to a set of stepped flagstones, and then flows over a 6-foot long bed of gravel before discharging into the Landfill Pond Flow is measured at the point of discharge and water quality samples have been collected from the settling basin (SW00396) and from the discharge area (SW00196) The OU7 aeration treatment has been in operation since October 26, 1998 and the results were reported in *Evaluation of OU7 Aeration Treatment System,* November 1998-October 1999 (Kaiser-Hill, 2000)

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6.1 Volume of Water Treated

The total water volume treated in September was 87,103 gallons A total of 238,280 gallons of water was treated this quarter from October 1st through December 19th The water volume treated was 93,983 gallons in October, 86,325 gallons in November, and 57,972 gallons in December (through the 19th)

6.2 Treatment Effectiveness

Samples are collected semi-annually and were last collected on December 4th These laboratory analyses are not yet available The analytical results for the SVOC sample collected in August were not available for last quarter's report and the detectable concentrations are provided below

Table 13 OU7 Seep Collection System Effluent Sample Results for August 2000

Analyte	Sample Date	Concentration (ug/l)	Detection Limit (ug/l)	Performance Objective (ug/l)
Bis(2-ethylhexyl) phthalate	8/21/00	2JB	10	10

J - Analyte detected below the method detection limit
B - Analyte detected in sample and in the blank sample

Water discharging from the OU7 Seep system meets surface water action levels As stated in the RFCA Action Level Framework, the Segment 5 stream standard for benzene is 3 ug/l, and the Segment 4 stream standard is 1 ug/l While the Landfill Pond is located in Segment 4, water from the pond is transferred about once a year to the A-series ponds in Segment 5 Benzene is not an analyte of interest at either the A-4 or the Walnut and Indiana Street Points of Compliance

6.3 Planned Changes

Based on the Evaluation Report (Kaiser Hill 2000) and on meetings with CDPHE and EPA, samples were to be collected monthly for VOCs until the performance objective for benzene was attained for two consecutive months The performance objectives were attained for both VOCs and SVOCs during the third quarter Therefore, sampling will now occur semi-annually in June and December

If a RFCA standard is exceeded in the semi-annual monitoring, based on validated data, for two consecutive sampling periods, then a sample will be collected and analyzed the month following receipt of the validated data Operation and maintenance of the treatment system will be evaluated if a standard is exceeded for two consecutive sampling periods Monthly sampling will restart and continue until two consecutive monthly sampling events show no exceedance or another remedy, either new or revised, is implemented

7.0 REFERENCES

DOE, 1996, *Final Rocky Flats Cleanup Agreement*, Rocky Flats Environmental Technology Site, Golden, CO, July

DOE, 1997a, *Final Mound Site Plume Decision Document*, RF/RMRS-97-024, September

DOE, 1997b, *Corrective Action Decision/Record of Decision, Operable Unit 1 881 Hillside Area*, Rocky Flats Environmental Technology Site, Golden, Colorado, February

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DOE, 1999a, *Final Proposed Action Memorandum For The East Trenches Plume*, RF/RMRS-98-258 UN

DOE, 1999b, *Final Solar Ponds Plume Decision Document*, RF/RMRS-98-286 UN, June

DOE, in progress, Major Modification to the Operable Unit 1 Corrective Action Decision/Record Of Decision, Rocky Flats Environmental Technology Site, Golden, Colorado

Kaiser Hill, 2000, *Evaluation of OU7 Aeration Treatment System*, November 1998-October 1999

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Appendix A – Mound Plume Analytical Data

Appendix A - Mound Plume Sampling Data

Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-0	8/16/00	1,1,1,2-Tetrachloroethane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	1,1,1-Trichloroethane	TR1	10	UG/L	10	J	J1
MOUND R1-0	8/16/00	1,1,2,2-Tetrachloroethane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	1,1,2-Trichloroethane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	1,1-Dichloroethane	TR1	2	UG/L	10	J	J1
MOUND R1-0	8/16/00	1,1-Dichloroethene	TR1	10	UG/L	10	J	J1
MOUND R1-0	8/16/00	1,1-dichloropropene	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	1,2,3-Trichlorobenzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	1,2,3-Trichloropropane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	1,2,4-Trichlorobenzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	1,2,4-Trimethylbenzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	1,2-Dibromo-3-chloropropane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	1,2-Dibromoethane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	1,2-Dichlorobenzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	1,2-Dichloroethane	TR1	1	UG/L	10	J	J1
MOUND R1-0	8/16/00	1,2-Dichloropropane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	1,3,5-Trimethylbenzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	1,3-Dichlorobenzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	1,3-Dichloropropane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	1,4-Dichlorobenzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	2,2-Dichloropropane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	2-Chlorotoluene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	4-Chlorotoluene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	4-Isopropyltoluene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	Alkalinity, Bicarbonate as CaCO	TR1	380	MG/L	5		V1
MOUND R1-0	8/16/00	Am-241	TR1	0 0014	PCI/L	0 02	U	V1
MOUND R1-0	8/16/00	Benzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	Bromide	TR1	0 3	MG/L	0 1		V1
MOUND R1-0	8/16/00	Bromobenzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	Bromochloromethane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	Bromodichloromethane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	Bromoform	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	Bromomethane	TR1	10	UG/L	10	U	J1
MOUND R1-0	8/16/00	Carbon Tetrachloride	TR1	180	UG/L	10		V1
MOUND R1-0	8/16/00	Chloride	TR1	54	MG/L	0 5		V1
MOUND R1-0	8/16/00	Chlorobenzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	Chloroethane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	Chloroform	TR1	31	UG/L	10		V1
MOUND R1-0	8/16/00	Chloromethane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	cis-1,2-dichloroethene	TR1	39	UG/L	10		V1
MOUND R1-0	8/16/00	cis-1,3-Dichloropropene	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	Dibromochloromethane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	Dibromomethane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	Dichlorodifluoromethane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	Ethylbenzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	Fluoride	TR1	1 2	MG/L	0 05		V1
MOUND R1-0	8/16/00	Gross Alpha	TR1	7	PCI/L	1 6		V
MOUND R1-0	8/16/00	Gross Beta	TR1	4 7	PCI/L	2		V
MOUND R1-0	8/16/00	Hexachlorobutadiene	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	Hydrogen	TR1	0 00091	MG/L		U	
MOUND R1-0	8/16/00	Hydrogen	TR1	0 00091	MG/L		U	
MOUND R1-0	8/16/00	Isopropylbenzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	Methane	TR1	0 0023	MG/L		B	
MOUND R1-0	8/16/00	Methane	TR1	0 0023	MG/L		B	
MOUND R1-0	8/16/00	Methylene Chloride	TR1	23	UG/L	10	B	UJ1
MOUND R1-0	8/16/00	Naphthalene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	N-butybenzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	Nitrate/Nitrite as N	TR1	3 6	MG/L	0 05		V1
MOUND R1-0	8/16/00	N-propylbenzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	Pu-239	TR1	0 003	PCI/L	0 02	U	V1

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Appendix A - Mound Plume Sampling Data

Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-0	8/16/00	Sec-butylbenzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	Styrene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	Sulfate as SO4	TR1	46	MG/L	1		V1
MOUND R1-0	8/16/00	Tert-butylbenzene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	Tetrachloroethene	TR1	100	UG/L	10		V1
MOUND R1-0	8/16/00	Toluene	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	8/16/00	Trans-1,2-dichloroethene	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	Trans-1,3-Dichloropropene	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	Trichloroethene	TR1	140	UG/L	10		V1
MOUND R1-0	8/16/00	Trichlorofluoromethane	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	U-234	TR1	5	PCI/L	0 058		V1
MOUND R1-0	8/16/00	U-235	TR1	0 19	PCI/L	0 021	J	V1
MOUND R1-0	8/16/00	U-238	TR1	3 2	PCI/L	0 021		V1
MOUND R1-0	8/16/00	Vinyl Chloride	TR1	10	UG/L	10	U	V1
MOUND R1-0	8/16/00	Xylenes (Total)	TR1	10	UG/L	10	U	UJ1
MOUND R1-0	9/13/00	1,1,1,2-Tetrachloroethane	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	1,1,1-Trichloroethane	TR1	5 9	UG/L	1		1
MOUND R1-0	9/13/00	1,1,2,2-Tetrachloroethane	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	1,1,2-Trichloroethane	TR1	1	UG/L	1	U	UJ1
MOUND R1-0	9/13/00	1,1-Dichloroethane	TR1	1 3	UG/L	1		V1
MOUND R1-0	9/13/00	1,1-Dichloroethylene	TR1	7	UG/L	1		UJ1
MOUND R1-0	9/13/00	1,1-Dichloropropene	TR1	1	UG/L	1	U	V1
MOUND R1-0	9/13/00	1,2,3-Trichlorobenzene	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	1,2,3-Trichloropropane	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	1,2,4-Trichlorobenzene	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	1,2,4-Trimethylbenzene	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	1,2-Dibromo-3-chloropropane	TR1	1	UG/L	1	U	UJ1
MOUND R1-0	9/13/00	1,2-Dibromoethane	TR1	1	UG/L	1	U	V1
MOUND R1-0	9/13/00	1,2-Dichlorobenzene	TR1	1	UG/L	1	U	V1
MOUND R1-0	9/13/00	1 2-Dichloroethane	TR1	0 79	UG/L	1	J	V1
MOUND R1-0	9/13/00	1,2-Dichloropropane	TR1	1	UG/L	1	U	V1
MOUND R1-0	9/13/00	1,3,5-Trimethylbenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-0	9/13/00	1,3-Dichlorobenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-0	9/13/00	1,3-Dichloropropane	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	1,4-Dichlorobenzene	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	2,2-Dichloropropane	TR1	1	UG/L	1	U	V1
MOUND R1-0	9/13/00	2-Chlorotoluene	TR1	1	UG/L	1	U	UJ1
MOUND R1-0	9/13/00	4-Chlorotoluene	TR1	1	UG/L	1	U	J1
MOUND R1-0	9/13/00	4-Isopropyltoluene	TR1	1	UG/L	1	U	J1
MOUND R1-0	9/13/00	Alkalinity, Bicarbonate as CaCO	TR1	400	MG/L	5		1
MOUND R1-0	9/13/00	Aluminum	TR1	12 2	UG/L	12 2	U	V1
MOUND R1-0	9/13/00	Aluminum	TR1	12 2	UG/L	12 2	U	1
MOUND R1-0	9/13/00	Antimony	TR1	1 61	UG/L	1 61	U	V1
MOUND R1-0	9/13/00	Antimony	TR1	1 61	UG/L	1 61	U	1
MOUND R1-0	9/13/00	Arsenic	TR1	2 92	UG/L	2 92	U	V1
MOUND R1-0	9/13/00	Arsenic	TR1	2 92	UG/L	2 92	U	1
MOUND R1-0	9/13/00	Barium	TR1	147	UG/L	0 457		V1
MOUND R1-0	9/13/00	Barium	TR1	145	UG/L	0 457		1
MOUND R1-0	9/13/00	Benzene	TR1	1	UG/L	1	U	V1
MOUND R1-0	9/13/00	Beryllium	TR1	0 456	UG/L	0 456	U	1
MOUND R1-0	9/13/00	Beryllium	TR1	0 456	UG/L	0 456	U	V1
MOUND R1-0	9/13/00	Bromide	TR1	0 2	MG/L	0 1		1
MOUND R1-0	9/13/00	Bromobenzene	TR1	1	UG/L	1	U	V1
MOUND R1-0	9/13/00	Bromochloromethane	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	Bromodichloromethane	TR1	1	UG/L	1	U	UJ1
MOUND R1-0	9/13/00	Bromoform	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	Bromomethane	TR1	1	UG/L	1	U	V1
MOUND R1-0	9/13/00	Cadmium	TR1	0 686	UG/L	0 686	U	1
MOUND R1-0	9/13/00	Cadmium	TR1	0 686	UG/L	0 686	U	UJ1
MOUND R1-0	9/13/00	Calcium	TR1	114000	UG/L	8 32		1

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Appendix A - Mound Plume Sampling Data

Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-0	9/13/00	Calcium	TR1	112000	UG/L	8 32		UJ1
MOUND R1-0	9/13/00	Carbon tetrachloride	TR1	122	UG/L	1		1
MOUND R1-0	9/13/00	Chloride	TR1	51	MG/L	0 5		V1
MOUND R1-0	9/13/00	Chlorobenzene	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	Chloroethane	TR1	1	UG/L	1	U	V1
MOUND R1-0	9/13/00	Chloroform	TR1	25 4	UG/L	1		1
MOUND R1-0	9/13/00	Chloromethane	TR1	1	UG/L	1	U	UJ1
MOUND R1-0	9/13/00	Chromium	TR1	0 871	UG/L	0 871	U	1
MOUND R1-0	9/13/00	Chromium	TR1	0 871	UG/L	0 871	U	V1
MOUND R1-0	9/13/00	cis-1,2-Dichloroethylene	TR1	32 1	UG/L	1		1
MOUND R1-0	9/13/00	cis-1,3-Dichloropropylene	TR1	1	UG/L	1	U	V1
MOUND R1-0	9/13/00	Cobalt	TR1	0 914	UG/L	0 914	U	1
MOUND R1-0	9/13/00	Cobalt	TR1	0 914	UG/L	0 914	U	UJ1
MOUND R1-0	9/13/00	Copper	TR1	2 22	UG/L	1 63	B	1
MOUND R1-0	9/13/00	Copper	TR1	3 31	UG/L	1 63		UJ1
MOUND R1-0	9/13/00	Dibromochloromethane	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	Dibromomethane	TR1	1	UG/L	1	U	V1
MOUND R1-0	9/13/00	Dichlorodifluoromethane	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	Ethylbenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-0	9/13/00	Fluoride	TR1	0 95	MG/L	0 05		1
MOUND R1-0	9/13/00	Gross Alpha	TR1	3 62	PCI/L	1 56		V1
MOUND R1-0	9/13/00	Gross Beta	TR1	4 3	PCI/L	2 85		1
MOUND R1-0	9/13/00	Hexachlorobutadiene	TR1	1	UG/L	1	U	UJ1
MOUND R1-0	9/13/00	Hydrogen	TR1	0 001	MG/L		U	1
MOUND R1-0	9/13/00	Hydrogen	TR1	0 001	MG/L		U	UJ1
MOUND R1-0	9/13/00	Iron	TR1	8 6	UG/L	8 6	U	1
MOUND R1-0	9/13/00	Iron	TR1	8 6	UG/L	8 6	U	UJ1
MOUND R1-0	9/13/00	Isopropylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-0	9/13/00	Lead	TR1	1 38	UG/L	1 38	U	1
MOUND R1-0	9/13/00	Lead	TR1	1 38	UG/L	1 38	U	J1
MOUND R1-0	9/13/00	Lithium	TR1	24	UG/L	0 01	B	V1
MOUND R1-0	9/13/00	Lithium	TR1	25 1	UG/L	0 01	B	1
MOUND R1-0	9/13/00	Magnesium	TR1	35600	UG/L	5 99		UJ1
MOUND R1-0	9/13/00	Magnesium	TR1	35100	UG/L	5 99		1
MOUND R1-0	9/13/00	Manganese	TR1	29 8	UG/L	0 937		V1
MOUND R1-0	9/13/00	Manganese	TR1	29 9	UG/L	0 937		1
MOUND R1-0	9/13/00	Mercury	TR1	0 043	UG/L	0 043	U	V1
MOUND R1-0	9/13/00	Mercury	TR1	0 043	UG/L	0 043	U	1
MOUND R1-0	9/13/00	Methane	TR1	0 0026	MG/L			V1
MOUND R1-0	9/13/00	Methane	TR1	0 0026	MG/L			1
MOUND R1-0	9/13/00	Methylene chloride	TR1	1	UG/L	1	U	J1
MOUND R1-0	9/13/00	Molybdenum	TR1	2 45	UG/L	1 46	B	1
MOUND R1-0	9/13/00	Molybdenum	TR1	2 29	UG/L	1 46	B	V1
MOUND R1-0	9/13/00	Naphthalene	TR1	1	UG/L	1	U	J1
MOUND R1-0	9/13/00	n-Butylbenzene	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	Nickel	TR1	1 29	UG/L	1 29	U	UJ1
MOUND R1-0	9/13/00	Nickel	TR1	1 29	UG/L	1 29	U	1
MOUND R1-0	9/13/00	Nitrate/Nitrite as N	TR1	4 2	MG/L	0 05		V1
MOUND R1-0	9/13/00	n-Propylbenzene	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	Potassium	TR1	1150	UG/L	21 5	B	V1
MOUND R1-0	9/13/00	Potassium	TR1	1130	UG/L	21 5	B	1
MOUND R1-0	9/13/00	sec-Butylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-0	9/13/00	Selenium	TR1	2 14	UG/L	2 14	U	1
MOUND R1-0	9/13/00	Selenium	TR1	2 36	UG/L	2 14	B	V1
MOUND R1-0	9/13/00	Silver	TR1	0 935	UG/L	0 935	U	1
MOUND R1-0	9/13/00	Silver	TR1	0 935	UG/L	0 935	U	V1
MOUND R1-0	9/13/00	Sodium	TR1	55000	UG/L	12 2		1
MOUND R1-0	9/13/00	Sodium	TR1	53900	UG/L	12 2		V1
MOUND R1-0	9/13/00	Strontium	TR1	875	UG/L	0 451		1
MOUND R1-0	9/13/00	Strontium	TR1	860	UG/L	0 451		V1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-0	9/13/00	Styrene	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	Sulfate as SO4	TR1	39	MG/L	1		V1
MOUND R1-0	9/13/00	tert-Butylbenzene	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	Tetrachloroethylene	TR1	65 3	UG/L	1		UJ1
MOUND R1-0	9/13/00	Thallium	TR1	4 15	UG/L	2 11		V1
MOUND R1-0	9/13/00	Thallium	TR1	3 64	UG/L	2 11	B	V
MOUND R1-0	9/13/00	Tin	TR1	3 09	UG/L	3 09	U	V
MOUND R1-0	9/13/00	Tin	TR1	3 09	UG/L	3 09	U	1
MOUND R1-0	9/13/00	Toluene	TR1	1	UG/L	1	U	V1
MOUND R1-0	9/13/00	trans-1,2-Dichloroethylene	TR1	1	UG/L	1	U	
MOUND R1-0	9/13/00	trans-1,3-Dichloropropylene	TR1	1	UG/L	1	U	
MOUND R1-0	9/13/00	Trichloroethylene	TR1	99 9	UG/L	1		1
MOUND R1-0	9/13/00	Trichlorofluoromethane	TR1	1	UG/L	1	U	UJ1
MOUND R1-0	9/13/00	Uranium	TR1	23 4	UG/L	17 9	B	
MOUND R1-0	9/13/00	Uranium	TR1	25 1	UG/L	17 9	B	
MOUND R1-0	9/13/00	Vanadium	TR1	1 42	UG/L	1 42	U	1
MOUND R1-0	9/13/00	Vanadium	TR1	1 42	UG/L	1 42	U	U1
MOUND R1-0	9/13/00	Vinyl chloride	TR1	1	UG/L	1	U	1
MOUND R1-0	9/13/00	Xylenes (total)	TR1	1	UG/L	1	U	UJ1
MOUND R1-0	9/13/00	Zinc	TR1	4 78	UG/L	2 19	B	1
MOUND R1-0	9/13/00	Zinc	TR1	4 36	UG/L	2 19	B	UJ1
MOUND R1-0	10/25/00	1,1,1,2-Tetrachloroethane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	1,1,1-Trichloroethane	TR1	6 3	UG/L	1		1
MOUND R1-0	10/25/00	1,1,2,2-Tetrachloroethane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	1,1,2-Trichloroethane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	1,1-Dichloroethane	TR1	1 6	UG/L	1		1
MOUND R1-0	10/25/00	1,1-Dichloroethylene	TR1	8	UG/L	1		1
MOUND R1-0	10/25/00	1,1-Dichloropropene	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	1,2,3-Trichlorobenzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	1,2,3-Trichloropropane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	1,2,4-Trichlorobenzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	1,2,4-Trimethylbenzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	1,2-Dibromo-3-chloropropane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	1,2-Dibromoethane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	1,2-Dichlorobenzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	1,2-Dichloroethane	TR1	0 7	UG/L	1	J	1
MOUND R1-0	10/25/00	1,2-Dichloropropane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	1,3,5-Trimethylbenzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	1,3-Dichlorobenzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	1,3-Dichloropropane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	1,4-Dichlorobenzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	2,2-Dichloropropane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	2-Chlorotoluene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	4-Chlorotoluene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	4-Isopropyltoluene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	Alkalinity, Total as CaCO3	TR1	430	MG/L	5		1
MOUND R1-0	10/25/00	Aluminum	TR1	7 6	UG/L	7 6	U	
MOUND R1-0	10/25/00	Antimony	TR1	2 24	UG/L	2 24	U	
MOUND R1-0	10/25/00	Arsenic	TR1	2 46	UG/L	2 46	U	
MOUND R1-0	10/25/00	Barium	TR1	157	UG/L	0 487		
MOUND R1-0	10/25/00	Benzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	Beryllium	TR1	0 212	UG/L	0 212	U	
MOUND R1-0	10/25/00	Bromobenzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	Bromochloromethane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	Bromodichloromethane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	Bromofluorobenzene	TR1	101	%REC			1
MOUND R1-0	10/25/00	Bromoform	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	Bromomethane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	Cadmium	TR1	0 361	UG/L	0 361	U	
MOUND R1-0	10/25/00	Calcium	TR1	110000	UG/L	8 19		

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Appendix A - Mound Plume Sampling Data

Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-0	10/25/00	Carbon tetrachloride	TR1	133	UG/L	1		1
MOUND R1-0	10/25/00	Chloride	TR1	89	MG/L	0 5		1
MOUND R1-0	10/25/00	Chlorobenzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	Chloroethane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	Chloroform	TR1	25 6	UG/L	1		1
MOUND R1-0	10/25/00	Chloromethane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	Chromium	TR1	0 697	UG/L	0 697	U	
MOUND R1-0	10/25/00	cis-1,2-Dichloroethylene	TR1	37 3	UG/L	1		1
MOUND R1-0	10/25/00	cis-1,3-Dichloropropylene	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	Cobalt	TR1	0 669	UG/L	0 669	U	
MOUND R1-0	10/25/00	Copper	TR1	1 54	UG/L	1 54	U	
MOUND R1-0	10/25/00	Dibromochloromethane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	Dibromofluoromethane	TR1	99	%REC			1
MOUND R1-0	10/25/00	Dibromomethane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	Dichlorodifluoromethane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	Ethylbenzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	Hexachlorobutadiene	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	Iron	TR1	6 19	UG/L	2 37	B	
MOUND R1-0	10/25/00	Isopropylbenzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	Lead	TR1	2 25	UG/L	2 25	U	
MOUND R1-0	10/25/00	Lithium	TR1	26	UG/L	0 076	B	
MOUND R1-0	10/25/00	Magnesium	TR1	34700	UG/L	4 55		
MOUND R1-0	10/25/00	Manganese	TR1	28 4	UG/L	0 477		
MOUND R1-0	10/25/00	Mercury	TR1	0 048	UG/L	0 048	U	
MOUND R1-0	10/25/00	Methylene chloride	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	Molybdenum	TR1	2 85	UG/L	1 39	B	
MOUND R1-0	10/25/00	Naphthalene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	n-Butylbenzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	Nickel	TR1	1 32	UG/L	1 03	B	
MOUND R1-0	10/25/00	n-Propylbenzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	Potassium	TR1	1160	UG/L	0 496	B	
MOUND R1-0	10/25/00	sec-Butylbenzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	Selenium	TR1	3 83	UG/L	2 37		
MOUND R1-0	10/25/00	Silver	TR1	0 618	UG/L	0 618	U	
MOUND R1-0	10/25/00	Sodium	TR1	60200	UG/L	10 6		
MOUND R1-0	10/25/00	Strontium	TR1	921	UG/L	0 205		
MOUND R1-0	10/25/00	Styrene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	Sulfate as SO4	TR1	39	MG/L	1		1
MOUND R1-0	10/25/00	tert-Butylbenzene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	Tetrachloroethylene	TR1	68 7	UG/L	1		1
MOUND R1-0	10/25/00	Thallium	TR1	3 26	UG/L	3 26	B	
MOUND R1-0	10/25/00	Tin	TR1	2 38	UG/L	2 38	U	
MOUND R1-0	10/25/00	Toluene	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	trans-1,2-Dichloroethylene	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	trans-1,3-Dichloropropylene	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	Trichloroethylene	TR1	104	UG/L	1		1
MOUND R1-0	10/25/00	Trichlorofluoromethane	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	Uranium	TR1	4 81	UG/L	0 723	B	
MOUND R1-0	10/25/00	Vanadium	TR1	1 1	UG/L	0 455	B	
MOUND R1-0	10/25/00	Vinyl chloride	TR1	1	UG/L	1	U	1
MOUND R1-0	10/25/00	Xylenes (total)	TR1	1	UG/L	1	U	J1
MOUND R1-0	10/25/00	Zinc	TR1	7 87	UG/L	0 504	B	
MOUND R1-1	8/16/00	1,1,1,2-Tetrachloroethane	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	1,1,1-Trichloroethane	TR1	0 7	UG/L	2	J	V1
MOUND R1-1	8/16/00	1,1,2,2-Tetrachloroethane	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	1,1,2-Trichloroethane	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	1,1-Dichloroethane	TR1	3	UG/L	2		V1
MOUND R1-1	8/16/00	1,1-Dichloroethene	TR1	4	UG/L	2		V1
MOUND R1-1	8/16/00	1,1-dichloropropene	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	1,2,3-Trichlorobenzene	TR1	2	UG/L	2	U	UJ1

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Appendix A - Mound Plume Sampling Data

Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-1	8/16/00	1,2,3-Trichloropropane	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	1,2,4-Trichlorobenzene	TR1	2	UG/L	2	U	UJ1
MOUND R1-1	8/16/00	1,2,4-Trimethylbenzene	TR1	2	UG/L	2	U	UJ1
MOUND R1-1	8/16/00	1,2-Dibromo-3-chloropropane	TR1	2	UG/L	2	U	UJ1
MOUND R1-1	8/16/00	1,2-Dibromoethane	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	1,2-Dichlorobenzene	TR1	2	UG/L	2	U	UJ1
MOUND R1-1	8/16/00	1,2-Dichloroethane	TR1	0 7	UG/L	2	J	V1
MOUND R1-1	8/16/00	1,2-Dichloropropane	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	1,3,5-Trimethylbenzene	TR1	2	UG/L	2	U	UJ1
MOUND R1-1	8/16/00	1,3-Dichlorobenzene	TR1	2	UG/L	2	U	UJ1
MOUND R1-1	8/16/00	1,3-Dichloropropane	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	1,4-Dichlorobenzene	TR1	2	UG/L	2	U	UJ1
MOUND R1-1	8/16/00	2,2-Dichloropropane	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	2-Chlorotoluene	TR1	2	UG/L	2	U	UJ1
MOUND R1-1	8/16/00	4-Chlorotoluene	TR1	2	UG/L	2	U	UJ1
MOUND R1-1	8/16/00	4-Isopropyltoluene	TR1	2	UG/L	2	U	UJ1
MOUND R1-1	8/16/00	Alkalinity, Bicarbonate as CaCO	TR1	170	MG/L	5		J1
MOUND R1-1	8/16/00	Benzene	TR1	0 6	UG/L	2	J	R1
MOUND R1-1	8/16/00	Bromide	TR1	0 3	MG/L	0 1		R1
MOUND R1-1	8/16/00	Bromobenzene	TR1	2	UG/L	2	U	1
MOUND R1-1	8/16/00	Bromochloromethane	TR1	2	UG/L	2	U	1
MOUND R1-1	8/16/00	Bromodichloromethane	TR1	2	UG/L	2	U	1
MOUND R1-1	8/16/00	Bromoform	TR1	2	UG/L	2	U	1
MOUND R1-1	8/16/00	Bromomethane	TR1	2	UG/L	2	U	1
MOUND R1-1	8/16/00	Carbon Tetrachloride	TR1	3	UG/L	2		1
MOUND R1-1	8/16/00	Chloride	TR1	54	MG/L	0 5		UJ1
MOUND R1-1	8/16/00	Chlorobenzene	TR1	2	UG/L	2	U	1
MOUND R1-1	8/16/00	Chloroethane	TR1	2	UG/L	2	U	1
MOUND R1-1	8/16/00	Chloroform	TR1	14	UG/L	2		V1
MOUND R1-1	8/16/00	Chloromethane	TR1	2	UG/L	2	U	UJ1
MOUND R1-1	8/16/00	cis-1,2-dichloroethene	TR1	18	UG/L	2		V1
MOUND R1-1	8/16/00	cis-1,3-Dichloropropene	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	Dibromochloromethane	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	Dibromomethane	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	Dichlorodifluoromethane	TR1	2	UG/L	2		1
MOUND R1-1	8/16/00	Ethylbenzene	TR1	2	UG/L	2	U	1
MOUND R1-1	8/16/00	Fluoride	TR1	0 96	MG/L	0 05		1
MOUND R1-1	8/16/00	Gross Alpha	TR1	0 31	PCI/L	0 97	U	1
MOUND R1-1	8/16/00	Gross Beta	TR1	1	PCI/L	1 1	U	V1
MOUND R1-1	8/16/00	Hexachlorobutadiene	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	Hydrogen	TR1	0 00099	MG/L		U	UJ1
MOUND R1-1	8/16/00	Hydrogen	TR1	0 00099	MG/L		U	V1
MOUND R1-1	8/16/00	Isopropylbenzene	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	Methane	TR1	1 4	MG/L		B	V1
MOUND R1-1	8/16/00	Methane	TR1	1 4	MG/L		B	1
MOUND R1-1	8/16/00	Methylene Chloride	TR1	3	UG/L	2	B	1
MOUND R1-1	8/16/00	Naphthalene	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	N-butybenzene	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	Nitrate/Nitrite as N	TR1	0 12	MG/L	0 05		1
MOUND R1-1	8/16/00	N-propylbenzene	TR1	2	UG/L	2	U	1
MOUND R1-1	8/16/00	Sec-butylbenzene	TR1	2	UG/L	2	U	1
MOUND R1-1	8/16/00	Styrene	TR1	2	UG/L	2	U	1
MOUND R1-1	8/16/00	Sulfate as SO4	TR1	4	MG/L	1		V1
MOUND R1-1	8/16/00	Tert-butylbenzene	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	Tetrachloroethene	TR1	42	UG/L	2		V1
MOUND R1-1	8/16/00	Toluene	TR1	0 5	UG/L	2	J	UJ1
MOUND R1-1	8/16/00	Trans-1,2-dichloroethene	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	Trans-1,3-Dichloropropene	TR1	2	UG/L	2	U	V1
MOUND R1-1	8/16/00	Trichloroethene	TR1	43	UG/L	2		V1
MOUND R1-1	8/16/00	Trichlorofluoromethane	TR1	2	UG/L	2	U	V1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-1	8/16/00	U-234	TR1	0 06	PCI/L	0 02	J	
MOUND R1-1	8/16/00	U-235	TR1	0 0075	PCI/L	0 02	U	
MOUND R1-1	8/16/00	U-238	TR1	0 082	PCI/L	0 02	J	1
MOUND R1-1	8/16/00	Vinyl Chloride	TR1	2	UG/L	2	U	1
MOUND R1-1	8/16/00	Xylenes (Total)	TR1	0 1	UG/L	2	J	UJ1
MOUND R1-1	9/13/00	1,1 1 2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	1,1,1-Trichloroethane	TR1	0 98	UG/L	0 5		1
MOUND R1-1	9/13/00	1,1,2,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-1	9/13/00	1,1,2-Trichloroethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-1	9/13/00	1,1-Dichloroethane	TR1	1 8	UG/L	0 5		UJ1
MOUND R1-1	9/13/00	1,1-Dichloroethylene	TR1	3 2	UG/L	0 5		1
MOUND R1-1	9/13/00	1,1-Dichloropropene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-1	9/13/00	1,2,3-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	1,2,3-Trichloropropane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-1	9/13/00	1,2,4-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-1	9/13/00	1,2,4-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	1,2-Dibromo-3-chloropropane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-1	9/13/00	1,2-Dibromoethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-1	9/13/00	1,2-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND R1-1	9/13/00	1,2-Dichloroethane	TR1	0 5	UG/L	0 5		1
MOUND R1-1	9/13/00	1,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	1,3,5-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-1	9/13/00	1,3-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	1,3-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	1,4-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-1	9/13/00	2,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-1	9/13/00	2-Chlorotoluene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	4-Chlorotoluene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	4-Isopropyltoluene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	Alkalinity, Bicarbonate as CaCO	TR1	210	MG/L	5		V1
MOUND R1-1	9/13/00	Aluminum	TR1	12 2	UG/L	12 2	U	1
MOUND R1-1	9/13/00	Aluminum	TR1	12 2	UG/L	12 2	U	V1
MOUND R1-1	9/13/00	Antimony	TR1	1 61	UG/L	1 61	U	1
MOUND R1-1	9/13/00	Antimony	TR1	1 61	UG/L	1 61	U	J1
MOUND R1-1	9/13/00	Arsenic	TR1	2 92	UG/L	2 92	U	V1
MOUND R1-1	9/13/00	Arsenic	TR1	2 92	UG/L	2 92	U	V1
MOUND R1-1	9/13/00	Barium	TR1	36 9	UG/L	0 457	B	V1
MOUND R1-1	9/13/00	Barium	TR1	37 2	UG/L	0 457	B	V1
MOUND R1-1	9/13/00	Benzene	TR1	0 45	UG/L	0 5	J	V1
MOUND R1-1	9/13/00	Beryllium	TR1	0 456	UG/L	0 456	U	V1
MOUND R1-1	9/13/00	Beryllium	TR1	0 456	UG/L	0 456	U	V1
MOUND R1-1	9/13/00	Bromide	TR1	0 3	MG/L	0 1		UJ1
MOUND R1-1	9/13/00	Bromobenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	Bromochloromethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-1	9/13/00	Bromodichloromethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-1	9/13/00	Bromoform	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-1	9/13/00	Bromomethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	Cadmium	TR1	0 686	UG/L	0 686	U	UJ1
MOUND R1-1	9/13/00	Cadmium	TR1	0 686	UG/L	0 686	U	V1
MOUND R1-1	9/13/00	Calcium	TR1	40200	UG/L	8 32		V1
MOUND R1-1	9/13/00	Calcium	TR1	40100	UG/L	8 32		UJ1
MOUND R1-1	9/13/00	Carbon tetrachloride	TR1	5 7	UG/L	0 5		UJ1
MOUND R1-1	9/13/00	Chloride	TR1	69	MG/L	0 5		V1
MOUND R1-1	9/13/00	Chlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-1	9/13/00	Chloroethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	Chloroform	TR1	15 3	UG/L	0 5		UJ1
MOUND R1-1	9/13/00	Chloromethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-1	9/13/00	Chromium	TR1	0 871	UG/L	0 871	U	UJ1
MOUND R1-1	9/13/00	Chromium	TR1	0 871	UG/L	0 871	U	J1
MOUND R1-1	9/13/00	cis-1,2-Dichloroethylene	TR1	16 8	UG/L	0 5		R1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-1	9/13/00	cis-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	R1
MOUND R1-1	9/13/00	Cobalt	TR1	0 914	UG/L	0 914	U	1
MOUND R1-1	9/13/00	Cobalt	TR1	0 914	UG/L	0 914	U	1
MOUND R1-1	9/13/00	Copper	TR1	1 63	UG/L	1 63	U	1
MOUND R1-1	9/13/00	Copper	TR1	1 63	UG/L	1 63	U	1
MOUND R1-1	9/13/00	Dibromochloromethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-1	9/13/00	Dibromomethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-1	9/13/00	Dichlorodifluoromethane	TR1	0 5	UG/L	0 5	U	J1
MOUND R1-1	9/13/00	Ethylbenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-1	9/13/00	Fluoride	TR1	0 82	MG/L	0 05		1
MOUND R1-1	9/13/00	Gross Alpha	TR1	-0 0705	PCI/L	2 03	U	V1
MOUND R1-1	9/13/00	Gross Beta	TR1	-1 41	PCI/L	3 5	U	UJ1
MOUND R1-1	9/13/00	Hexachlorobutadiene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	Hydrogen	TR1	0 001	MG/L		U	V1
MOUND R1-1	9/13/00	Hydrogen	TR1	0 001	MG/L		U	V1
MOUND R1-1	9/13/00	Iron	TR1	5070	UG/L	8 6		V1
MOUND R1-1	9/13/00	Iron	TR1	5300	UG/L	8 6		1
MOUND R1-1	9/13/00	Isopropylbenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-1	9/13/00	Lead	TR1	1 38	UG/L	1 38	U	1
MOUND R1-1	9/13/00	Lead	TR1	1 38	UG/L	1 38	U	1
MOUND R1-1	9/13/00	Lithium	TR1	22 5	UG/L	0 01	B	V1
MOUND R1-1	9/13/00	Lithium	TR1	22 4	UG/L	0 01	B	V1
MOUND R1-1	9/13/00	Magnesium	TR1	30400	UG/L	5 99		UJ1
MOUND R1-1	9/13/00	Magnesium	TR1	30800	UG/L	5 99		V1
MOUND R1-1	9/13/00	Manganese	TR1	86 3	UG/L	0 937		V1
MOUND R1-1	9/13/00	Manganese	TR1	86 7	UG/L	0 937		V1
MOUND R1-1	9/13/00	Mercury	TR1	0 043	UG/L	0 043	U	1
MOUND R1-1	9/13/00	Mercury	TR1	0 043	UG/L	0 043	U	1
MOUND R1-1	9/13/00	Methane	TR1	0 88	MG/L			V1
MOUND R1-1	9/13/00	Methane	TR1	0 88	MG/L			V1
MOUND R1-1	9/13/00	Methylene chloride	TR1	2 2	UG/L	0 5		1
MOUND R1-1	9/13/00	Molybdenum	TR1	4 54	UG/L	1 46	B	1
MOUND R1-1	9/13/00	Molybdenum	TR1	3 94	UG/L	1 46	B	1
MOUND R1-1	9/13/00	Naphthalene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-1	9/13/00	n-Butylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	Nickel	TR1	1 29	UG/L	1 29	U	V1
MOUND R1-1	9/13/00	Nickel	TR1	1 29	UG/L	1 29	U	V1
MOUND R1-1	9/13/00	Nitrate/Nitrite as N	TR1	0 13	MG/L	0 05		UJ1
MOUND R1-1	9/13/00	n-Propylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	Potassium	TR1	1100	UG/L	21 5	B	V1
MOUND R1-1	9/13/00	Potassium	TR1	1120	UG/L	21 5	B	V1
MOUND R1-1	9/13/00	sec-Butylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-1	9/13/00	Selenium	TR1	2 14	UG/L	2 14	U	
MOUND R1-1	9/13/00	Selenium	TR1	2 14	UG/L	2 14	U	
MOUND R1-1	9/13/00	Silver	TR1	0 935	UG/L	0 935	U	1
MOUND R1-1	9/13/00	Silver	TR1	0 935	UG/L	0 935	U	1
MOUND R1-1	9/13/00	Sodium	TR1	55200	UG/L	12 2		UJ1
MOUND R1-1	9/13/00	Sodium	TR1	56900	UG/L	12 2		1
MOUND R1-1	9/13/00	Strontium	TR1	291	UG/L	0 451		1
MOUND R1-1	9/13/00	Strontium	TR1	291	UG/L	0 451		1
MOUND R1-1	9/13/00	Styrene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-1	9/13/00	Sulfate as SO4	TR1	6	MG/L	1		1
MOUND R1-1	9/13/00	tert-Butylbenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-1	9/13/00	Tetrachloroethylene	TR1	31 9	UG/L	0 5		1
MOUND R1-1	9/13/00	Thallium	TR1	2 11	UG/L	2 11	U	1
MOUND R1-1	9/13/00	Thallium	TR1	2 11	UG/L	2 11	U	R1
MOUND R1-1	9/13/00	Tin	TR1	3 09	UG/L	3 09	U	R1
MOUND R1-1	9/13/00	Tin	TR1	3 09	UG/L	3 09	U	
MOUND R1-1	9/13/00	Toluene	TR1	0 41	UG/L	0 5	J	
MOUND R1-1	9/13/00	trans-1,2-Dichloroethylene	TR1	0 5	UG/L	0 5	U	V1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-1	9/13/00	trans-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-1	9/13/00	Trichloroethylene	TR1	43 6	UG/L	0 5		UJ1
MOUND R1-1	9/13/00	Trichlorofluoromethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-1	9/13/00	Uranium	TR1	17 9	UG/L	17 9	U	UJ1
MOUND R1-1	9/13/00	Uranium	TR1	17 9	UG/L	17 9	U	1
MOUND R1-1	9/13/00	Vanadium	TR1	1 42	UG/L	1 42	U	1
MOUND R1-1	9/13/00	Vanadium	TR1	1 42	UG/L	1 42	U	V1
MOUND R1-1	9/13/00	Vinyl chloride	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-1	9/13/00	Xylenes (total)	TR1	0 5	UG/L	0 5	U	1
MOUND R1-1	9/13/00	Zinc	TR1	2 19	UG/L	2 19	U	1
MOUND R1-1	9/13/00	Zinc	TR1	2 19	UG/L	2 19	U	UJ1
MOUND R1-2	8/16/00	1,1,1,2-Tetrachloroethane	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	1,1,1-Trichloroethane	TR1	0 6	UG/L	1	J	1
MOUND R1-2	8/16/00	1,1,2,2-Tetrachloroethane	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	1,1,2-Trichloroethane	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	1,1-Dichloroethane	TR1	2	UG/L	1		1
MOUND R1-2	8/16/00	1,1-Dichloroethene	TR1	3	UG/L	1		1
MOUND R1-2	8/16/00	1,1-dichloropropene	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	1,2,3-Trichlorobenzene	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	1,2,3-Trichloropropane	TR1	1	UG/L	1	U	R1
MOUND R1-2	8/16/00	1,2,4-Trichlorobenzene	TR1	1	UG/L	1	U	R1
MOUND R1-2	8/16/00	1,2,4-Trimethylbenzene	TR1	1	UG/L	1	U	
MOUND R1-2	8/16/00	1,2-Dibromo-3-chloropropane	TR1	1	UG/L	1	U	
MOUND R1-2	8/16/00	1,2-Dibromoethane	TR1	1	UG/L	1	U	V1
MOUND R1-2	8/16/00	1,2-Dichlorobenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-2	8/16/00	1,2-Dichloroethane	TR1	0 8	UG/L	1	J	UJ1
MOUND R1-2	8/16/00	1,2-Dichloropropane	TR1	1	UG/L	1	U	UJ1
MOUND R1-2	8/16/00	1,3,5-Trimethylbenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-2	8/16/00	1,3-Dichlorobenzene	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	1,3-Dichloropropane	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	1,4-Dichlorobenzene	TR1	1	UG/L	1	U	V1
MOUND R1-2	8/16/00	2,2-Dichloropropane	TR1	1	UG/L	1	U	UJ1
MOUND R1-2	8/16/00	2-Chlorotoluene	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	4-Chlorotoluene	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	4-Isopropyltoluene	TR1	1	UG/L	1	U	UJ1
MOUND R1-2	8/16/00	Alkalinity, Bicarbonate as CaCO	TR1	120	MG/L	5		1
MOUND R1-2	8/16/00	Benzene	TR1	0 6	UG/L	1	J	UJ1
MOUND R1-2	8/16/00	Bromide	TR1	0 3	MG/L	0 1		1
MOUND R1-2	8/16/00	Bromobenzene	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	Bromochloromethane	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	Bromodichloromethane	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	Bromoform	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	Bromomethane	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	Carbon Tetrachloride	TR1	2	UG/L	1		UJ1
MOUND R1-2	8/16/00	Chloride	TR1	69	MG/L	0 5		V1
MOUND R1-2	8/16/00	Chlorobenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-2	8/16/00	Chloroethane	TR1	1	UG/L	1	U	V1
MOUND R1-2	8/16/00	Chloroform	TR1	8	UG/L	1		UJ1
MOUND R1-2	8/16/00	Chloromethane	TR1	1	UG/L	1	U	UJ1
MOUND R1-2	8/16/00	cis-1,2-dichloroethene	TR1	16	UG/L	1		1
MOUND R1-2	8/16/00	cis-1,3-Dichloropropene	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	Dibromochloromethane	TR1	1	UG/L	1	U	UJ1
MOUND R1-2	8/16/00	Dibromomethane	TR1	1	UG/L	1	U	V1
MOUND R1-2	8/16/00	Dichlorodifluoromethane	TR1	1	UG/L	1	U	V1
MOUND R1-2	8/16/00	Ethylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-2	8/16/00	Fluoride	TR1	0 89	MG/L	0 05		V1
MOUND R1-2	8/16/00	Gross Alpha	TR1	0 4	PCI/L	0 72	U	UJ1
MOUND R1-2	8/16/00	Gross Beta	TR1	1 1	PCI/L	0 93	J	UJ1
MOUND R1-2	8/16/00	Hexachlorobutadiene	TR1	1	UG/L	1	U	1
MOUND R1-2	8/16/00	Hydrogen	TR1	0 00096	MG/L		U	1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-2	8/16/00	Hydrogen	TR1	0 00096	MG/L		U	V1
MOUND R1-2	8/16/00	Isopropylbenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-2	8/16/00	Methane	TR1	2 9	MG/L		B	UJ1
MOUND R1-2	8/16/00	Methane	TR1	2 9	MG/L		B	UJ1
MOUND R1-2	8/16/00	Methylene Chloride	TR1	2	UG/L	1	B	V1
MOUND R1-2	8/16/00	Naphthalene	TR1	1	UG/L	1	U	J1
MOUND R1-2	8/16/00	N-butybenzene	TR1	1	UG/L	1	U	V1
MOUND R1-2	8/16/00	Nitrate/Nitrite as N	TR1	0 06	MG/L	0 05		V1
MOUND R1-2	8/16/00	N-propylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-2	8/16/00	Sec-butylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-2	8/16/00	Styrene	TR1	1	UG/L	1	U	V1
MOUND R1-2	8/16/00	Sulfate as SO4	TR1	3	MG/L	1		UJ1
MOUND R1-2	8/16/00	Tert-butylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-2	8/16/00	Tetrachloroethene	TR1	21	UG/L	1		UJ1
MOUND R1-2	8/16/00	Toluene	TR1	0 2	UG/L	1	J	UJ1
MOUND R1-2	8/16/00	Trans-1,2-dichloroethene	TR1	1	UG/L	1	U	V1
MOUND R1-2	8/16/00	Trans-1,3-Dichloropropene	TR1	1	UG/L	1	U	V1
MOUND R1-2	8/16/00	Trichloroethene	TR1	20	UG/L	1		UJ1
MOUND R1-2	8/16/00	Trichlorofluoromethane	TR1	1	UG/L	1	U	J1
MOUND R1-2	8/16/00	U-234	TR1	0 14	PCI/L	0 15	U	V1
MOUND R1-2	8/16/00	U-235	TR1	0	PCI/L	0 081	U	UJ1
MOUND R1-2	8/16/00	U-238	TR1	0 06	PCI/L	0 081	U	UJ1
MOUND R1-2	8/16/00	Vinyl Chloride	TR1	1	UG/L	1	U	V1
MOUND R1-2	8/16/00	Xylenes (Total)	TR1	1	UG/L	1	U	UJ1
MOUND R1-2	9/13/00	1,1,1,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-2	9/13/00	1,1,1-Trichloroethane	TR1	0 56	UG/L	0 5		1
MOUND R1-2	9/13/00	1,1,2,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-2	9/13/00	1,1,2-Trichloroethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-2	9/13/00	1,1-Dichloroethane	TR1	1 9	UG/L	0 5		1
MOUND R1-2	9/13/00	1,1-Dichloroethylene	TR1	2 7	UG/L	0 5		1
MOUND R1-2	9/13/00	1,1-Dichloropropene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-2	9/13/00	1,2,3-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-2	9/13/00	1,2,3-Trichloropropane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-2	9/13/00	1,2,4-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	1,2,4-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-2	9/13/00	1,2-Dibromo-3-chloropropane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	1,2-Dibromoethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-2	9/13/00	1,2-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-2	9/13/00	1,2-Dichloroethane	TR1	0 61	UG/L	0 5		1
MOUND R1-2	9/13/00	1,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-2	9/13/00	1,3,5-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-2	9/13/00	1,3-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	1,3-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	1,4-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	2,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	2-Chlorotoluene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-2	9/13/00	4-Chlorotoluene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-2	9/13/00	4-Isopropyltoluene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-2	9/13/00	Alkalinity, Bicarbonate as CaC	TR1	150	MG/L	5		1
MOUND R1-2	9/13/00	Aluminum	TR1	12 2	UG/L	12 2	U	V1
MOUND R1-2	9/13/00	Aluminum	TR1	12 2	UG/L	12 2	U	UJ1
MOUND R1-2	9/13/00	Antimony	TR1	1 61	UG/L	1 61	U	J1
MOUND R1-2	9/13/00	Antimony	TR1	1 61	UG/L	1 61	U	J1
MOUND R1-2	9/13/00	Arsenic	TR1	2 92	UG/L	2 92	U	V1
MOUND R1-2	9/13/00	Arsenic	TR1	2 92	UG/L	2 92	U	V1
MOUND R1-2	9/13/00	Barium	TR1	14 5	UG/L	0 457	B	V1
MOUND R1-2	9/13/00	Barium	TR1	13 7	UG/L	0 457	B	V1
MOUND R1-2	9/13/00	Benzene	TR1	0 51	UG/L	0 5		V1
MOUND R1-2	9/13/00	Beryllium	TR1	0 456	UG/L	0 456	U	V1
MOUND R1-2	9/13/00	Beryllium	TR1	0 456	UG/L	0 456	U	V1

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Appendix A - Mound Plume Sampling Data

Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-2	9/13/00	Bromide	TR1	0 3	MG/L	0 1		UJ1
MOUND R1-2	9/13/00	Bromobenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	Bromochloromethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-2	9/13/00	Bromodichloromethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-2	9/13/00	Bromoform	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	Bromomethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	Cadmium	TR1	0 686	UG/L	0 686	U	UJ1
MOUND R1-2	9/13/00	Cadmium	TR1	0 686	UG/L	0 686	U	V1
MOUND R1-2	9/13/00	Calcium	TR1	18000	UG/L	8 32		V1
MOUND R1-2	9/13/00	Calcium	TR1	16900	UG/L	8 32		UJ1
MOUND R1-2	9/13/00	Carbon tetrachloride	TR1	2 6	UG/L	0 5		UJ1
MOUND R1-2	9/13/00	Chloride	TR1	69	MG/L	0 5		V1
MOUND R1-2	9/13/00	Chlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-2	9/13/00	Chloroethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	Chloroform	TR1	9 8	UG/L	0 5		UJ1
MOUND R1-2	9/13/00	Chloromethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-2	9/13/00	Chromium	TR1	0 871	UG/L	0 871	U	UJ1
MOUND R1-2	9/13/00	Chromium	TR1	0 871	UG/L	0 871	U	V1
MOUND R1-2	9/13/00	cis-1,2-Dichloroethylene	TR1	16 6	UG/L	0 5		J1
MOUND R1-2	9/13/00	cis-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	Cobalt	TR1	0 914	UG/L	0 914	U	UJ1
MOUND R1-2	9/13/00	Cobalt	TR1	0 914	UG/L	0 914	U	V1
MOUND R1-2	9/13/00	Copper	TR1	1 63	UG/L	1 63	U	V1
MOUND R1-2	9/13/00	Copper	TR1	1 63	UG/L	1 63	U	V1
MOUND R1-2	9/13/00	Dibromochloromethane	TR1	0 5	UG/L	0 5	U	J1
MOUND R1-2	9/13/00	Dibromomethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	Dichlorodifluoromethane	TR1	0 5	UG/L	0 5	U	J1
MOUND R1-2	9/13/00	Ethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-2	9/13/00	Fluoride	TR1	0 81	MG/L	0 05		V1
MOUND R1-2	9/13/00	Gross Alpha	TR1	-0 564	PCI/L	1 69	U	V1
MOUND R1-2	9/13/00	Gross Beta	TR1	1 72	PCI/L	2 69	U	V1
MOUND R1-2	9/13/00	Hexachlorobutadiene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	Hydrogen	TR1	0 00092	MG/L		U	V1
MOUND R1-2	9/13/00	Hydrogen	TR1	0 00092	MG/L		U	V1
MOUND R1-2	9/13/00	Iron	TR1	935	UG/L	8 6		V1
MOUND R1-2	9/13/00	Iron	TR1	1720	UG/L	8 6		V1
MOUND R1-2	9/13/00	Isopropylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-2	9/13/00	Lead	TR1	1 38	UG/L	1 38	U	V1
MOUND R1-2	9/13/00	Lead	TR1	1 38	UG/L	1 38	U	V
MOUND R1-2	9/13/00	Lithium	TR1	21 5	UG/L	0 01	B	V
MOUND R1-2	9/13/00	Lithium	TR1	21 7	UG/L	0 01	B	V1
MOUND R1-2	9/13/00	Magnesium	TR1	25800	UG/L	5 99		
MOUND R1-2	9/13/00	Magnesium	TR1	25200	UG/L	5 99		
MOUND R1-2	9/13/00	Manganese	TR1	50 7	UG/L	0 937		UJ1
MOUND R1-2	9/13/00	Manganese	TR1	51 5	UG/L	0 937		
MOUND R1-2	9/13/00	Mercury	TR1	0 043	UG/L	0 043	U	
MOUND R1-2	9/13/00	Mercury	TR1	0 043	UG/L	0 043	U	V1
MOUND R1-2	9/13/00	Methane	TR1	2 4	MG/L			UJ1
MOUND R1-2	9/13/00	Methane	TR1	2 4	MG/L			UJ1
MOUND R1-2	9/13/00	Methylene chloride	TR1	4	UG/L	0 5		V1
MOUND R1-2	9/13/00	Molybdenum	TR1	7 7	UG/L	1 46	B	UJ1
MOUND R1-2	9/13/00	Molybdenum	TR1	7 9	UG/L	1 46	B	UJ1
MOUND R1-2	9/13/00	Naphthalene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-2	9/13/00	n-Butylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	Nickel	TR1	1 29	UG/L	1 29	U	UJ1
MOUND R1-2	9/13/00	Nickel	TR1	1 29	UG/L	1 29	U	V1
MOUND R1-2	9/13/00	Nitrate/Nitrite as N	TR1	0 11	MG/L	0 05		J1
MOUND R1-2	9/13/00	n-Propylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	Potassium	TR1	1090	UG/L	21 5	B	V1
MOUND R1-2	9/13/00	Potassium	TR1	1080	UG/L	21 5	B	V1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-2	9/13/00	sec-Butylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	Selenium	TR1	2 14	UG/L	2 14	U	V1
MOUND R1-2	9/13/00	Selenium	TR1	3 06	UG/L	2 14		V1
MOUND R1-2	9/13/00	Silver	TR1	0 935	UG/L	0 935	U	V1
MOUND R1-2	9/13/00	Silver	TR1	0 935	UG/L	0 935	U	V1
MOUND R1-2	9/13/00	Sodium	TR1	56700	UG/L	12 2		J1
MOUND R1-2	9/13/00	Sodium	TR1	56300	UG/L	12 2		V1
MOUND R1-2	9/13/00	Strontium	TR1	110	UG/L	0 451	B	V1
MOUND R1-2	9/13/00	Strontium	TR1	102	UG/L	0 451	B	V1
MOUND R1-2	9/13/00	Styrene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	Sulfate as SO4	TR1	3	MG/L	1		V1
MOUND R1-2	9/13/00	tert-Butylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	Tetrachloroethylene	TR1	19 7	UG/L	0 5		V1
MOUND R1-2	9/13/00	Thallium	TR1	2 11	UG/L	2 11	U	UJ1
MOUND R1-2	9/13/00	Thallium	TR1	2 11	UG/L	2 11	U	V1
MOUND R1-2	9/13/00	Tin	TR1	3 09	UG/L	3 09	U	UJ1
MOUND R1-2	9/13/00	Tin	TR1	3 09	UG/L	3 09	U	UJ1
MOUND R1-2	9/13/00	Toluene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-2	9/13/00	trans-1,2-Dichloroethylene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	trans-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-2	9/13/00	Trichloroethylene	TR1	24 1	UG/L	0 5		V1
MOUND R1-2	9/13/00	Trichlorofluoromethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	Uranium	TR1	19 5	UG/L	17 9	B	UJ1
MOUND R1-2	9/13/00	Uranium	TR1	19 5	UG/L	17 9	B	UJ1
MOUND R1-2	9/13/00	Vanadium	TR1	1 42	UG/L	1 42	U	V1
MOUND R1-2	9/13/00	Vanadium	TR1	1 42	UG/L	1 42	U	UJ1
MOUND R1-2	9/13/00	Vinyl chloride	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-2	9/13/00	Xylenes (total)	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-2	9/13/00	Zinc	TR1	2 19	UG/L	2 19	U	UJ1
MOUND R1-2	9/13/00	Zinc	TR1	2 19	UG/L	2 19	U	UJ1
MOUND R1-3	8/16/00	1,1,1,2-Tetrachloroethane	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	1,1,1,2-Tetrachloroethane	TR1	1	UG/L	1	U	UJ1
MOUND R1-3	8/16/00	1,1,1-Trichloroethane	DL1	2	UG/L	2	JD	UJ1
MOUND R1-3	8/16/00	1,1,1-Trichloroethane	TR1	1	UG/L	1		UJ1
MOUND R1-3	8/16/00	1,1,2,2-Tetrachloroethane	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	1,1,2,2-Tetrachloroethane	TR1	1	UG/L	1	U	J1
MOUND R1-3	8/16/00	1,1,2-Trichloroethane	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	1,1,2-Trichloroethane	TR1	1	UG/L	1	U	UJ1
MOUND R1-3	8/16/00	1,1-Dichloroethane	DL1	2	UG/L	2	D	V1
MOUND R1-3	8/16/00	1,1-Dichloroethane	TR1	2	UG/L	1		V1
MOUND R1-3	8/16/00	1,1-Dichloroethene	DL1	5	UG/L	2	D	V1
MOUND R1-3	8/16/00	1,1-Dichloroethene	TR1	4	UG/L	1		J1
MOUND R1-3	8/16/00	1,1-dichloropropene	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	1,1-dichloropropene	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	1,2,3-Trichlorobenzene	DL1	2	UG/L	2	U	UJ1
MOUND R1-3	8/16/00	1,2,3-Trichlorobenzene	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	1,2,3-Trichloropropane	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	1,2,3-Trichloropropane	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	1,2,4-Trichlorobenzene	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	1,2,4-Trichlorobenzene	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	1,2,4-Trimethylbenzene	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	1,2,4-Trimethylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	1,2-Dibromo-3-chloropropane	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	1,2-Dibromo-3-chloropropane	TR1	1	UG/L	1	U	UJ1
MOUND R1-3	8/16/00	1,2-Dibromoethane	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	1,2-Dibromoethane	TR1	1	UG/L	1	U	V
MOUND R1-3	8/16/00	1,2-Dichlorobenzene	DL1	2	UG/L	2	U	V
MOUND R1-3	8/16/00	1,2-Dichlorobenzene	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	1,2-Dichloroethane	DL1	0 8	UG/L	2	JD	
MOUND R1-3	8/16/00	1,2-Dichloroethane	TR1	0 8	UG/L	1	J	

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Appendix A - Mound Plume Sampling Data

Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-3	8/16/00	1,2-Dichloropropane	DL1	2	UG/L	2	U	UJ1
MOUND R1-3	8/16/00	1,2-Dichloropropane	TR1	1	UG/L	1	U	
MOUND R1-3	8/16/00	1,3,5-Trimethylbenzene	DL1	2	UG/L	2	U	
MOUND R1-3	8/16/00	1,3,5-Trimethylbenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-3	8/16/00	1,3-Dichlorobenzene	DL1	2	UG/L	2	U	UJ1
MOUND R1-3	8/16/00	1,3-Dichlorobenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-3	8/16/00	1,3-Dichloropropane	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	1,3-Dichloropropane	TR1	1	UG/L	1	U	UJ1
MOUND R1-3	8/16/00	1,4-Dichlorobenzene	DL1	2	UG/L	2	U	UJ1
MOUND R1-3	8/16/00	1,4-Dichlorobenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-3	8/16/00	2,2-Dichloropropane	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	2,2-Dichloropropane	TR1	1	UG/L	1	U	UJ1
MOUND R1-3	8/16/00	2-Chlorotoluene	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	2-Chlorotoluene	TR1	1	UG/L	1	U	J1
MOUND R1-3	8/16/00	4-Chlorotoluene	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	4-Chlorotoluene	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	4-Isopropyltoluene	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	4-Isopropyltoluene	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	Alkalinity, Bicarbonate as CaCO	TR1	180	MG/L	5		V1
MOUND R1-3	8/16/00	Benzene	DL1	0 3	UG/L	2	JD	V1
MOUND R1-3	8/16/00	Benzene	TR1	0 4	UG/L	1	J	V1
MOUND R1-3	8/16/00	Bromide	TR1	0 3	MG/L	0 1		V1
MOUND R1-3	8/16/00	Bromobenzene	DL1	2	UG/L	2	U	J1
MOUND R1-3	8/16/00	Bromobenzene	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	Bromochloromethane	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	Bromochloromethane	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	Bromodichloromethane	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	Bromodichloromethane	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	Bromoform	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	Bromoform	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	Bromomethane	DL1	2	UG/L	2	U	UJ1
MOUND R1-3	8/16/00	Bromomethane	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	Carbon Tetrachloride	DL1	5	UG/L	2	D	UJ1
MOUND R1-3	8/16/00	Carbon Tetrachloride	TR1	3	UG/L	1		UJ1
MOUND R1-3	8/16/00	Chloride	TR1	54	MG/L	0 5		UJ1
MOUND R1-3	8/16/00	Chlorobenzene	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	Chlorobenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-3	8/16/00	Chloroethane	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	Chloroethane	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	Chloroform	DL1	29	UG/L	2	D	UJ1
MOUND R1-3	8/16/00	Chloroform	TR1	22	UG/L	1		UJ1
MOUND R1-3	8/16/00	Chloromethane	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	Chloromethane	TR1	1	UG/L	5	U	UJ1
MOUND R1-3	8/16/00	cis-1,2-dichloroethene	DL1	24	UG/L	2	D	V1
MOUND R1-3	8/16/00	cis-1,2-dichloroethene	TR1	21	UG/L	1		UJ1
MOUND R1-3	8/16/00	cis-1,3-Dichloropropene	DL1	2	UG/L	2	U	UJ1
MOUND R1-3	8/16/00	cis-1,3-Dichloropropene	TR1	1	UG/L	1	U	UJ1
MOUND R1-3	8/16/00	Dibromochloromethane	DL1	2	UG/L	2	U	J1
MOUND R1-3	8/16/00	Dibromochloromethane	TR1	1	UG/L	1	U	R1
MOUND R1-3	8/16/00	Dibromomethane	DL1	2	UG/L	2	U	R1
MOUND R1-3	8/16/00	Dibromomethane	TR1	1	UG/L	1	U	1
MOUND R1-3	8/16/00	Dichlorodifluoromethane	DL1	2	UG/L	2	U	1
MOUND R1-3	8/16/00	Dichlorodifluoromethane	TR1	1	UG/L	5	U	1
MOUND R1-3	8/16/00	Ethylbenzene	DL1	2	UG/L	2	U	1
MOUND R1-3	8/16/00	Ethylbenzene	TR1	1	UG/L	1	U	1
MOUND R1-3	8/16/00	Fluoride	TR1	0 82	MG/L	0 05		1
MOUND R1-3	8/16/00	Gross Alpha	TR1	-0 073	PCI/L	1 1	U	J1
MOUND R1-3	8/16/00	Gross Beta	TR1	0 78	PCI/L	1	U	1
MOUND R1-3	8/16/00	Hexachlorobutadiene	DL1	2	UG/L	2	U	1
MOUND R1-3	8/16/00	Hexachlorobutadiene	TR1	1	UG/L	1	U	V1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-3	8/16/00	Hydrogen	TR1	0 00097	MG/L		U	UJ1
MOUND R1-3	8/16/00	Hydrogen	TR1	0 00097	MG/L		U	V1
MOUND R1-3	8/16/00	Isopropylbenzene	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	Isopropylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	Methane	TR1	2	MG/L		B	V1
MOUND R1-3	8/16/00	Methane	TR1	2	MG/L		B	1
MOUND R1-3	8/16/00	Methylene Chloride	DL1	4	UG/L	2	BD	1
MOUND R1-3	8/16/00	Methylene Chloride	TR1	2	UG/L	1	B	1
MOUND R1-3	8/16/00	Naphthalene	DL1	2	UG/L	2	U	1
MOUND R1-3	8/16/00	Naphthalene	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	N-butybenzene	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	N-butybenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-3	8/16/00	Nitrate/Nitrite as N	TR1	0 08	MG/L	0 05		V1
MOUND R1-3	8/16/00	N-propylbenzene	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	N-propylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	Sec-butylbenzene	DL1	2	UG/L	2	U	1
MOUND R1-3	8/16/00	Sec-butylbenzene	TR1	1	UG/L	1	U	1
MOUND R1-3	8/16/00	Styrene	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	Styrene	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	Sulfate as SO4	TR1	6	MG/L	1		1
MOUND R1-3	8/16/00	Tert-butylbenzene	DL1	2	UG/L	2	U	1
MOUND R1-3	8/16/00	Tert-butylbenzene	TR1	1	UG/L	1	U	1
MOUND R1-3	8/16/00	Tetrachloroethene	DL1	37	UG/L	2	D	1
MOUND R1-3	8/16/00	Tetrachloroethene	TR1	30	UG/L	1	E	V1
MOUND R1-3	8/16/00	Toluene	DL1	0 2	UG/L	2	JD	V1
MOUND R1-3	8/16/00	Toluene	TR1	0 2	UG/L	1	J	V1
MOUND R1-3	8/16/00	Trans-1,2-dichloroethene	DL1	2	UG/L	2	U	UJ1
MOUND R1-3	8/16/00	Trans-1,2-dichloroethene	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	Trans-1,3-Dichloropropene	DL1	2	UG/L	2	U	V1
MOUND R1-3	8/16/00	Trans-1,3-Dichloropropene	TR1	1	UG/L	1	U	V1
MOUND R1-3	8/16/00	Trichloroethene	DL1	48	UG/L	2	D	V1
MOUND R1-3	8/16/00	Trichloroethene	TR1	37	UG/L	1	E	
MOUND R1-3	8/16/00	Trichlorofluoromethane	DL1	2	UG/L	2	U	
MOUND R1-3	8/16/00	Trichlorofluoromethane	TR1	1	UG/L	1	U	1
MOUND R1-3	8/16/00	U-234	TR1	0 13	PCI/L	0 056	J	1
MOUND R1-3	8/16/00	U-235	TR1	0 023	PCI/L	0 021	J	UJ1
MOUND R1-3	8/16/00	U-238	TR1	0 038	PCI/L	0 021	J	1
MOUND R1-3	8/16/00	Vinyl Chloride	DL1	0 2	UG/L	2	JD	1
MOUND R1-3	8/16/00	Vinyl Chloride	TR1	0 2	UG/L	5	J	1
MOUND R1-3	8/16/00	Xylenes (Total)	DL1	0 1	UG/L	2	JD	1
MOUND R1-3	8/16/00	Xylenes (Total)	TR1	0 1	UG/L	1	J	1
MOUND R1-3	9/13/00	1,1,1,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	J1
MOUND R1-3	9/13/00	1,1,1-Trichloroethane	TR1	1 1	UG/L	0 5		R1
MOUND R1-3	9/13/00	1,1,2,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	R1
MOUND R1-3	9/13/00	1,1,2-Trichloroethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-3	9/13/00	1,1-Dichloroethane	TR1	2 3	UG/L	0 5		1
MOUND R1-3	9/13/00	1,1-Dichloroethylene	TR1	4 1	UG/L	0 5		1
MOUND R1-3	9/13/00	1,1-Dichloropropene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-3	9/13/00	1,2,3-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-3	9/13/00	1,2,3-Trichloropropane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-3	9/13/00	1,2,4-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND R1-3	9/13/00	1,2,4-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-3	9/13/00	1,2-Dibromo-3-chloropropane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-3	9/13/00	1,2-Dibromoethane	TR1	0 5	UG/L	0 5	U	J1
MOUND R1-3	9/13/00	1,2-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-3	9/13/00	1,2-Dichloroethane	TR1	0 72	UG/L	0 5		V1
MOUND R1-3	9/13/00	1,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	1,3,5-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	1 3-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	1,3-Dichloropropane	TR1	0 5	UG/L	0 5	U	1

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Appendix A - Mound Plume Sampling Data

Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-3	9/13/00	1,4-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-3	9/13/00	2,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-3	9/13/00	2-Chlorotoluene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-3	9/13/00	4-Chlorotoluene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	4-Isopropyltoluene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	Alkalinity, Bicarbonate as CaCO	TR1	160	MG/L	5		UJ1
MOUND R1-3	9/13/00	Aluminum	TR1	12 2	UG/L	12 2	U	V1
MOUND R1-3	9/13/00	Aluminum	TR1	12 2	UG/L	12 2	U	V1
MOUND R1-3	9/13/00	Antimony	TR1	1 61	UG/L	1 61	U	V1
MOUND R1-3	9/13/00	Antimony	TR1	1 61	UG/L	1 61	U	1
MOUND R1-3	9/13/00	Arsenic	TR1	2 92	UG/L	2 92	U	1
MOUND R1-3	9/13/00	Arsenic	TR1	2 92	UG/L	2 92	U	V1
MOUND R1-3	9/13/00	Barium	TR1	14 7	UG/L	0 457	B	V1
MOUND R1-3	9/13/00	Barium	TR1	13 3	UG/L	0 457	B	1
MOUND R1-3	9/13/00	Benzene	TR1	0 32	UG/L	0 5	J	1
MOUND R1-3	9/13/00	Beryllium	TR1	0 456	UG/L	0 456	U	1
MOUND R1-3	9/13/00	Beryllium	TR1	0 456	UG/L	0 456	U	1
MOUND R1-3	9/13/00	Bromide	TR1	0 4	MG/L	0 1		V1
MOUND R1-3	9/13/00	Bromobenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	Bromochloromethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	Bromodichloromethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-3	9/13/00	Bromoform	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	Bromomethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	Cadmium	TR1	0 686	UG/L	0 686	U	V1
MOUND R1-3	9/13/00	Cadmium	TR1	0 686	UG/L	0 686	U	V1
MOUND R1-3	9/13/00	Calcium	TR1	20700	UG/L	8 32		
MOUND R1-3	9/13/00	Calcium	TR1	18500	UG/L	8 32		
MOUND R1-3	9/13/00	Carbon tetrachloride	TR1	2 7	UG/L	0 5		1
MOUND R1-3	9/13/00	Chloride	TR1	35	MG/L	0 5		1
MOUND R1-3	9/13/00	Chlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-3	9/13/00	Chloroethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-3	9/13/00	Chloroform	TR1	25 1	UG/L	0 5		1
MOUND R1-3	9/13/00	Chloromethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-3	9/13/00	Chromium	TR1	0 871	UG/L	0 871	U	1
MOUND R1-3	9/13/00	Chromium	TR1	0 871	UG/L	0 871	U	1
MOUND R1-3	9/13/00	cis-1,2-Dichloroethylene	TR1	22 5	UG/L	0 5		1
MOUND R1-3	9/13/00	cis-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-3	9/13/00	Cobalt	TR1	0 914	UG/L	0 914	U	1
MOUND R1-3	9/13/00	Cobalt	TR1	0 914	UG/L	0 914	U	R1
MOUND R1-3	9/13/00	Copper	TR1	1 63	UG/L	1 63	U	R1
MOUND R1-3	9/13/00	Copper	TR1	1 63	UG/L	1 63	U	
MOUND R1-3	9/13/00	Dibromochloromethane	TR1	0 5	UG/L	0 5	U	
MOUND R1-3	9/13/00	Dibromomethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	Dichlorodifluoromethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-3	9/13/00	Ethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-3	9/13/00	Fluoride	TR1	0 68	MG/L	0 05		UJ1
MOUND R1-3	9/13/00	Gross Alpha	TR1	-0 379	PCI/L	1 42	U	UJ1
MOUND R1-3	9/13/00	Gross Beta	TR1	-0 339	PCI/L	3 15	U	1
MOUND R1-3	9/13/00	Hexachlorobutadiene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-3	9/13/00	Hydrogen	TR1	0 001	MG/L		U	V1
MOUND R1-3	9/13/00	Hydrogen	TR1	0 001	MG/L		U	UJ1
MOUND R1-3	9/13/00	Iron	TR1	2030	UG/L	8 6		1
MOUND R1-3	9/13/00	Iron	TR1	2500	UG/L	8 6		1
MOUND R1-3	9/13/00	Isopropylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-3	9/13/00	Lead	TR1	1 38	UG/L	1 38	U	UJ1
MOUND R1-3	9/13/00	Lead	TR1	1 38	UG/L	1 38	U	1
MOUND R1-3	9/13/00	Lithium	TR1	23 6	UG/L	0 01	B	1
MOUND R1-3	9/13/00	Lithium	TR1	23 9	UG/L	0 01	B	1
MOUND R1-3	9/13/00	Magnesium	TR1	28100	UG/L	5 99		1
MOUND R1-3	9/13/00	Magnesium	TR1	27400	UG/L	5 99		1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-3	9/13/00	Manganese	TR1	94	UG/L	0 937		1
MOUND R1-3	9/13/00	Manganese	TR1	90 3	UG/L	0 937		1
MOUND R1-3	9/13/00	Mercury	TR1	0 043	UG/L	0 043	U	UJ1
MOUND R1-3	9/13/00	Mercury	TR1	0 043	UG/L	0 043	U	V1
MOUND R1-3	9/13/00	Methane	TR1	2 1	MG/L			UJ1
MOUND R1-3	9/13/00	Methane	TR1	2 1	MG/L			V1
MOUND R1-3	9/13/00	Methylene chloride	TR1	6 1	UG/L	0 5		1
MOUND R1-3	9/13/00	Molybdenum	TR1	4 4	UG/L	1 46	B	1
MOUND R1-3	9/13/00	Molybdenum	TR1	5 45	UG/L	1 46	B	1
MOUND R1-3	9/13/00	Naphthalene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-3	9/13/00	n-Butylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	Nickel	TR1	1 29	UG/L	1 29	U	V1
MOUND R1-3	9/13/00	Nickel	TR1	1 29	UG/L	1 29	U	V1
MOUND R1-3	9/13/00	Nitrate/Nitrite as N	TR1	0 05	MG/L	0 05		V1
MOUND R1-3	9/13/00	n-Propylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	Potassium	TR1	1120	UG/L	21 5	B	1
MOUND R1-3	9/13/00	Potassium	TR1	1120	UG/L	21 5	B	1
MOUND R1-3	9/13/00	sec-Butylbenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-3	9/13/00	Selenium	TR1	2 14	UG/L	2 14	U	1
MOUND R1-3	9/13/00	Selenium	TR1	2 14	UG/L	2 14	U	V1
MOUND R1-3	9/13/00	Silver	TR1	0 935	UG/L	0 935	U	UJ1
MOUND R1-3	9/13/00	Silver	TR1	0 935	UG/L	0 935	U	J1
MOUND R1-3	9/13/00	Sodium	TR1	57400	UG/L	12 2		J1
MOUND R1-3	9/13/00	Sodium	TR1	57500	UG/L	12 2		V1
MOUND R1-3	9/13/00	Strontium	TR1	124	UG/L	0 451	B	V1
MOUND R1-3	9/13/00	Strontium	TR1	109	UG/L	0 451	B	V1
MOUND R1-3	9/13/00	Styrene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	Sulfate as SO4	TR1	2	MG/L	1		V1
MOUND R1-3	9/13/00	tert-Butylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	Tetrachloroethylene	TR1	29 9	UG/L	0 5		V1
MOUND R1-3	9/13/00	Thallium	TR1	2 11	UG/L	2 11	U	UJ1
MOUND R1-3	9/13/00	Thallium	TR1	2 11	UG/L	2 11	U	V1
MOUND R1-3	9/13/00	Tin	TR1	3 09	UG/L	3 09	U	UJ1
MOUND R1-3	9/13/00	Tin	TR1	3 09	UG/L	3 09	U	UJ1
MOUND R1-3	9/13/00	Toluene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	trans-1,2-Dichloroethylene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	trans-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-3	9/13/00	Trichloroethylene	TR1	40 2	UG/L	0 5		V1
MOUND R1-3	9/13/00	Trichlorofluoromethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	Uranium	TR1	20 1	UG/L	17 9	B	UJ1
MOUND R1-3	9/13/00	Uranium	TR1	21 8	UG/L	17 9	B	UJ1
MOUND R1-3	9/13/00	Vanadium	TR1	1 42	UG/L	1 42	U	V1
MOUND R1-3	9/13/00	Vanadium	TR1	1 42	UG/L	1 42	U	UJ1
MOUND R1-3	9/13/00	Vinyl chloride	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-3	9/13/00	Xylenes (total)	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-3	9/13/00	Zinc	TR1	2 19	UG/L	2 19	U	UJ1
MOUND R1-3	9/13/00	Zinc	TR1	2 19	UG/L	2 19	U	UJ1
MOUND R1-4	8/16/00	1,1,1,2-Tetrachloroethane	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	1,1,1-Trichloroethane	TR1	0 3	UG/L	1	J	1
MOUND R1-4	8/16/00	1,1,2,2-Tetrachloroethane	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	1,1,2-Trichloroethane	TR1	1	UG/L	1	U	R1
MOUND R1-4	8/16/00	1,1-Dichloroethane	TR1	3	UG/L	1		R1
MOUND R1-4	8/16/00	1,1-Dichloroethene	TR1	3	UG/L	1		
MOUND R1-4	8/16/00	1,1-dichloropropene	TR1	1	UG/L	1	U	
MOUND R1-4	8/16/00	1,2,3-Trichlorobenzene	TR1	1	UG/L	1	U	V1
MOUND R1-4	8/16/00	1,2,3-Trichloropropane	TR1	1	UG/L	1	U	UJ1
MOUND R1-4	8/16/00	1,2,4-Trichlorobenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-4	8/16/00	1,2,4-Trimethylbenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-4	8/16/00	1 2-Dibromo-3-chloropropane	TR1	1	UG/L	1	U	UJ1
MOUND R1-4	8/16/00	1,2-Dibromoethane	TR1	1	UG/L	1	U	1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-4	8/16/00	1,2-Dichlorobenzene	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	1,2-Dichloroethane	TR1	0 8	UG/L	1	J	V1
MOUND R1-4	8/16/00	1,2-Dichloropropane	TR1	1	UG/L	1	U	UJ1
MOUND R1-4	8/16/00	1,3,5-Trimethylbenzene	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	1,3-Dichlorobenzene	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	1,3-Dichloropropane	TR1	1	UG/L	1	U	UJ1
MOUND R1-4	8/16/00	1,4-Dichlorobenzene	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	2,2-Dichloropropane	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	2-Chlorotoluene	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	4-Chlorotoluene	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	4-Isopropyltoluene	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	Alkalinity, Bicarbonate as CaCO	TR1	100	MG/L	5		1
MOUND R1-4	8/16/00	Benzene	TR1	0 4	UG/L	1	J	1
MOUND R1-4	8/16/00	Bromide	TR1	0 3	MG/L	0 1		1
MOUND R1-4	8/16/00	Bromobenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-4	8/16/00	Bromochloromethane	TR1	1	UG/L	1	U	V1
MOUND R1-4	8/16/00	Bromodichloromethane	TR1	1	UG/L	1	U	UJ1
MOUND R1-4	8/16/00	Bromoform	TR1	1	UG/L	1	U	V1
MOUND R1-4	8/16/00	Bromomethane	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	Carbon Tetrachloride	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	Chloride	TR1	54	MG/L	0 5		1
MOUND R1-4	8/16/00	Chlorobenzene	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	Chloroethane	TR1	1	UG/L	1	U	J1
MOUND R1-4	8/16/00	Chloroform	TR1	11	UG/L	1		V1
MOUND R1-4	8/16/00	Chloromethane	TR1	1	UG/L	5	U	V1
MOUND R1-4	8/16/00	cis-1,2-dichloroethene	TR1	20	UG/L	1		V1
MOUND R1-4	8/16/00	cis-1,3-Dichloropropene	TR1	1	UG/L	1	U	V1
MOUND R1-4	8/16/00	Dibromochloromethane	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	Dibromomethane	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	Dichlorodifluoromethane	TR1	1	UG/L	5	U	1
MOUND R1-4	8/16/00	Ethylbenzene	TR1	1	UG/L	1	U	1
MOUND R1-4	8/16/00	Fluoride	TR1	0 78	MG/L	0 05		V1
MOUND R1-4	8/16/00	Gross Alpha	TR1	0 034	PCI/L	0 75	U	UJ1
MOUND R1-4	8/16/00	Gross Beta	TR1	1 7	PCI/L	0 96	J	J1
MOUND R1-4	8/16/00	Hexachlorobutadiene	TR1	1	UG/L	1	U	J1
MOUND R1-4	8/16/00	Hydrogen	TR1	0 009	MG/L		U	V1
MOUND R1-4	8/16/00	Hydrogen	TR1	0 009	MG/L		U	V1
MOUND R1-4	8/16/00	Isopropylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-4	8/16/00	Methane	TR1	2 9	MG/L		B	V1
MOUND R1-4	8/16/00	Methane	TR1	2 9	MG/L		B	V1
MOUND R1-4	8/16/00	Methylene Chloride	TR1	3	UG/L	1	B	V1
MOUND R1-4	8/16/00	Naphthalene	TR1	1	UG/L	1	U	V1
MOUND R1-4	8/16/00	N-butybenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-4	8/16/00	Nitrate/Nitrite as N	TR1	0 05	MG/L	0 05	U	V1
MOUND R1-4	8/16/00	N-propylbenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-4	8/16/00	Sec-butylbenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-4	8/16/00	Styrene	TR1	1	UG/L	1	U	V1
MOUND R1-4	8/16/00	Sulfate as SO4	TR1	1	MG/L	1	U	V1
MOUND R1-4	8/16/00	Tert-butylbenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-4	8/16/00	Tetrachloroethene	TR1	13	UG/L	1		V1
MOUND R1-4	8/16/00	Toluene	TR1	0 2	UG/L	1	J	V1
MOUND R1-4	8/16/00	Trans-1,2-dichloroethene	TR1	1	UG/L	1	U	UJ1
MOUND R1-4	8/16/00	Trans-1,3-Dichloropropene	TR1	1	UG/L	1	U	UJ1
MOUND R1-4	8/16/00	Trichloroethene	TR1	17	UG/L	1		V1
MOUND R1-4	8/16/00	Trichlorofluoromethane	TR1	1	UG/L	1	U	UJ1
MOUND R1-4	8/16/00	U-234	TR1	0 047	PCI/L	0 021	J	V1
MOUND R1-4	8/16/00	U-235	TR1	0	PCI/L	0 021	U	UJ1
MOUND R1-4	8/16/00	U-238	TR1	0 024	PCI/L	0 021	J	UJ1
MOUND R1-4	8/16/00	Vinyl Chloride	TR1	0 2	UG/L	5	J	UJ1
MOUND R1-4	8/16/00	Xylenes (Total)	TR1	0 3	UG/L	1	J	V1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-4	9/13/00	1,1,1,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	1,1,1-Trichloroethane	TR1	0 5	UG/L	0 5	U	J1
MOUND R1-4	9/13/00	1,1,2,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	1,1,2-Trichloroethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-4	9/13/00	1,1-Dichloroethane	TR1	2 1	UG/L	0 5		V1
MOUND R1-4	9/13/00	1,1-Dichloroethylene	TR1	2 6	UG/L	0 5		V1
MOUND R1-4	9/13/00	1,1-Dichloropropene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	1,2,3-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND R1-4	9/13/00	1,2,3-Trichloropropane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	1,2,4-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND R1-4	9/13/00	1,2,4-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-4	9/13/00	1,2-Dibromo-3-chloropropane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	1,2-Dibromoethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	1,2-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	1,2-Dichloroethane	TR1	0 65	UG/L	0 5		V1
MOUND R1-4	9/13/00	1,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	1,3,5-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	1,3-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	1,3-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	1,4-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-4	9/13/00	2,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	2-Chlorotoluene	TR1	0 5	UG/L	0 5	U	V
MOUND R1-4	9/13/00	4-Chlorotoluene	TR1	0 5	UG/L	0 5	U	V
MOUND R1-4	9/13/00	4-Isopropyltoluene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	Alkalinity, Bicarbonate as CaCO	TR1	90	MG/L	5		
MOUND R1-4	9/13/00	Aluminum	TR1	12 2	UG/L	12 2	U	
MOUND R1-4	9/13/00	Aluminum	TR1	12 2	UG/L	12 2	U	UJ1
MOUND R1-4	9/13/00	Antimony	TR1	1 61	UG/L	1 61	U	
MOUND R1-4	9/13/00	Antimony	TR1	1 61	UG/L	1 61	U	
MOUND R1-4	9/13/00	Arsenic	TR1	2 92	UG/L	2 92	U	
MOUND R1-4	9/13/00	Arsenic	TR1	2 92	UG/L	2 92	U	
MOUND R1-4	9/13/00	Barium	TR1	2 84	UG/L	0 457	B	JB1
MOUND R1-4	9/13/00	Barium	TR1	3 04	UG/L	0 457	B	UJ1
MOUND R1-4	9/13/00	Benzene	TR1	0 35	UG/L	0 5	J	UJ1
MOUND R1-4	9/13/00	Beryllium	TR1	0 456	UG/L	0 456	U	V1
MOUND R1-4	9/13/00	Beryllium	TR1	0 456	UG/L	0 456	U	UJ1
MOUND R1-4	9/13/00	Bromide	TR1	0 3	MG/L	0 1		UJ1
MOUND R1-4	9/13/00	Bromobenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-4	9/13/00	Bromochloromethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	Bromodichloromethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-4	9/13/00	Bromoform	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	Bromomethane	TR1	0 5	UG/L	0 5	U	J1
MOUND R1-4	9/13/00	Cadmium	TR1	0 686	UG/L	0 686	U	V1
MOUND R1-4	9/13/00	Cadmium	TR1	0 686	UG/L	0 686	U	V1
MOUND R1-4	9/13/00	Calcium	TR1	6710	UG/L	8 32		V1
MOUND R1-4	9/13/00	Calcium	TR1	6560	UG/L	8 32		V1
MOUND R1-4	9/13/00	Carbon tetrachloride	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	Chloride	TR1	49	MG/L	0 5		V1
MOUND R1-4	9/13/00	Chlorobenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	Chloroethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	Chloroform	TR1	11 3	UG/L	0 5		UJ1
MOUND R1-4	9/13/00	Chloromethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	Chromium	TR1	0 871	UG/L	0 871	U	V1
MOUND R1-4	9/13/00	Chromium	TR1	0 871	UG/L	0 871	U	V1
MOUND R1-4	9/13/00	cis-1,2-Dichloroethylene	TR1	17 2	UG/L	0 5		V1
MOUND R1-4	9/13/00	cis-1 3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	Cobalt	TR1	0 914	UG/L	0 914	U	V1
MOUND R1-4	9/13/00	Cobalt	TR1	0 914	UG/L	0 914	U	V1
MOUND R1-4	9/13/00	Copper	TR1	1 63	UG/L	1 63	U	UJ1
MOUND R1-4	9/13/00	Copper	TR1	1 63	UG/L	1 63	U	V1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-4	9/13/00	Dibromochloromethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-4	9/13/00	Dibromomethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-4	9/13/00	Dichlorodifluoromethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-4	9/13/00	Ethylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	Fluoride	TR1	0 75	MG/L	0 05		UJ1
MOUND R1-4	9/13/00	Gross Alpha	TR1	-0 545	PCI/L	1 48	U	V1
MOUND R1-4	9/13/00	Gross Beta	TR1	0 138	PCI/L	2 68	U	V1
MOUND R1-4	9/13/00	Hexachlorobutadiene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-4	9/13/00	Hydrogen	TR1	0 0011	MG/L		U	UJ1
MOUND R1-4	9/13/00	Hydrogen	TR1	0 0011	MG/L		U	V1
MOUND R1-4	9/13/00	Iron	TR1	146	UG/L	8 6		UJ1
MOUND R1-4	9/13/00	Iron	TR1	706	UG/L	8 6		V1
MOUND R1-4	9/13/00	Isopropylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-4	9/13/00	Lead	TR1	1 38	UG/L	1 38	U	UJ1
MOUND R1-4	9/13/00	Lead	TR1	1 38	UG/L	1 38	U	UJ1
MOUND R1-4	9/13/00	Lithium	TR1	22	UG/L	0 01	B	J1
MOUND R1-4	9/13/00	Lithium	TR1	22 1	UG/L	0 01	B	R1
MOUND R1-4	9/13/00	Magnesium	TR1	25100	UG/L	5 99		R1
MOUND R1-4	9/13/00	Magnesium	TR1	24800	UG/L	5 99		1
MOUND R1-4	9/13/00	Manganese	TR1	70 7	UG/L	0 937		1
MOUND R1-4	9/13/00	Manganese	TR1	75 4	UG/L	0 937		1
MOUND R1-4	9/13/00	Mercury	TR1	0 043	UG/L	0 043	U	1
MOUND R1-4	9/13/00	Mercury	TR1	0 043	UG/L	0 043	U	1
MOUND R1-4	9/13/00	Methane	TR1	2 7	MG/L			1
MOUND R1-4	9/13/00	Methane	TR1	2 7	MG/L			J1
MOUND R1-4	9/13/00	Methylene chloride	TR1	6 3	UG/L	0 5		1
MOUND R1-4	9/13/00	Molybdenum	TR1	8 44	UG/L	1 46	B	1
MOUND R1-4	9/13/00	Molybdenum	TR1	8 7	UG/L	1 46	B	V1
MOUND R1-4	9/13/00	Naphthalene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-4	9/13/00	n-Butylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	Nickel	TR1	1 29	UG/L	1 29	U	V1
MOUND R1-4	9/13/00	Nickel	TR1	1 29	UG/L	1 29	U	V1
MOUND R1-4	9/13/00	Nitrate/Nitrite as N	TR1	0 05	MG/L	0 05	U	V1
MOUND R1-4	9/13/00	n-Propylbenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-4	9/13/00	Potassium	TR1	1130	UG/L	21 5	B	1
MOUND R1-4	9/13/00	Potassium	TR1	1140	UG/L	21 5	B	1
MOUND R1-4	9/13/00	sec-Butylbenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-4	9/13/00	Selenium	TR1	2 39	UG/L	2 14	B	V1
MOUND R1-4	9/13/00	Selenium	TR1	2 14	UG/L	2 14	U	V1
MOUND R1-4	9/13/00	Silver	TR1	0 935	UG/L	0 935	U	UJ1
MOUND R1-4	9/13/00	Silver	TR1	0 935	UG/L	0 935	U	V1
MOUND R1-4	9/13/00	Sodium	TR1	58600	UG/L	12 2		V1
MOUND R1-4	9/13/00	Sodium	TR1	58300	UG/L	12 2		V1
MOUND R1-4	9/13/00	Strontium	TR1	25 4	UG/L	0 451	B	1
MOUND R1-4	9/13/00	Strontium	TR1	25 4	UG/L	0 451	B	1
MOUND R1-4	9/13/00	Styrene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	Sulfate as SO4	TR1	1	MG/L	1	U	V1
MOUND R1-4	9/13/00	tert-Butylbenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-4	9/13/00	Tetrachloroethylene	TR1	11 5	UG/L	0 5		1
MOUND R1-4	9/13/00	Thallium	TR1	2 11	UG/L	2 11	U	1
MOUND R1-4	9/13/00	Thallium	TR1	2 11	UG/L	2 11	U	1
MOUND R1-4	9/13/00	Tin	TR1	3 09	UG/L	3 09	U	V1
MOUND R1-4	9/13/00	Tin	TR1	3 09	UG/L	3 09	U	V1
MOUND R1-4	9/13/00	Toluene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	trans-1,2-Dichloroethylene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-4	9/13/00	trans-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	Trichloroethylene	TR1	16 2	UG/L	0 5		V1
MOUND R1-4	9/13/00	Trichlorofluoromethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-4	9/13/00	Uranium	TR1	17 9	UG/L	17 9	U	V1
MOUND R1-4	9/13/00	Uranium	TR1	17 9	UG/L	17 9	U	

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-4	9/13/00	Vanadium	TR1	1 42	UG/L	1 42	U	
MOUND R1-4	9/13/00	Vanadium	TR1	1 42	UG/L	1 42	U	UJ1
MOUND R1-4	9/13/00	Vinyl chloride	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-4	9/13/00	Xylenes (total)	TR1	0,5	UG/L	0 5	U	UJ1
MOUND R1-4	9/13/00	Zinc	TR1	2 19	UG/L	2 19	U	1
MOUND R1-4	9/13/00	Zinc	TR1	2 19	UG/L	2 19	U	1
MOUND R1-E	8/16/00	1,1,1,2-Tetrachloroethane	TR1	1	UG/L	1	U	J1
MOUND R1-E	8/16/00	1,1 1-Trichloroethane	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	1,1,2,2-Tetrachloroethane	TR1	1	UG/L	1	U	UJ1
MOUND R1-E	8/16/00	1,1,2-Trichloroethane	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	1,1-Dichloroethane	TR1	2	UG/L	1		V1
MOUND R1-E	8/16/00	1 1-Dichloroethene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	1,1-dichloropropene	TR1	1	UG/L	1	U	J1
MOUND R1-E	8/16/00	1,2,3-Trichlorobenzene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	1,2,3-Trichloropropane	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	1,2,4-Trichlorobenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-E	8/16/00	1,2,4-Trimethylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	1,2-Dibromo-3-chloropropane	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	1,2-Dibromoethane	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	1,2-Dichlorobenzene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	1,2-Dichloroethane	TR1	0 7	UG/L	1	J	V1
MOUND R1-E	8/16/00	1,2-Dichloropropane	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	1,3,5-Trimethylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	1,3-Dichlorobenzene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	1,3-Dichloropropane	TR1	1	UG/L	1	U	UJ1
MOUND R1-E	8/16/00	1,4-Dichlorobenzene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	2,2-Dichloropropane	TR1	1	UG/L	1	U	V
MOUND R1-E	8/16/00	2-Chlorotoluene	TR1	1	UG/L	1	U	V
MOUND R1-E	8/16/00	4-Chlorotoluene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	4-Isopropyltoluene	TR1	1	UG/L	1	U	
MOUND R1-E	8/16/00	Alkalinity, Bicarbonate as CaCO	TR1	30	MG/L	5		
MOUND R1-E	8/16/00	Benzene	TR1	0 5	UG/L	1	J	UJ1
MOUND R1-E	8/16/00	Bromide	TR1	0 3	MG/L	0 1		
MOUND R1-E	8/16/00	Bromobenzene	TR1	1	UG/L	1	U	
MOUND R1-E	8/16/00	Bromochloromethane	TR1	1	UG/L	1	U	U1
MOUND R1-E	8/16/00	Bromodichloromethane	TR1	1	UG/L	1	U	UJ1
MOUND R1-E	8/16/00	Bromoform	TR1	1	UG/L	1	U	UJ1
MOUND R1-E	8/16/00	Bromomethane	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	Carbon Tetrachloride	TR1	1	UG/L	1	U	UJ1
MOUND R1-E	8/16/00	Chloride	TR1	69	MG/L	0 5		UJ1
MOUND R1-E	8/16/00	Chlorobenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-E	8/16/00	Chloroethane	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	Chloroform	TR1	1	UG/L	1	U	UJ1
MOUND R1-E	8/16/00	Chloromethane	TR1	1	UG/L	5	U	V1
MOUND R1-E	8/16/00	cis-1,2-dichloroethene	TR1	3	UG/L	1		J1
MOUND R1-E	8/16/00	cis-1,3-Dichloropropene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	Dibromochloromethane	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	Dibromomethane	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	Dichlorodifluoromethane	TR1	1	UG/L	5	U	V1
MOUND R1-E	8/16/00	Ethylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	Fluoride	TR1	0 79	MG/L	0 05		V1
MOUND R1-E	8/16/00	Gross Alpha	TR1	-0 14	PCI/L	0 64	U	V1
MOUND R1-E	8/16/00	Gross Beta	TR1	1 2	PCI/L	0 65	J	V1
MOUND R1-E	8/16/00	Hexachlorobutadiene	TR1	1	UG/L	1	U	UJ1
MOUND R1-E	8/16/00	Hydrogen	TR1	0 0031	MG/L			V1
MOUND R1-E	8/16/00	Hydrogen	TR1	0 0031	MG/L			V1
MOUND R1-E	8/16/00	Isopropylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	Methane	TR1	5 8	MG/L		E	V1
MOUND R1-E	8/16/00	Methane	TR1	5 8	MG/L		E	V1
MOUND R1-E	8/16/00	Methane	TR2	2 7	MG/L		B	V1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-E	8/16/00	Methane	TR2	2 7	MG/L		B	V1
MOUND R1-E	8/16/00	Methylene Chloride	TR1	0 4	UG/L	1	JB	UJ1
MOUND R1-E	8/16/00	Naphthalene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	N-butylbenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-E	8/16/00	Nitrate/Nitrite as N	TR1	0 05	MG/L	0 05	U	UJ1
MOUND R1-E	8/16/00	N-propylbenzene	TR1	1	UG/L	1	U	UJ1
MOUND R1-E	8/16/00	Sec-butylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	Styrene	TR1	1	UG/L	1	U	UJ1
MOUND R1-E	8/16/00	Sulfate as SO4	TR1	1	MG/L	1	U	V1
MOUND R1-E	8/16/00	Tert-butylbenzene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	Tetrachloroethene	TR1	1	UG/L	1	U	UJ1
MOUND R1-E	8/16/00	Toluene	TR1	0 2	UG/L	1	J	UJ1
MOUND R1-E	8/16/00	Trans-1,2-dichloroethene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	Trans-1,3-Dichloropropene	TR1	1	UG/L	1	U	UJ1
MOUND R1-E	8/16/00	Trichloroethene	TR1	1	UG/L	1	U	V1
MOUND R1-E	8/16/00	Trichlorofluoromethane	TR1	1	UG/L	1	U	UJ1
MOUND R1-E	8/16/00	U-234	TR1	0 0079	PCI/L	0 021	U	UJ1
MOUND R1-E	8/16/00	U-235	TR1	0	PCI/L	0 021	U	UJ1
MOUND R1-E	8/16/00	U-238	TR1	0	PCI/L	0 021	U	J1
MOUND R1-E	8/16/00	Vinyl Chloride	TR1	0 1	UG/L	5	J	R1
MOUND R1-E	8/16/00	Xylenes (Total)	TR1	1	UG/L	1	U	R1
MOUND R1-E	9/13/00	1,1,1,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-E	9/13/00	1,1,1-Trichloroethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-E	9/13/00	1,1,2,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-E	9/13/00	1,1,2-Trichloroethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-E	9/13/00	1,1-Dichloroethane	TR1	1 2	UG/L	0 5		1
MOUND R1-E	9/13/00	1,1-Dichloroethylene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-E	9/13/00	1,1-Dichloropropene	TR1	0 5	UG/L	0 5	U	R1
MOUND R1-E	9/13/00	1,2,3-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	R1
MOUND R1-E	9/13/00	1,2,3-Trichloropropane	TR1	0 5	UG/L	0 5	U	
MOUND R1-E	9/13/00	1,2,4-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	
MOUND R1-E	9/13/00	1,2,4-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	
MOUND R1-E	9/13/00	1,2-Dibromo-3-chloropropane	TR1	0 5	UG/L	0 5	U	
MOUND R1-E	9/13/00	1,2-Dibromoethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	1,2-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-E	9/13/00	1,2-Dichloroethane	TR1	0 5	UG/L	0 5		1
MOUND R1-E	9/13/00	1,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-E	9/13/00	1,3,5-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-E	9/13/00	1,3-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-E	9/13/00	1,3-Dichloropropane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-E	9/13/00	1,4-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	2,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-E	9/13/00	2-Chlorotoluene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-E	9/13/00	4-Chlorotoluene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-E	9/13/00	4-Isopropyltoluene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-E	9/13/00	Alkalinity, Bicarbonate as CaCO	TR1	50	MG/L	5		1
MOUND R1-E	9/13/00	Aluminum	TR1	12 2	UG/L	12 2	U	1
MOUND R1-E	9/13/00	Aluminum	TR1	12 2	UG/L	12 2	U	1
MOUND R1-E	9/13/00	Antimony	TR1	1 61	UG/L	1 61	U	1
MOUND R1-E	9/13/00	Antimony	TR1	1 61	UG/L	1 61	U	1
MOUND R1-E	9/13/00	Arsenic	TR1	2 92	UG/L	2 92	U	1
MOUND R1-E	9/13/00	Arsenic	TR1	2 92	UG/L	2 92	U	1
MOUND R1-E	9/13/00	Barium	TR1	11 6	UG/L	0 457	B	1
MOUND R1-E	9/13/00	Barium	TR1	11 6	UG/L	0 457	B	UJ1
MOUND R1-E	9/13/00	Benzene	TR1	0 37	UG/L	0 5	J	V1
MOUND R1-E	9/13/00	Beryllium	TR1	0 456	UG/L	0 456	U	UJ1
MOUND R1-E	9/13/00	Beryllium	TR1	0 456	UG/L	0 456	U	V1
MOUND R1-E	9/13/00	Bromide	TR1	0 3	MG/L	0 1		1
MOUND R1-E	9/13/00	Bromobenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-E	9/13/00	Bromochloromethane	TR1	0 5	UG/L	0 5	U	1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-E	9/13/00	Bromodichloromethane	TR1	0 5	UG/L	0 5	U	1
MOUND R1-E	9/13/00	Bromoform	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	Bromomethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	Cadmium	TR1	0 686	UG/L	0 686	U	V1
MOUND R1-E	9/13/00	Cadmium	TR1	0 686	UG/L	0 686	U	V1
MOUND R1-E	9/13/00	Calcium	TR1	2830	UG/L	8 32	B	V1
MOUND R1-E	9/13/00	Calcium	TR1	2850	UG/L	8 32	B	1
MOUND R1-E	9/13/00	Carbon tetrachloride	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-E	9/13/00	Chloride	TR1	55	MG/L	0 5		1
MOUND R1-E	9/13/00	Chlorobenzene	TR1	0 5	UG/L	0 5	U	1
MOUND R1-E	9/13/00	Chloroethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	Chloroform	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-E	9/13/00	Chloromethane	TR1	0 5	UG/L	0 5	U	J1
MOUND R1-E	9/13/00	Chromium	TR1	0 871	UG/L	0 871	U	J1
MOUND R1-E	9/13/00	Chromium	TR1	0 871	UG/L	0 871	U	V1
MOUND R1-E	9/13/00	cis-1,2-Dichloroethylene	TR1	1 7	UG/L	0 5		V1
MOUND R1-E	9/13/00	cis-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	Cobalt	TR1	0 914	UG/L	0 914	U	V1
MOUND R1-E	9/13/00	Cobalt	TR1	0 914	UG/L	0 914	U	V1
MOUND R1-E	9/13/00	Copper	TR1	1 63	UG/L	1 63	U	V1
MOUND R1-E	9/13/00	Copper	TR1	1 63	UG/L	1 63	U	V1
MOUND R1-E	9/13/00	Dibromochloromethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-E	9/13/00	Dibromomethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	Dichlorodifluoromethane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-E	9/13/00	Ethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-E	9/13/00	Fluoride	TR1	1	MG/L	0 05		V1
MOUND R1-E	9/13/00	Gross Alpha	TR1	0 303	PCI/L	1 6	U	V1
MOUND R1-E	9/13/00	Gross Beta	TR1	0 582	PCI/L	3 48	U	UJ1
MOUND R1-E	9/13/00	Hexachlorobutadiene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	Hydrogen	TR1	0 001	MG/L		U	V1
MOUND R1-E	9/13/00	Hydrogen	TR1	0 001	MG/L		U	UJ1
MOUND R1-E	9/13/00	Iron	TR1	13 3	UG/L	8 6	B	UJ1
MOUND R1-E	9/13/00	Iron	TR1	14 2	UG/L	8 6	B	V1
MOUND R1-E	9/13/00	Isopropylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-E	9/13/00	Lead	TR1	1 38	UG/L	1 38	U	V1
MOUND R1-E	9/13/00	Lead	TR1	1 38	UG/L	1 38	U	UJ1
MOUND R1-E	9/13/00	Lithium	TR1	18 3	UG/L	0 01	B	UJ1
MOUND R1-E	9/13/00	Lithium	TR1	19 7	UG/L	0 01	B	UJ1
MOUND R1-E	9/13/00	Magnesium	TR1	17800	UG/L	5 99		V1
MOUND R1-E	9/13/00	Magnesium	TR1	17900	UG/L	5 99		V1
MOUND R1-E	9/13/00	Manganese	TR1	46 8	UG/L	0 937		J1
MOUND R1-E	9/13/00	Manganese	TR1	46 7	UG/L	0 937		V1
MOUND R1-E	9/13/00	Mercury	TR1	0 043	UG/L	0 043	U	UJ1
MOUND R1-E	9/13/00	Mercury	TR1	0 043	UG/L	0 043	U	V1
MOUND R1-E	9/13/00	Methane	TR1	3 3	MG/L		E	V1
MOUND R1-E	9/13/00	Methane	TR1	3 3	MG/L		E	V1
MOUND R1-E	9/13/00	Methane	TR2	3 6	MG/L			J1
MOUND R1-E	9/13/00	Methane	TR2	3 6	MG/L			V1
MOUND R1-E	9/13/00	Methylene chloride	TR1	0 85	UG/L	0 5		J1
MOUND R1-E	9/13/00	Molybdenum	TR1	23 9	UG/L	1 46	B	UJ1
MOUND R1-E	9/13/00	Molybdenum	TR1	24 1	UG/L	1 46	B	V1
MOUND R1-E	9/13/00	Naphthalene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	n-Butylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	Nickel	TR1	1 29	UG/L	1 29	U	V1
MOUND R1-E	9/13/00	Nickel	TR1	1 29	UG/L	1 29	U	V1
MOUND R1-E	9/13/00	Nitrate/Nitrite as N	TR1	0 05	MG/L	0 05	U	V1
MOUND R1-E	9/13/00	n-Propylbenzene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	Potassium	TR1	1120	UG/L	21 5	B	V1
MOUND R1-E	9/13/00	Potassium	TR1	1120	UG/L	21 5	B	UJ1
MOUND R1-E	9/13/00	sec-Butylbenzene	TR1	0 5	UG/L	0 5	U	V1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R1-E	9/13/00	Selenium	TR1	2 14	UG/L	2 14	U	V
MOUND R1-E	9/13/00	Selenium	TR1	2 14	UG/L	2 14	U	V
MOUND R1-E	9/13/00	Silver	TR1	0 935	UG/L	0 935	U	V1
MOUND R1-E	9/13/00	Silver	TR1	0 935	UG/L	0 935	U	
MOUND R1-E	9/13/00	Sodium	TR1	50800	UG/L	12 2		
MOUND R1-E	9/13/00	Sodium	TR1	51400	UG/L	12 2		UJ1
MOUND R1-E	9/13/00	Strontium	TR1	7 99	UG/L	0 451	B	
MOUND R1-E	9/13/00	Strontium	TR1	7 97	UG/L	0 451	B	
MOUND R1-E	9/13/00	Styrene	TR1	0 5	UG/L	0 5	U	JB1
MOUND R1-E	9/13/00	Sulfate as SO4	TR1	1	MG/L	1	U	UJ1
MOUND R1-E	9/13/00	tert-Butylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-E	9/13/00	Tetrachloroethylene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	Thallium	TR1	2 11	UG/L	2 11	U	UJ1
MOUND R1-E	9/13/00	Thallium	TR1	2 11	UG/L	2 11	U	V1
MOUND R1-E	9/13/00	Tin	TR1	3 09	UG/L	3 09	U	UJ1
MOUND R1-E	9/13/00	Tin	TR1	3 09	UG/L	3 09	U	UJ1
MOUND R1-E	9/13/00	Toluene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	trans-1,2-Dichloroethylene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-E	9/13/00	trans-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	Trichloroethylene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R1-E	9/13/00	Trichlorofluoromethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	Uranium	TR1	17 9	UG/L	17 9	U	V1
MOUND R1-E	9/13/00	Uranium	TR1	18 3	UG/L	17 9	B	V1
MOUND R1-E	9/13/00	Vanadium	TR1	1 42	UG/L	1 42	U	V1
MOUND R1-E	9/13/00	Vanadium	TR1	1 42	UG/L	1 42	U	V1
MOUND R1-E	9/13/00	Vinyl chloride	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	Xylenes (total)	TR1	0 5	UG/L	0 5	U	V1
MOUND R1-E	9/13/00	Zinc	TR1	2 19	UG/L	2 19	U	V1
MOUND R1-E	9/13/00	Zinc	TR1	2 19	UG/L	2 19	U	UJ1
MOUND R2-E	8/16/00	1,1,1,2-Tetrachloroethane	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	1,1,1-Trichloroethane	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	1,1,2,2-Tetrachloroethane	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	1,1,2-Trichloroethane	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	1,1-Dichloroethane	TR1	1	UG/L	1		1
MOUND R2-E	8/16/00	1,1-Dichloroethene	TR1	1	UG/L	1		1
MOUND R2-E	8/16/00	1,1-dichloropropene	TR1	1	UG/L	1	U	J1
MOUND R2-E	8/16/00	1,2,3-Trichlorobenzene	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	1,2,3-Trichloropropane	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	1,2,4-Trichlorobenzene	TR1	1	UG/L	1	U	V1
MOUND R2-E	8/16/00	1,2,4-Trimethylbenzene	TR1	1	UG/L	1	U	UJ1
MOUND R2-E	8/16/00	1,2-Dibromo-3-chloropropane	TR1	1	UG/L	1	U	V1
MOUND R2-E	8/16/00	1,2-Dibromoethane	TR1	1	UG/L	1	U	V1
MOUND R2-E	8/16/00	1,2-Dichlorobenzene	TR1	1	UG/L	1	U	V1
MOUND R2-E	8/16/00	1,2-Dichloroethane	TR1	0 5	UG/L	1	J	V1
MOUND R2-E	8/16/00	1,2-Dichloropropane	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	1,3,5-Trimethylbenzene	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	1,3-Dichlorobenzene	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	1,3-Dichloropropane	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	1,4-Dichlorobenzene	TR1	1	UG/L	1	U	V1
MOUND R2-E	8/16/00	2,2-Dichloropropane	TR1	1	UG/L	1	U	V1
MOUND R2-E	8/16/00	2-Chlorotoluene	TR1	1	UG/L	1	U	UJ1
MOUND R2-E	8/16/00	4-Chlorotoluene	TR1	1	UG/L	1	U	V1
MOUND R2-E	8/16/00	4-Isopropyltoluene	TR1	1	UG/L	1	U	V1
MOUND R2-E	8/16/00	Alkalinity, Bicarbonate as CaCO	TR1	45	MG/L	5		V1
MOUND R2-E	8/16/00	Am-241	TR1	0 0028	PCI/L	0 013	U	1
MOUND R2-E	8/16/00	Benzene	TR1	0 3	UG/L	1	J	1
MOUND R2-E	8/16/00	Bromide	TR1	0 3	MG/L	0 1		V1
MOUND R2-E	8/16/00	Bromobenzene	TR1	1	UG/L	1	U	V1
MOUND R2-E	8/16/00	Bromochloromethane	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	Bromodichloromethane	TR1	1	UG/L	1	U	1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R2-E	8/16/00	Bromoform	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	Bromomethane	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	Carbon Tetrachloride	TR1	1	UG/L	1	U	V1
MOUND R2-E	8/16/00	Chloride	TR1	69	MG/L	0 5		V1
MOUND R2-E	8/16/00	Chlorobenzene	TR1	1	UG/L	1	U	V1
MOUND R2-E	8/16/00	Chloroethane	TR1	1	UG/L	1	U	UJ1
MOUND R2-E	8/16/00	Chloroform	TR1	1	UG/L	1	U	V1
MOUND R2-E	8/16/00	Chloromethane	TR1	1	UG/L	5	U	V1
MOUND R2-E	8/16/00	cis-1,2-dichloroethene	TR1	1	UG/L	1	J	V1
MOUND R2-E	8/16/00	cis-1,3-Dichloropropene	TR1	1	UG/L	1	U	V1
MOUND R2-E	8/16/00	Dibromochloromethane	TR1	1	UG/L	1	U	
MOUND R2-E	8/16/00	Dibromomethane	TR1	1	UG/L	1	U	
MOUND R2-E	8/16/00	Dichlorodifluoromethane	TR1	1	UG/L	5	U	1
MOUND R2-E	8/16/00	Ethylbenzene	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	Fluoride	TR1	0 8	MG/L	0 05		UJ1
MOUND R2-E	8/16/00	Gross Alpha	TR1	-0 26	PCI/L	0 73	U	1
MOUND R2-E	8/16/00	Gross Beta	TR1	1 3	PCI/L	0 68	J	1
MOUND R2-E	8/16/00	Hexachlorobutadiene	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	Hydrogen	TR1	0 00095	MG/L		U	1
MOUND R2-E	8/16/00	Hydrogen	TR1	0 00095	MG/L		U	1
MOUND R2-E	8/16/00	Isopropylbenzene	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	Methane	TR1	2 5	MG/L		B	1
MOUND R2-E	8/16/00	Methane	TR1	2 5	MG/L		B	1
MOUND R2-E	8/16/00	Methylene Chloride	TR1	0 3	UG/L	1	BJ	R1
MOUND R2-E	8/16/00	Naphthalene	TR1	1	UG/L	1	U	R1
MOUND R2-E	8/16/00	N-butybenzene	TR1	1	UG/L	1	U	
MOUND R2-E	8/16/00	Nitrate/Nitrite as N	TR1	0 05	MG/L	0 05	U	
MOUND R2-E	8/16/00	N-propylbenzene	TR1	1	UG/L	1	U	V1
MOUND R2-E	8/16/00	Pu-239	TR1	0 0064	PCI/L	0 0043	J	UJ1
MOUND R2-E	8/16/00	Sec-butylbenzene	TR1	1	UG/L	1	U	UJ1
MOUND R2-E	8/16/00	Styrene	TR1	1	UG/L	1	U	UJ1
MOUND R2-E	8/16/00	Sulfate as SO4	TR1	1	MG/L	1	U	UJ1
MOUND R2-E	8/16/00	Tert-butylbenzene	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	Tetrachloroethene	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	Toluene	TR1	1	UG/L	1	U	V1
MOUND R2-E	8/16/00	Trans-1,2-dichloroethene	TR1	1	UG/L	1	U	UJ1
MOUND R2-E	8/16/00	Trans-1,3-Dichloropropene	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	Trichloroethene	TR1	1	UG/L	1	U	1
MOUND R2-E	8/16/00	Trichlorofluoromethane	TR1	1	UG/L	1	U	UJ1
MOUND R2-E	8/16/00	U-234	TR1	0 0087	PCI/L	0 023	U	1
MOUND R2-E	8/16/00	U-235	TR1	0 0087	PCI/L	0 023	U	UJ1
MOUND R2-E	8/16/00	U-238	TR1	0	PCI/L	0 023	U	1
MOUND R2-E	8/16/00	Vinyl Chloride	TR1	1	UG/L	5	U	1
MOUND R2-E	8/16/00	Xylenes (Total)	TR1	1	UG/L	1	U	1
MOUND R2-E	9/13/00	1,1,1,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	1,1,1-Trichloroethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	1,1,2,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	1,1,2-Trichloroethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	1,1-Dichloroethane	TR1	0 75	UG/L	0 5		V1
MOUND R2-E	9/13/00	1,1-Dichloroethylene	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	1,1-Dichloropropene	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	1,2,3-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	1,2,3-Trichloropropane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	1,2,4-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	1,2,4-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	1 2-Dibromo-3-chloropropane	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	1,2-Dibromoethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	1,2-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	1 2-Dichloroethane	TR1	0 4	UG/L	0 5	J	V1
MOUND R2-E	9/13/00	1,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R2-E	9/13/00	1,3,5-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	1,3-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	1,3-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	1,4-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	2,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	2-Chlorotoluene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	4-Chlorotoluene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	4-Isopropyltoluene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	Alkalinity, Bicarbonate as CaCO	TR1	95	MG/L	5		J1
MOUND R2-E	9/13/00	Aluminum	TR1	12 2	UG/L	12 2	U	R1
MOUND R2-E	9/13/00	Aluminum	TR1	12 2	UG/L	12 2	U	R1
MOUND R2-E	9/13/00	Antimony	TR1	1 63	UG/L	1 61	B	UJ1
MOUND R2-E	9/13/00	Antimony	TR1	2 08	UG/L	1 61	B	UJ1
MOUND R2-E	9/13/00	Arsenic	TR1	2 92	UG/L	2 92	U	1
MOUND R2-E	9/13/00	Arsenic	TR1	2 92	UG/L	2 92	U	1
MOUND R2-E	9/13/00	Barium	TR1	10 5	UG/L	0 457	B	1
MOUND R2-E	9/13/00	Barium	TR1	10 6	UG/L	0 457	B	1
MOUND R2-E	9/13/00	Benzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	Beryllium	TR1	0 456	UG/L	0 456	U	1
MOUND R2-E	9/13/00	Beryllium	TR1	0 456	UG/L	0 456	U	1
MOUND R2-E	9/13/00	Bromide	TR1	0 3	MG/L	0 1		V1
MOUND R2-E	9/13/00	Bromobenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	Bromochloromethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Bromodichloromethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Bromoform	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Bromomethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Cadmium	TR1	0 686	UG/L	0 686	U	1
MOUND R2-E	9/13/00	Cadmium	TR1	0 686	UG/L	0 686	U	1
MOUND R2-E	9/13/00	Calcium	TR1	2740	UG/L	8 32	B	1
MOUND R2-E	9/13/00	Calcium	TR1	2680	UG/L	8 32	B	1
MOUND R2-E	9/13/00	Carbon tetrachloride	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Chloride	TR1	52	MG/L	0 5		V1
MOUND R2-E	9/13/00	Chlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	Chloroethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Chloroform	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Chloromethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Chromium	TR1	0 871	UG/L	0 871	U	1
MOUND R2-E	9/13/00	Chromium	TR1	0 871	UG/L	0 871	U	1
MOUND R2-E	9/13/00	cis-1,2-Dichloroethylene	TR1	0 74	UG/L	0 5		V1
MOUND R2-E	9/13/00	cis-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Cobalt	TR1	0 914	UG/L	0 914	U	1
MOUND R2-E	9/13/00	Cobalt	TR1	0 914	UG/L	0 914	U	1
MOUND R2-E	9/13/00	Copper	TR1	1 63	UG/L	1 63	U	1
MOUND R2-E	9/13/00	Copper	TR1	1 87	UG/L	1 63	B	1
MOUND R2-E	9/13/00	Dibromochloromethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Dibromomethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Dichlorodifluoromethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Ethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	Fluoride	TR1	0 74	MG/L	0 05		V1
MOUND R2-E	9/13/00	Gross Alpha	TR1	0 12	PCI/L	1 78	U	V1
MOUND R2-E	9/13/00	Gross Beta	TR1	-1 22	PCI/L	3 08	U	V1
MOUND R2-E	9/13/00	Hexachlorobutadiene	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Hydrogen	TR1	0 001	MG/L		U	
MOUND R2-E	9/13/00	Hydrogen	TR1	0 001	MG/L		U	
MOUND R2-E	9/13/00	Iron	TR1	9 15	UG/L	8 6	B	UJ1
MOUND R2-E	9/13/00	Iron	TR1	13	UG/L	8 6	B	UJ1
MOUND R2-E	9/13/00	Isopropylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	Lead	TR1	1 38	UG/L	1 38	U	1
MOUND R2-E	9/13/00	Lead	TR1	1 38	UG/L	1 38	U	1
MOUND R2-E	9/13/00	Lithium	TR1	19 4	UG/L	0 01	B	1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND R2-E	9/13/00	Lithium	TR1	19 3	UG/L	0 01	B	1
MOUND R2-E	9/13/00	Magnesium	TR1	16200	UG/L	5 99		1
MOUND R2-E	9/13/00	Magnesium	TR1	15900	UG/L	5 99		1
MOUND R2-E	9/13/00	Manganese	TR1	45 5	UG/L	0 937		1
MOUND R2-E	9/13/00	Manganese	TR1	45 2	UG/L	0 937		1
MOUND R2-E	9/13/00	Mercury	TR1	0 043	UG/L	0 043	U	R1
MOUND R2-E	9/13/00	Mercury	TR1	0 043	UG/L	0 043	U	R1
MOUND R2-E	9/13/00	Methane	TR1	1 5	MG/L			
MOUND R2-E	9/13/00	Methane	TR1	1 5	MG/L			
MOUND R2-E	9/13/00	Methylene chloride	TR1	0 57	UG/L	0 5		V1
MOUND R2-E	9/13/00	Molybdenum	TR1	26 9	UG/L	1 46	B	1
MOUND R2-E	9/13/00	Molybdenum	TR1	26	UG/L	1 46	B	1
MOUND R2-E	9/13/00	Naphthalene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	n-Butylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	Nickel	TR1	1 29	UG/L	1 29	U	1
MOUND R2-E	9/13/00	Nickel	TR1	1 29	UG/L	1 29	U	1
MOUND R2-E	9/13/00	Nitrate/Nitrite as N	TR1	0 08	MG/L	0 05		V1
MOUND R2-E	9/13/00	n-Propylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	Potassium	TR1	1130	UG/L	21 5	B	1
MOUND R2-E	9/13/00	Potassium	TR1	1110	UG/L	21 5	B	1
MOUND R2-E	9/13/00	sec-Butylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	Selenium	TR1	2 14	UG/L	2 14	U	1
MOUND R2-E	9/13/00	Selenium	TR1	2 14	UG/L	2 14	U	1
MOUND R2-E	9/13/00	Silver	TR1	0 935	UG/L	0 935	U	1
MOUND R2-E	9/13/00	Silver	TR1	0 935	UG/L	0 935	U	1
MOUND R2-E	9/13/00	Sodium	TR1	49400	UG/L	12 2		1
MOUND R2-E	9/13/00	Sodium	TR1	48400	UG/L	12 2		1
MOUND R2-E	9/13/00	Strontium	TR1	7 52	UG/L	0 451	B	1
MOUND R2-E	9/13/00	Strontium	TR1	7 39	UG/L	0 451	B	1
MOUND R2-E	9/13/00	Styrene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	Sulfate as SO4	TR1	1	MG/L	1	U	V1
MOUND R2-E	9/13/00	tert-Butylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	Tetrachloroethylene	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Thallium	TR1	2 2	UG/L	2 11	B	UJ1
MOUND R2-E	9/13/00	Thallium	TR1	2 39	UG/L	2 11	B	UJ1
MOUND R2-E	9/13/00	Tin	TR1	3 09	UG/L	3 09	U	1
MOUND R2-E	9/13/00	Tin	TR1	3 09	UG/L	3 09	U	1
MOUND R2-E	9/13/00	Toluene	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	trans-1,2-Dichloroethylene	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	trans-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Trichloroethylene	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Trichlorofluoromethane	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Uranium	TR1	17 9	UG/L	17 9	U	1
MOUND R2-E	9/13/00	Uranium	TR1	17 9	UG/L	17 9	U	1
MOUND R2-E	9/13/00	Vanadium	TR1	1 42	UG/L	1 42	U	1
MOUND R2-E	9/13/00	Vanadium	TR1	1 42	UG/L	1 42	U	1
MOUND R2-E	9/13/00	Vinyl chloride	TR1	0 5	UG/L	0 5	U	V1
MOUND R2-E	9/13/00	Xylenes (total)	TR1	0 5	UG/L	0 5	U	UJ1
MOUND R2-E	9/13/00	Zinc	TR1	2 19	UG/L	2 19	U	J1
MOUND R2-E	9/13/00	Zinc	TR1	2 19	UG/L	2 19	U	J1
MOUND RE-2	10/25/00	1,1,1,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	1,1,1-Trichloroethane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	1,1,2,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	1,1,2-Trichloroethane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	1,1-Dichloroethane	TR1	0 85	UG/L	0 5		1
MOUND RE-2	10/25/00	1,1-Dichloroethylene	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	1,1-Dichloropropene	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	1,2 3-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	1,2,3-Trichloropropane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	1,2,4-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	J1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND RE-2	10/25/00	1,2,4-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	1,2-Dibromo-3-chloropropane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	1,2-Dibromoethane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	1,2-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	1,2-Dichloroethane	TR1	0 28	UG/L	0 5	J	1
MOUND RE-2	10/25/00	1,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	1,3,5-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	1,3-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	1,3-Dichloropropane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	1,4-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	2,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	2-Chlorotoluene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	4-Chlorotoluene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	4-Isopropyltoluene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	Alkalinity, Total as CaCO3	TR1	160	MG/L	5		1
MOUND RE-2	10/25/00	Aluminum	TR1	13 1	UG/L	7 6	B	
MOUND RE-2	10/25/00	Antimony	TR1	2 24	UG/L	2 24	U	
MOUND RE-2	10/25/00	Arsenic	TR1	2 46	UG/L	2 46	U	
MOUND RE-2	10/25/00	Barium	TR1	14 7	UG/L	0 487	B	
MOUND RE-2	10/25/00	Benzene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	Beryllium	TR1	0 212	UG/L	0 212	U	
MOUND RE-2	10/25/00	Bromobenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	Bromochloromethane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Bromodichloromethane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Bromofluorobenzene	TR1	95	%REC			1
MOUND RE-2	10/25/00	Bromoform	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Bromomethane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Cadmium	TR1	0 361	UG/L	0 361	U	
MOUND RE-2	10/25/00	Calcium	TR1	3220	UG/L	8 19	B	
MOUND RE-2	10/25/00	Carbon tetrachloride	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Chloride	TR1	85	MG/L	0 5		1
MOUND RE-2	10/25/00	Chlorobenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	Chloroethane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Chloroform	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Chloromethane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Chromium	TR1	0 697	UG/L	0 697	U	
MOUND RE-2	10/25/00	cis-1,2-Dichloroethylene	TR1	0 69	UG/L	0 5		1
MOUND RE-2	10/25/00	cis-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Cobalt	TR1	0 669	UG/L	0 669	U	
MOUND RE-2	10/25/00	Copper	TR1	1 54	UG/L	1 54	U	
MOUND RE-2	10/25/00	Dibromochloromethane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Dibromofluoromethane	TR1	86	%REC			1
MOUND RE-2	10/25/00	Dibromomethane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Dichlorodifluoromethane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Ethylbenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	Hexachlorobutadiene	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Iron	TR1	7 52	UG/L	2 37	B	
MOUND RE-2	10/25/00	Isopropylbenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	Lead	TR1	2 25	UG/L	2 25	U	
MOUND RE-2	10/25/00	Lithium	TR1	24 6	UG/L	0 076	B	
MOUND RE-2	10/25/00	Magnesium	TR1	23800	UG/L	4 55		
MOUND RE-2	10/25/00	Manganese	TR1	60 1	UG/L	0 477		
MOUND RE-2	10/25/00	Mercury	TR1	0 048	UG/L	0 048	U	
MOUND RE-2	10/25/00	Methylene chloride	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Molybdenum	TR1	27 6	UG/L	1 39	B	
MOUND RE-2	10/25/00	Naphthalene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	n-Butylbenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	Nickel	TR1	1 03	UG/L	1 03	U	
MOUND RE-2	10/25/00	n-Propylbenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	Potassium	TR1	1120	UG/L	0 496	B	

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
MOUND RE-2	10/25/00	sec-Butylbenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	Selenium	TR1	2 37	UG/L	2 37	U	
MOUND RE-2	10/25/00	Silver	TR1	0 618	UG/L	0 618	U	
MOUND RE-2	10/25/00	Sodium	TR1	63800	UG/L	10 6		
MOUND RE-2	10/25/00	Strontium	TR1	8 97	UG/L	0 205	B	
MOUND RE-2	10/25/00	Styrene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	Sulfate as SO4	TR1	1	MG/L	1	U	1
MOUND RE-2	10/25/00	tert-Butylbenzene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	Tetrachloroethylene	TR1	0 33	UG/L	0 5	J	1
MOUND RE-2	10/25/00	Thallium	TR1	3 26	UG/L	3 26	U	
MOUND RE-2	10/25/00	Tin	TR1	2 38	UG/L	2 38	U	
MOUND RE-2	10/25/00	Toluene	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	trans-1,2-Dichloroethylene	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	trans-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Trichloroethylene	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Trichlorofluoromethane	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Uranium	TR1	0 723	UG/L	0 723	U	
MOUND RE-2	10/25/00	Vanadium	TR1	0 455	UG/L	0 455	U	
MOUND RE-2	10/25/00	Vinyl chloride	TR1	0 5	UG/L	0 5	U	1
MOUND RE-2	10/25/00	Xylenes (total)	TR1	0 5	UG/L	0 5	U	J1
MOUND RE-2	10/25/00	Zinc	TR1	2 11	UG/L	0 504	B	

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Appendix B – East Trenches Plume Analytical Data

Appendix B - East Trenches Plume Sampling Data

Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
ET EFFLUENT	8/8/00	1,1,1,2-Tetrachloroethane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	1,1,1-Trichloroethane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	1,1,2,2-Tetrachloroethane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	1,1,2-Trichloroethane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	1,1-Dichloroethane	TR1	1	UG/L	1		V
ET EFFLUENT	8/8/00	1,1-Dichloroethene	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	1,1-dichloropropene	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	1,2,3-Trichlorobenzene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	1,2,3-Trichloropropane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	1,2,4-Trichlorobenzene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	1,2,4-Trimethylbenzene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	1,2-Dibromo-3-chloropropane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	1,2-Dibromoethane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	1,2-Dichlorobenzene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	1,2-Dichloroethane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	1,2-Dichloropropane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	1,3,5-Trimethylbenzene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	1,3-Dichlorobenzene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	1,3-Dichloropropane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	1,4-Dichlorobenzene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	2,2-Dichloropropane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	2-Chlorotoluene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	4-Chlorotoluene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	4-Isopropyltoluene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	Benzene	TR1	0 7	UG/L	1	J	J
ET EFFLUENT	8/8/00	Bromobenzene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	Bromochloromethane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	Bromodichloromethane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	Bromoform	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	Bromomethane	TR1	1	UG/L	1	U	J
ET EFFLUENT	8/8/00	Carbon Tetrachloride	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	Chlorobenzene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	Chloroethane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	Chloroform	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	Chloromethane	TR1	0 1	UG/L	1	J	V
ET EFFLUENT	8/8/00	cis-1,2-dichloroethene	TR1	8	UG/L	1		V
ET EFFLUENT	8/8/00	cis-1,3-Dichloropropene	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	Dibromochloromethane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	Dibromomethane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	Dichlorodifluoromethane	TR1	1	UG/L	1	U	J
ET EFFLUENT	8/8/00	Ethylbenzene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	Hexachlorobutadiene	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	Isopropylbenzene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	Methylene Chloride	TR1	10	UG/L	1	B	J
ET EFFLUENT	8/8/00	Naphthalene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	N-butybenzene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	N-propylbenzene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	Sec-butylbenzene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	Styrene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	Tert-butylbenzene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	Tetrachloroethene	TR1	1	UG/L	1		V
ET EFFLUENT	8/8/00	Toluene	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	8/8/00	Trans-1,2-dichloroethene	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	Trans-1,3-Dichloropropene	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	Trichloroethene	TR1	1	UG/L	1		V
ET EFFLUENT	8/8/00	Trichlorofluoromethane	TR1	1	UG/L	1	U	V
ET EFFLUENT	8/8/00	Vinyl Chloride	TR1	0 5	UG/L	1	J	V
ET EFFLUENT	8/8/00	Xylenes (Total)	TR1	1	UG/L	1	U	UJ
ET EFFLUENT	9/22/00	1,1,1,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	1,1,1-Trichloroethane	TR1	0 5	UG/L	0 5	U	V1

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Appendix B - East Trenches Plume Sampling Data

Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
ET EFFLUENT	9/22/00	1,1,2,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	1,1,2-Trichloroethane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	1,1-Dichloroethane	TR1	1 1	UG/L	0 5		V1
ET EFFLUENT	9/22/00	1,1-Dichloroethylene	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	1,1-Dichloropropene	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	1,2,3-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	1,2,3-Trichloropropane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	1,2,4-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	1,2,4-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	1 2-Dibromo-3-chloropropane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	1,2-Dibromoethane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	1,2-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	1,2-Dichloroethane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	1,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	1,3,5-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	1,3-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	1,3-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	1,4-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	2,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	2-Chlorotoluene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	4-Chlorotoluene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	4-Isopropyltoluene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	Benzene	TR1	0 61	UG/L	0 5		J1
ET EFFLUENT	9/22/00	Bromobenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	Bromochloromethane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	Bromodichloromethane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	Bromoform	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	Bromomethane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	Carbon tetrachloride	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	Chlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	Chloroethane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	Chloroform	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	Chloromethane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	cis-1,2-Dichloroethylene	TR1	5 5	UG/L	0 5		V1
ET EFFLUENT	9/22/00	cis-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	Dibromochloromethane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	Dibromomethane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	Dichlorodifluoromethane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	Ethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	Hexachlorobutadiene	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	Isopropylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	Methylene chloride	TR1	10 5	UG/L	0 5		V1
ET EFFLUENT	9/22/00	Naphthalene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	n-Butylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	n-Propylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	sec-Butylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	Styrene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	tert-Butylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	Tetrachloroethylene	TR1	0 82	UG/L	0 5		V1
ET EFFLUENT	9/22/00	Toluene	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	9/22/00	trans-1,2-Dichloroethylene	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	trans-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	Trichloroethylene	TR1	1 1	UG/L	0 5		V1
ET EFFLUENT	9/22/00	Trichlorofluoromethane	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	Vinyl chloride	TR1	0 5	UG/L	0 5	U	V1
ET EFFLUENT	9/22/00	Xylenes (total)	TR1	0 5	UG/L	0 5	U	UJ1
ET EFFLUENT	10/25/00	1,1,1,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	1,1,1-Trichloroethane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	1,1,2,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	1,1,2-Trichloroethane	TR1	0 5	UG/L	0 5	U	1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
ET EFFLUENT	10/25/00	1,1-Dichloroethane	TR1	1	UG/L	0 5		1
ET EFFLUENT	10/25/00	1,1-Dichloroethylene	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	1,1-Dichloropropene	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	1,2,3-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	1,2,3-Trichloropropane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	1,2,4-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	1,2,4-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	1,2-Dibromo-3-chloropropane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	1,2-Dibromoethane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	1,2-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	1,2-Dichloroethane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	1,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	1,3,5-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	1,3-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	1,3-Dichloropropane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	1,4-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	2,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	2-Chlorotoluene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	4-Chlorotoluene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	4-Isopropyltoluene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	ALKALINITY, TOTAL AS CACO3	TR1	180	MG/L	5		1
ET EFFLUENT	10/25/00	ALKALINITY, TOTAL AS CACO3	TR1	180	MG/L	5		1
ET EFFLUENT	10/25/00	ALKALINITY, TOTAL AS CACO3	TR1	180	MG/L	5		1
ET EFFLUENT	10/25/00	Aluminum	TR1	10	UG/L	7 6	B	
ET EFFLUENT	10/25/00	Antimony	TR1	2 66	UG/L	2 24	B	
ET EFFLUENT	10/25/00	Arsenic	TR1	2 46	UG/L	2 46	U	
ET EFFLUENT	10/25/00	Barium	TR1	4 12	UG/L	0 487	B	
ET EFFLUENT	10/25/00	Benzene	TR1	0 4	UG/L	0 5	J	J1
ET EFFLUENT	10/25/00	Beryllium	TR1	0 212	UG/L	0 212	U	
ET EFFLUENT	10/25/00	Bromobenzene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	Bromochloromethane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	Bromodichloromethane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	Bromoform	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	Bromomethane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	Cadmium	TR1	0 361	UG/L	0 361	U	
ET EFFLUENT	10/25/00	Calcium	TR1	8110	UG/L	8 19		
ET EFFLUENT	10/25/00	Carbon tetrachloride	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	CHLORIDE	TR1	86	MG/L	0 5		1
ET EFFLUENT	10/25/00	CHLORIDE	TR1	86	MG/L	0 5		1
ET EFFLUENT	10/25/00	CHLORIDE	TR1	86	MG/L	0 5		1
ET EFFLUENT	10/25/00	Chlorobenzene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	Chloroethane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	Chloroform	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	Chloromethane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	Chromium	TR1	0 697	UG/L	0 697	U	
ET EFFLUENT	10/25/00	cis-1,2-Dichloroethylene	TR1	5 5	UG/L	0 5		1
ET EFFLUENT	10/25/00	cis-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	Cobalt	TR1	0 669	UG/L	0 669	U	
ET EFFLUENT	10/25/00	Copper	TR1	1 54	UG/L	1 54	U	
ET EFFLUENT	10/25/00	Dibromochloromethane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	Dibromomethane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	Dichlorodifluoromethane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	Ethylbenzene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	Hexachlorobutadiene	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	Iron	TR1	87 8	UG/L	2 37	B	
ET EFFLUENT	10/25/00	Isopropylbenzene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	Lead	TR1	2 25	UG/L	2 25	U	
ET EFFLUENT	10/25/00	Lithium	TR1	15 9	UG/L	0 076	B	
ET EFFLUENT	10/25/00	Magnesium	TR1	16400	UG/L	4 55		
ET EFFLUENT	10/25/00	Manganese	TR1	27 6	UG/L	0 477		

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Appendix B - East Trenches Plume Sampling Data

Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
ET EFFLUENT	10/25/00	Mercury	TR1	0 048	UG/L	0 048	U	
ET EFFLUENT	10/25/00	Methylene chloride	TR1	3 9	UG/L	0 5		1
ET EFFLUENT	10/25/00	Molybdenum	TR1	11 7	UG/L	1 39	B	
ET EFFLUENT	10/25/00	Naphthalene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	n-Butylbenzene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	Nickel	TR1	1 03	UG/L	1 03	U	
ET EFFLUENT	10/25/00	n-Propylbenzene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	Potassium	TR1	1440	UG/L	0 496	B	
ET EFFLUENT	10/25/00	sec-Butylbenzene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	Selenium	TR1	2 43	UG/L	2 37	B	
ET EFFLUENT	10/25/00	Silver	TR1	0 618	UG/L	0 618	U	
ET EFFLUENT	10/25/00	Sodium	TR1	47300	UG/L	10 6		
ET EFFLUENT	10/25/00	Strontium	TR1	10 6	UG/L	0 205	B	
ET EFFLUENT	10/25/00	Styrene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	SULFATE AS SO4	TR1	1	MG/L	1	U	1
ET EFFLUENT	10/25/00	SULFATE AS SO4	TR1	1	MG/L	1	U	1
ET EFFLUENT	10/25/00	SULFATE AS SO4	TR1	1	MG/L	1	U	1
ET EFFLUENT	10/25/00	tert-Butylbenzene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	Tetrachloroethylene	TR1	0 77	UG/L	0 5		1
ET EFFLUENT	10/25/00	Thallium	TR1	3 26	UG/L	3 26	U	
ET EFFLUENT	10/25/00	Tin	TR1	2 38	UG/L	2 38	U	
ET EFFLUENT	10/25/00	Toluene	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	trans-1,2-Dichloroethylene	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	trans-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	Trichloroethylene	TR1	1 8	UG/L	0 5		1
ET EFFLUENT	10/25/00	Trichlorofluoromethane	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	Uranium	TR1	1 09	UG/L	0 723	B	
ET EFFLUENT	10/25/00	Vanadium	TR1	0 455	UG/L	0 455	U	
ET EFFLUENT	10/25/00	Vinyl chloride	TR1	0 5	UG/L	0 5	U	1
ET EFFLUENT	10/25/00	Xylenes (total)	TR1	0 5	UG/L	0 5	U	J1
ET EFFLUENT	10/25/00	Zinc	TR1	1 14	UG/L	0 504	B	
ET INFLUENT	8/8/00	1,1,1,2-Tetrachloroethane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,1,1,2-Tetrachloroethane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	1,1,1-Trichloroethane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,1,1-Trichloroethane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	1,1,2,2-Tetrachloroethane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,1,2,2-Tetrachloroethane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	1,1 2-Trichloroethane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,1,2-Trichloroethane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	1,1-Dichloroethane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,1-Dichloroethane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	1,1-Dichloroethene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,1-Dichloroethene	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	1,1-dichloropropene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,1-dichloropropene	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	1,2,3-Trichlorobenzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,2,3-Trichlorobenzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	1,2,3-Trichloropropane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,2,3-Trichloropropane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	1,2,4-Trichlorobenzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,2,4-Trichlorobenzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	1,2,4-Trimethylbenzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,2,4-Trimethylbenzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	1,2-Dibromo-3-chloropropane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,2-Dibromo-3-chloropropane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	1,2-Dibromoethane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,2-Dibromoethane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	1,2-Dichlorobenzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,2-Dichlorobenzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	1,2-Dichloroethane	DL1	200	UG/L	200	U	

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Appendix B - East Trenches Plume Sampling Data

Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
ET INFLUENT	8/8/00	1,2-Dichloroethane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	1,2-Dichloropropane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,2-Dichloropropane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	1,3,5-Trimethylbenzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,3,5-Trimethylbenzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	1,3-Dichlorobenzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,3-Dichlorobenzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	1,3-Dichloropropane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,3-Dichloropropane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	1,4-Dichlorobenzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	1,4-Dichlorobenzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	2,2-Dichloropropane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	2,2-Dichloropropane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	2-Chlorotoluene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	2-Chlorotoluene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	4-Chlorotoluene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	4-Chlorotoluene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	4-Isopropyltoluene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	4-Isopropyltoluene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	Benzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Benzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	Bromobenzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Bromobenzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	Bromochloromethane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Bromochloromethane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	Bromodichloromethane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Bromodichloromethane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	Bromoform	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Bromoform	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	Bromomethane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Bromomethane	TR1	100	UG/L	100	U	J
ET INFLUENT	8/8/00	Carbon Tetrachloride	DL1	180	UG/L	200	JD	
ET INFLUENT	8/8/00	Carbon Tetrachloride	TR1	190	UG/L	100		V
ET INFLUENT	8/8/00	Chlorobenzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Chlorobenzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	Chloroethane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Chloroethane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	Chloroform	DL1	96	UG/L	200	JD	
ET INFLUENT	8/8/00	Chloroform	TR1	98	UG/L	100	J	J
ET INFLUENT	8/8/00	Chloromethane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Chloromethane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	cis-1,2-dichloroethene	DL1	20	UG/L	200	JD	
ET INFLUENT	8/8/00	cis-1,2-dichloroethene	TR1	26	UG/L	100	J	J
ET INFLUENT	8/8/00	cis-1,3-Dichloropropene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	cis-1,3-Dichloropropene	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	Dibromochloromethane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Dibromochloromethane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	Dibromomethane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Dibromomethane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	Dichlorodifluoromethane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Dichlorodifluoromethane	TR1	100	UG/L	100	U	J
ET INFLUENT	8/8/00	Ethylbenzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Ethylbenzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	Hexachlorobutadiene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Hexachlorobutadiene	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	Isopropylbenzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Isopropylbenzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	Methylene Chloride	DL1	630	UG/L	200	BD	
ET INFLUENT	8/8/00	Methylene Chloride	TR1	330	UG/L	100	B	J
ET INFLUENT	8/8/00	Naphthalene	DL1	200	UG/L	200	U	

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
ET INFLUENT	8/8/00	Naphthalene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	N-butybenzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	N-butybenzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	N-propylbenzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	N-propylbenzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	Sec-butylbenzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Sec-butylbenzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	Styrene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Styrene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	Tert-butylbenzene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Tert-butylbenzene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	Tetrachloroethene	DL1	380	UG/L	200	D	
ET INFLUENT	8/8/00	Tetrachloroethene	TR1	390	UG/L	100		V
ET INFLUENT	8/8/00	Toluene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Toluene	TR1	100	UG/L	100	U	UJ
ET INFLUENT	8/8/00	Trans-1,2-dichloroethene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Trans-1,2-dichloroethene	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	Trans-1,3-Dichloropropene	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Trans-1,3-Dichloropropene	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	Trichloroethene	DL1	2900	UG/L	200	D	V
ET INFLUENT	8/8/00	Trichloroethene	TR1	2900	UG/L	100	E	
ET INFLUENT	8/8/00	Trichlorofluoromethane	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Trichlorofluoromethane	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	Vinyl Chloride	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Vinyl Chloride	TR1	100	UG/L	100	U	V
ET INFLUENT	8/8/00	Xylenes (Total)	DL1	200	UG/L	200	U	
ET INFLUENT	8/8/00	Xylenes (Total)	TR1	100	UG/L	100	U	UJ
ET INFLUENT	9/22/00	1,1,1,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	1,1,1,2-Tetrachloroethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,1,1-Trichloroethane	TR1	8 2	UG/L	0 5		V1
ET INFLUENT	9/22/00	1,1,1-Trichloroethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,1,2,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	1,1 2,2-Tetrachloroethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,1,2-Trichloroethane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	1,1,2-Trichloroethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,1-Dichloroethane	TR1	0 73	UG/L	0 5		V1
ET INFLUENT	9/22/00	1,1-Dichloroethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,1-Dichloroethylene	TR1	5 6	UG/L	0 5		V1
ET INFLUENT	9/22/00	1,1-Dichloroethylene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,1-Dichloropropene	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	1,1-Dichloropropene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,2,3-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	1,2 3-Trichlorobenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,2,3-Trichloropropane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	1,2,3-Trichloropropane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,2,4-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	1,2,4-Trichlorobenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,2,4-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	1,2,4-Trimethylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,2-Dibromo-3-chloropropane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	1,2-Dibromo-3-chloropropane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,2-Dibromoethane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	1,2-Dibromoethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1 2-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	1,2-Dichlorobenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,2-Dichloroethane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	1,2-Dichloroethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	1,2-Dichloropropane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,3,5-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1

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Appendix B - East Trenches Plume Sampling Data

Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
ET INFLUENT	9/22/00	1,3,5-Trimethylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,3-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	1,3-Dichlorobenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,3-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	1,3-Dichloropropane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	1,4-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	1,4-Dichlorobenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	2,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	2,2-Dichloropropane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	2-Chlorotoluene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	2-Chlorotoluene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	4-Chlorotoluene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	4-Chlorotoluene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	4-Isopropyltoluene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	4-Isopropyltoluene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Benzene	TR1	0 34	UG/L	0 5	J	J1
ET INFLUENT	9/22/00	Benzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Bromobenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	Bromobenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Bromochloromethane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	Bromochloromethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Bromodichloromethane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	Bromodichloromethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Bromoform	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	Bromoform	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Bromomethane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	Bromomethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Carbon tetrachloride	TR1	192	UG/L	0 5	E	1
ET INFLUENT	9/22/00	Carbon tetrachloride	TR2	197	UG/L	25	D	V1
ET INFLUENT	9/22/00	Chlorobenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	Chlorobenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Chloroethane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	Chloroethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Chloroform	TR1	96 9	UG/L	0 5		V1
ET INFLUENT	9/22/00	Chloroform	TR2	105	UG/L	25	D	1
ET INFLUENT	9/22/00	Chloromethane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	Chloromethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	cis-1,2-Dichloroethylene	TR1	29 3	UG/L	0 5		V1
ET INFLUENT	9/22/00	cis-1,2-Dichloroethylene	TR2	29 8	UG/L	25	D	1
ET INFLUENT	9/22/00	cis-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	cis-1 3-Dichloropropylene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Dibromochloromethane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	Dibromochloromethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Dibromomethane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	Dibromomethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Dichlorodifluoromethane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	Dichlorodifluoromethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Ethylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	Ethylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Hexachlorobutadiene	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	Hexachlorobutadiene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Isopropylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	Isopropylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Methylene chloride	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	Methylene chloride	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Naphthalene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	Naphthalene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	n-Butylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	n-Butylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	n-Propylbenzene	TR1	0 5	UG/L	0 5	U	UJ1

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Appendix B - East Trenches Plume Sampling Data

Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
ET INFLUENT	9/22/00	n-Propylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	sec-Butylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	sec-Butylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Styrene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	Styrene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	tert-Butylbenzene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	tert-Butylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Tetrachloroethylene	TR1	282	UG/L	0 5	E	1
ET INFLUENT	9/22/00	Tetrachloroethylene	TR2	370	UG/L	25	D	V1
ET INFLUENT	9/22/00	Toluene	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	Toluene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	trans-1,2-Dichloroethylene	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	trans-1,2-Dichloroethylene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	trans-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	trans-1,3-Dichloropropylene	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Trichloroethylene	TR1	961	UG/L	0 5	E	1
ET INFLUENT	9/22/00	Trichloroethylene	TR2	3230	UG/L	25	D	V1
ET INFLUENT	9/22/00	Trichlorofluoromethane	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	Trichlorofluoromethane	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Vinyl chloride	TR1	0 5	UG/L	0 5	U	V1
ET INFLUENT	9/22/00	Vinyl chloride	TR2	25	UG/L	25	U	1
ET INFLUENT	9/22/00	Xylenes (total)	TR1	0 5	UG/L	0 5	U	UJ1
ET INFLUENT	9/22/00	Xylenes (total)	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,1,1,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	1,1,1,2-Tetrachloroethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,1,1-Trichloroethane	TR1	8 9	UG/L	0 5		1
ET INFLUENT	10/25/00	1,1,1-Trichloroethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,1,2,2-Tetrachloroethane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	1,1,2,2-Tetrachloroethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1 1,2-Trichloroethane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	1,1,2-Trichloroethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,1-Dichloroethane	TR1	0 69	UG/L	0 5		1
ET INFLUENT	10/25/00	1,1-Dichloroethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,1-Dichloroethylene	TR1	4 9	UG/L	0 5		1
ET INFLUENT	10/25/00	1,1-Dichloroethylene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1 1-Dichloropropene	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	1,1-Dichloropropene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,2,3-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	1,2,3-Trichlorobenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,2,3-Trichloropropane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	1,2,3-Trichloropropane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,2,4-Trichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	1,2,4-Trichlorobenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,2,4-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	1,2,4-Trimethylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,2-Dibromo-3-chloropropane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	1,2-Dibromo-3-chloropropane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,2-Dibromoethane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	1 2-Dibromoethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,2-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	1,2-Dichlorobenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1 2-Dichloroethane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	1 2-Dichloroethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1 2-Dichloropropane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	1,2-Dichloropropane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,3,5-Trimethylbenzene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	1,3,5-Trimethylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,3-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	1,3-Dichlorobenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,3-Dichloropropane	TR1	0 5	UG/L	0 5	U	1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
ET INFLUENT	10/25/00	1,3-Dichloropropane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	1,4-Dichlorobenzene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	1,4-Dichlorobenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	2,2-Dichloropropane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	2,2-Dichloropropane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	2-Chlorotoluene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	2-Chlorotoluene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	4-Chlorotoluene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	4-Chlorotoluene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	4-Isopropyltoluene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	4-Isopropyltoluene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	ALKALINITY, TOTAL AS CACO3	TR1	330	MG/L	5		1
ET INFLUENT	10/25/00	ALKALINITY, TOTAL AS CACO3	TR1	330	MG/L	5		1
ET INFLUENT	10/25/00	ALKALINITY, TOTAL AS CACO3	TR1	330	MG/L	5		1
ET INFLUENT	10/25/00	Aluminum	TR1	76 5	UG/L	7 6		
ET INFLUENT	10/25/00	Antimony	TR1	2 24	UG/L	2 24	U	
ET INFLUENT	10/25/00	Arsenic	TR1	2 46	UG/L	2 46	U	
ET INFLUENT	10/25/00	Barium	TR1	203	UG/L	0 487		
ET INFLUENT	10/25/00	Benzene	TR1	0 34	UG/L	0 5	J	J1
ET INFLUENT	10/25/00	Benzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Beryllium	TR1	0 212	UG/L	0 212	U	
ET INFLUENT	10/25/00	Bromobenzene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	Bromobenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Bromochloromethane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	Bromochloromethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Bromodichloromethane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	Bromodichloromethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Bromoform	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	Bromoform	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Bromomethane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	Bromomethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Cadmium	TR1	0 361	UG/L	0 361	U	
ET INFLUENT	10/25/00	Calcium	TR1	123000	UG/L	8 19		
ET INFLUENT	10/25/00	Carbon tetrachloride	TR1	208	UG/L	0 5	E	1
ET INFLUENT	10/25/00	Carbon tetrachloride	TR2	138	UG/L	25	D	1
ET INFLUENT	10/25/00	CHLORIDE	TR1	88	MG/L	0 5		1
ET INFLUENT	10/25/00	CHLORIDE	TR1	88	MG/L	0 5		1
ET INFLUENT	10/25/00	CHLORIDE	TR1	88	MG/L	0 5		1
ET INFLUENT	10/25/00	Chlorobenzene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	Chlorobenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Chloroethane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	Chloroethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Chloroform	TR1	103	UG/L	0 5	E	1
ET INFLUENT	10/25/00	Chloroform	TR2	77 7	UG/L	25	D	1
ET INFLUENT	10/25/00	Chloromethane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	Chloromethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Chromium	TR1	0 697	UG/L	0 697	U	
ET INFLUENT	10/25/00	cis-1,2-Dichloroethylene	TR1	26 6	UG/L	0 5		1
ET INFLUENT	10/25/00	cis-1,2-Dichloroethylene	TR2	22 5	UG/L	25	JD	1
ET INFLUENT	10/25/00	cis-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	cis-1,3-Dichloropropylene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Cobalt	TR1	0 669	UG/L	0 669	U	
ET INFLUENT	10/25/00	Copper	TR1	1 54	UG/L	1 54	U	
ET INFLUENT	10/25/00	Dibromochloromethane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	Dibromochloromethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Dibromomethane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	Dibromomethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Dichlorodifluoromethane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	Dichlorodifluoromethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Ethylbenzene	TR1	0 5	UG/L	0 5	U	J1

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Location	Date	Analyte	Result Type	Result	Units	DL or Error	Lab/Val Qualifier	
ET INFLUENT	10/25/00	Ethylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Hexachlorobutadiene	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	Hexachlorobutadiene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Iron	TR1	71 1	UG/L	2 37	B	
ET INFLUENT	10/25/00	Isopropylbenzene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	Isopropylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Lead	TR1	2 25	UG/L	2 25	U	
ET INFLUENT	10/25/00	Lithium	TR1	15 4	UG/L	0 076	B	
ET INFLUENT	10/25/00	Magnesium	TR1	17700	UG/L	4 55		
ET INFLUENT	10/25/00	Manganese	TR1	3 78	UG/L	0 477	B	
ET INFLUENT	10/25/00	Mercury	TR1	0 048	UG/L	0 048	U	
ET INFLUENT	10/25/00	Methylene chloride	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	Methylene chloride	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Molybdenum	TR1	2 36	UG/L	1 39	B	
ET INFLUENT	10/25/00	Naphthalene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	Naphthalene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	n-Butylbenzene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	n-Butylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Nickel	TR1	1 55	UG/L	1 03	B	
ET INFLUENT	10/25/00	n-Propylbenzene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	n-Propylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Potassium	TR1	1480	UG/L	0 496	B	
ET INFLUENT	10/25/00	sec-Butylbenzene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	sec-Butylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Selenium	TR1	2 37	UG/L	2 37	U	
ET INFLUENT	10/25/00	Silver	TR1	0 618	UG/L	0 618	U	
ET INFLUENT	10/25/00	Sodium	TR1	45900	UG/L	10 6		
ET INFLUENT	10/25/00	Strontium	TR1	598	UG/L	0 205		
ET INFLUENT	10/25/00	Styrene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	Styrene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	SULFATE AS SO4	TR1	27	MG/L	1		1
ET INFLUENT	10/25/00	SULFATE AS SO4	TR1	27	MG/L	1		1
ET INFLUENT	10/25/00	SULFATE AS SO4	TR1	27	MG/L	1		1
ET INFLUENT	10/25/00	tert-Butylbenzene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	tert-Butylbenzene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Tetrachloroethylene	TR1	313	UG/L	0 5	E	1
ET INFLUENT	10/25/00	Tetrachloroethylene	TR2	300	UG/L	25	D	1
ET INFLUENT	10/25/00	Thallium	TR1	3 26	UG/L	3 26	U	
ET INFLUENT	10/25/00	Tin	TR1	2 38	UG/L	2 38	U	
ET INFLUENT	10/25/00	Toluene	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	Toluene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	trans-1,2-Dichloroethylene	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	trans-1,2-Dichloroethylene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	trans-1,3-Dichloropropylene	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	trans-1,3-Dichloropropylene	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Trichloroethylene	TR1	911	UG/L	0 5	E	1
ET INFLUENT	10/25/00	Trichloroethylene	TR2	2680	UG/L	25	D	1
ET INFLUENT	10/25/00	Trichlorofluoromethane	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	Trichlorofluoromethane	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Uranium	TR1	9 15	UG/L	0 723	B	
ET INFLUENT	10/25/00	Vanadium	TR1	1 02	UG/L	0 455	B	
ET INFLUENT	10/25/00	Vinyl chloride	TR1	0 5	UG/L	0 5	U	1
ET INFLUENT	10/25/00	Vinyl chloride	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Xylenes (total)	TR1	0 5	UG/L	0 5	U	J1
ET INFLUENT	10/25/00	Xylenes (total)	TR2	25	UG/L	25	U	1
ET INFLUENT	10/25/00	Zinc	TR1	15 3	UG/L	0 504	B	

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