LMS/MNT/S10163

Monticello Mill Tailings Site Operable Unit III Annual Groundwater Report May 2012 Through April 2013

September 2013

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Annual Groundwater Report
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Contents

Abbreviations iv
Executive Summary v
1.0 Introduction 1
1.1 Scope and Objectives 1
2.0 Historical Information 2
2.1 Background Information 2
2.1.1 OU III Administrative History and Response Actions 2
3.0 Site Description 3
3.1 Physical Characteristics 3
3.2 Groundwater Contamination Plume 3
3.3 Hydrogeologic Setting 3
3.3.1 Constructed Wetlands 4
3.3.2 Groundwater Recharge and Discharge 5
3.3.3 Groundwater/Surface Water Interaction 5
3.3.4 Groundwater Use 6
3.3.5 Surface Water Use 6
3.4 Groundwater Remediation Systems 7
3.4.1 Permeable Reactive Barrier 7
3.4.2 Pump-and-Treat Enhancement System 7
3.4.3 Telemetry System 8
3.4.4 Operating Parameters 8
4.0 Water Quality Assessment 9
4.1 Groundwater Contamination Source Removal 9
4.2 Contaminants of Concern and Remediation Goals 9
4.3 Monitoring Schedule, Frequency, and Network 10
4.4 Alluvial Aquifer Water Quality 11
4.4.1 Concentration Trends in the Alluvial Aquifer 13
4.4.2 Plume Expansion in the Alluvial Aquifer 14
4.4.3 PRB and Ex Situ Treatment System Performance 15
4.4.3.1 Effluent Discharge to Surface Water 15
4.5 Burro Canyon Aquifer Water Quality 16
4.6 Surface Water Quality 16
4.6.1 Surface Water Diversion to Irrigation Pond 17
4.7 Concentration Trends in Surface Water and Seeps 17
4.7.1 Groundwater Seeps 18
4.7.1.1 Wetland 3 19
5.0 Hydrologic Monitoring Assessment 19
5.1 Surface Water Flow 19
5.2 Alluvial Aquifer Water Levels 20
5.2.1 Groundwater Mound at the PRB 21
5.3 Burro Canyon Aquifer Water Levels 22
6.0 Groundwater Restoration Assessment 23
6.1 Uranium Trending Compared to Model Prediction 23
6.1.1 ROD-Specific Performance Evaluation 23
6.2 Summary of Restoration Progress 24
7.0 Biomonitoring 25

8.0 Year in Review Summary 26
9.0 References 26

Figures

Figure 1. Location of the Monticello Mill Tailings Site 29
Figure 2. Estimated Uranium Groundwater Plume, 2009 (includes data from special groundwater investigation, April 2009) 30
Figure 3. Reference Map for OU III Water Quality Monitoring Locations 31
Figure 4. Monticello Municipal Wells 32
Figure 5. Distribution of Arsenic in Surface Water and Alluvial Aquifer Groundwater, April 2013 33
Figure 6. Distribution of Manganese in Surface Water and Alluvial Aquifer Groundwater, April 2013 34
Figure 7. Distribution of Molybdenum in Surface Water and Alluvial Aquifer Groundwater, April 2013 35
Figure 8. Distribution of Nitrate (as Nitrogen) in Surface Water and Alluvial Aquifer Groundwater, April 2013 36
Figure 9. Distribution of Selenium in Surface Water and Alluvial Aquifer Groundwater, April 2013 37
Figure 10. Distribution of Uranium in Surface Water and Alluvial Aquifer Groundwater, April 2013 38
Figure 11. Distribution of Vanadium in Surface Water and Alluvial Aquifer Groundwater, April 2013 39
Figure 12. Arsenic Concentration over Time at Selected Alluvial Aquifer Monitoring Wells 41
Figure 13. Manganese Concentration over Time at Selected Alluvial Aquifer Monitoring Wells 42
Figure 14. Molybdenum Concentration over Time at Selected Alluvial Aquifer Monitoring Wells 43
Figure 15. Nitrate (as Nitrogen) Concentration over Time at Selected Alluvial Aquifer Monitoring Wells 44
Figure 16. Selenium Concentration over Time at Selected Alluvial Aquifer Monitoring Wells 45
Figure 17. Uranium Concentration over Time at Selected Alluvial Aquifer Monitoring Wells 46
Figure 18. Vanadium Concentration over Time at Selected Alluvial Aquifer Monitoring Wells 47
Figure 19. Contaminant Concentrations over Time at Sentinel Well 95-03 48
Figure 20. Ex Situ Treatment System Monitoring Results, Iron 49
Figure 21. Ex Situ Treatment System Monitoring Results, pH 50
Figure 22. Selenium Concentration over Time in Montezuma Creek 51
Figure 23. Uranium Concentration over Time in Montezuma Creek 52
Figure 24. Nitrate (as Nitrogen) Concentration over Time at Selected Seep Locations 53
Figure 25. Selenium Concentration over Time at Selected Seep Locations 54
Figure 26. Uranium Concentration over Time at Selected Seep Locations 55
Figure 27. Generalized Gaining and Losing Stream Conditions on Montezuma Creek 57

Figure 28. Water Level Hydrographs for Upgradient Alluvial Wells 59
Figure 29. Water Level Hydrographs for Selected Mill Site Alluvial Wells 60
Figure 30. Water Level Hydrographs for Downgradient Wells 61
Figure 31. Water Level Hydrographs for Wells at PRB 62
Figure 32. Water Table Trends near the PRB 63
Figure 33. Water Level Hydrographs for Alluvial/Burro Canyon Well Pairs 95-01/95-02 and 95-03/95-04 64
Figure 34. Water Level Hydrographs for Selected Burro Canyon Aquifer Wells 65
Figure 35. Aquifer Regions and Monitoring Wells Selected for Concentration Trend Analysis 67
Figure 36. Comparison of Model Prediction to Observed Restoration Progress—Aquifer Regions 1 to 3 69
Figure 37. Comparison of Model Prediction to Observed Restoration Progress—Aquifer Regions 4 and 5 70
Figure 38. Region 1 Uranium Concentration Trends in Groundwater 71
Figure 39. Region 2 Uranium Concentration Trends in Groundwater 72
Figure 40. Region 3 Uranium Concentration Trends in Groundwater 73
Figure 41. Region 4 Uranium Concentration Trends in Groundwater 74
Figure 42. Region 5 Uranium Concentration Trends in Groundwater 75

Tables

Table 1. Contaminants of Concern and Groundwater and Surface Water Remediation Goals 10
Table 2. COC Concentrations in Burro Canyon Groundwater, April and October 2012 16

Appendixes

Appendix A Analytical Results for Alluvial Groundwater Samples, May 2012 Through April 2013
Appendix B Analytical Results for Bedrock Groundwater Samples, May 2012 Through April 2013
Appendix C Analytical Results for Surface Water Samples, May 2012 Through April 2013
Appendix D Monitoring wells Abandoned Since 2000
Appendix E Groundwater Level Data, May 2012 Through April 2013
Appendix F Stream Flow Measurement Results, May 2012 Through April 2013

Plate

Plate 1 MMTS OU III Surface Water and Ground Water Locations Monitored Since January 2000

Abbreviations

CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COC	contaminant of concern
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
ESD	explanation of significant difference
ft	feet
gpm	gallons per minute
Jm	Morrison Formation
Kbc	Burro Canyon Formation
Kd	Dakota Sandstone Formation
LM	Office of Legacy Management
µg/L	micrograms per liter
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MMTS	Monticello Mill Tailings Site
OU	Operable Unit
pCi/L	picocuries per liter
PRB	permeable reactive barrier
ROD	record of decision
SOARS	System Operation and Analysis at Remote Sites
UDEQ	Utah Department of Environmental Quality
UDWQ	Utah Division of Water Quality
UMTRA	Uranium Mill Tailings Remedial Action
WQCS	Water Quality Compliance Strategy
ZVI	zero-valent iron

Executive Summary

This report provides the annual analysis of water quality restoration progress, cumulative through April 2013, for Operable Unit (OU) III, surface water and groundwater, of the U.S. Department of Energy (DOE) Office of Legacy Management Monticello Mill Tailings Site (MMTS). The MMTS is a Comprehensive Environmental Response, Compensation, and Liability Act National Priorities List site located in and near the city of Monticello, San Juan County, Utah.

MMTS comprises the 110-acre site of a former uranium- and vanadium-ore-processing mill (mill site) and 1,700 acres of surrounding private and municipal property. Milling operations generated 2.5 million cubic yards of waste (tailings) from 1942 to 1960. The tailings were impounded at four locations on the mill site. Inorganic constituents in the tailings drained from the impoundments to contaminate local surface water (Montezuma Creek) and groundwater in the underlying alluvial aquifer. Mill tailings dispersed by wind and water also contaminated properties surrounding and downstream of the mill site.

Remedial actions to remove and isolate radiologically contaminated soil, sediment, and debris from the former mill site (OU I) and surrounding properties (OU II) were completed in 1999 with the encapsulation of the wastes in an engineered repository located on DOE property 1 mile south of the former mill site. Contamination of groundwater and surface water remains within OU III at levels that exceed water quality protection standards. DOE implemented monitored natural attenuation with institutional controls as the OU III remedy in 2004. The remedy was modified in 2009 to include a groundwater pump-and-treat enhancement, implemented through an Explanation of Significant Difference (ESD).

Environmental monitoring at OU III consists of twice-yearly (April and October) collection and analysis of hydrologic and water-quality data from an established network of observation wells, seeps, and surface water locations. Monitoring is also conducted monthly at other locations to evaluate performance of the groundwater remediation system. No anomalous findings for OU III were identified for this reporting period; however, restoration of the alluvial aquifer continues to proceed more slowly than predicted and fails to meet performance criteria established in the OU III Record of Decision (June 2004). This recognition led to implementing the ESD in 2009. Although the pump-and-treat enhancement is effective in removing contaminant mass from the groundwater, there is no measurable effect in reducing contaminant concentrations.

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1.0 Introduction

1.1 Scope and Objectives

This report provides the annual analysis of water quality restoration progress, cumulative through April 2013, for Operable Unit (OU) III, surface water and groundwater, of the U.S. Department of Energy (DOE) Office of Legacy Management (LM) Monticello Mill Tailings Site (MMTS). The MMTS is a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) National Priorities List site located in and near the city of Monticello, San Juan County, Utah (Figure 1).

The Record of Decision (ROD) for OU III (DOE 2004a) selected monitored natural attenuation with institutional controls as the OU III remedy. The remedy was modified in 2009 by an Explanation of Significant Difference (ESD; DOE 2009a) to include a groundwater pump-and-treat enhancement. The ROD stipulates environmental monitoring and annual data review to evaluate the progress of the selected remedy in meeting water quality restoration objectives. The ESD was implemented because ROD-specific criteria for restoration progress were not being met by natural attenuation alone.

Environmental monitoring at OU III consists of twice-yearly (April and October) collection and analysis of hydrologic and water-quality data from an established network of observation wells, seeps, and surface water locations. Monitoring is also conducted monthly at other locations to evaluate performance of the groundwater remediation system. The annual groundwater report for 2012 (DOE 2012a) includes the final documentation and data analysis for the OU III biomonitoring task. Biomonitoring was conducted in accordance with the ROD and concluded that selenium in OU III wetlands does not pose unacceptable risk to ecological receptors.

The annual groundwater report for 2012 also presented the results of post-ROD water quality investigations (OU III field investigations, analysis of existing site data, literature reviews, and comparisons to other groundwater contamination sites) that were conducted in accordance with *Monticello Mill Tailings Site Operable Unit III Water Quality Compliance Strategy* (WQCS; DOE 2009b), developed pursuant to the 2009 ESD. The results of the WQCS investigations, complemented by the regular OU III monitoring data, were used to evaluate the likely effectiveness of the OU III remedy in meeting remediation goals (i.e., groundwater standards) at OU III in a reasonable period of time. That section of the 2012 report (Section 9.0) concluded that the restoration potential of the OU III alluvial aquifer is low.

The added content and level of detail provided in Sections 8.0 and 9.0 of the 2012 annual groundwater report departed significantly from previous OU III annual reports. This was done to complete the requirements of the WQCS and thus better understand restoration progress at OU III, and to provide technical support for the fourth CERCLA Five-Year Review for MMTS, also completed in 2012. Because those objectives were met, this report does not repeat the same level of detail for those issues.

2.0 Historical Information

2.1 Background Information

The MMTS was established as a CERCLA National Priorities List site in 1989 (CERCLIS ID Number UT3890090035). It comprises the 110-acre site of a former uranium- and vanadium-ore-processing mill (mill site) and 1,700 acres of surrounding private and municipal property. Ore processing generated 2.5 million cubic yards of tailings, a sandy waste product, during mill operation (1942 to 1960). The tailings were conveyed in slurry form to four impoundments on the mill site. Groundwater and surface water contamination resulted from the leaching of radioactive and other inorganic constituents in the tailings to the underlying alluvial aquifer and to Montezuma Creek. Some mill tailings were dispersed by wind, and some entered Montezuma Creek, which resulted in the contamination of properties surrounding and downstream of the mill site.

2.1.1 OU III Administrative History and Response Actions

The MMTS ROD, signed in August 1990, designated OUs I and II for remediating radiologically contaminated soil, sediment, and debris on the mill site (OU I) and on the peripheral properties (OU II). Those remedial actions were completed during 1998 and 1999. All OU I and II wastes are encapsulated at the engineered repository located on DOE property 1 mile south of the former mill site. The MMTS ROD also designated OU III to address contaminated surface water and groundwater, stipulating that remedy selection would follow the completion of characterization activities through a CERCLA Remedial Investigation and Feasibility Study.

The Remedial Investigation report was issued in September 1998 (DOE 1998a); however, a companion Feasibility Study report was not completed beyond draft status because of ongoing OU I and II remedial actions that would significantly and unpredictably impact the groundwater and surface water setting. This condition precluded an accurate assessment of risk associated with groundwater and surface water exposure, thereby deferring selection of the OU III remedy. The U.S. Environmental Protection Agency (EPA) and the Utah Department of Environmental Quality (UDEQ) instead concurred with DOE to implement interim remedial actions (DOE 1998b) and to complete the Feasibility Study when site conditions had stabilized.

Interim actions included implementing institutional controls to restrict use of contaminated groundwater, continuation of comprehensive water quality and hydrologic monitoring, additional characterization of contaminant fate and transport in OU III groundwater and surface water, and a treatability study of in situ permeable reactive barrier (PRB) technology using zero-valent iron (ZVI) as the treatment medium. Interim actions also included updating the conceptual and numerical groundwater model and the human health and ecological risk assessments. Interim remedial action findings documented in the Remedial Investigation Addendum for OU III (DOE 2004b) were critical in selecting the OU III remedy.

In addition to selecting the OU III remedy (monitored natural attenuation with institutional controls), the ROD provided specific criteria to evaluate performance of that remedy by comparing observed trends in uranium concentration over time at selected monitoring wells to those predicted by the OU III groundwater model (see Section 6.0 of this report). DOE first recognized in 2006 (DOE 2006a), and later confirmed in 2007 (DOE 2007) using a different test method, that aquifer restoration progress was not meeting the performance criteria. DOE had

also recognized earlier that the effectiveness of the PRB in treating the groundwater was significantly diminished due to mineral fouling. This occurrence prompted DOE to install an ex situ pump-and-treat system using ZVI near the PRB in 2005 to further evaluate remediation alternatives and to alleviate groundwater mounding upgradient of the PRB. The ex situ system was operated as a technology demonstration project through March 2009.

In March 2009, DOE, EPA, and UDEQ concurred in the ESD to implement a contingency remedy that included pump-and-treat technology for OU III. The ESD formalized the existing pump-and-treat groundwater remediation system as an OU III remedy component. The pump-and-treat system has operated in that capacity since that time. No further remedial response actions have been implemented to date.

3.0 Site Description

3.1 Physical Characteristics

The MMTS is located in rural San Juan County at an elevation of approximately 7,000 feet (ft), near and within the city of Monticello in southeastern Utah. According to the 2000 U.S. Census, the population of Monticello is about 2,100 residents. The MMTS occupies the valley of Montezuma Creek, a small stream that flows eastward from its origins in the Abajo Mountains, which rise to 11,000 ft about 5 miles west of the site. The climate is semiarid with four distinct seasons. Average annual precipitation is 15 inches (WRCC 2012), most of which occurs during late summer and early fall storms. Native woody vegetation is dominated by scrub oak, piñon/juniper, sagebrush, and rabbitbrush. Phreatophytes inhabit much of the riparian zone of Montezuma Creek. The mill site was restored with native and adapted grasses and forbs in 2000 and is designated and maintained as an open-space public park. Land use to about 1 mile east of the mill site is agricultural and sparse residential. The valley then transitions eastward to a rugged, undeveloped canyon.

3.2 Groundwater Contamination Plume

Figure 2 depicts the uranium contamination plume in OU III groundwater and is based on recent monitoring data. Uranium is the primary groundwater contaminant of concern (COC) in OU III because (1) compared to other site COCs, it is most widely distributed at higher concentration relative to the corresponding restoration goal, and (2) it is the primary contributor to potential risk to human health by way of the groundwater ingestion pathway. For these reasons, uranium is the focus of the aquifer restoration in this report. Contaminant source removal is presented in Section 4.0.

3.3 Hydrogeologic Setting

The valley of Montezuma Creek is underlain by a shallow, thin aquifer composed of alluvial sand and gravel (alluvial aquifer). These granular materials are overlain by about 5 ft of flat-lying, fine-textured floodplain deposits. Bedrock beneath the valley floor is generally within 10 to 15 ft of ground surface, and the saturated thickness of the alluvial aquifer averages about 5 ft. Groundwater flow is west to east following the slope of the valley. Where contaminated, the alluvial aquifer is underlain by low-permeability, variably saturated bedrock of the Dakota

Sandstone Formation. Contamination in the alluvial aquifer does not migrate into the Dakota Sandstone or into the underlying sandstone aquifer of the Burro Canyon Formation in detectable quantities.

Montezuma Creek forms at the confluence of North and South Creeks about 0.25 mile upstream of the mill site (see Plate 1 for locations of North and South Creeks). Natural flow in Montezuma Creek is interrupted by the municipal reservoir (Loyds Lake; 3,500 acre-feet capacity [UDWQ 2012]) located on South Creek about 0.5 mile upstream of the mill site, and by municipal diversions from North Creek in the Abajo Mountains. Leakage through the reservoir dam is an important source of base-flow in Montezuma Creek and locally recharges the alluvial aquifer. Leakage from North Creek is also a likely source of aquifer recharge west of the former mill site. Montezuma Creek is often dry at the western boundary of the mill site but seasonally or in relatively wet years will gain 100 gallons per minute (gpm) or more from groundwater discharge in the mill site reach. During normal water years, maximum base flow in Montezuma Creek is typically less than about 200 gpm (approximately 0.5 cubic foot per second). Flow in Montezuma Creek is ephemeral in some reaches has been occasionally dry throughout OU III for extended periods (weeks to months) in recent drought years. Additional information regarding stream/aquifer interaction is provided in Section 5.1.

To accommodate placement of the tailings during mill operation, the eastern reach of Montezuma Creek on the mill site was rerouted 200 to 300 ft south of its natural course in the center of the valley. The new channel was about 25 ft above the natural course at the eastern boundary of the mill site and extended several hundred feet farther east. In an early effort to stabilize the site after milling ceased, an energy dissipater was constructed at that location to prevent headward erosion by the creek into the tailings areas. This structure was removed during later remedial actions, and Montezuma Creek was then restored to its natural position.

Remediation of the mill site required the removal of native alluvium to bedrock over large areas. This temporarily exposed deposits of siltstone, shale, and low-grade coal that compose the middle section of the Dakota Sandstone. Following remediation, the aquifer was reconstructed by placing uncontaminated sand and gravel in a narrow (30 to 40 ft wide) and thin (several feet thick) meandering corridor in the channel of Montezuma Creek. Common fill was then placed over the granular material to form a channel several feet wide to contain the creek. To accommodate the gradient of the restored creek, this corridor was excavated several feet into bedrock in the eastern reach of the mill site. The current creek alignment occupies the central, lowest portion of the valley.

3.3.1 Constructed Wetlands

As part of the restoration of the former mill site, three wetlands were designed and created to provide wildlife habitat (Wetlands 1, 2, and 3; see Figure 3 for wetland locations). Creek water enters each wetland through an infiltration gallery constructed of cobbles and boulders built into the upstream banks. The wetlands were excavated into bedrock and fully penetrate the alluvial aquifer. Groundwater discharge from the alluvial aquifer therefore also contributes water to the wetlands as bank seepage. The eastern base of Wetland 3 rests on native alluvium, which allows some leakage from the wetland to the alluvial aquifer. Downstream outlets connect each wetland to Montezuma Creek.

3.3.2 Groundwater Recharge and Discharge

The alluvial aquifer within the confines of the former mill site is recharged by groundwater underflow from the west and by anthropogenic sources along the north margin of the valley, evident as a seep zone. Underflow from the west originates as leakage from the Loyds Lake dam and as leakage from North and South Creeks. Underflow from the west may be on the order of 10 gpm. Montezuma Creek is gaining through the mill site reach; in wet years often by as much as 100 gpm. This quantity of water presumably originates from the recharge source along the north margin of the valley. It is expected that this recharge varies annually and seasonally depending on irrigation practices on private properties above the valley. Also, leakage from municipal water lines (wastewater and irrigation supply) is suspected to contribute to this recharge source. Water budget estimates for flow volumes are provided in the Remedial Investigation Addendum for OU III (DOE 2004b).

Aquifer recharge from precipitation is probably insignificant throughout OU III because potential evapotranspiration significantly exceeds precipitation. Aquifer recharge by agricultural irrigation is probably similarly limited. There are no significant sources of recharge to the alluvial aquifer from along the valley margins for a distance of about 0.5 mile east of the mill site where the Burro Canyon sandstone aquifer is incised by Montezuma Creek and discharges directly to the alluvial aquifer and to the creek. Dense growths of phreatophytes in the riparian zone of Montezuma Creek likely consume significant quantities of groundwater during growing seasons.

3.3.3 Groundwater/Surface Water Interaction

Gaining and losing reaches of Montezuma Creek are observed but may represent no net loss or gain from the alluvial aquifer until the portion of the canyon is reached where the Burro Canyon aquifer is incised and discharges groundwater. In the agricultural area east of the mill site, a losing-stream condition prevails. A gaining-stream condition resumes as a result of alluvial aquifer discharge within about 2,000 to 2,500 ft east of the mill site in the area of monitoring wells 82-08, P92-06, and 0200 (see Figure 3 for well locations and Figure 27 for depiction of OU III aquifer/stream interaction).

Farther east, at the head of the canyon, the alluvial aquifer narrows to about 100 ft and remains thin. This constriction forces alluvial aquifer groundwater into Montezuma Creek. Also in this reach, the Dakota Sandstone aquitard has been eroded by the creek, allowing groundwater in the Burro Canyon aquifer to discharge upward into the overlying alluvium and to Montezuma Creek. This discharge of Burro Canyon groundwater dilutes the alluvial groundwater and displaces alluvial groundwater to Montezuma Creek, thus forming a natural hydrologic boundary for eastward expansion of the contaminant plume (the approximate location of the contact between the Dakota Sandstone Formation [Kd] and sandstone of the Burro Canyon Formation [Kbc] in the valley floor is indicated in Figure 3).

The canyon then remains narrow for nearly 1 mile east through which the Burro Canyon sandstone is fully incised (the total thickness of the Burro Canyon Formation is approximately 120 ft in this area). Numerous seeps near the base of the canyon walls in this reach attest to groundwater discharge from the Burro Canyon aquifer. The canyon then widens, coincident with the transition to slope-forming mudstones of the Morrison Formation as the upper bedrock (the approximate location of the contact between the Burro Canyon sandstone [Kbc] and Morrison

Formation [Jm] in the valley floor is indicated in Figure 3). At the downstream boundary of OU III (see Figure 1), the alluvial aquifer pinches out entirely in rugged canyon terrain. All alluvial groundwater presumably discharges to the creek by this point or is absorbed into the bedrock formation (Jm).

3.3.4 Groundwater Use

UDEQ classifies alluvial aquifer groundwater within OU III as Class II, Drinking Water Quality Groundwater; however, there is no current or historical use of the alluvial aquifer for human consumption, irrigation, or livestock watering. The potential to develop the alluvial aquifer for these purposes is low because the saturated zone is thin and generally low-yielding. Local private and municipal wells tap the Burro Canyon aquifer. Municipal water is readily available to residences within OU III.

The City of Monticello has historically distributed water from the Burro Canyon aquifer for nondomestic purposes (municipal and residential irrigation), but since 2002 the City augments the domestic supply with Burro Canyon groundwater. Pumping records obtained from the City indicate that the 10 municipal extraction wells, distributed within a 1-mile radius of the town center, sustained a combined pumping rate of approximately 350 gpm over periods of several months during 2002. This radius encompasses the former mill site; however, no city well is located within the valley of Montezuma Creek where the Burro Canyon aquifer is overlain by a contaminated portion of the alluvial aquifer. The city wells are isolated from OU III groundwater contamination by vertical and lateral distance to the contaminant plume and by the presence of the intervening Dakota Sandstone aquitard (see Figure 4 for locations of the municipal wells).

The primary source of domestic-use water for Monticello area residents continues to be surface runoff from the watershed of North Creek in the Abajo Mountains. Diversion systems in the mountains route the water to the municipal water treatment plant located on North Creek about 1.5 miles northwest (upstream) of the mill site. Historical MMTS activities and present day conditions in OU III have had no impact on the municipal water system.

3.3.5 Surface Water Use

Surface water in the segment of Montezuma Creek within OU III is protected by the State of Utah for domestic use with prior treatment (Class 1C), secondary contact recreation (Class 2B), warm water aquatic life (Class 3B), and agricultural use (Class 4). There is no known use of Montezuma Creek water for human consumption. The creek has insufficient water for boating and swimming and does not support fish. Montezuma Creek is used for limited crop irrigation; water is diverted from the creek near the center of the mill site to irrigate crops on private land immediately downstream of the mill site, and creek water is diverted for crop and pasture irrigation about 1 mile east of the mill site. The creek is accessible for livestock watering at many locations in OU III. Upgradient of the mill site, water retained in the municipal reservoir (Loyds Lake; see Plate 1 for location) is used for residential irrigation and for domestic use with prior treatment at the municipal treatment facility.

3.4 Groundwater Remediation Systems

3.4.1 Permeable Reactive Barrier

The PRB is a subsurface treatment system that was installed to immobilize uranium and other site contaminants as groundwater flows through the reactive media. It was installed in June 1999 on private property about 750 ft east of the former mill site. The PRB measures 103 ft long, north to south (perpendicular to flow), by about 13 ft deep by 8 ft wide (parallel to flow) and is constructed of two treatment zones. The first treatment zone is 2 ft wide and consists of crushed gravel and 13 percent ZVI by volume. The second zone is 4 ft wide and consists entirely of ZVI. A third zone, 2 ft wide and consisting entirely of crushed gravel, distributes the treated water to the aquifer. The ZVI consists of granular (very coarse sand size) iron filings generated as a manufacturing by-product.

The PRB is keyed 1 to 2 ft into low-permeability mudstone bedrock. Low-permeability subsurface slurry walls constructed of bentonite-amended soil extend north and south from the PRB to divert groundwater to the treatment zones. The north slurry wall is 97 ft long; the south slurry wall is 240 ft long. Each is about 15 ft tall, 3 to 4 ft wide, and keyed into bedrock. The top of the slurry wall excavations were backfilled with native soil to restore the land surface to its original contour.

The slurry walls do not fully extend to the margins of the aquifer, so some contaminated groundwater bypasses treatment. This condition was recognized immediately following installation of the PRB and was confirmed in the April 2009 groundwater investigation (DOE 2009c). The bypass zone at the end of the south slurry wall is less than about 40 ft wide with a saturated thickness of about 1 ft. The bypass zone at the end of the north slurry is probably of similar dimensions.

Groundwater flow through the PRB was estimated after 2 years of operation to be about 10 gpm; however, field and laboratory studies have revealed a progressive loss of hydraulic conductivity of the ZVI by several orders of magnitude since installation (see DOE 2005 and 2006b). The loss in hydraulic conductivity is attributed to the precipitation of calcium carbonate and iron oxide minerals. This has greatly reduced the capacity of the PRB to transmit groundwater, and given the magnitude of hydraulic conductivity loss, the present total rate of groundwater flow through the PRB may be less than 1 gpm.

Loss in conductivity has also contributed to groundwater mounding immediately upgradient of the PRB. A portion of this mounding, totaling about 5 to 8 ft, is also attributed to a suspected low-conductivity zone at the alluvium/PRB interface that may be present as a skin-effect or smear zone created during PRB construction. The magnitude of groundwater mounding is addressed further in Section 5.2.1. Water quality and water level monitoring at selected wells within and adjacent to the PRB continues as part of the routine, semiannual OU III monitoring program.

3.4.2 Pump-and-Treat Enhancement System

An ex situ, ZVI-based groundwater treatment system was installed in June 2005 and expanded in March 2007 as a technology demonstration alternative to the PRB. DOE has operated the system since 2009, as directed by the ESD, as part of the contingency remedy to enhance natural

attenuation. The ex situ system is operated by pumping groundwater through two cylindrical concrete cells that contain the treatment media (ZVI/gravel mixtures). The base of each cell is constructed of concrete. Each cell, serviceable from ground surface, measures 6 ft in diameter by 6 ft in depth and is set vertically approximately 4.5 ft into the ground.

Groundwater is extracted at a well located in the groundwater mound upgradient of the PRB (well EW-1 in Figure 3, PRB inset) and is pumped upward, in parallel, through the cells. A third vault (rectangular in outline; see Figure 3, PRB inset) houses monitoring and control devices. The system is designed to discharge treated water to Montezuma Creek through an outfall pipe and to the aquifer by way of an infiltration trench located downgradient of the PRB.

The treatment system is presently limited to 10 gpm, the maximum discharge rate to Montezuma Creek allowed by the Utah Division of Water Quality (UDWQ) (see also Section 3.4.4). Each treatment cell can effectively remove uranium at an inflow rate of 4 to 5 gpm for about 1 year. The infiltration trench originally had the capacity to discharge about 4 gpm of treated water to the aquifer; however, it is not presently used because suspected fouling by iron residue has reduced this capacity.

3.4.3 Telemetry System

The treatment system includes equipment to monitor influent pressure to each treatment cell, flow rate through each treatment cell, discharge rate to Montezuma Creek, and water levels in the extraction well, treatment cells, and infiltration trench. Data are collected at closely spaced time intervals (usually every 2 hours) and downloaded (usually every day) via cellular telephone service to the LM System Operation and Analysis at Remote Sites (SOARS) administered in Grand Junction, Colorado. Monitoring data are available for remote real-time and historical viewing and processing. The components of the automated data collection, transmission, and display system are collectively referred to as the telemetry system.

Each treatment cell is instrumented to prevent overfilling. Automated alarms are transmitted by cellular telephone to SOARS when the well pump is deactivated or fails, when an overfill prevention sensor is triggered, or when there is a power failure. The water level in the infiltration trench can be monitored and regulated to prevent groundwater saturation at the land surface. The telemetry system allows for remote activation and deactivation of the pump in the extraction well (EW-1). Flow rate adjustments are performed manually in the field.

3.4.4 Operating Parameters

The treatment system is currently operated to maximize the rate of groundwater treatment within the established allowances for discharging the effluent to Montezuma Creek. These allowances are as follows:

- The maximum discharge rate of treated water to Montezuma Creek is 10 gpm.
- Treated water discharged to the creek is not to exceed 45.4 milligrams per liter (mg/L) total iron and is to have a pH of not less than 6.5 and not greater than 9.0.

The discharge allowances to Montezuma Creek were negotiated among DOE, EPA, UDEQ, and UDWQ personnel in May 2008. These allowances are based on the Utah standard for acute iron toxicity to aquatic wildlife (1 mg/L) and the in-stream standard for pH for all water-use

categories. The default perennial flow rate for the receiving surface water (Montezuma Creek) is 2 cubic ft per second, as communicated by UDWQ.

Water samples are collected monthly at influent and effluent locations to monitor the performance of the treatment system in removing uranium and to monitor compliance with the pH and iron discharge allowances. The monitoring data are also used to determine when media change-out is needed and for estimating the mass of uranium removed from the aquifer. The telemetry system monitors flow rates to ensure compliance with the discharge allowance, to recognize abnormal operating conditions, and to monitor the volume of groundwater treated.

Additional descriptions of the operating parameters, performance monitoring, media change-out criteria, and reporting requirements are provided in the treatment system operating plan that was issued in December 2009 under Program Directive MNT-2010-02.

Past performance of the treatment system indicates that the treatment cell media needs to be replaced about every year, which is equivalent to a total of about 4 million gallons water being treated annually.

4.0 Water Quality Assessment

4.1 Groundwater Contamination Source Removal

OU I remedial actions, completed in 1999, removed the primary source of groundwater and surface water contamination (mill tailings). All large-scale construction activities associated with OU I remediation and restoration that would impact the groundwater/surface water setting were completed by 2001; therefore, much of the current discussion regarding OU III water quality focuses on the period since tailings removal (or source removal) and site restoration. Source removal resulted in reducing uranium concentrations on the mill site and in portions of Region 3, located immediately downgradient of the mill site, from as much as 7,000 micrograms per liter (µg/L) to approximately 1,000 µg/L (aquifer region designations are described and depicted in Section 6.2).

4.2 Contaminants of Concern and Remediation Goals

COCs for OU III surface water and groundwater are arsenic, manganese, molybdenum, nitrate, selenium, uranium, vanadium, and gross alpha and gross beta activity. Table 1 lists the remediation goals for these constituents in groundwater and surface water. The groundwater goals correspond to either a maximum contaminant level as established by EPA, a maximum concentration limit from the Uranium Mill Tailings Remedial Action (UMTRA) Project, or a value derived from the OU III human health risk assessment (DOE 1998a), as indicated in the table.

Surface water remediation goals correspond to water quality standards established by the State of Utah. When the OU III ROD became effective, there was no standard for uranium in surface water; however, Utah has since adopted 30 picocuries per liter (pCi/L) as the standard for domestic-use surface water (Class 1C). This standard was accepted as an OU III remediation goal under the ESD. Gross beta activity has no remediation goal because there is no activity-

based standard for this constituent among the applicable or relevant and appropriate requirements for OU III, and risk factors to derive a risk-based goal are isotope-specific.

Analyses to determine activity concentrations of uranium-234 and uranium-238 in groundwater and surface water were discontinued in 2006 in concurrence with EPA and UDEQ. The metal toxicity remediation goal for groundwater (30 µg/L), based on mass concentration, converts to approximately 20 pCi/L as uranium-234 plus uranium-238 and so is more stringent than the radiation activity-based goal of 30 pCi/L. If uranium concentrations attenuate during aquifer restoration and approach the mass-concentration goal, sample analysis may then include uranium-234 and uranium-238 to confirm that the activity-based goal is also achieved. The 30 pCi/L Utah surface water standard converts to approximately 44 µg/L. Analyses for gross alpha and gross beta activity were also discontinued in 2006 with concurrence from EPA and UDEQ.

Table 1. Contaminants of Concern and Groundwater and Surface Water Remediation Goals

COC[a]	OU III Groundwater Remediation Goals[a,b]	Surface Water Remediation Goals[a,c]
Arsenic	10 µg/L[d]	10 µg/L
Manganese	880 µg/L[e]	-------
Molybdenum	100 µg/L[f]	-------
Nitrate (as nitrogen)	10,000 µg/L[d]	4,000 µg/L
Selenium	50 µg/L[d]	5 µg/L
Uranium—metal toxicity	30 µg/L[d]	-------
Vanadium	330 µg/L[e]	-------
Uranium-234/238—radiological dose	30 pCi/L[f]	30 pCi/L[c]
Gross alpha activity	15 pCi/L[d,g]	15 pCi/L[h]
Gross beta activity	-----	-----

[a] Source: DOE 2004b.
[b] µg/L = micrograms per liter; pCi/L = picocuries per liter.
[c] State of Utah standard for surface water; Utah uranium standard post-dates OU III ROD.
[d] EPA maximum contaminant level.
[e] Based on OU III human health risk assessment.
[f] UMTRA maximum concentration limit.
[g] Excluding uranium and radon.
[h] Excluding uranium and radon for MMTS OU III.

4.3 Monitoring Schedule, Frequency, and Network

OU III groundwater and surface water samples are collected for analysis of COCs and other geochemical parameters in April and October of each year. Water quality results for the current review period (May 2012 through April 2013) are tabulated in Appendixes A, B, and C for alluvial aquifer, bedrock aquifer, and surface water monitoring, respectively. Figure 3 shows the monitoring locations in the current monitoring network. This network is a subset of all locations monitored since January 2000: locations have changed as a consequence of revised data objectives or changing field conditions as the project has progressed (see Plate 1 for all locations that have been monitored on one or more occasions since January 2000 and Appendix D for monitoring wells decommissioned since that time).

Sampling conducted in October is more comprehensive than that conducted in April; in April, several alluvial wells located beyond the extent of contamination and several bedrock wells are

omitted from sample collection. Excluding the PRB, water quality monitoring of the alluvial aquifer is conducted at 37 locations in October and at 27 locations in April. Three monitoring wells (83-70, 92-10, and 93-01) completed in the Burro Canyon aquifer are sampled in October only. Three other bedrock wells (93-205, 95-06, 95-07) completed in the Burro Canyon aquifer but at greater distance from the area of groundwater contamination are sampled every 5 years, as of October 2005.

Water quality monitoring within the PRB presently occurs at four locations (R3-M2, R3-M3, R4-M3, R4-M6) during the October and April events. Numerous other wells within the PRB were routinely sampled during earlier years of PRB operation. Water quality monitoring is conducted in October and April each year at 10 locations in Montezuma Creek, at five locations of groundwater seeps, and at two locations in Wetland 3.

Hydrologic monitoring, conducted concurrently with semiannual water quality sampling, consists of water level measurement at all monitoring wells, measurement of flow in Montezuma Creek at established stations, and visual inspection of known groundwater seeps. Appendix E contains the water level data collected in the current period of review. Appendix F contains tabulated results of stream flow measured in the current review period. Water level and stream flow monitoring locations (stream flow sites generally coincide with water quality sampling locations on Montezuma Creek) are provided on Plate 1 and Figure 3, or are described in the text. Water level and stream flow data collected since 2000 are available on request or may be accessed in the previous annual reports.

4.4 Alluvial Aquifer Water Quality

Figure 5 through Figure 11 illustrate the current extent of contamination in the alluvial aquifer for arsenic, manganese, molybdenum, nitrate (as nitrogen), selenium, uranium, and vanadium, respectively. Posted results are from April 2013 and October 2012 (monitoring results from October 2012 are asterisked). Symbol coding identifies sample type (circles for groundwater and squares for surface water) and whether the remediation goal for the respective COC was exceeded (filled symbol) or not (open symbol) at the given location. Contaminant concentrations at the surface water and seep locations shown in Figure 5 through Figure 11 are addressed in Sections 4.6 and 4.7.

In the past year, each COC except molybdenum and nitrate were present in alluvial groundwater at one or more location at a concentration that exceeded the respective remediation goal. Current monitoring data indicate that, except for uranium, there is generally only minor contamination by COCs with respect to spatial distribution and magnitude relative to remediation goals. Concentrations typically do not exceed the remediation goal by more than a factor of 2, and contamination is generally limited to the small area between the former mill site and the PRB. Current review period contaminant distributions are described as follows (concentration trending in alluvial groundwater is presented in Section 4.4.1).

<u>Arsenic</u>
Arsenic contamination occurred between the eastern part of the mill site and the PRB; the maximum concentration (20 µg/L at location T01-02; Figure 5) is only twice the remediation goal. Persistent but localized arsenic contamination remains at low levels in groundwater at the east end of the former mill site.

Manganese

Manganese contamination exceeding the remediation goal occurred at five locations in the western half of the mill site and at one location immediately downgradient of the PRB (Figure 6). This is a recurrent distribution of manganese contamination since contaminant source removal at OU III, although the occurrence of manganese contamination in the western half of the mill site is temporally variable: some years, manganese contamination in this area is limited to fewer locations. The single occurrence of manganese contamination downgradient of the mill site is immediately downgradient of the PRB (1,100 µg/L at well R6-M3; the remediation goal is 880 µg/L). This frequent occurrence is attributed to ZVI corrosion within the PRB during its early operation (see also Section 4.4.3). Manganese contamination is otherwise absent downgradient of the mill site.

Molybdenum

Molybdenum contamination since surface remediation of the mill site was completed in 1999 has been limited to a small area of the aquifer at the south end of the PRB slurry wall. The maximum concentration observed (140 µg/L at PW-17, October 2005 and 2011) since 1999 only slightly exceeded the remediation goal (100 µg/L). Molybdenum concentrations did not exceed the remediation goal at any location for the April 2013 sampling event (Figure 7).

Nitrate

Nitrate contamination since the completion of mill site remediation has been limited to four or fewer locations along the north side of the aquifer on and immediately downgradient of the former mill site. Occasional nitrate contamination at low levels in this area likely originates from livestock feedlots present along the north margin of the valley. Nitrate concentrations did not exceed the remediation goal at any location for the April 2013 sampling event (Figure 7).

Selenium

Selenium contamination is present at several locations near and downgradient of the PRB (see Figure 9). The maximum concentration measured in April 2013 (74 µg/L at monitoring well 0200) is less than twice the remediation goal (50 µg/L). Minor and variable selenium contamination observed in this area is attributed to naturally occurring selenium in shale deposits of the Dakota Sandstone disturbed on the mill site during OU I remedial actions.

Uranium

Uranium remains the most widespread contaminant in groundwater, extending about 0.75 mile (4,000 ft) downgradient of the mill site, with concentrations that are greater than 10 times the remediation goal at many locations (see Figure 10). The highest concentrations (about 1,000 µg/L) are present in the region of the aquifer that extends from the eastern boundary of the mill site to the PRB. Uranium distribution and hydrogeologic conditions of this area were studied in detail in April 2009 and reported in the annual groundwater report submitted in October 2009 (DOE 2009c).

Vanadium

Vanadium contamination in recent years has generally been limited to one or two locations near the eastern boundary of the mill site at concentrations that only marginally exceed the remediation goal of 330 µg/L. Concentrations during the review period were below

the remediation goal at all locations except well 92-11 (380 µg/L) and well T01-02 (340 µg/L) (Figure 11).

4.4.1 Concentration Trends in the Alluvial Aquifer

Figure 12 through Figure 18 illustrate the concentrations of arsenic, manganese, molybdenum, nitrate (as nitrogen), selenium, uranium, and vanadium, respectively, as they vary over time at selected monitoring wells located along the west-to-east axis of the groundwater plume. These wells are considered to represent contaminant concentrations through the entire extent of the groundwater plume parallel to groundwater flow. Ordering of the wells in the legend of these figures is from west (upgradient) to east (downgradient). Monitoring data since 1992 are included in the figures to show the effect of mill site cleanup (source removal), evident at many locations by the sharp decrease in the concentration of many COCs in 1998 and 1999, after the tailings were removed.

Arsenic

In Figure 12, arsenic concentrations are shown to have remained relatively stable since source removal (no significant increasing or decreasing trends are apparent). At the few locations where arsenic contamination remains in the groundwater, concentrations are less than twice the remediation goal.

Manganese

Figure 13 shows that manganese concentrations at most wells remain below the remediation goal. Manganese concentrations at well 92-11, located several hundred feet downgradient of the former mill site, show a steep decline to levels below the remediation goal following source removal. Concentrations at that location prior to source removal were erratic and often exceeded the remediation goal by a factor of 4 to 5. At well T01-19, a location where the manganese concentration consistently exceeds the remediation goal (see Figure 6 for current manganese distribution), upward or downward trending has not been evident since monitoring began at that location in 2001, with concentrations ranging between about 4,000 and 9,000 µg/L, or about 4.5 to 10 times the restoration goal of 880 µg/L.

Molybdenum

Molybdenum concentrations clearly show the effect of source removal (Figure 14) followed by subtle downward trends. Molybdenum desorption from aquifer solids to concentrations less than the remediation goal was shown in OU III column studies to be relatively rapid (DOE 2001). Molybdenum contamination is very limited in distribution and magnitude, as described in Section 4.4, and was not detected in groundwater above the remediation goal in April 2013.

Nitrate

The increase in nitrate concentrations in groundwater from 1999 through 2001 (Figure 15) is attributed to fertilizer applications during site restoration. Natural attenuation of this pulse occurred by 2004. In April 2005, 2008, and 2010, order-of-magnitude increases again occurred at some locations, including the upgradient monitoring well (data for MW00-01 are not shown in Figure 15). To have affected well MW00-01, these inputs of nitrate must have originated from an offsite source. These inputs and the coincidence of elevated nitrate concentrations downgradient of livestock operations on the north side of the mill site suggest nitrate contamination following

source removal is not related to past mill site operations. Trending in nitrate concentration is not evident, and concentrations at all locations are currently below the remediation goal.

Selenium

Selenium concentrations in groundwater increased significantly following OU I remedial actions in 1999 (Figure 16), particularly in the eastern area of the mill site where an extensive area of carbonaceous, pyritic shale of the Dakota Sandstone was freshly exposed by the excavations. Naturally occurring selenium in these deposits is presumed to have been mobilized by oxygenated groundwater within the newly reconstructed alluvial aquifer. Selenium concentrations in groundwater have since generally decreased. Remnant contamination is attributed to the passage of the pulse of selenium that was released during mill site remediation.

Locations where selenium concentrations increased in April 2005, 2008, and 2010 generally coincide with those of increased nitrate. This relationship, also apparent with the nitrate release in 1999, may be associated with the ability of nitrate to oxidize and mobilize naturally occurring selenium (Wright 1999; Wright and Butler 1993; Weres et al. 1990; see also DOE 2001). More recent selenium concentrations have generally decreased to levels near or below the remediation goal, with no apparent upward or downward trending.

Uranium

Uranium concentrations show a large initial effect of source removal (Figure 17). Uranium trending since source removal is highly variable, depending on location, possibly because the uranium plume is much greater in lateral extent than that of the other COCs and so is subject to a greater variety of hydrologic and geochemical conditions that can affect concentrations. Because of the greater extent of uranium contamination with respect to lateral distribution and magnitude of concentration above the remediation goal, and because uranium is the greatest contributor to potential human health risk at OU III, a separate analysis of concentration trending for uranium in groundwater is provided in Section 6.0.

Vanadium

Vanadium concentrations also show an initial effect of source removal, particularly at the monitoring location nearest the former mill site (monitoring well 92-11; see Figure 18). Vanadium concentrations have slowly decreased to the extent that as of April 2013, the remediation goal (330 µg/L) is met at all but two locations (wells 92-11 and T01-02).

4.4.2 Plume Expansion in the Alluvial Aquifer

The uranium contamination plume terminates between monitoring wells 92-09 and 95-03; therefore, well 95-03 is regarded as a sentinel well to detect possible advancement of the plume past its current downgradient extent (see Figure 3 for well locations and Figure 10 for uranium concentration distribution).The OU III groundwater model predicted only slight increases in uranium concentrations east of the current extent of contamination but not to exceed the remediation goal at sentinel well 95-03.

Figure 19 illustrates that contaminant levels observed at well 95-03, including uranium, are not increasing, and therefore plume expansion into uncontaminated regions of the aquifer is not significant at this time and is not expected in the future. In this respect, the uranium contamination plume is considered stable. Plume expansion into this area is prevented by the

hydrologic discharge boundary described in Section 3.3.3 and Section 5.1 (alluvial aquifer discharge to Montezuma Creek combined with Burro Canyon aquifer groundwater discharge to the alluvial aquifer and creek).

Manganese concentrations at sentinel well 95-03 are not included in Figure 19 because they exceed the maximum value shown (100 µg/L). The presence of manganese at well 95-03 remains steady at concentrations between 300 and 400 µg/L. Enrichment of manganese in alluvial groundwater at this and other far-downgradient wells results from the discharge of Burro Canyon groundwater, in which this element is naturally abundant, to the alluvial aquifer.

4.4.3 PRB and Ex Situ Treatment System Performance

Figure 5 through Figure 11 (see PRB insets in those figures) show that the PRB continues to effectively reduce contaminant concentrations to acceptable levels; however, the ability of the PRB to transmit water has been compromised by internal mineralization. A relatively high manganese concentration immediately downgradient of the PRB is likely a remnant of early PRB operation when manganese, as a trace constituent of ZVI, dissolved from the ZVI and was then deposited in the aquifer matrix immediately downgradient of the PRB. Manganese concentrations are much lower in the PRB because pH—a primary control on mobility—is about 9 in the PRB and contrasts with that in the alluvium (pH neutral to slightly acidic) (DOE 2002).

Cumulatively through April 2013, the ex situ treatment system had treated about 27 million gallons of contaminated groundwater. On the basis of monthly inflow and outflow sampling, the treatment system has removed approximately 61 pounds of uranium from the alluvial aquifer cumulatively from June 2005. The estimated total inventory of uranium in the area where the ex situ treatment system is operated is 350 pounds[1]. This area is between the former mill site and the PRB, defined as Region 3 of the aquifer, which encompasses an area of approximately 3.2 acres (aquifer regions are described further in Section 6.2 and depicted in Figure 35). The current rate of extraction (about 2 percent of the estimated inventory per year) implies a restoration period for this portion of the aquifer of 50 years. This is likely an optimistic forecast because plume capture is incomplete, and contaminant mass-transfer limitations will likely prolong aquifer restoration.

Information on treatment system performance taken from monthly monitoring results is provided quarterly in Federal Facility Agreement reports that DOE submits to EPA and UDEQ. The treatment system information provided in those reports addresses influent and effluent water quality, volume of water treated, mass of uranium removed from the groundwater by treatment, compliance with discharge allowances, and maintenance activities.

4.4.3.1 Effluent Discharge to Surface Water

Monthly sampling of treatment cell effluent began on June 26, 2008. The required parameters for discharge to the creek are total iron and pH. Analytical results for iron and pH in effluent samples are provided in Figure 20 (the effluent sample to Montezuma Creek is identified as location TCOUT).

[1] This estimate assumes an area of 700 ft × 200 ft, saturated thickness of 5 ft, substrate density of 100 pounds per cubic foot, and 5 milligrams per kilogram uranium available in the aquifer substrate (unit-mass inventory approximated from column test results [DOE 2001a]).

The allowable concentration of total iron in the effluent is 45.4 mg/L. The pH of the effluent is to be within the range of 6.5 to 9.0 (see Section 3.4.4 for derivation of discharge allowances). Operation of the treatment system has complied with the discharge allowances to date. The highest concentrations of iron in the effluent (approximately 40 mg/L) typically are associated with change-out of the reactive media.

4.5 Burro Canyon Aquifer Water Quality

The Burro Canyon aquifer was most recently sampled in October 2012 at wells 83-70, 92-10, and 93-01. These locations are monitored annually in October. Well 93-01 provides background water quality data for the Burro Canyon aquifer. Well 83-70 is completed beneath the main region of contamination in the alluvial aquifer, and well 92-10 is completed near the downgradient terminus of the uranium plume. Table 2 lists COC concentrations for these wells. Results indicate that the Burro Canyon aquifer is not contaminated by site-related constituents at these locations.

Burro Canyon aquifer wells 93-205, 95-06, and 95-07 are sampled every 5 years, as of October 2006. The wells were sampled most recently in April 2012. Prior to 2006 each of these wells was sampled at least yearly since their installation in 1993 (well 93-205) and 1995 (wells 95-06 and 95-07). The latest 5-year sampling results for these wells are provided in Table 2. Arsenic and uranium were detected at wells 93-205 and 95-06, respectively, at concentrations that slightly exceeded the remediation goals. These analytes have been detected at similar concentrations since annual monitoring began at those locations. The occurrence of these analytes at the respective concentrations is attributed to localized natural sources (DOE 1998a). The cumulative monitoring data to date for Burro Canyon monitoring wells indicate that the Burro Canyon aquifer is not contaminated by site-related constituents.

Table 2. COC Concentrations in Burro Canyon Groundwater, April and October 2012

Well	COC Concentration—October 2012[a]						
	Arsenic	Manganese	Molybdenum	Nitrate[b]	Selenium	Uranium	Vanadium
83-70	0.06	250	0.76	10U[c]	0.03U	0.03	0.01U
92-10	0.05	610	1.4	10U	0.03U	0.05	0.04U
93-01	0.25	64	0.03U	10U	0.03U	0.03	0.24
COC Concentration—April 2012[a]							
93-205	11	350	5.4U	14	0.03U	0.24	0.01U
95-06	0.26	290	5.4U	10U	0.03U	32	0.01U
95-07	0.7	38	5.4U	10U	0.03U	0.98	0.02

[a] Concentrations expressed as µg/L
[b] Nitrate + nitrite as nitrogen
[c] U = Undetected at listed value

4.6 Surface Water Quality

Results for the surface water samples collected during the review period at the routine OU III sampling locations are shown in Figure 5 through Figure 11. The April 2013 sampling event was conducted during a period of low stream flow, so sample results are not biased by dilution effects of spring snow-melt from the Abajo Mountains.

Selenium and uranium are the only COCs to exceed their respective remediation goals among the most recent samples collected from Montezuma Creek (seeps and wetlands are addressed in Section 4.7.1). The uranium and selenium standards are not exceeded on the mill site or within about 0.75 mile downstream of the mill site to the Sorenson location, where the concentration of these analytes increases (17 µg/L selenium and 270 µg/L uranium, April 2013). Selenium is diluted in the creek to concentrations less than the remediation goal within a short distance downstream of the Sorensen location. Uranium is also diluted in the creek by about one-half but remains at concentrations that exceed the surface water goal through the remainder of OU III.

Increases in the concentration of uranium and selenium at the Sorenson location have been frequently observed. The cause of these increases was the subject of an investigation conducted in 2009 and was reported in detail in the 2009 and 2010 OU III annual reports (DOE 2009c and DOE 2010, respectively). That investigation found that the increase at the Sorenson location is from groundwater discharge from the alluvial aquifer in the reach of Montezuma Creek between monitoring wells P92-06 and 92-03, as opposed to residual tailings material (supplemental standards areas) acting as a contamination source in stream-side sediment.

COCs for which there are no surface water standards (manganese, molybdenum, and vanadium) are present in Montezuma Creek at concentrations that are consistent with background levels or are less than the respective groundwater standards.

4.6.1 Surface Water Diversion to Irrigation Pond

Water samples were collected on October 6, 2009, from an irrigation pond on a peripheral property located downstream of the mill site for laboratory analysis of uranium. The pond ("Irrigation Pond" in Figure 3 and Figure 5 through Figure 11) and sample locations (0304 and 0305) are identified in Figure 3. Samples were collected because of a land and water use change when the landowner began to divert water from Montezuma Creek to the pond for subsequent crop irrigation. The State of Utah Division of Water Rights granted an appropriation for that surface water diversion in 2007. Use of water from Montezuma Creek for this purpose was recognized as a possible concern because the water at the point of diversion is contaminated by uranium. As was presented in previous annual reports, evaporative concentration of uranium in the pond was determined not to have significant potential impacts on human health or ecological risk.

4.7 Concentration Trends in Surface Water and Seeps

Figure 22 and Figure 23, respectively, present selenium and uranium concentrations in surface water samples collected from established monitoring sites along Montezuma Creek since April 2000 (seeps and wetlands are addressed separately in Section 4.7.1). Ordering of the sampling sites in the legend of these figures is from west to east in the direction of creek flow. Selenium and uranium were selected for presentation because (1) selenium in surface water was particularly relevant to OU III biomonitoring (summarized in Section 7.0), and (2) the discharge of contaminated groundwater to the creek causes the in-stream standard for uranium and selenium to be exceeded at some locations.

Selenium concentrations in groundwater and in Montezuma Creek trended downward for about 5 years following OU I remedial actions. Recent increases in selenium concentrations in groundwater and surface water at some locations (for example, well 92-08 and the Sorenson location) are attributed to movement of the remnant selenium plume and discharge of the contaminated groundwater to Montezuma Creek. Uranium concentrations coincidently increased at downgradient locations on Montezuma Creek (for example, the Sorensen location, SW00-04, and SW92-08; Figure 23), also the likely result of the discharge of contaminated groundwater farther upstream. Because contamination in Montezuma Creek is attributed to the discharge of alluvial groundwater, surface water quality is expected to follow concentration trends of these constituents within the alluvial aquifer.

4.7.1 Groundwater Seeps

Seeps 1 and 2 are expressions of alluvial aquifer discharge to Wetland 3. Seeps 3, 5, and 6 are located along the north margin of the mill site and are topographically higher than the alluvial aquifer (see Figure 3 for seep locations). They originate from water sources that are above the valley of Montezuma Creek and are of suspected anthropogenic origin (residential irrigation and municipal water line leaks). Seeps 3, 5, and 6 are expressed near the contact between unconsolidated hillslope colluvium or fill and the Mancos Shale bedrock. Nitrate, selenium, and uranium historically have been detected at one or more of these seeps in concentrations that exceeded a surface water remediation goal.

<u>Nitrate</u>
High nitrate levels at seeps along the north margin of the valley are attributed to known livestock operations. Nitrate concentrations at Seep 3 are persistently elevated, fluctuate widely, and exhibit no apparent trend (Figure 24). Nitrate concentrations at Seep 6 have declined to levels that are less than the groundwater remediation goal and approach the surface water goal. Nitrate concentrations at Seep 5 remain less than the remediation goal for surface water and for groundwater.

<u>Selenium</u>
Selenium concentrations at Seep 1 remain below surface water and ground water standards. Selenium concentrations in the water expressed at Seep 2 are now below the groundwater standard. Selenium occurrence in water expressed at Seeps 3 and 6 is likely of bedrock origin and not related to conditions within the alluvial aquifer. Selenium concentrations at these seeps show a general downward trend, although the concentration at Seep 3 remains above the groundwater standard (Figure 25).

<u>Uranium</u>
Uranium concentrations remain elevated along the north margin of the mill site at Seep 6 (approximately 2,200 µg/L; Figure 26) with no apparent trending. DOE evaluated the source of water and uranium contamination expressed at Seep 6 and initially reported the findings in the 2009 annual groundwater report for OU III (DOE 2009c). The evaluation indicated that uranium contamination at Seep 6 likely originates from tailings-related contaminated soil used to backfill a (possibly leaking) municipal water line. The contaminated soil intentionally remains in place as an OU II decision for supplemental standards in City Street and Utility Corridors.

Water expressed at Seeps 3 and 5 persistently contains uranium concentrations between about 40 and 50 µg/L. Seep 5 is located in an area of former milling activities where remediation was completed. Seep 3 is located east of the former mill activities. The source of low-level uranium contamination is uncertain. Concentration trending (increasing or decreasing) is not evident.

4.7.1.1 Wetland 3

Groundwater from the alluvial aquifer discharges to Wetland 3 at Seeps 1 and 2 near the northwest corner of the wetland. Since monitoring began in 2001 at these locations, flow has sometimes been too diffuse for sample collection at Seep 1, while flow at Seep 2 has been nearly constant.

Contaminant concentrations and trends at Seeps 1 and 2 are similar to those at nearby monitoring wells. Because Seeps 1 and 2 are surface expressions of the local, moderately contaminated groundwater, concentration trends at these seeps are expected to continue to mimic the groundwater trends. At Seep 2, a downward trend of selenium entering the wetland (Figure 25), similar to that at Seep 3, is observed. Selenium levels at Seep 2 were particularly relevant to biomonitoring (Section 7.0). Selenium contamination is absent at Seep 1.

Uranium contamination at Seeps 1 and 2 does not have either an upward or downward trend. Discharge of contaminated groundwater into Wetland 3 does not result in exceedance of any surface water quality standard in Montezuma Creek at location SW00-02, which is immediately downstream of Wetland 3.

5.0 Hydrologic Monitoring Assessment

The predominant climatic factor affecting groundwater and surface water flow at OU III is a condition of drought. This condition has prevailed for at least 10 years, with brief periods of respite. Discharge of contaminated alluvial groundwater to the creek (gaining-stream condition) is recognized as a natural attenuation process because contamination is removed directly from the aquifer and is subsequently diluted. Losing-stream conditions are likely to act as a flushing mechanism where uncontaminated surface water enters the aquifer to cause contaminant dilution.

5.1 Surface Water Flow

Figure 28 presents a generalized depiction of gaining and losing conditions on Montezuma Creek. This depiction is based on monitoring results and field observations since 2000. Two prominent gaining reaches of Montezuma Creek are identified. The first is indicated between locations SW00-01 and SW00-02, spanning the mill site, and the second occurs in the Dakota/Burro Canyon transition reach. Stream gain in the mill site reach is attributed to aquifer recharge from offsite sources to the north. Montezuma Creek fully penetrates the alluvial aquifer in this reach and so acts to capture the groundwater.

The gaining condition in the Dakota/Burro Canyon transition reach is attributed to discharge of groundwater from the alluvial aquifer and the Burro Canyon aquifer. The canyon becomes narrow in this reach, and the Burro Canyon aquifer is incised by the creek. Groundwater in the Burro canyon aquifer in this reach is semiconfined, with an upward flow potential. Drainage

ravines leading into Montezuma Creek are typically dry and so have no influence on the reported flow conditions.

October 2012 and April 2013 stream flows are indicative of low-flow conditions in Montezuma Creek. In October 2012, flow measurement was not possible because of insufficient flow in the creek at all locations. April 2013 flow measurements indicate very low flow conditions and identify gaining and losing reaches consistent with past monitoring data.

5.2 Alluvial Aquifer Water Levels

The primary sources of aquifer recharge in the western portion of the site are (1) leakage through the earthen dam at the municipal reservoir (Loyds Lake), (2) seepage from North Creek, and (3) anthropogenic sources along the north margin of the mill site. Irrigation of the golf course may not contribute significantly to aquifer recharge in this area because of conservative irrigation practices.

The water level hydrographs for upgradient monitoring wells (wells 82-20, MW00-01, and MW00-02; Figure 28) indicate that the alluvial aquifer upgradient of the mill site is subject to seasonal water table fluctuations of 5 ft or more (well 82-20 was decommissioned in September 2005). Water levels at the upgradient wells reflect a decreasing trend in the water table elevation since a rebound from historical lows in 2002.

On the mill site, the water table does not fluctuate as widely as at the upgradient wells. For example, the wide fluctuations observed at upgradient wells since 2004 are not evident at the mill site wells (Figure 29). An efficient hydraulic connection between the aquifer and the creek, with the creek serving as a groundwater sink, may dampen water table fluctuations in this area. Water levels at monitoring wells on the mill site do not exhibit significant upward or downward trending since 2000 (Figure 29).

Water level hydrographs for selected monitoring wells (wells 92-11, 92-07, PW-18, 92-08, 92-09, 88-85, PW-17, MW00-06, P92-06) located downgradient of the mill site are shown in Figure 30. The effect of aquifer dewatering during mill site remediation is evident as the declining water levels at wells 92-11, 88-85, and 92-07 from mid-1998 through mid-1999. During that time, to facilitate tailings removal, nearly all groundwater underlying the mill site was either pumped from the tailings excavations or captured at interceptor trenches in the western portion of the mill site and subsequently diverted to the creek at the east boundary of the mill site. The saturated thickness of the alluvial aquifer on the mill site prior to dewatering was on the order of 5 to 8 ft. The impact of dewatering extended downgradient to the PRB. Approximately 54 million gallons of contaminated groundwater was removed from the tailings excavations during dewatering activities (March 1998 through May 1999) for subsequent treatment at an onsite treatment facility.

After dewatering ceased, the water table in the area upgradient of the PRB rebounded within 6 months to levels that approached pre-remediation conditions (at wells 88-85 and 92-07, for example). Water level rebound in the area where these wells are located was likely enhanced by mounding at the PRB (installed summer 1999). Water levels that are 2 to 3 ft higher in this area in April 2010 likely reflect the rapid runoff of an above-average mountain snowpack and releases

from the reservoir. These data imply that the effects of hydrologic perturbations of this scale are recognizable within weeks to months at OU III monitoring wells.

East of the PRB, the same period of mill site dewatering likely accounts for the observed water table decline and subsequent recovery at wells 92-08 and P92-06 (Figure 30). Because of the greater distance from the dewatering activities and possibly also an effect of impeded flow through the PRB (flow stagnation), the response at these locations is delayed by several months. The effect of dewatering is not apparent farther east at well 92-09, possibly because of greater dampening with distance. In response to the abundant snowpack and runoff of winter/spring 2010, water levels in the aquifer downgradient of the PRB also increased by 2 to 3 ft. This episode of high water is followed by a decreasing trend in water table elevation.

5.2.1 Groundwater Mound at the PRB

The groundwater mound observed along the upgradient side of the PRB and extending at least 75 ft west into the alluvial aquifer (to well 88-85) began to develop soon after the PRB was installed, as indicated in Figure 31. In this figure, the sharp water level decline observed at well 88-85 through 1998 is a response to large-scale dewatering of the mill site to facilitate tailings removal during the OU I remedial action. With the completion of tailings removal and dewatering, and following installation of the PRB (summer 1999), the water table at and near the PRB experienced a net rise of about 4 ft in elevation through 2009 above pre-PRB elevations (see water level hydrograph for well 88-85 in Figure 31). The rising water table profile at well 88-85 was mimicked at alluvial aquifer well R1-M3 (Figure 31), located about 3 ft upgradient of the PRB.

The trending observed at these wells was not site-wide. Instead, the rising water table immediately following cessation of mill site dewatering and PRB installation is attributed to a suspected zone of low hydraulic conductivity at the upgradient alluvium/PRB interface that formed during construction of the PRB. In following years, the groundwater mound upgradient of the PRB was likely augmented by the loss of hydraulic conductivity within the PRB as a result of internal mineral precipitation. By comparison, the water table in the alluvial aquifer downgradient of the PRB remained relatively low, for example at wells R9-M1 and R11-M1 (see Figure 31). The effect of apparent flow restriction through the PRB accounts for about 8 to 10 ft of vertical relief in the water table between the upgradient and downgradient faces of the PRB.

The water level hydrograph for well 88-85, located in the groundwater mound immediately upgradient of the PRB, indicates no apparent trending since the start of active remediation in 2005 (see Figure 32). This suggests that although groundwater extraction from well EW-1 may assist in preventing additional groundwater mounding in this area, pumping has not significantly reduced the groundwater mound (the water table decline in 2005 observed at well 88-85 is a regional effect unrelated to operation of the groundwater remediation system). The water table in the mounded area remains at about 4 to 5 ft below ground surface.

Groundwater extraction also has had no apparent effect on water levels at monitoring wells 92-07 and PW-17 (see Figure 32) located about 200 ft and 300 ft south of the extraction well and near the end of the south slurry wall. This suggests that groundwater withdrawal at EW-1 does not affect the quantity of groundwater flow around the south slurry wall; however,

the quantity of groundwater flow around the south slurry wall was estimated to be minimal (less than 1 gpm) prior to the start of pumping. The estimated volume of water that flows past the south end of the south slurry wall likely has not increased due to mounding. Supporting evidence for this conclusion is that the parameters used to estimate the quantity of bypass flow (hydraulic gradient, saturated thickness, and width of the bypass zone) have not changed. A study conducted over a 4-month period in 2007 also concluded that the water table in the area surrounding well EW-1 was unaffected by groundwater extraction (DOE 2008).

5.3 Burro Canyon Aquifer Water Levels

Well pairs 95-01/95-02 and 95-03/95-04 are the easternmost groundwater monitoring locations in OU III (see Figure 3 for well locations). Wells 95-01 and 95-03 are completed in the alluvial aquifer, and wells 95-02 and 95-04 are completed in the upper 20 ft of the Burro Canyon aquifer. Groundwater is not contaminated in either aquifer at the location of these two well pairs. Water levels are monitored at these wells to confirm the long-term stability of the hydrologic barrier in this part of the canyon that prevents further eastward migration of the contaminant plume.

The water table at these well pairs is shown to be relatively stable over time, with a consistent upward flow gradient from the Burro Canyon aquifer to the alluvial aquifer (see Figure 33). The upward flow gradient is evident at each well pair by the higher water elevation in the Burro Canyon well than in the paired alluvial aquifer well. This upward flow gradient was maintained through the drought years of 2002 and 2003 when the City of Monticello increased groundwater production to meet increased residential demand. Water levels in the Burro Canyon aquifer at wells 95-02 and 95-04 were not affected by municipal well pumping: the prominent upward flow gradient from the Burro Canyon aquifer to the alluvial aquifer remains unchanged. This indicates that the hydrologic flow boundary described in Section 3.3.3 remains intact even during times of drought and municipal withdrawals from the Burro Canyon aquifer.

Municipal well production did affect the water table at Burro Canyon monitoring wells closer to the production wells, where for example, about 15 ft of drawdown was observed at well 83-70 during 2002 through 2004 (see Figure 34). This condition did not likely threaten to contaminate the Burro Canyon aquifer by inducing downward flow from the alluvial aquifer because a pronounced downward flow potential exists without municipal extraction and because the two aquifers are separated by the Dakota Sandstone aquitard where the alluvial aquifer is contaminated. Well 83-70 is DOE-owned but has been used seasonally by a private landowner for limited crop irrigation since about 2006. Water levels since April 2008 are not reported in Figure 34 because pumping equipment installed by the landowner prevents measurement access.

Burro Canyon well 95-08 is located on the mesa above well pair 95-03/95-04. The stable water table observed at well 95-08 (Figure 34) suggests that the drawdowns observed at wells 93-205, 83-70, 93-01, and 95-06, which are much closer to the municipal production wells, are not drought-related, but instead are pumping related (see Figure 3 for locations of municipal production wells and OU III Burro Canyon monitoring wells). An additional feature of the water table at well 95-08 is its much greater elevation compared to Burro Canyon wells 95-02 and 95-04. These wells are located in the canyon in a similar position with well 95-08 with respect to the regional west to east groundwater flowpath. The much higher hydraulic head above the canyon at well 95-08 is a measure of the hydraulic potential for groundwater to discharge from the Burro Canyon aquifer in the floor of the canyon.

6.0 Groundwater Restoration Assessment

6.1 Uranium Trending Compared to Model Prediction

The ROD for OU III stipulates that observed concentrations of uranium are to be compared to those predicted by the groundwater model for OU III as a measure of restoration. For this purpose, the alluvial aquifer is divided into five regions described below and shown in Figure 35.

- Region 1 encompasses the former mill site and bounding areas. Groundwater recharge occurs by underflow from the west and inflows from sources to the north. Significant quantities of groundwater in this area are displaced to Montezuma Creek. Uranium concentrations in this region are relatively low (100 to 200 µg/L).
- Region 2 encompasses the area of Wetland 3 to the eastern boundary of the former mill site. Most or all of the groundwater that flows from the former mill site passes through or originates in this area. Uranium concentrations in this region are relatively low (100 to 200 µg/L). Leakage of (uncontaminated) water from Wetland 3 is a source of groundwater recharge to Region 3.
- Region 3 is the area between the former mill site and the PRB. This area encompasses the highest contamination in OU III groundwater (approximately 1,000 µg/L uranium). The PRB is considered a boundary for this region because it locally influences groundwater flow and contaminant transport. No portion of this region was overlain by mill tailings.
- Region 4 extends from the PRB approximately 750 ft east to approximately the area of monitoring well 82-08. Water quality in this area is affected by agricultural irrigation, effluent from the PRB, possible leakage from Montezuma Creek, and flow of contaminated groundwater around the south end of the PRB. Uranium concentrations vary in this region from <10 µg/L at well R10-M1 to about 700 µg/L at well MW00-06.
- Region 5 extends east of monitoring well 82-08 to the terminus of the uranium plume. Uranium concentration in this region is several hundred micrograms per liter. Uranium distribution in this region is affected by the hydrologic boundary identified in Sections 3.3.2 and 3.3.3.

6.1.1 ROD-Specific Performance Evaluation

As documented in *Monticello Mill Tailings Site OU III Remedial Investigation Addendum/Focused Feasibility Study* (DOE 2004b), a groundwater flow and contaminant transport model (groundwater model) was developed to predict the transport of dissolved uranium in the alluvial aquifer at OU III. Uranium was predicted to decrease to less than 30 µg/L in the alluvial aquifer in 42 years (starting in October 2002).

The ROD states that as of October 2004, if the model-predicted average concentration for a given region of the aquifer is less than the lower uncertainty range for the observed average for three consecutive sampling events, aquifer restoration progress is significantly less than the model prediction, thereby requiring DOE to evaluate a contingency action. According to this measure, and as shown in Figure 36, the observed concentrations in the aquifer began to deviate significantly from model-predicted values as early as April 2006 in Region 1 and soon after in Regions 2, 3, and 5 Figure 37. Significant deviation from the model prediction was first reported

in the October 2005–April 2006 annual groundwater report (DOE 2006a). Additional detail regarding the analytical approach is provided in the ROD and previous annual reports.

As depicted in Figure 36, uranium concentrations continue to be significantly higher than model-predicted values throughout most of the aquifer. The findings reported in 2006 annual groundwater report (DOE 2006a) prompted DOE, in accordance with the ROD, to perform a second statistical analysis of the groundwater data. Results of that analysis (non-parametric trend analysis), documented in a 2007 trend analysis (DOE 2007), confirmed the original conclusion that aquifer restoration was not attainable within the time predicted by the groundwater model. These outcomes led to implementing the contingency remedy described in Section 2.1.1 of this report.

6.2 Summary of Restoration Progress

A summary of time-varying uranium concentration observed at individual monitoring wells within the five aquifer regions is presented below. The summaries are based on qualitative interpretation of the time-series graphs (Figure 38 through Figure 42). Contributing factors for the observed uranium concentration trends are also suggested.

Region 1 Subtle downward trending since 2001 is apparent at the wells in this region (Figure 38); however, uranium persists at concentrations between about 100 and 200 µg/L. This is the approximate range of uranium concentration characterized as a "tailing effect" in OU III column leach tests (DOE 2001). Uranium contribution to Region 1 groundwater may be sustained in part from seeps along the north margin of the mill site (Seeps 3 and 5 [40 to 50 µg/L] and Seep 6 [1,000 µg/L]).

Region 2 Downward concentration trends observed between 2001 and 2005 (Figure 39) have since stabilized at approximately 150 µg/L. Contamination from Region 1 is not likely to impact Region 2 because most groundwater in Region 1 is thought to discharge to Montezuma Creek on the mill site. Uranium concentrations in Region 2 are likely to have declined initially because the aquifer is locally recharged by uncontaminated water in Wetland 3.

Region 3 Three of five wells (wells 92-11, 88-85, and PW-28) exhibit a slight downward trend in uranium concentration. Linear trend projection suggests a restoration period within 50 years; however, since about 2008, concentrations at these wells are relatively static at about 200 µg/L, similar to Region 1 and 2 observations, and may imply a tailing effect.

The remaining two wells in Region 3 (wells 92-07 and PW-17) show upward trends followed by a period of stability at concentrations of approximately 1,000 µg/L (Figure 40). Factors that account for the lack of restoration progress in Region 3 include (1) flow stagnation at the PRB, (2) limited groundwater underflow from Region 2, (3) limited recharge from Montezuma Creek (often dry in this reach).

The ex situ pump-and-treat enhancement has been inconsequential in reducing uranium concentrations in this area. Uranium contamination in this portion of

Region 3 cannot be expected to meet the remediation goal in the near future under current conditions.

Region 4 Consistent trending is not evident among monitoring locations in this region (Figure 41); instead, concentrations are highly variable over time and location. Concentrations in wells MW00-06 and MW00-07 have generally been increasing since 2005; though well MW00-07 has had much variability in this increasing trend (well MW00-07 did not yield sufficient water for sample collection in recent years). Uranium concentrations in this area are expected to vary because of (1) local crop irrigation, (2) discharge of treated groundwater from the PRB, (3) wide variation in uranium concentration as the initial condition, (4) PRB-induced flow perturbations, and (5) contaminant migration, as exemplified at well MW00-06.

Region 5 Trending is not apparent at Region 5 wells (Figure 42). Concentrations remain relatively stable between about 200 and 400 µg/L. Non-trending suggests a prolonged restoration time for this region. Uranium concentration at well P92-06 displayed an increase in 2007 to 2010 but has since decreased to concentrations observed in 2000 (approximately 500 µg/L). Uranium contamination observed at well P92-06 may represent passage of a fragment of the initial contaminant plume. Plume migration beyond Region 5 is not expected because of the natural hydrologic boundary.

7.0 Biomonitoring

The OU III ROD (DOE 2004a) established a biomonitoring program for the mill site wetlands and a downstream sediment pond, stating that "the main objective of the biomonitoring is to determine if selenium levels are present in environmental media at concentrations that could cause adverse effects on environmental receptors." The program established trigger levels in surface water (5 µg/L) and sediment (4 milligrams per kilogram [mg/kg]) to determine the need for macroinvertebrate sampling. It also established a trigger level for macroinvertebrate tissue (7 mg/kg) to determine the need for avian egg sampling and to be used in the criteria for discontinuing biomonitoring.

The *Fourth Five-Year Review Report for Monticello Mill Tailings (USDOE) Site, San Juan County, Monticello, Utah* (DOE 2012b) summarized results of the site's biomonitoring program. Selenium data collected from surface water, groundwater, sediment, and macroinvertebrates indicate that the OU III ROD criteria for conducting biomonitoring have been satisfied and that the OU III remedy is protective of the environment.

In a letter (EPA 2012) dated October 10, 2012, EPA, in consultation with UDEQ, concurred with *Results of 2012 Biomonitoring and Ecological Studies at the Monticello Mill Tailings Site, Monticello, Utah* (DOE 2012c), specifically the finding that average macroinvertebrate tissue concentrations in Wetland 3 are below the tissue-based trigger levels specified in the OU III ROD. The report was approved with two comments that were resolved in the 2012 annual groundwater report (DOE 2012a). Biomonitoring is therefore discontinued.

8.0 Year in Review Summary

- No anomalous monitoring results or site conditions are noted for the period of review that would indicate concern of contaminant source control or contaminant plume control.
- Restoration progress remains below initial expectations as predicted by the groundwater model.
- Observed concentration trends indicate a prolonged period of aquifer restoration.
- Subsurface conditions have been identified that may limit the restoration potential of the aquifer and that limit the accuracy of the groundwater model in predicting restoration time.
- Flow restriction/stagnation posed by the PRB limits monitored natural attenuation to proceed as initially intended.
- Operation of the ex situ treatment system does not demonstrate a measurable improvement in water quality.
- Biomonitoring has been discontinued for OU III.
- The area encompassing MMTS is under drought condition.

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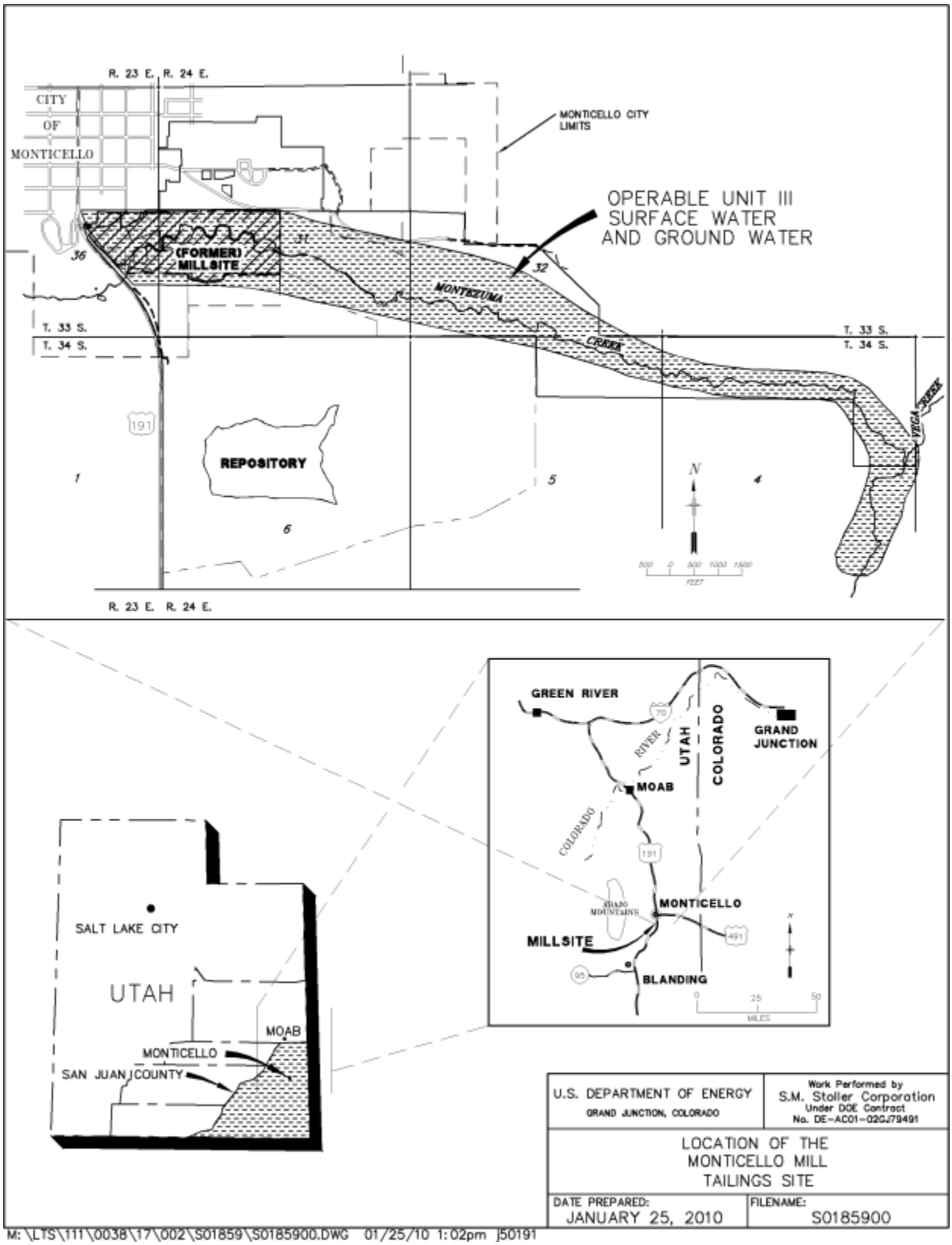

Figure 1. Location of the Monticello Mill Tailings Site

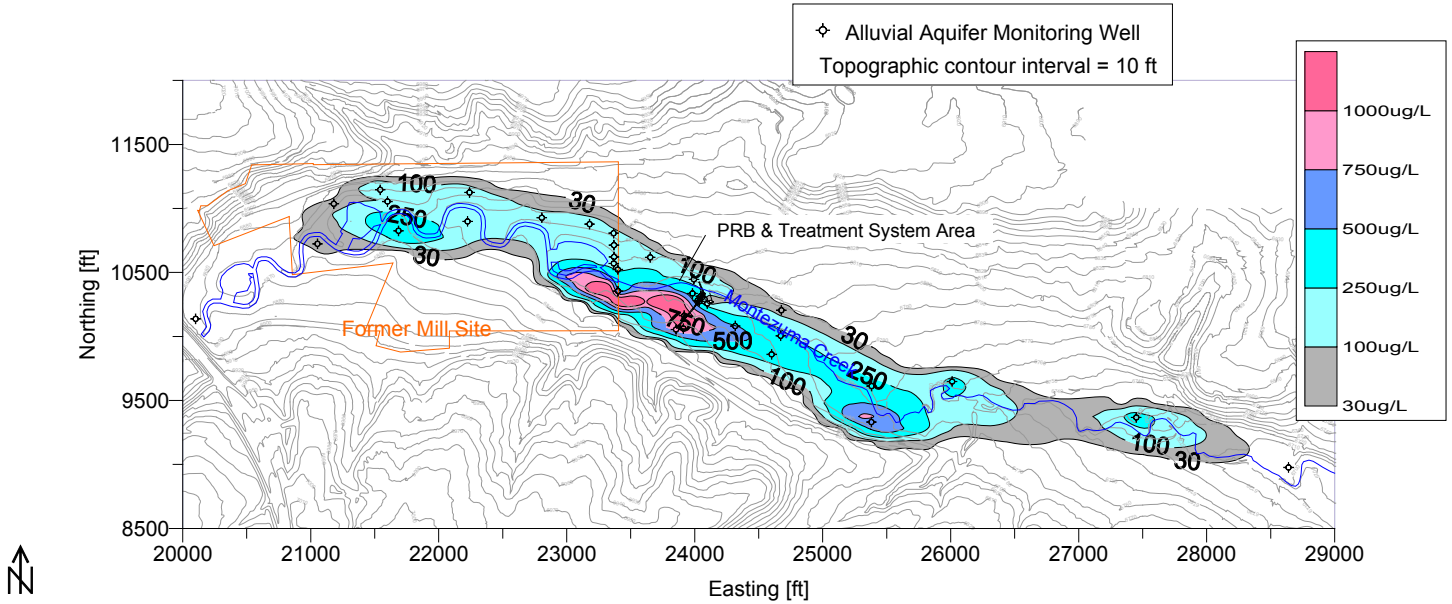

Figure 2. Estimated Uranium Groundwater Plume, 2009 (includes data from special groundwater investigation, April 2009)

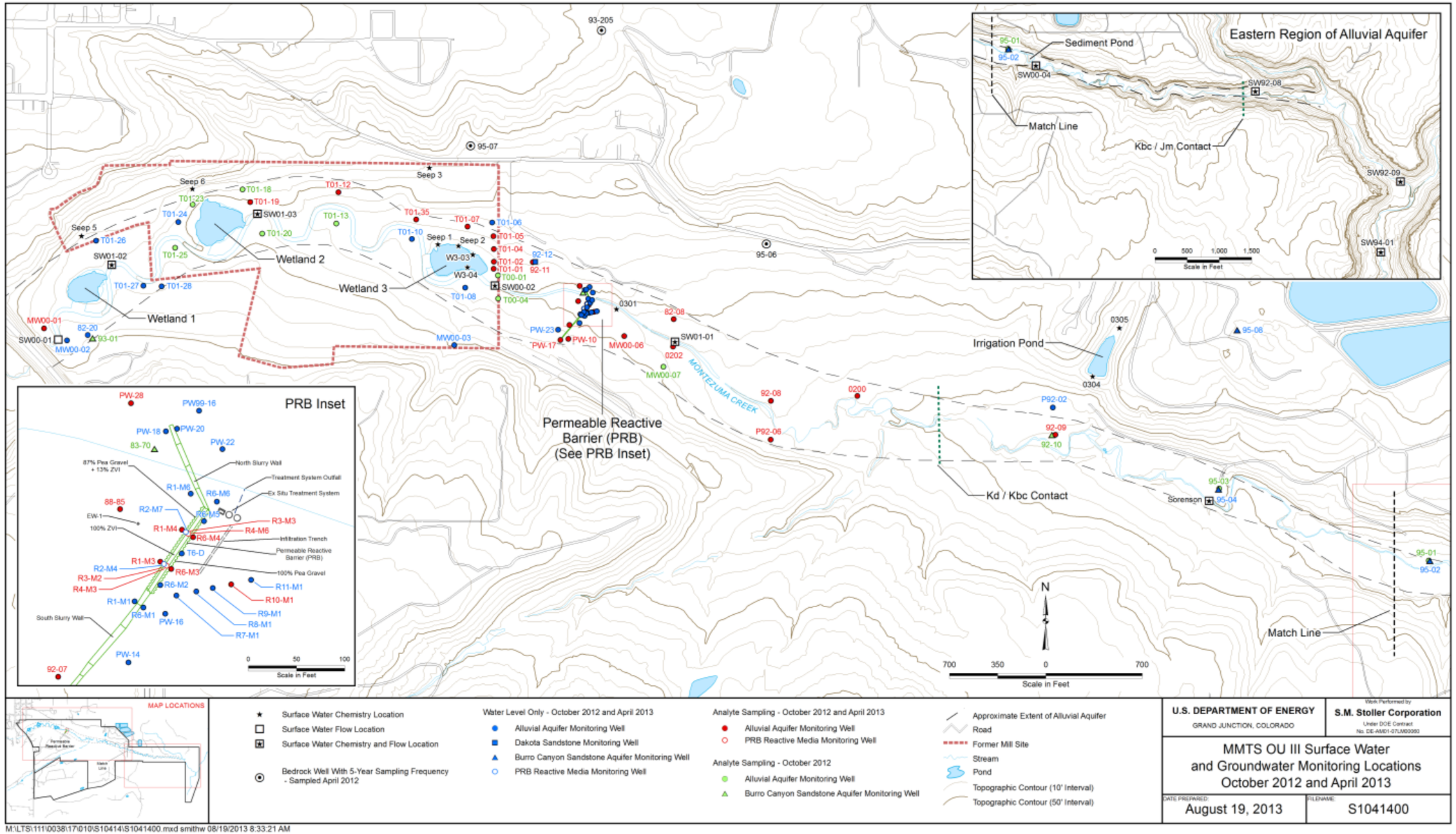

Figure 3. Reference Map for OU III Water Quality Monitoring Locations

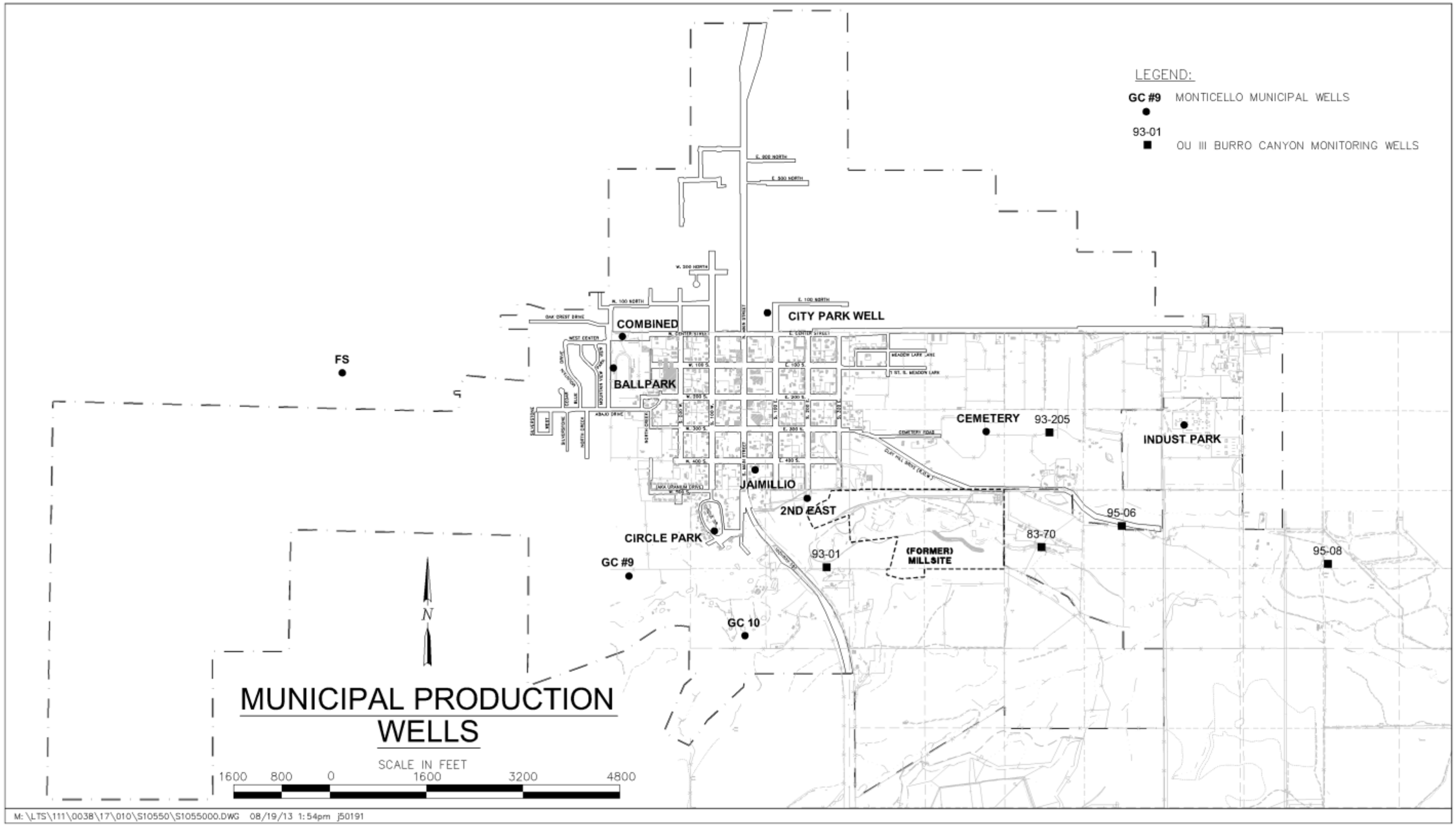

Figure 4. Monticello Municipal Wells

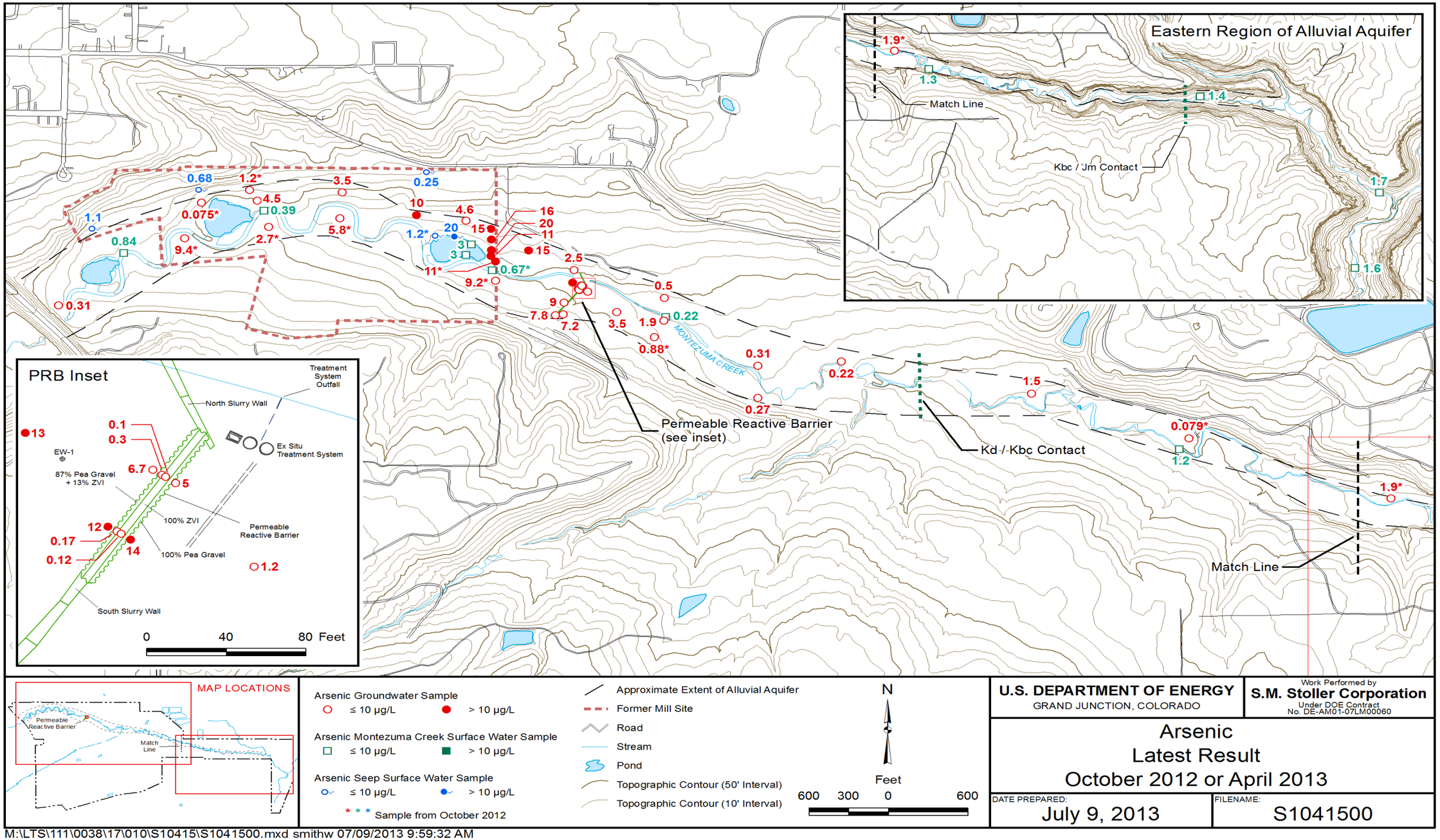

Figure 5. Distribution of Arsenic in Surface Water and Alluvial Aquifer Groundwater, April 2013

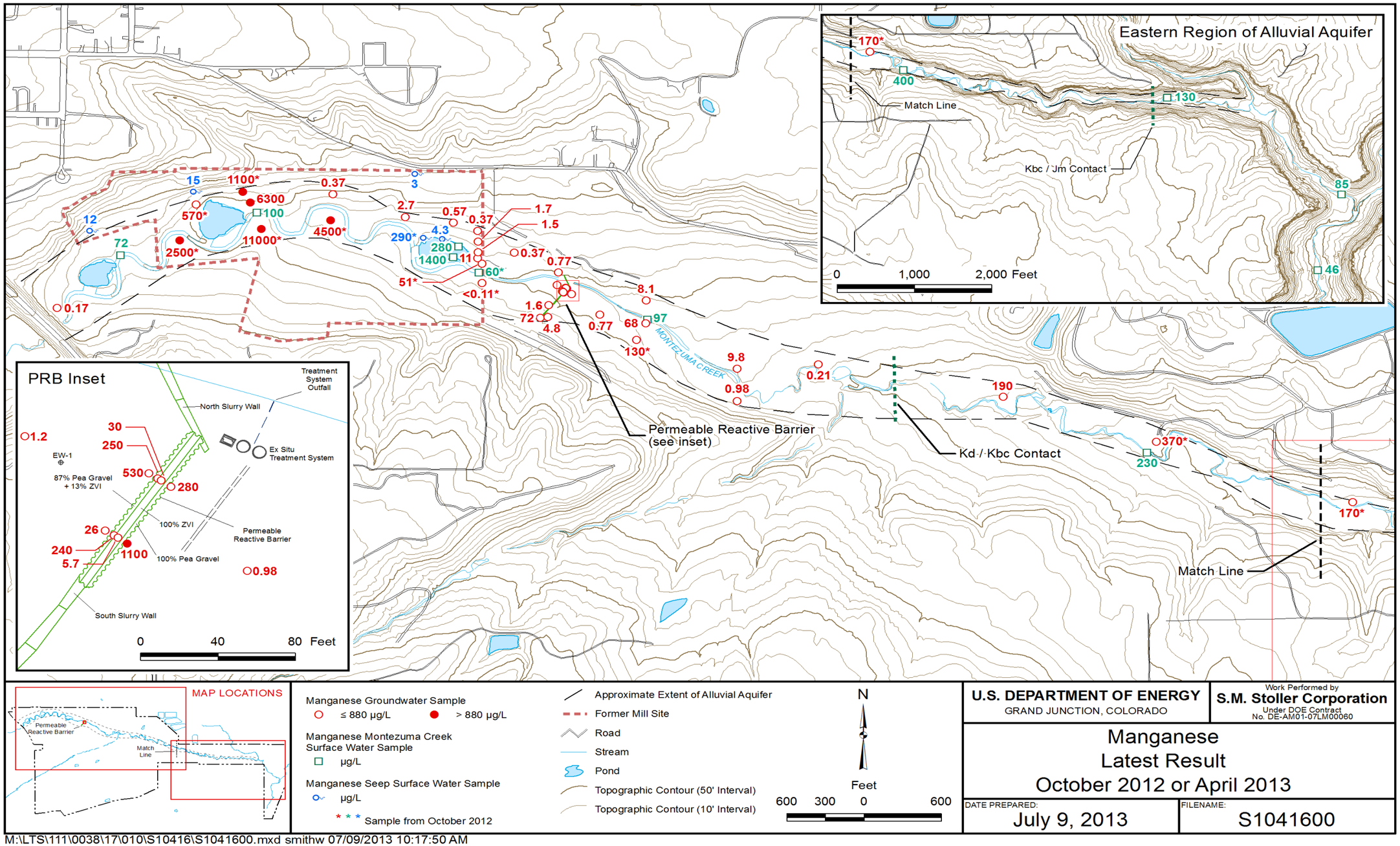

Figure 6. Distribution of Manganese in Surface Water and Alluvial Aquifer Groundwater, April 2013

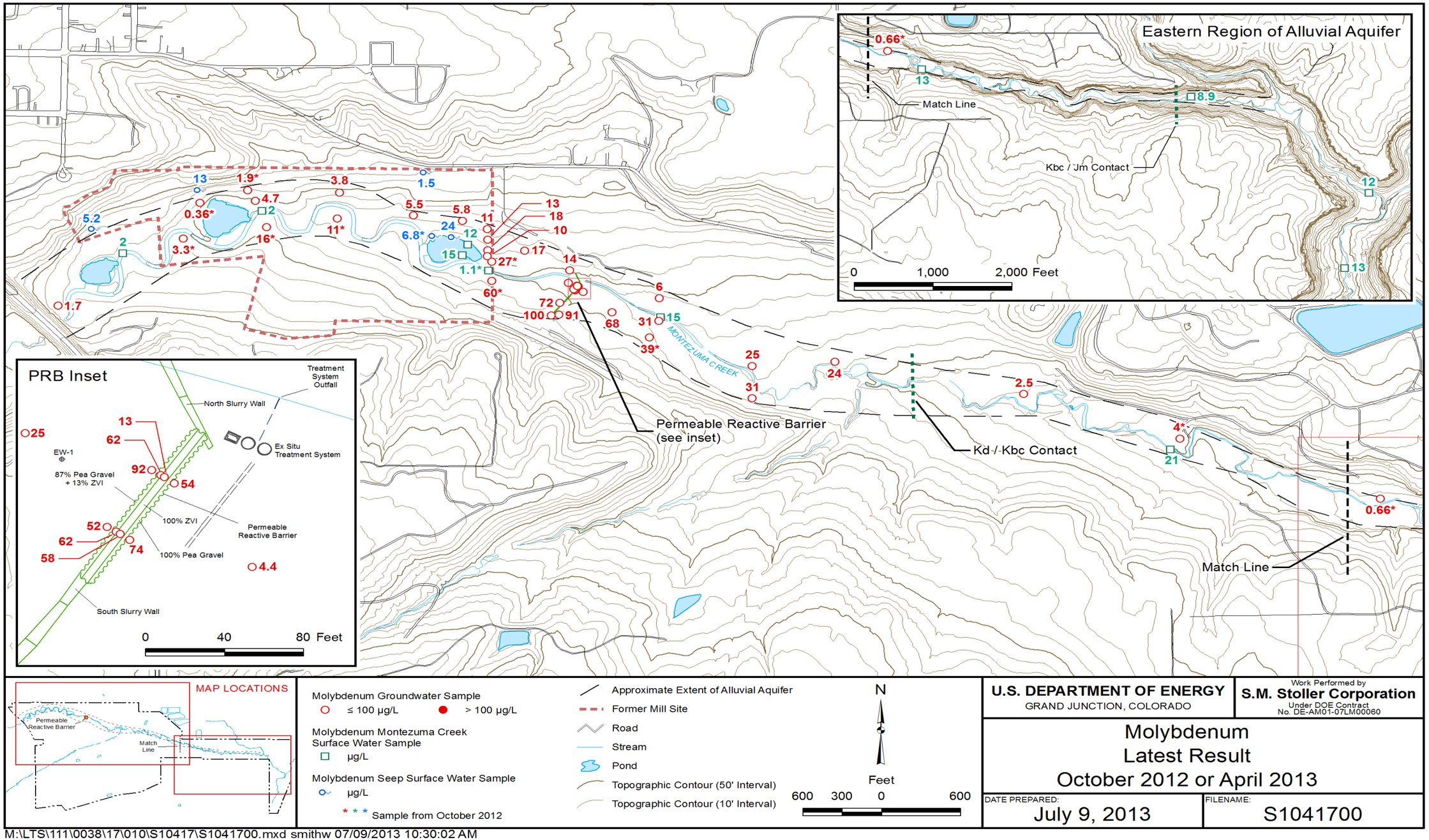

Figure 7. Distribution of Molybdenum in Surface Water and Alluvial Aquifer Groundwater, April 2013

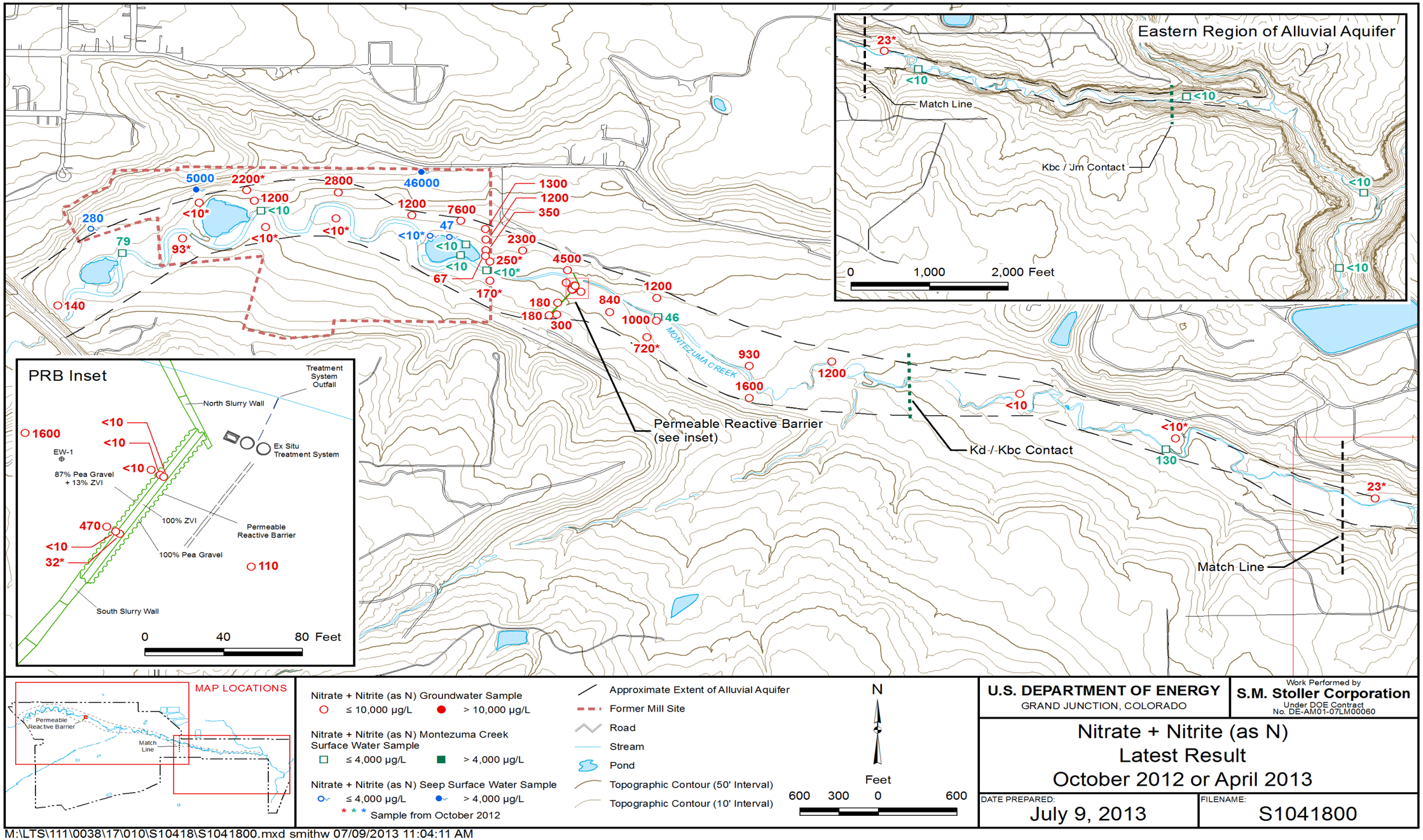

Figure 8. Distribution of Nitrate (as Nitrogen) in Surface Water and Alluvial Aquifer Groundwater, April 2013

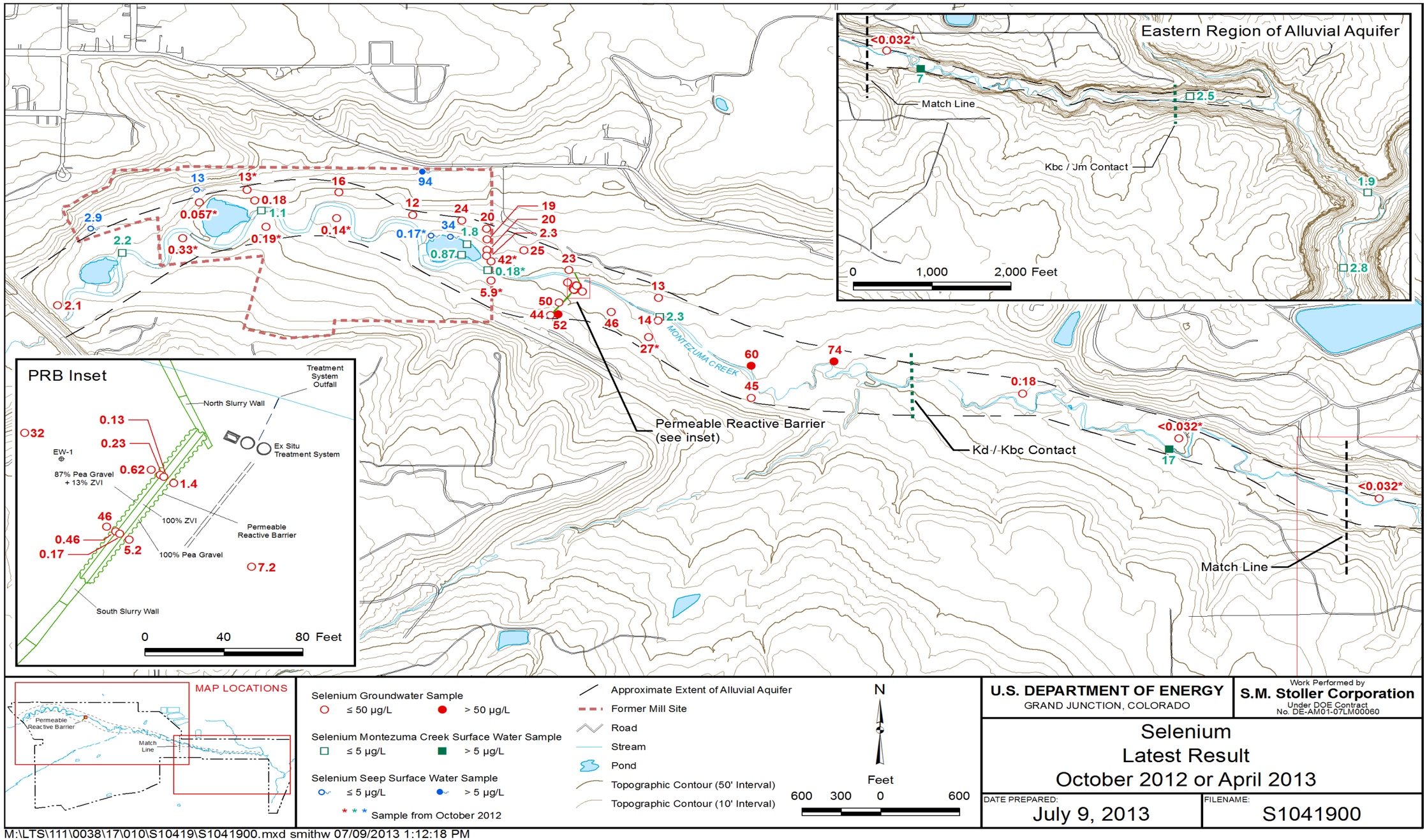

Figure 9. Distribution of Selenium in Surface Water and Alluvial Aquifer Groundwater, April 2013

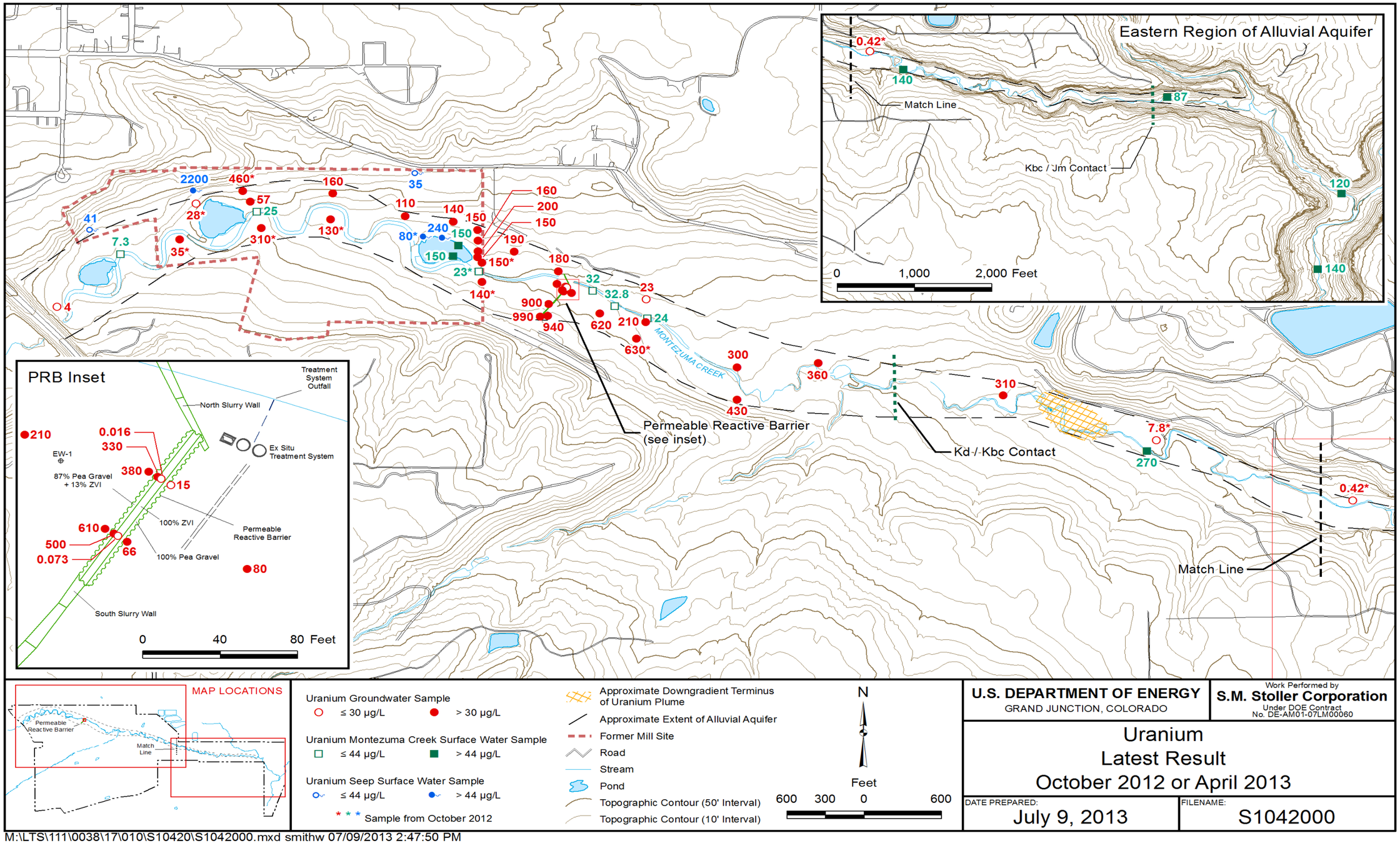

Figure 10. Distribution of Uranium in Surface Water and Alluvial Aquifer Groundwater, April 2013

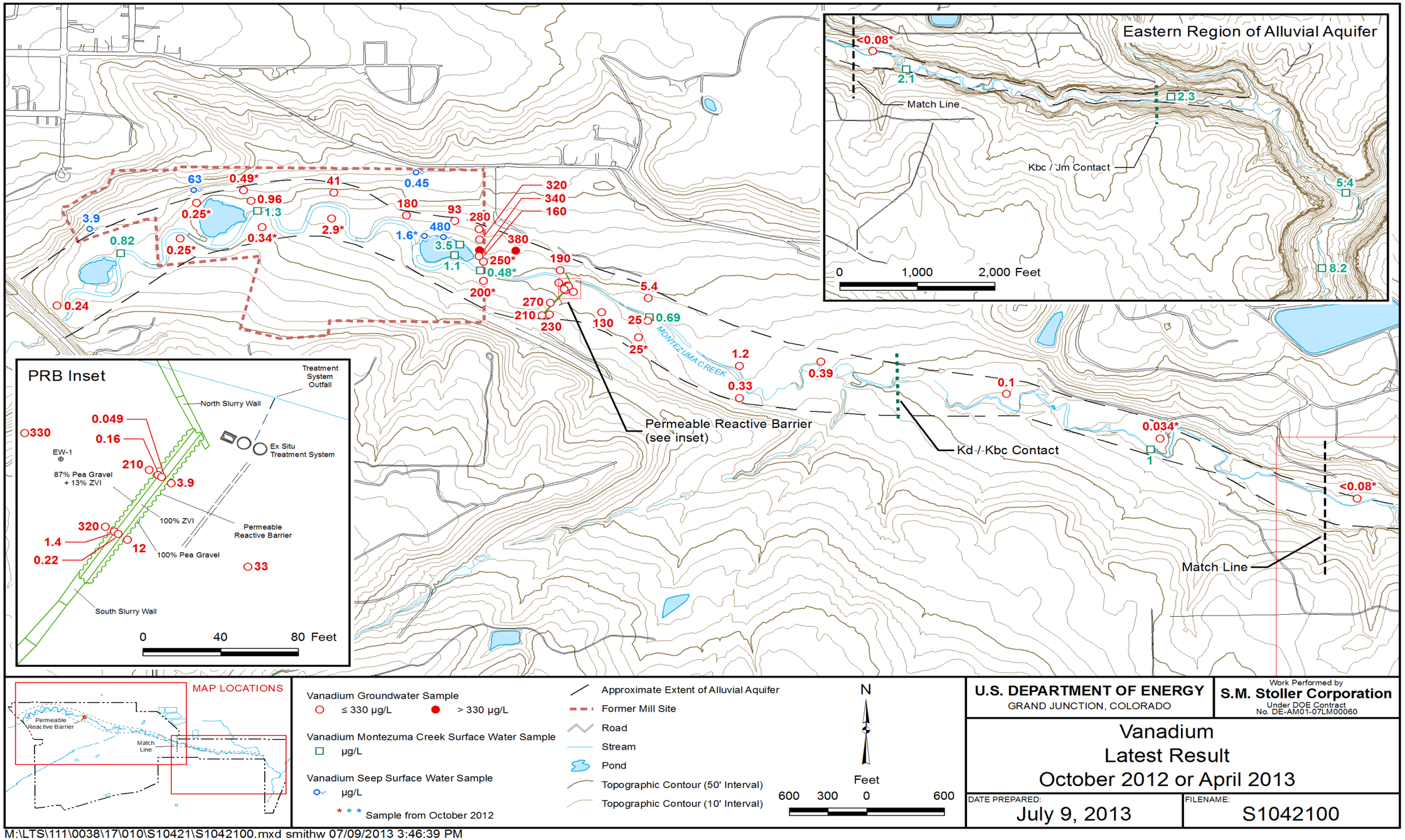

Figure 11. Distribution of Vanadium in Surface Water and Alluvial Aquifer Groundwater, April 2013

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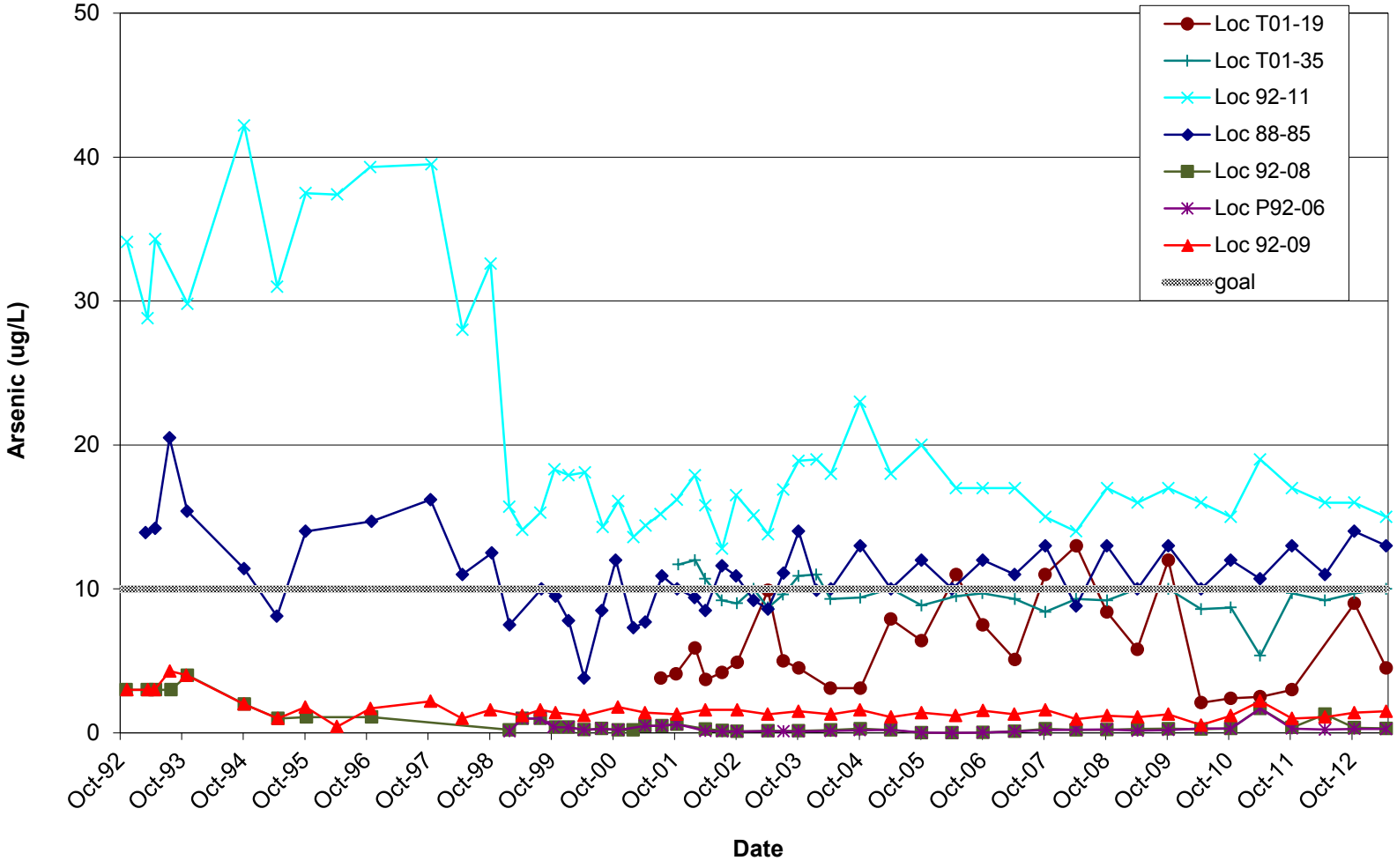

Figure 12. Arsenic Concentration over Time at Selected Alluvial Aquifer Monitoring Wells

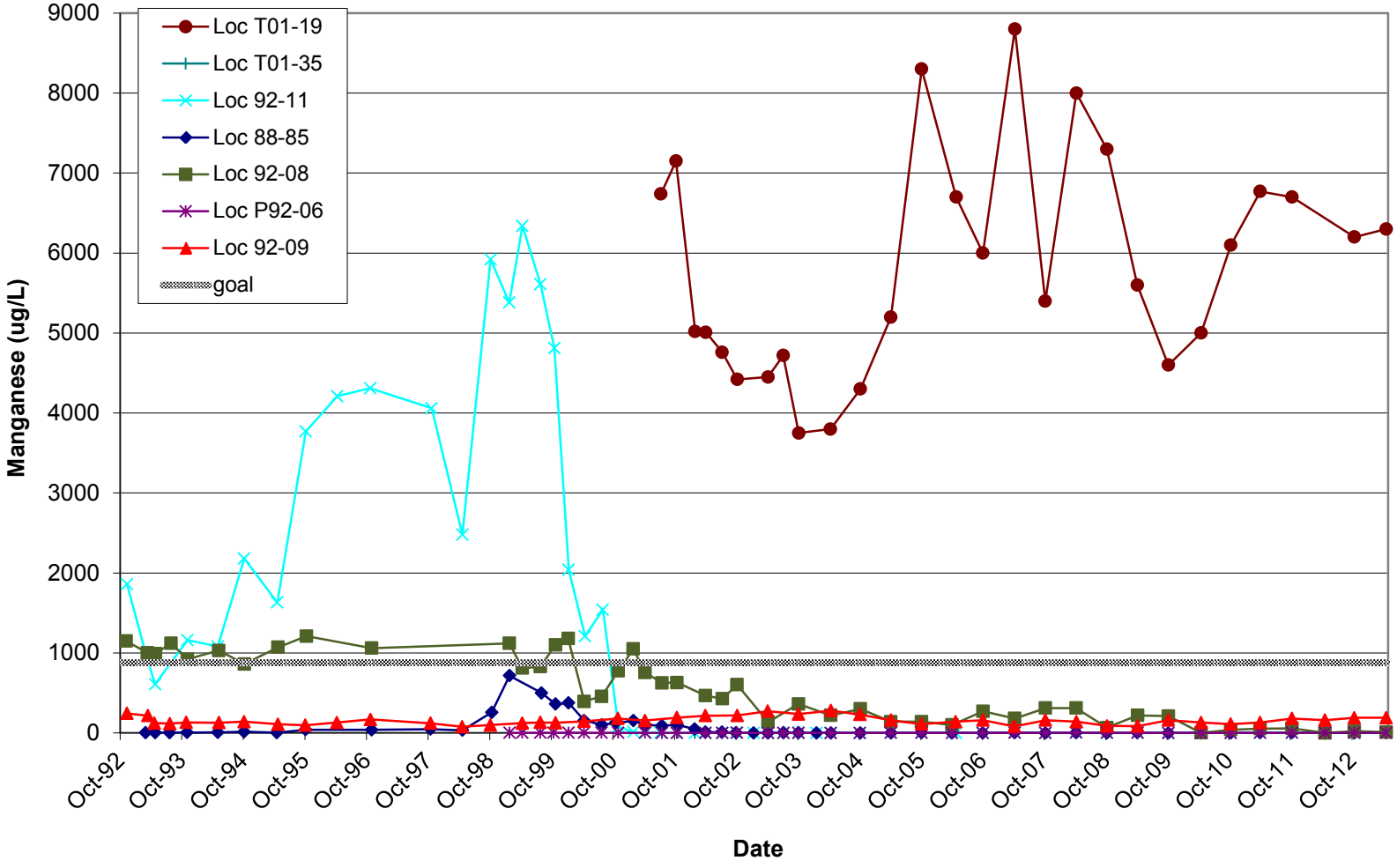

Figure 13. Manganese Concentration over Time at Selected Alluvial Aquifer Monitoring Wells

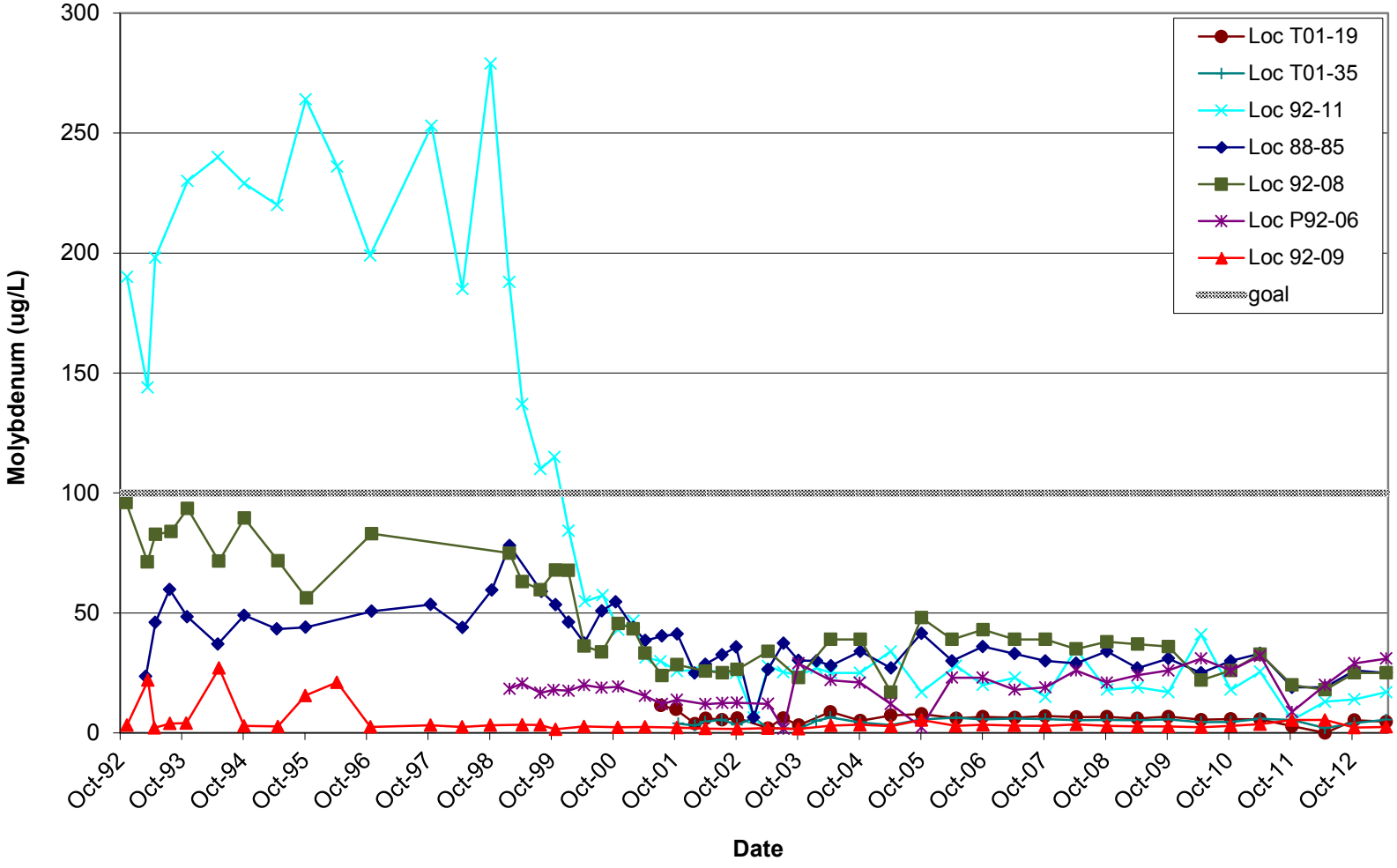

Figure 14. Molybdenum Concentration over Time at Selected Alluvial Aquifer Monitoring Wells

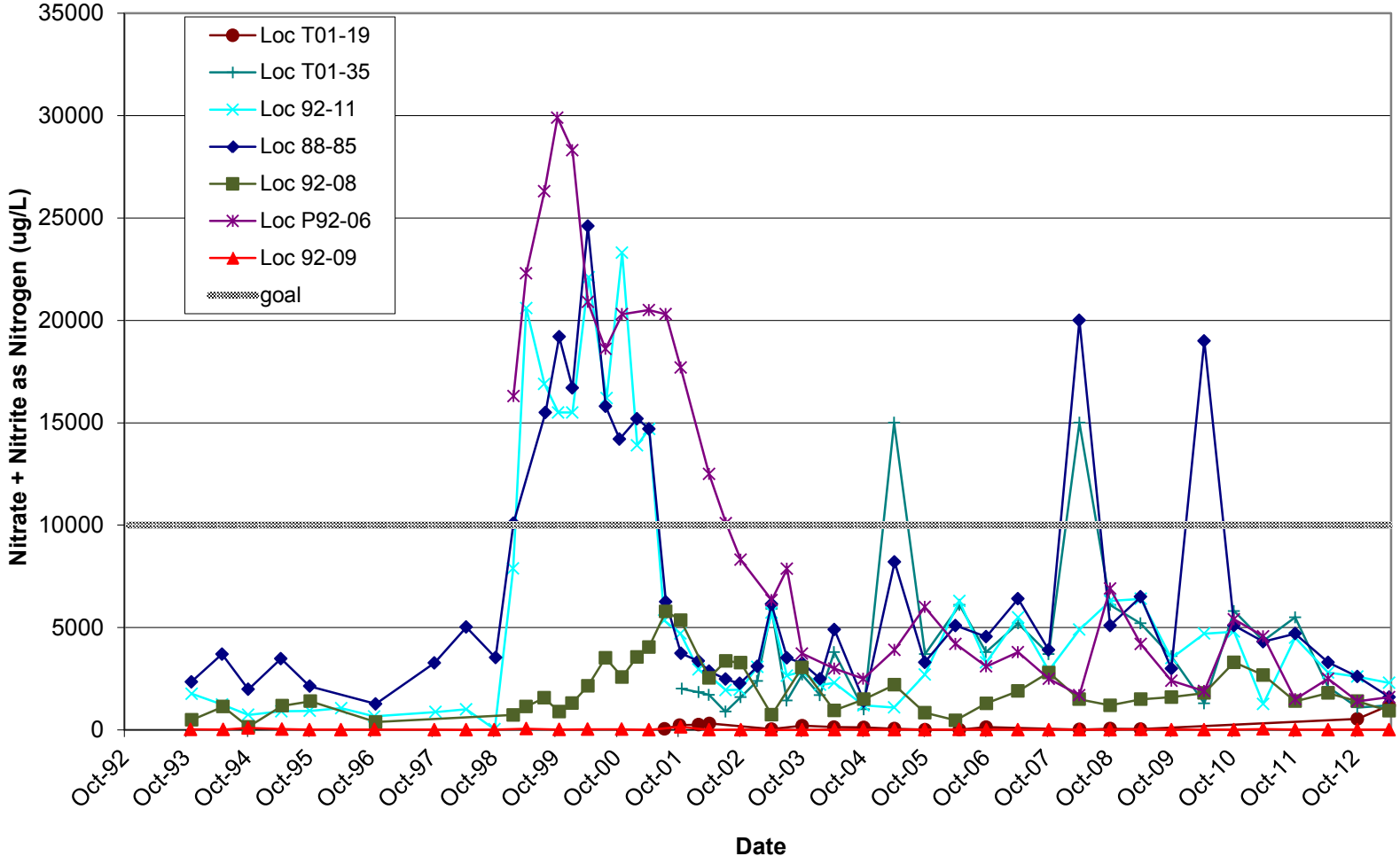

Figure 15. Nitrate (as Nitrogen) Concentration over Time at Selected Alluvial Aquifer Monitoring Wells

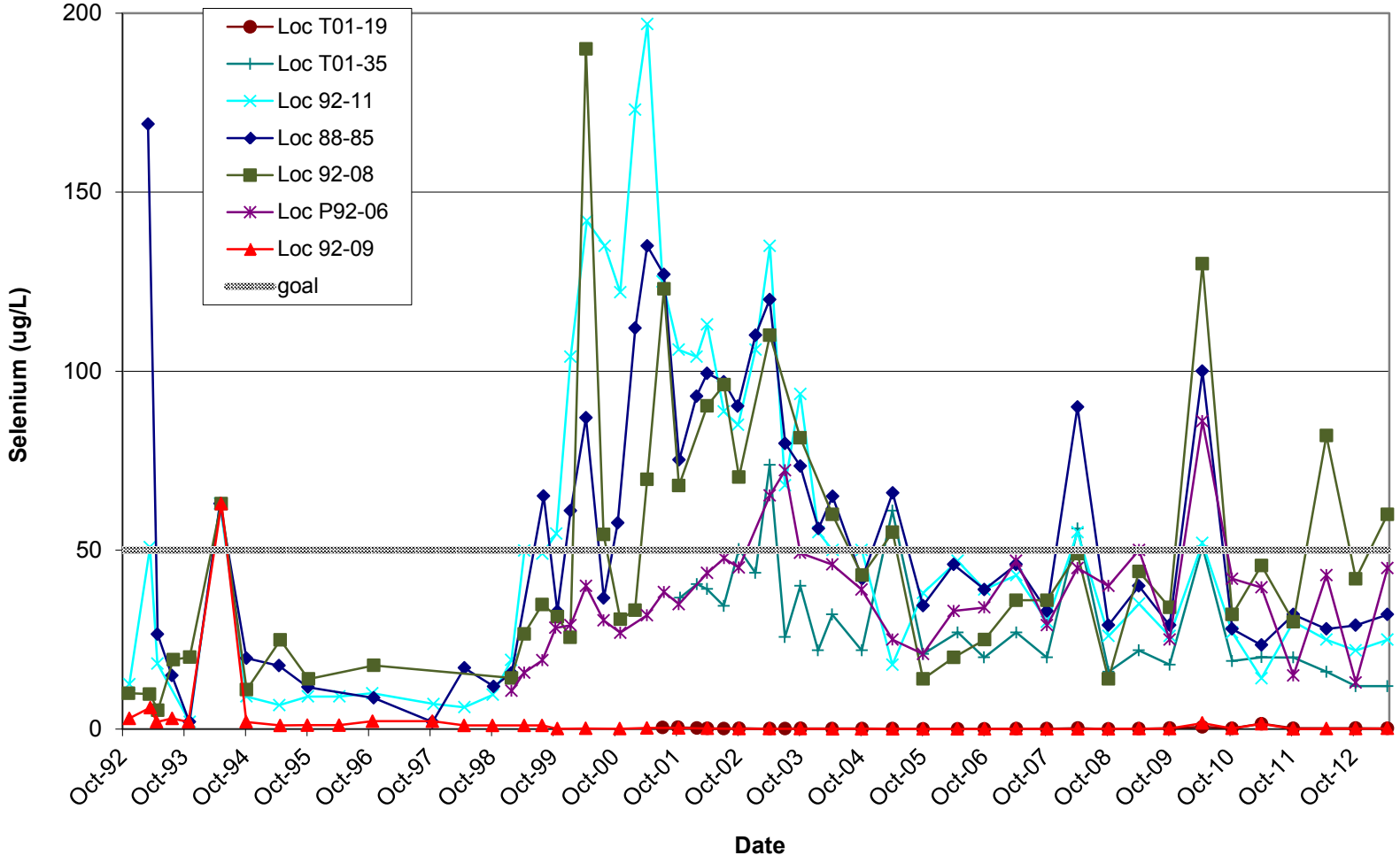

Figure 16. Selenium Concentration over Time at Selected Alluvial Aquifer Monitoring Wells

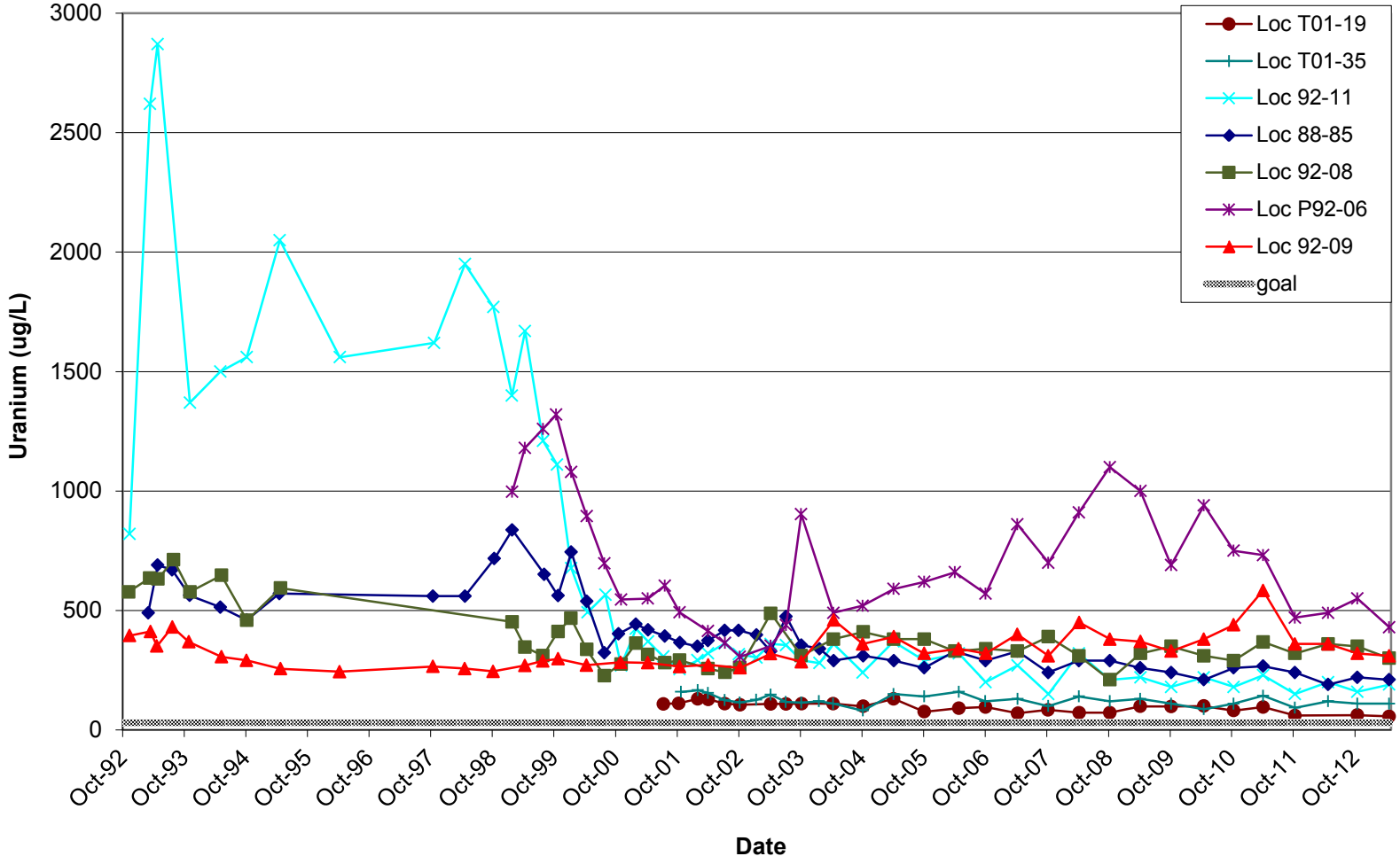

Figure 17. Uranium Concentration over Time at Selected Alluvial Aquifer Monitoring Wells

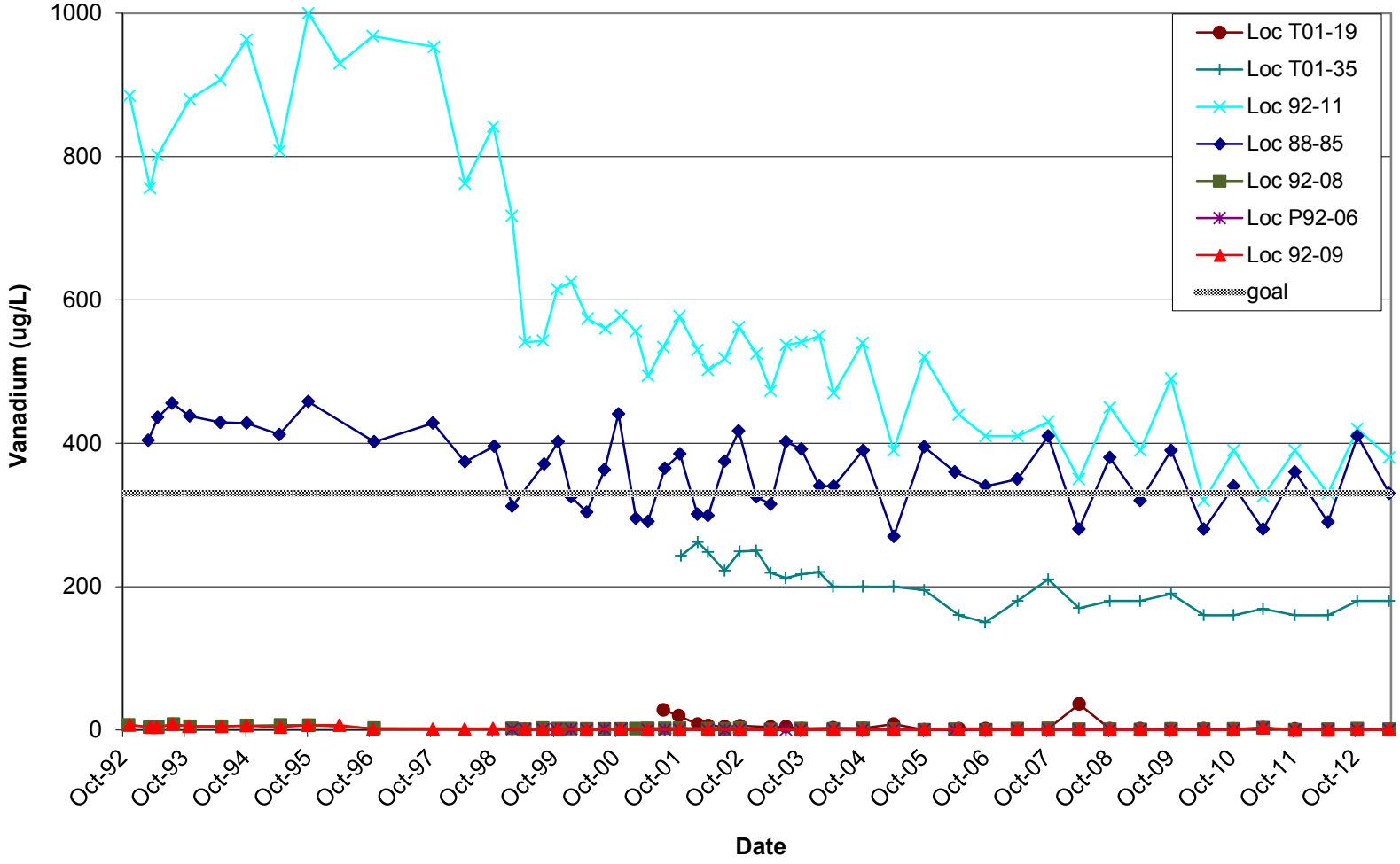

Figure 18. Vanadium Concentration over Time at Selected Alluvial Aquifer Monitoring Wells

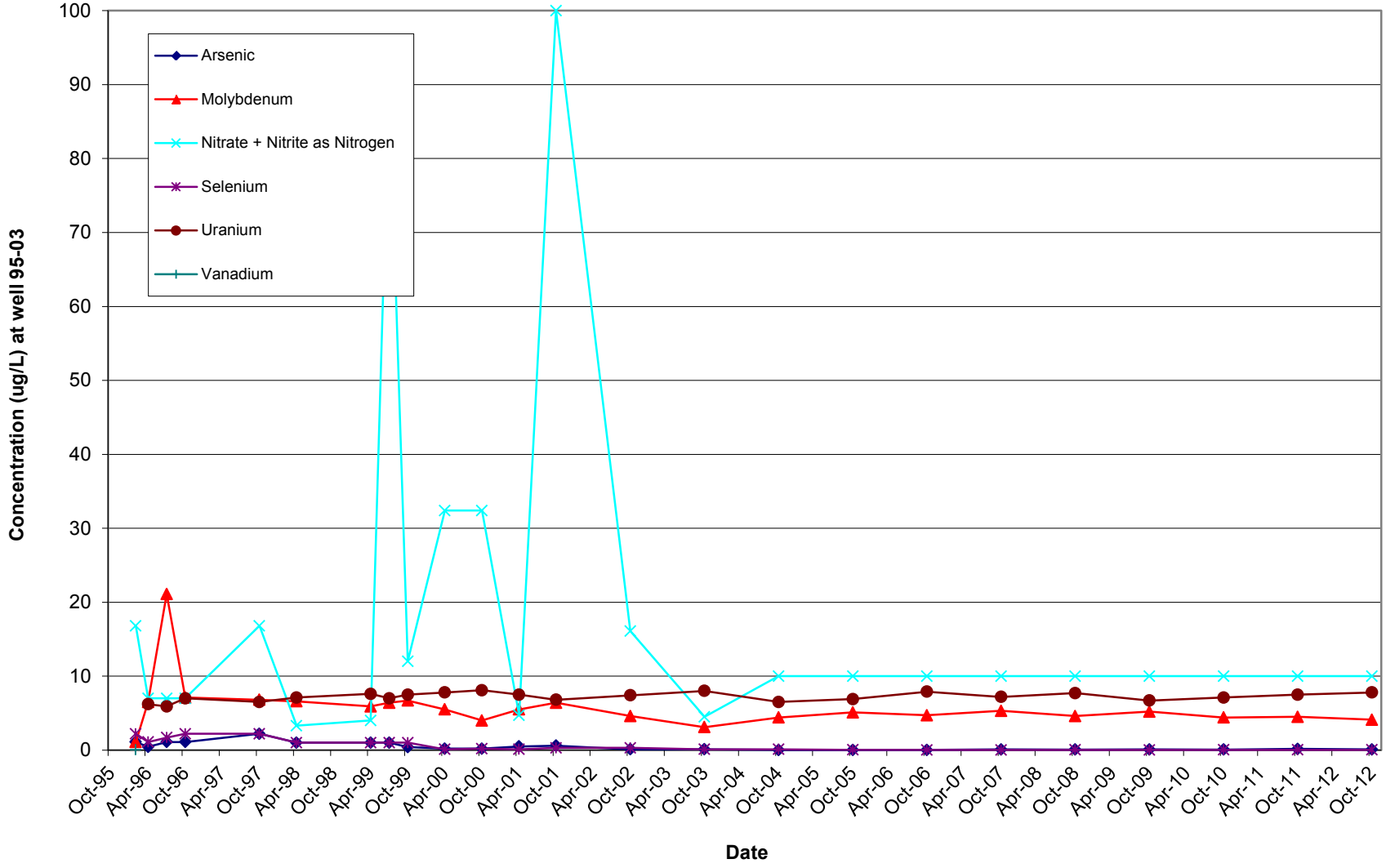

Figure 19. Contaminant Concentrations over Time at Sentinel Well 95-03

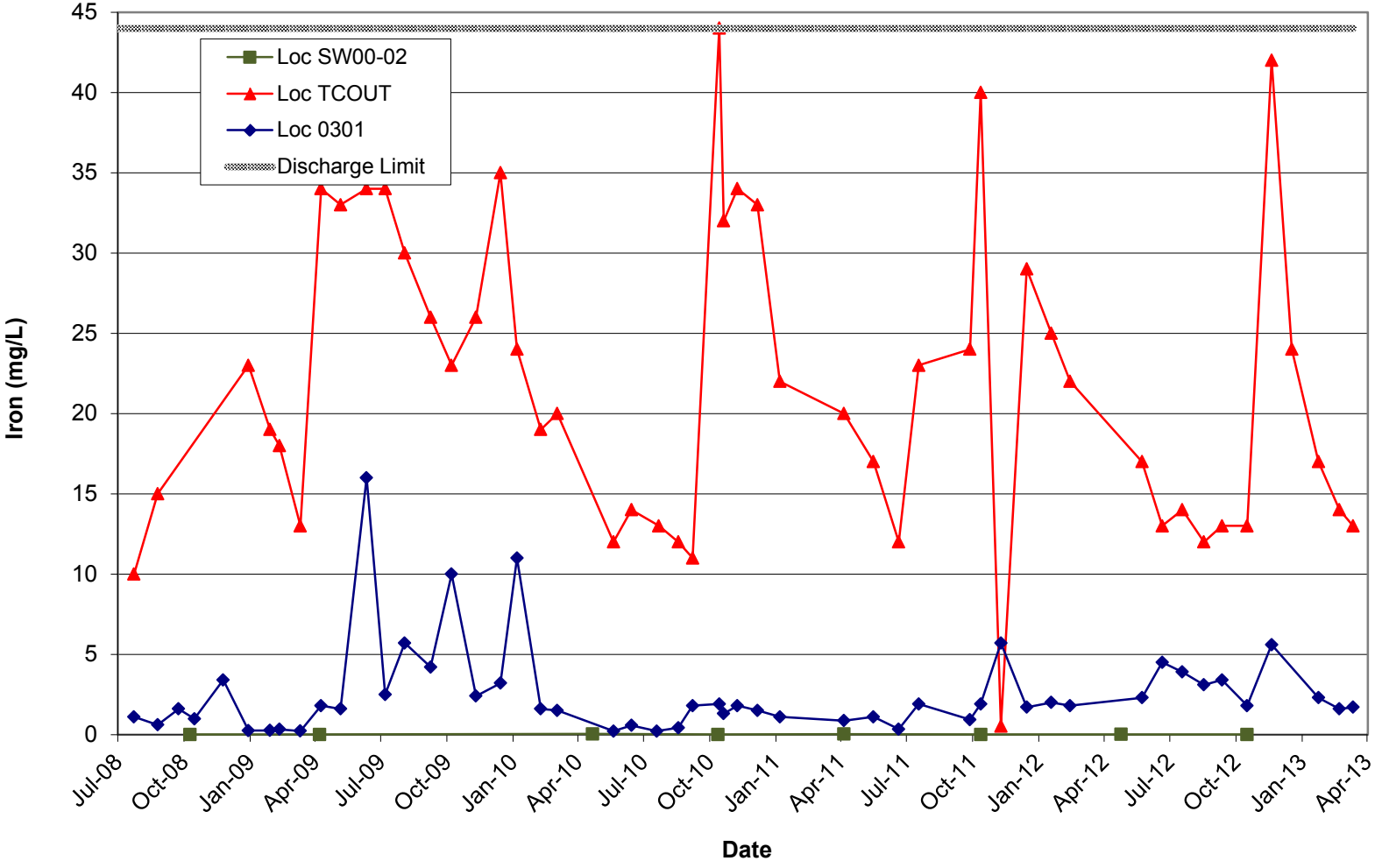

Figure 20. Ex Situ Treatment System Monitoring Results, Iron

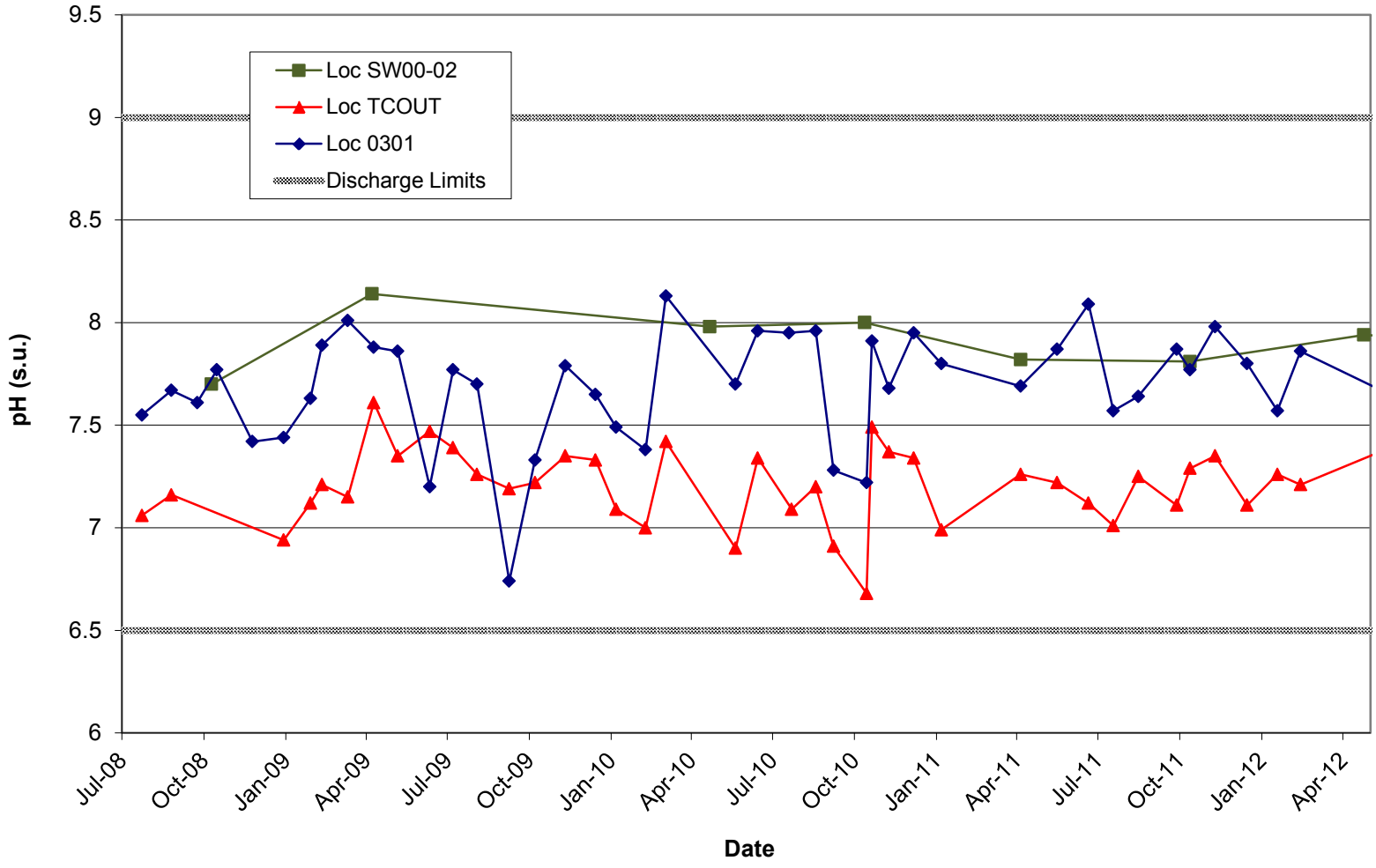

Figure 21. Ex Situ Treatment System Monitoring Results, pH

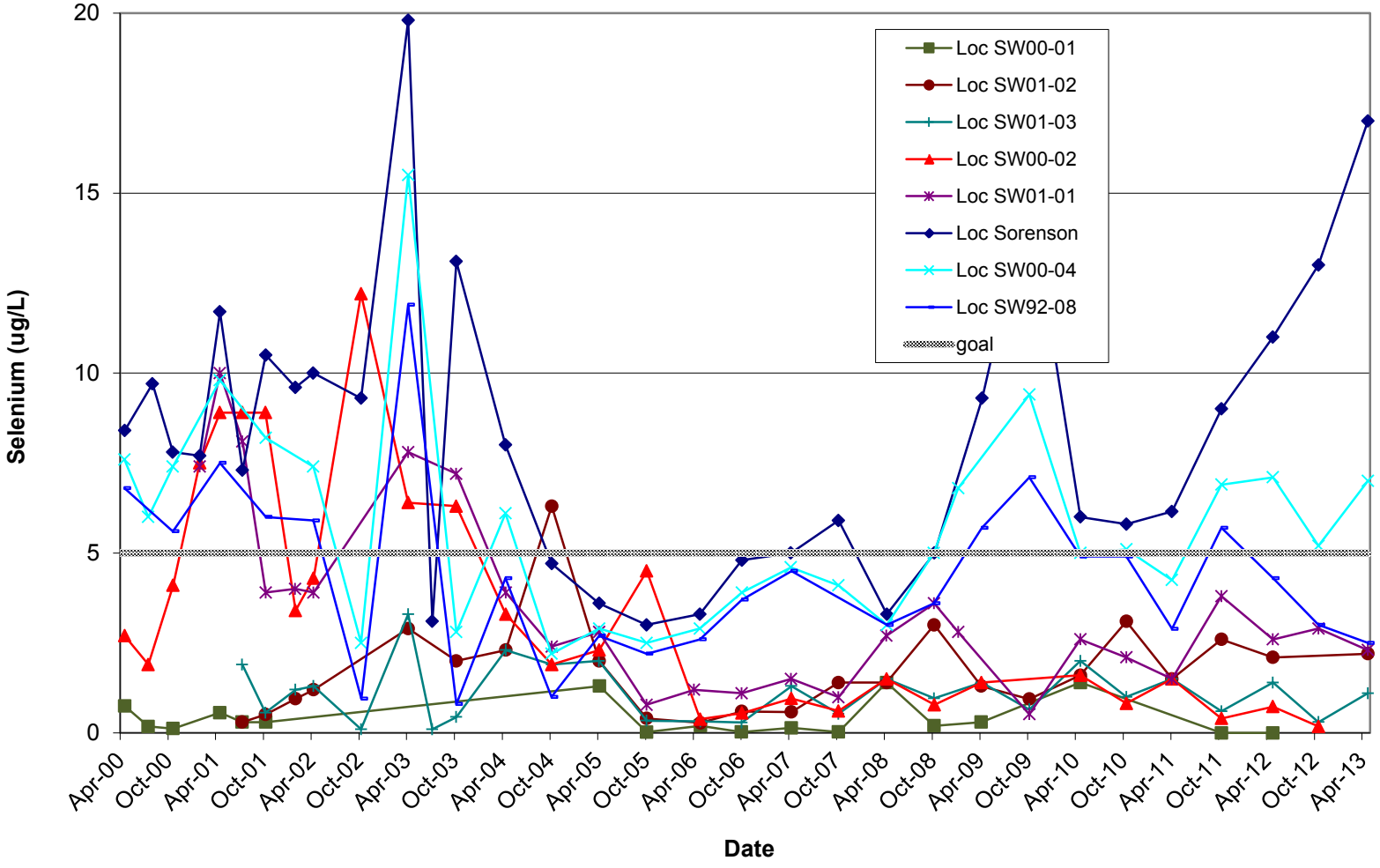

Figure 22. Selenium Concentration over Time in Montezuma Creek

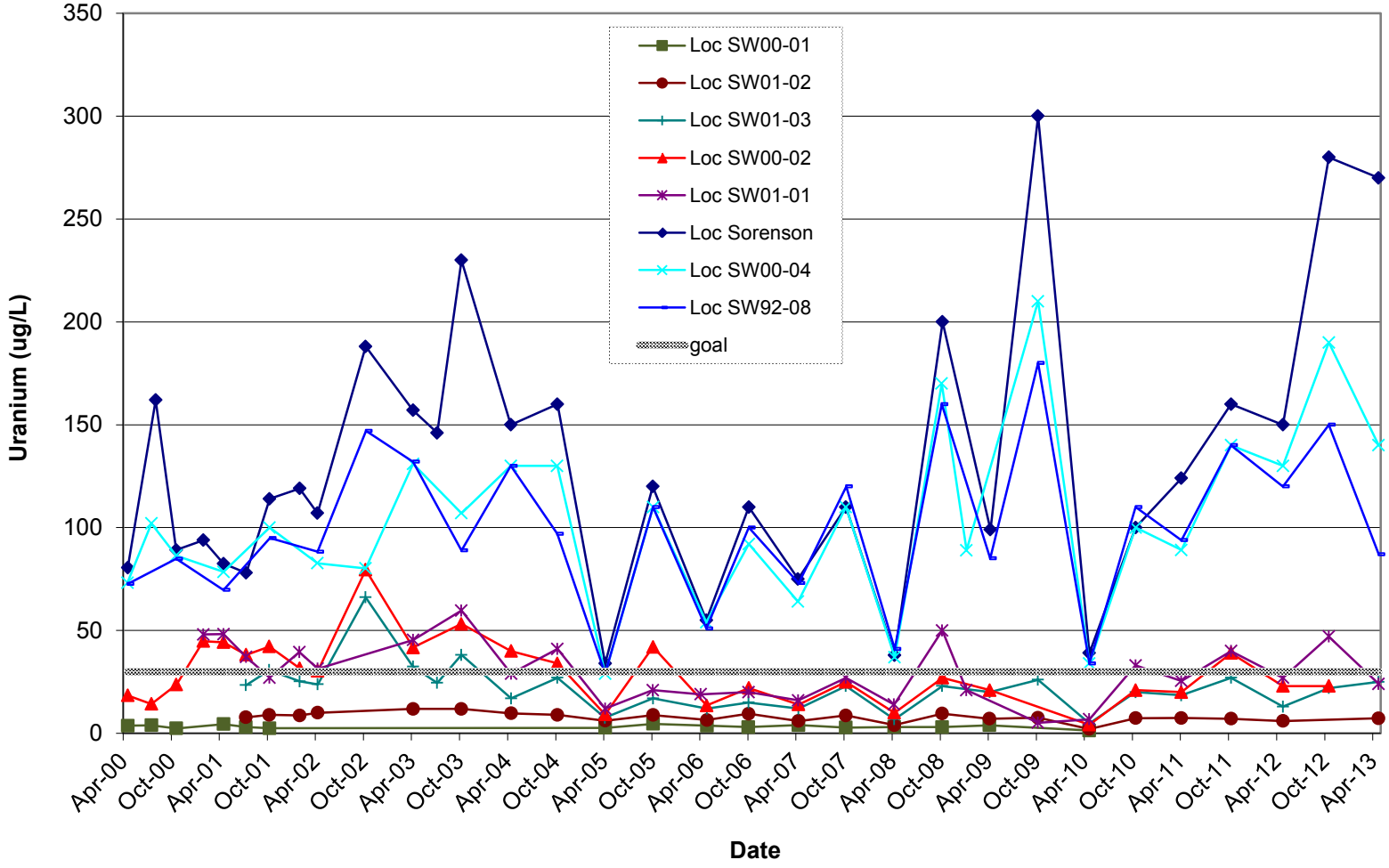

Figure 23. Uranium Concentration over Time in Montezuma Creek

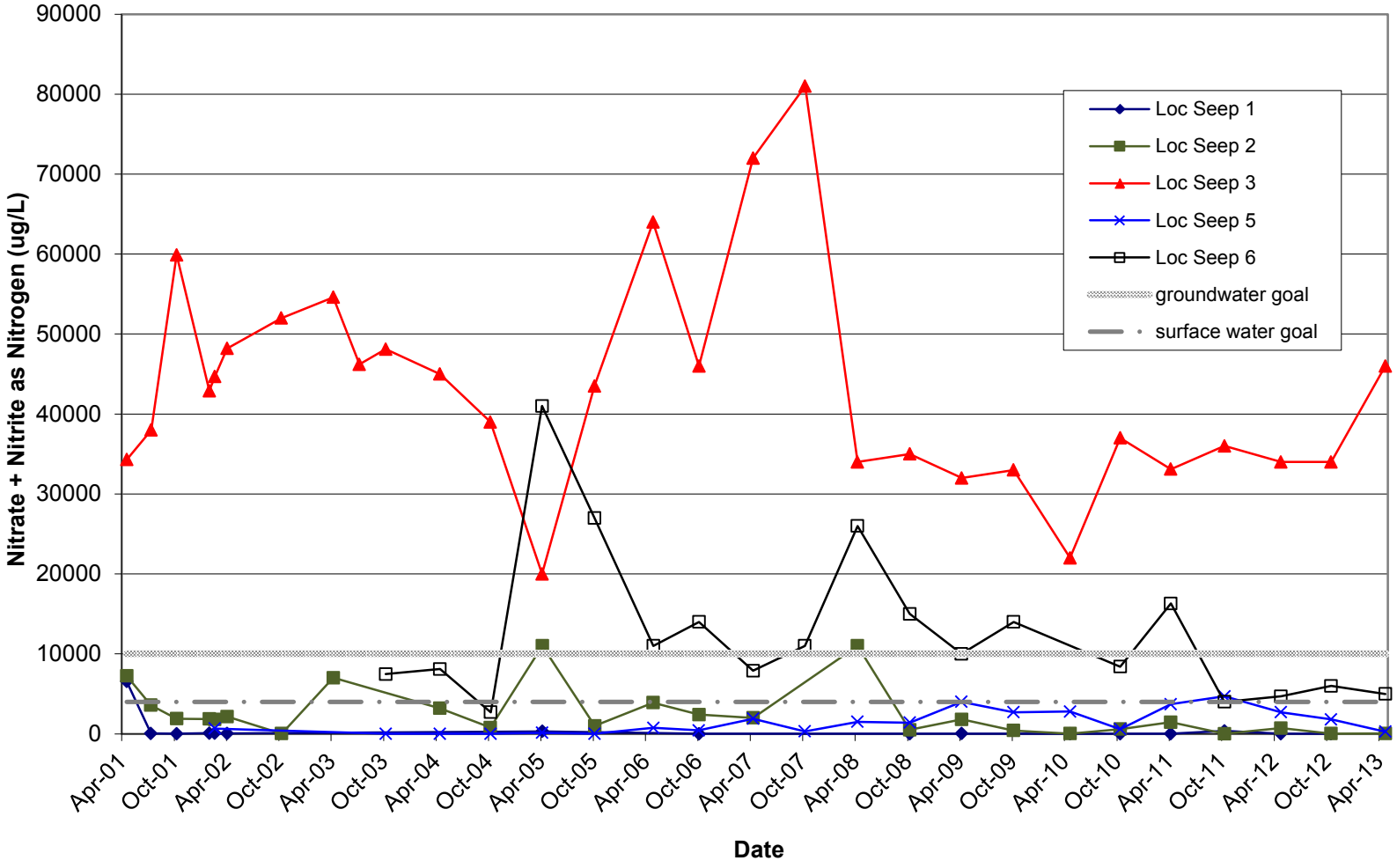

Figure 24. Nitrate (as Nitrogen) Concentration over Time at Selected Seep Locations

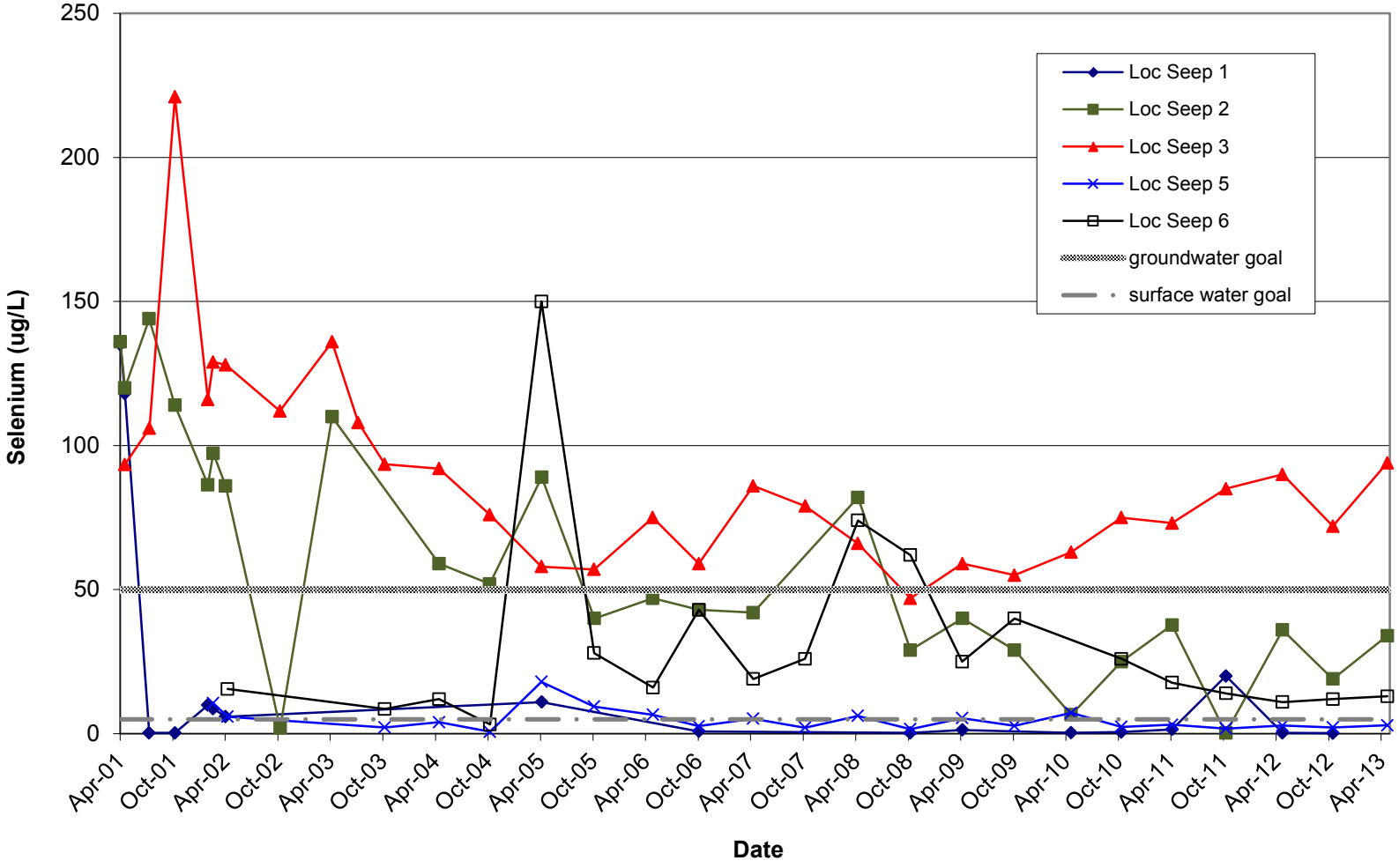

Figure 25. Selenium Concentration over Time at Selected Seep Locations

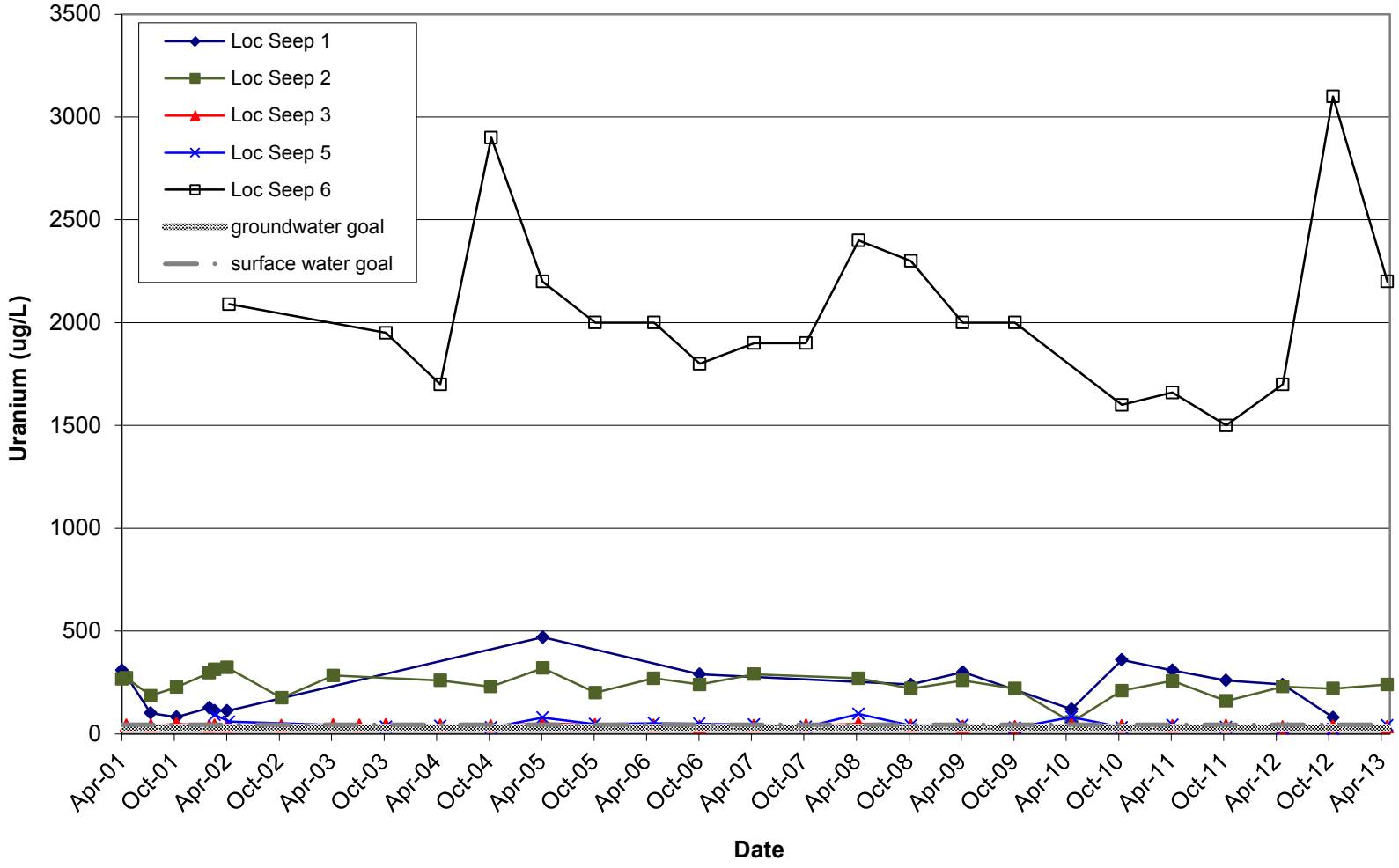

Figure 26. Uranium Concentration over Time at Selected Seep Locations

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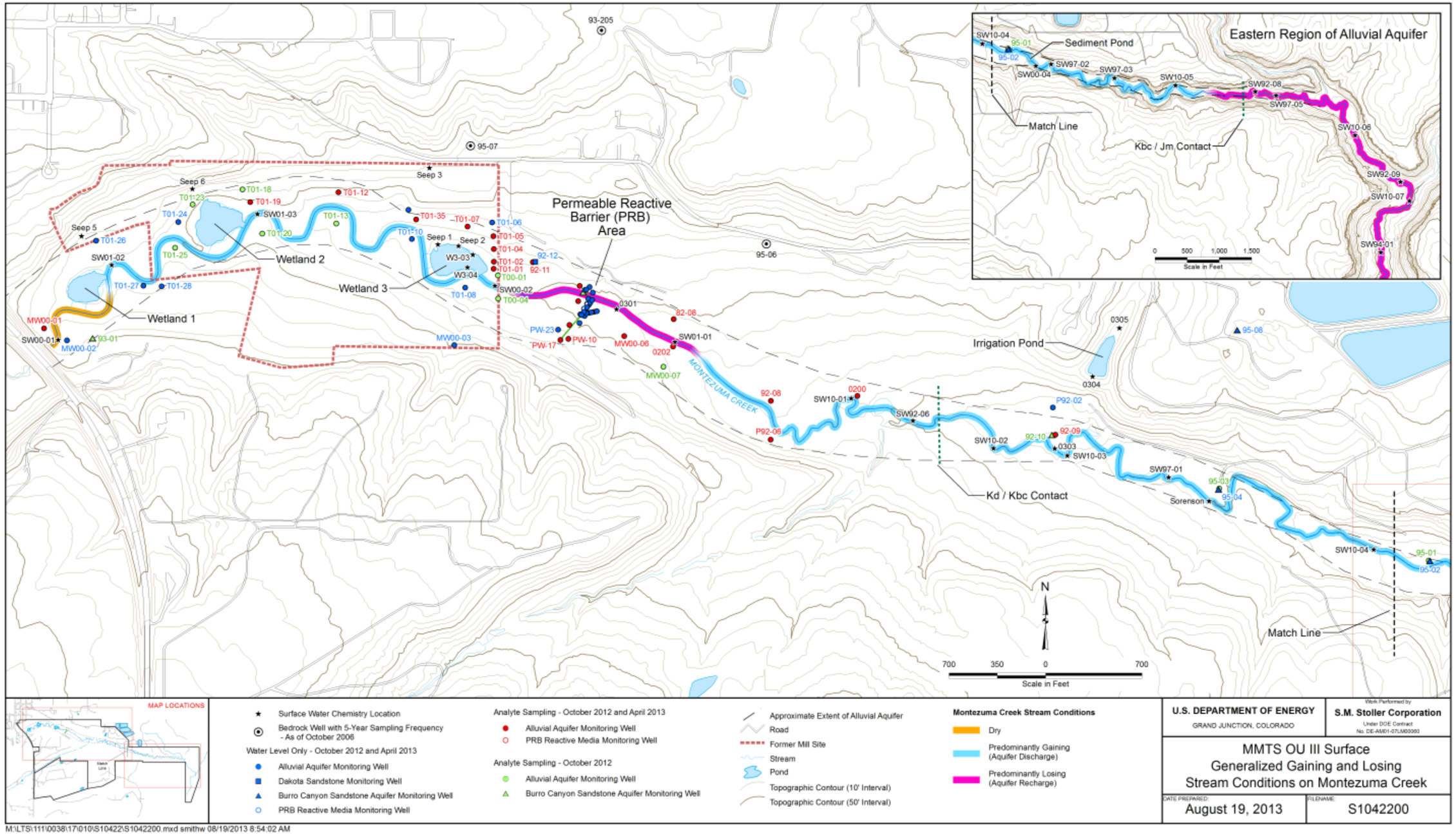

Figure 27. Generalized Gaining and Losing Stream Conditions on Montezuma Creek

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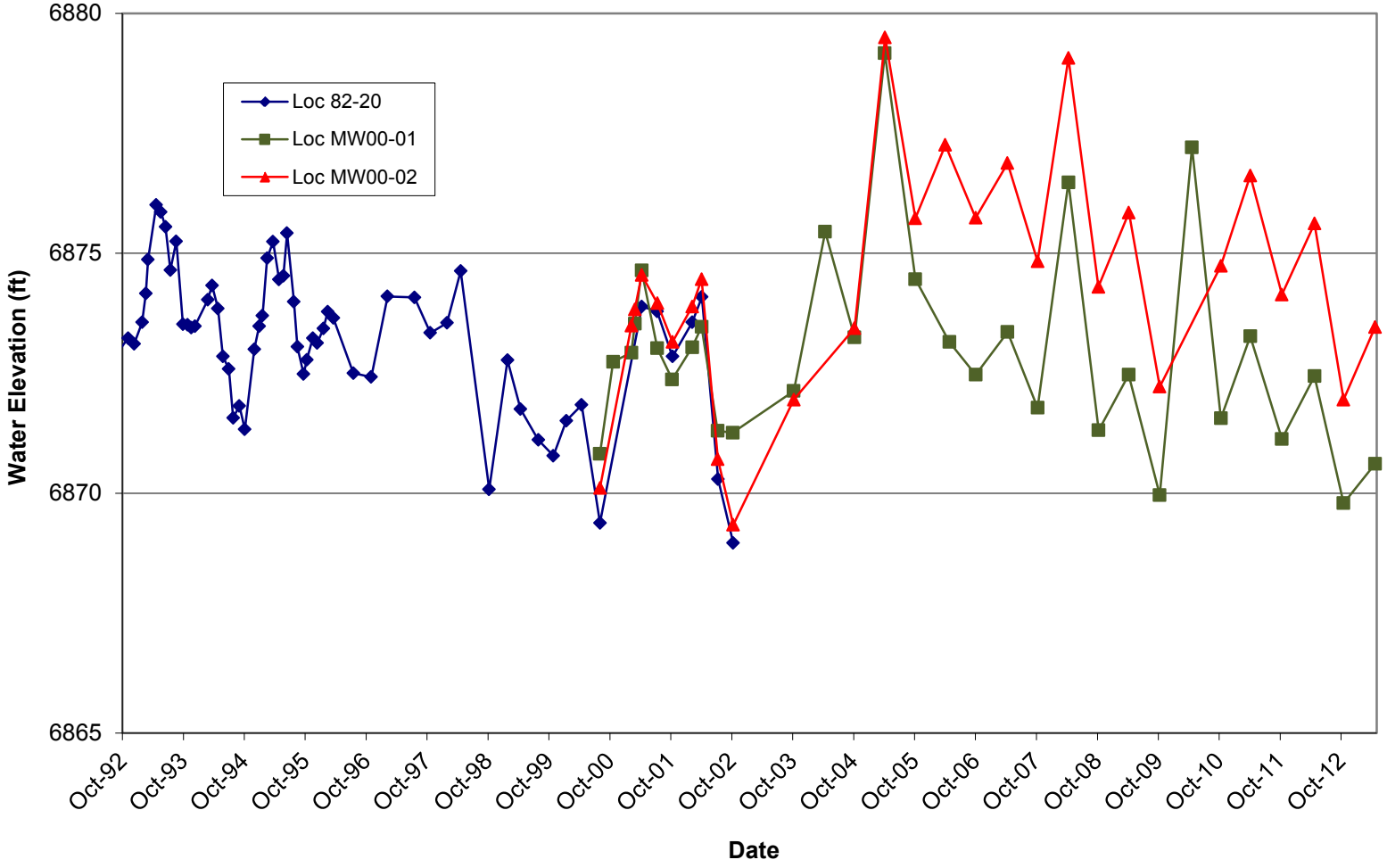

Figure 28. Water Level Hydrographs for Upgradient Alluvial Wells

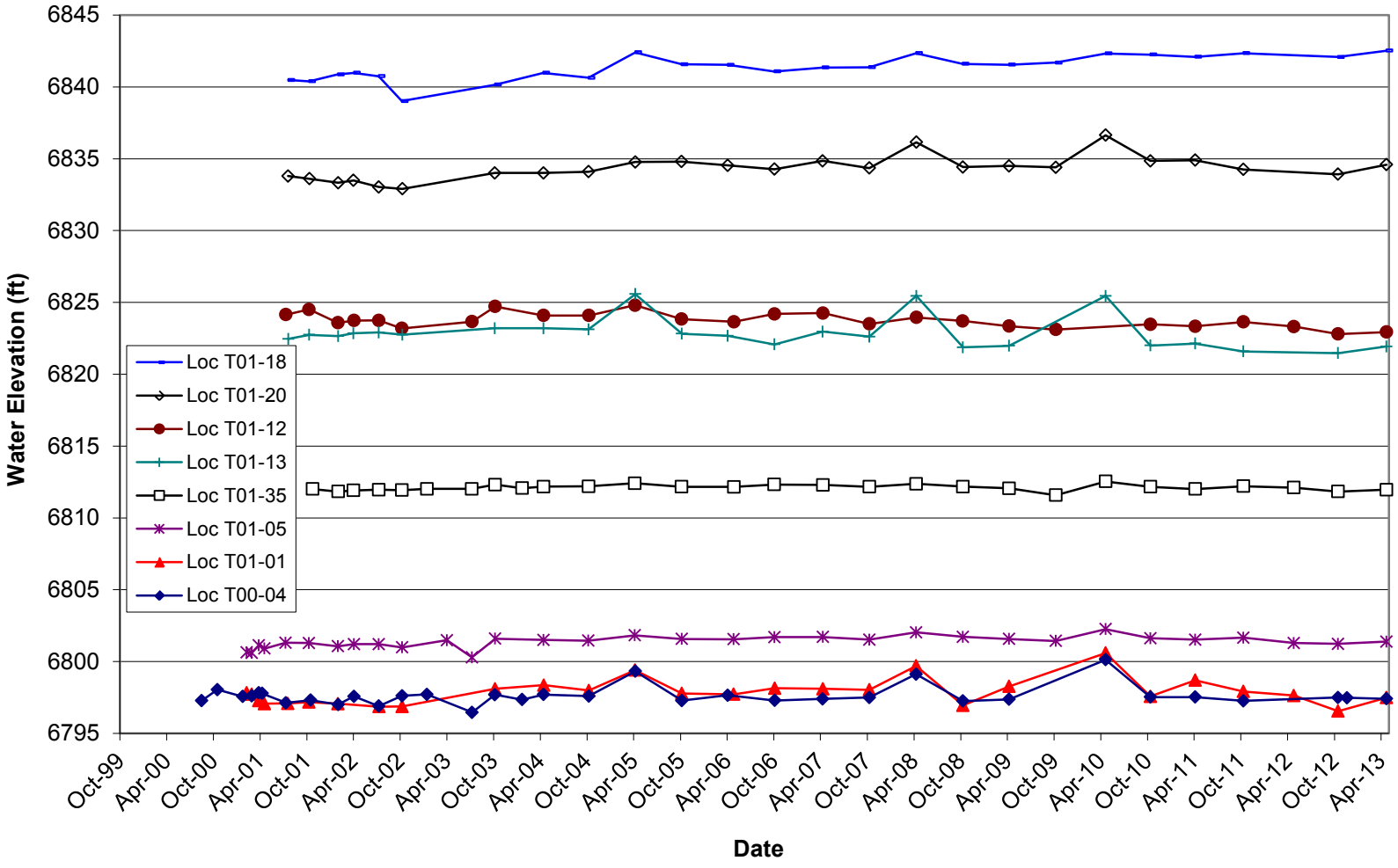

Figure 29. Water Level Hydrographs for Selected Mill Site Alluvial Wells

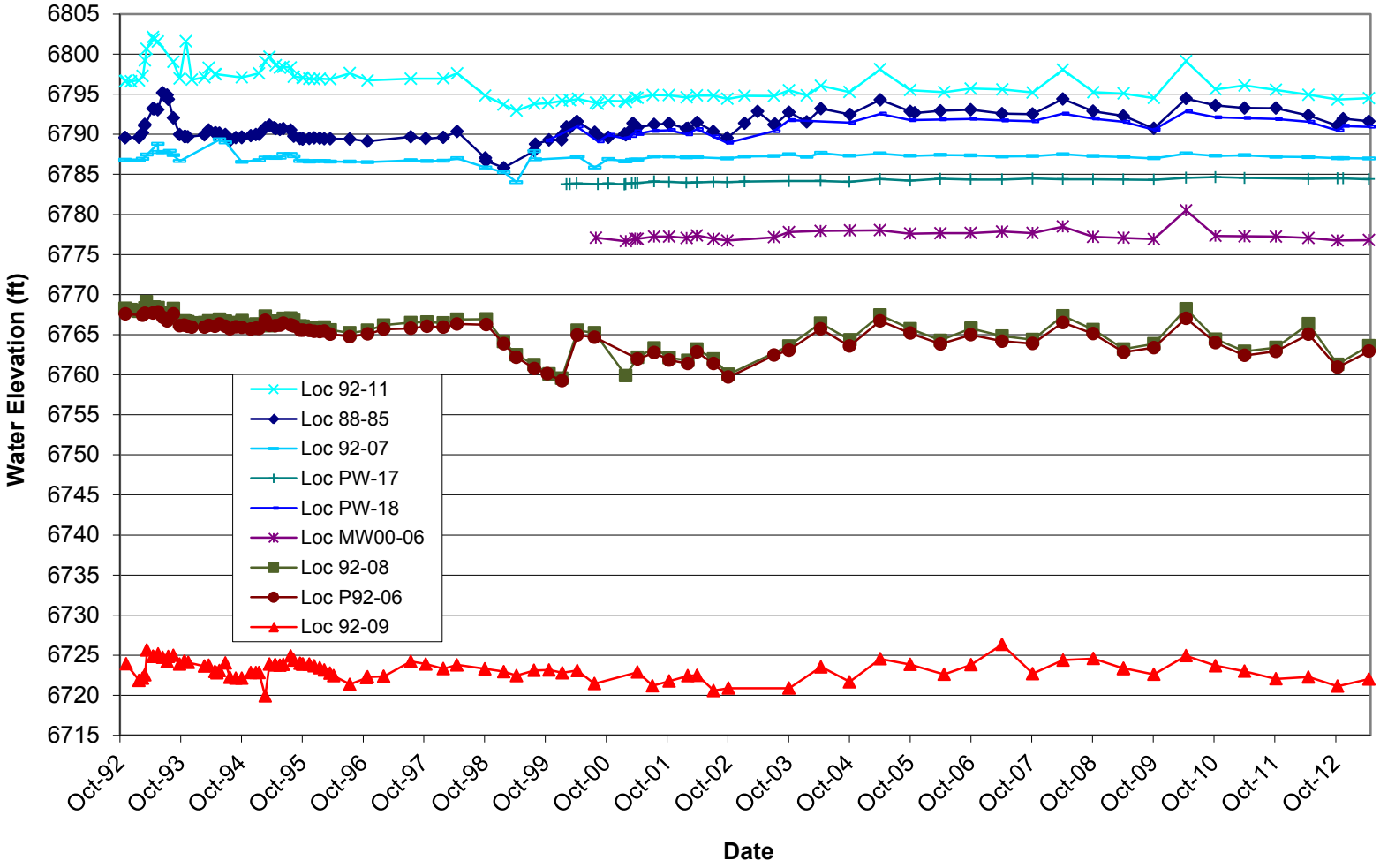

Figure 30. Water Level Hydrographs for Downgradient Wells

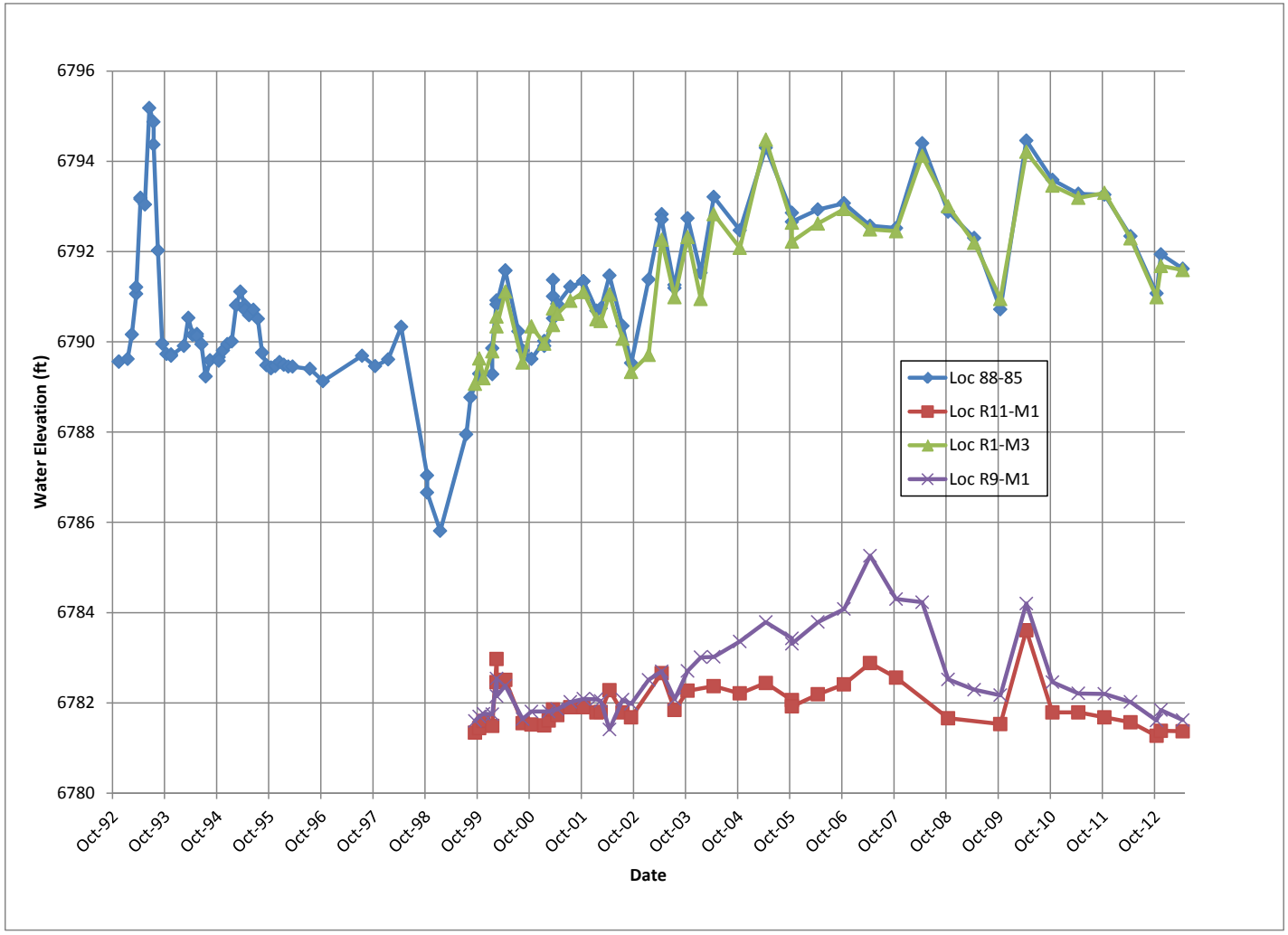

Figure 31. Water Level Hydrographs for Wells at PRB

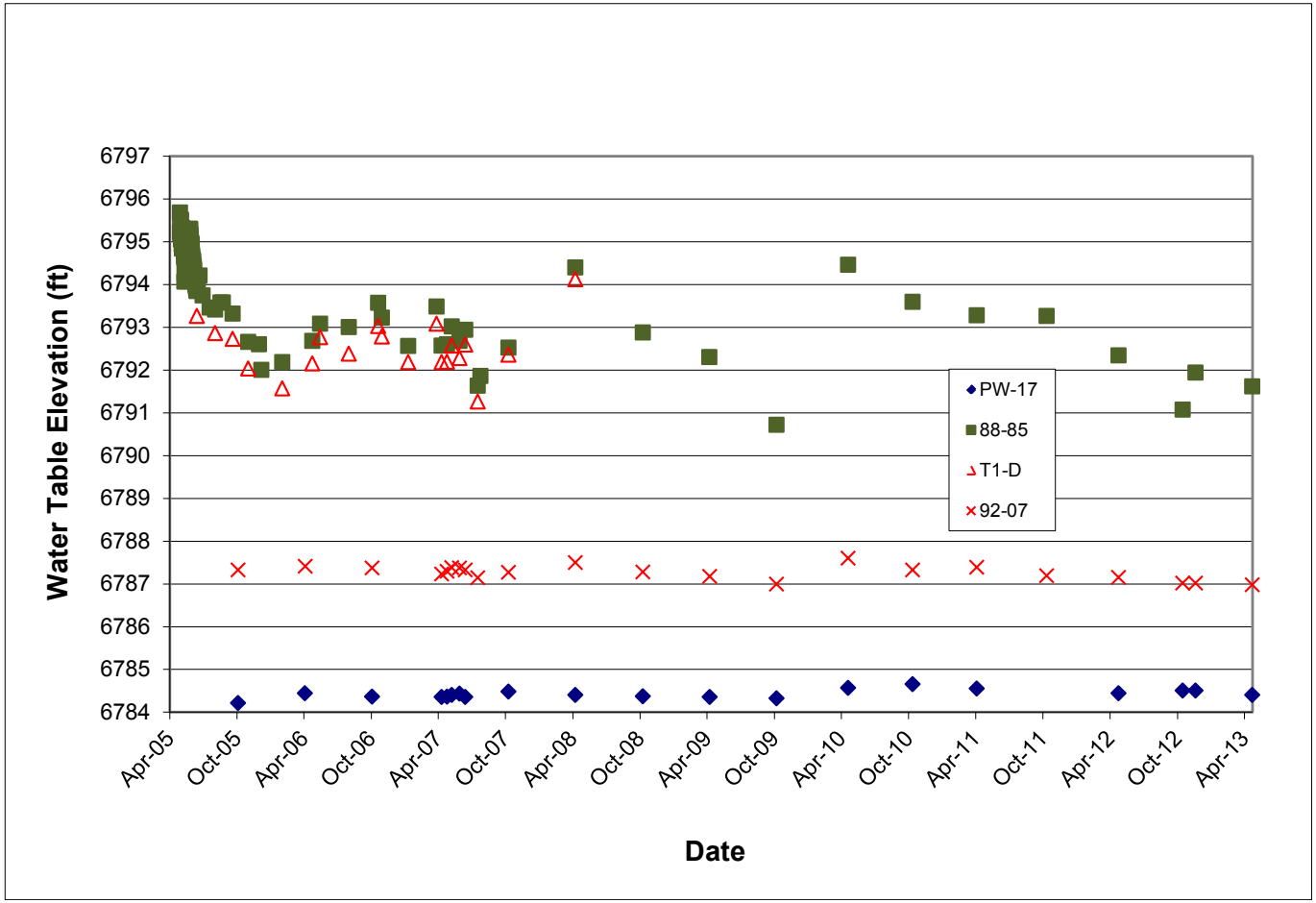

Figure 32. Water Table Trends near the PRB

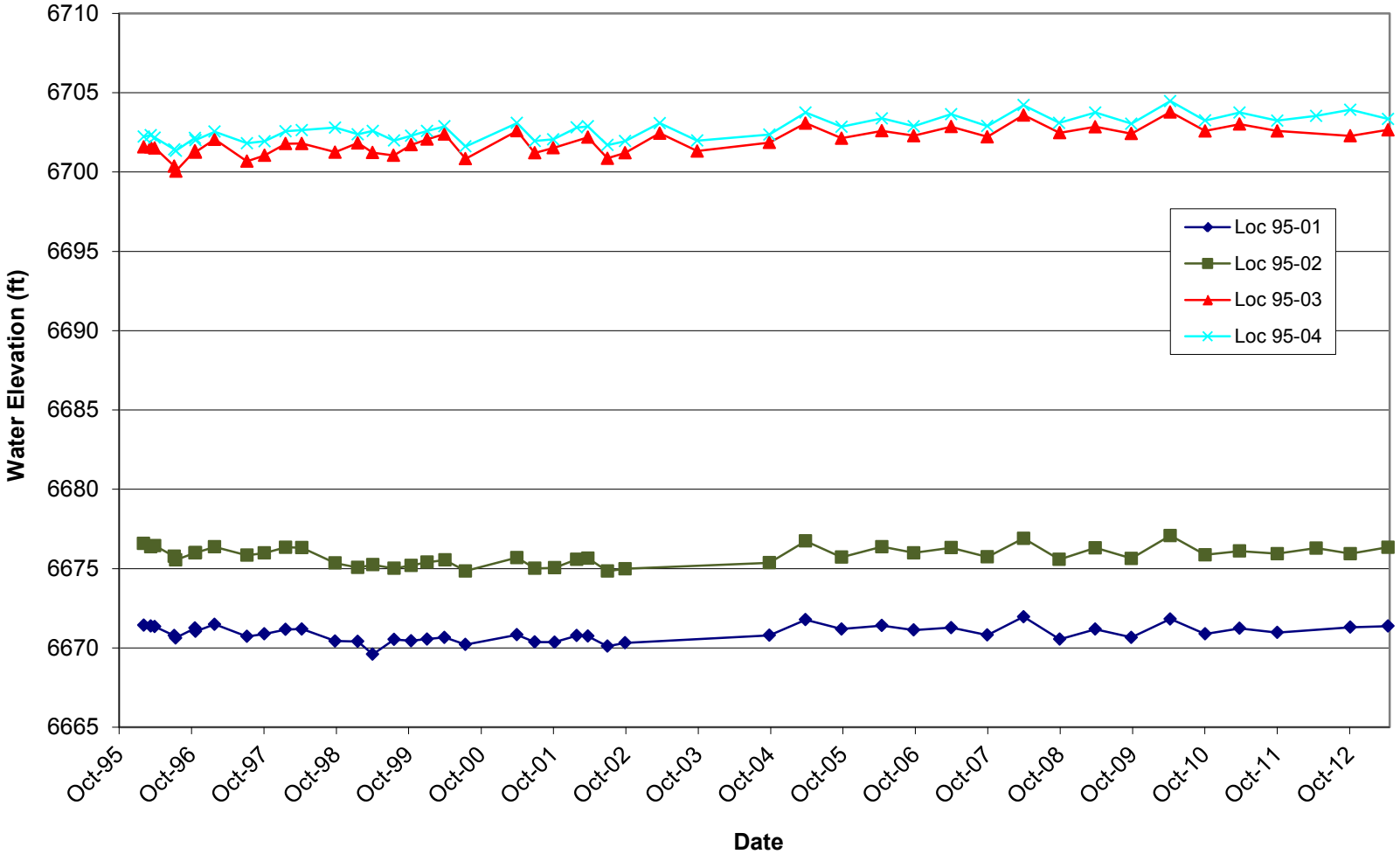

Figure 33. Water Level Hydrographs for Alluvial/Burro Canyon Well Pairs 95-01/95-02 and 95-03/95-04

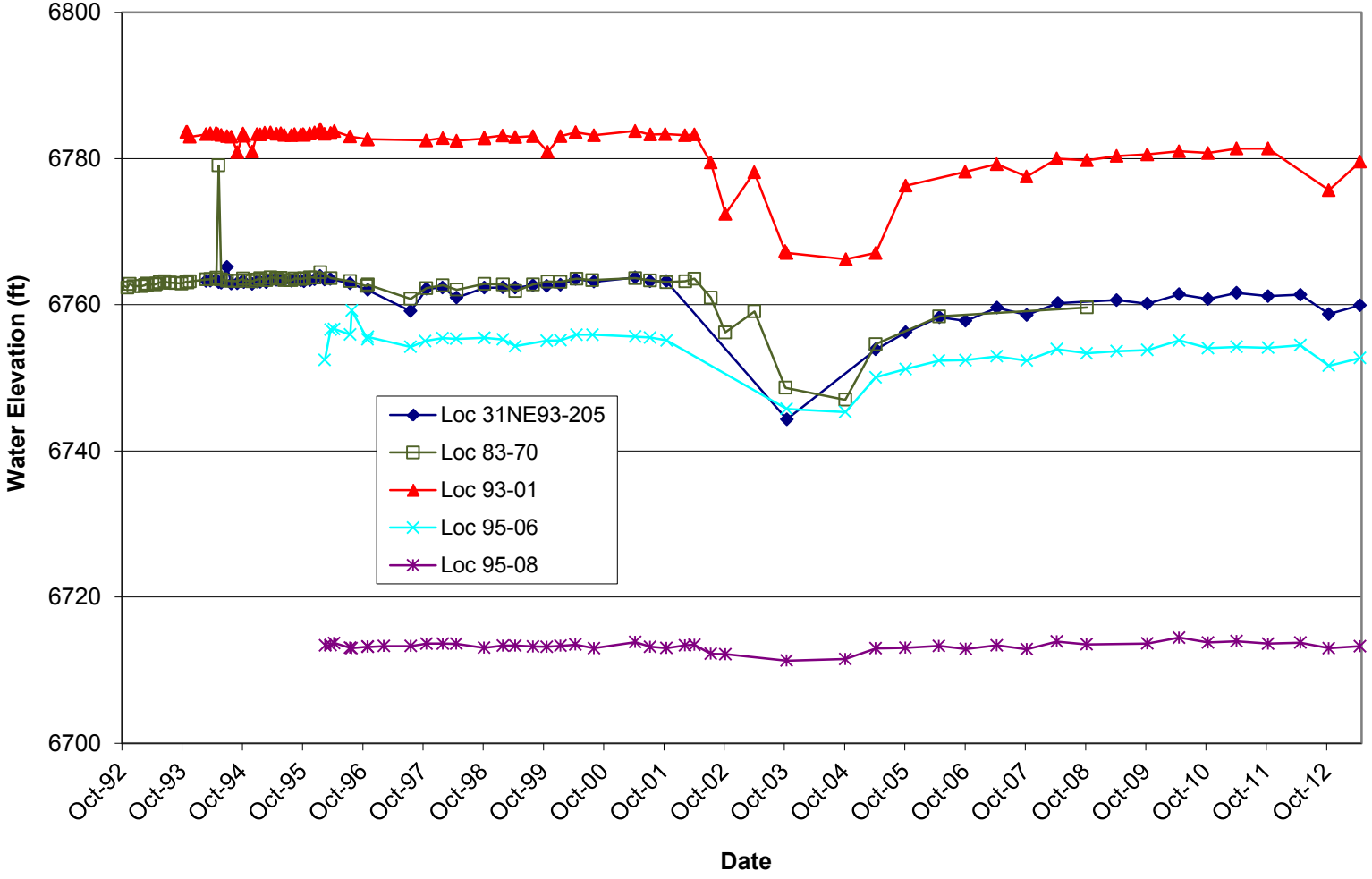

Figure 34. Water Level Hydrographs for Selected Burro Canyon Aquifer Wells

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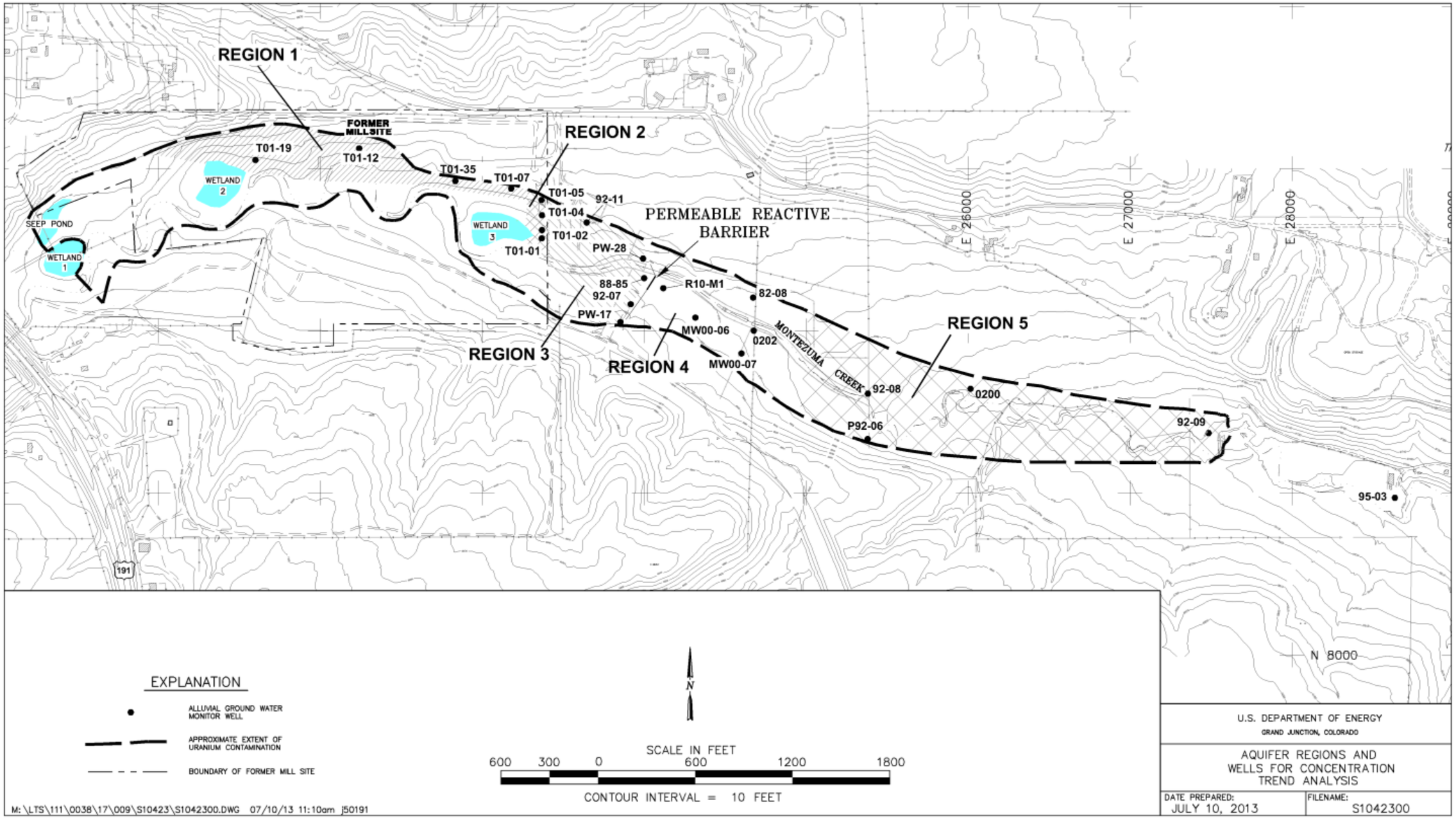

Figure 35. Aquifer Regions and Monitoring Wells Selected for Concentration Trend Analysis

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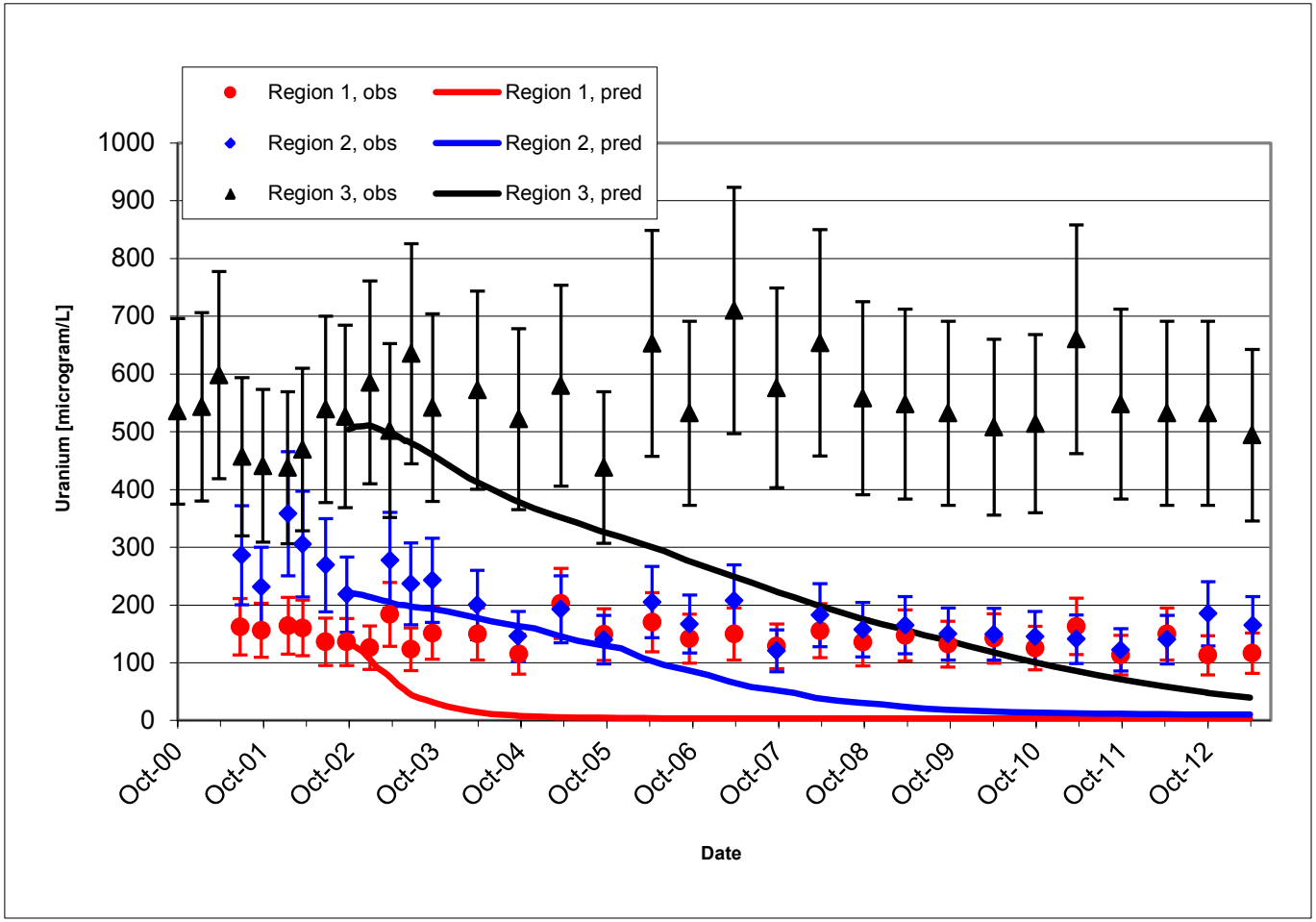

Figure 36. Comparison of Model Prediction to Observed Restoration Progress—Aquifer Regions 1 to 3

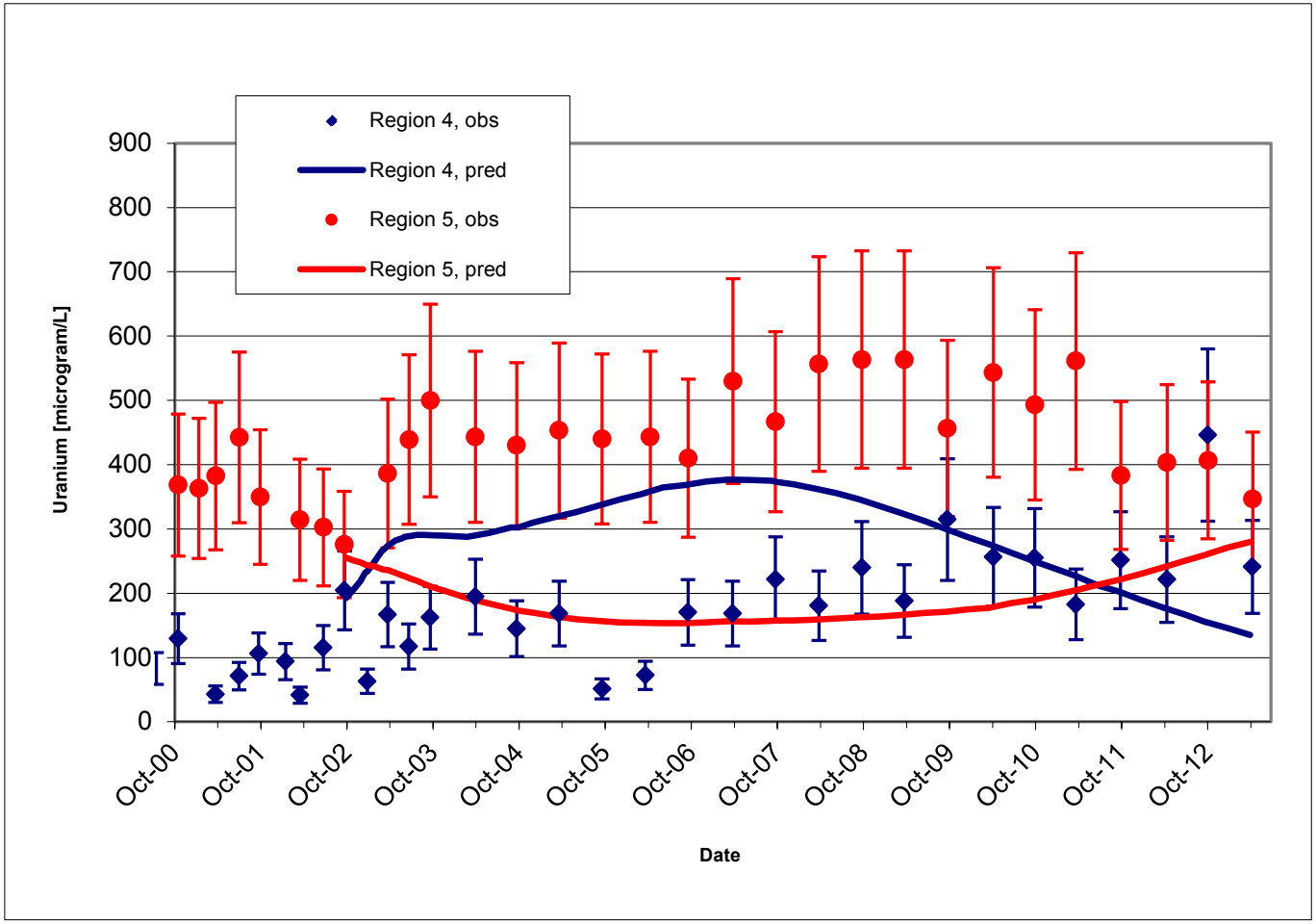

Figure 37. Comparison of Model Prediction to Observed Restoration Progress—Aquifer Regions 4 and 5

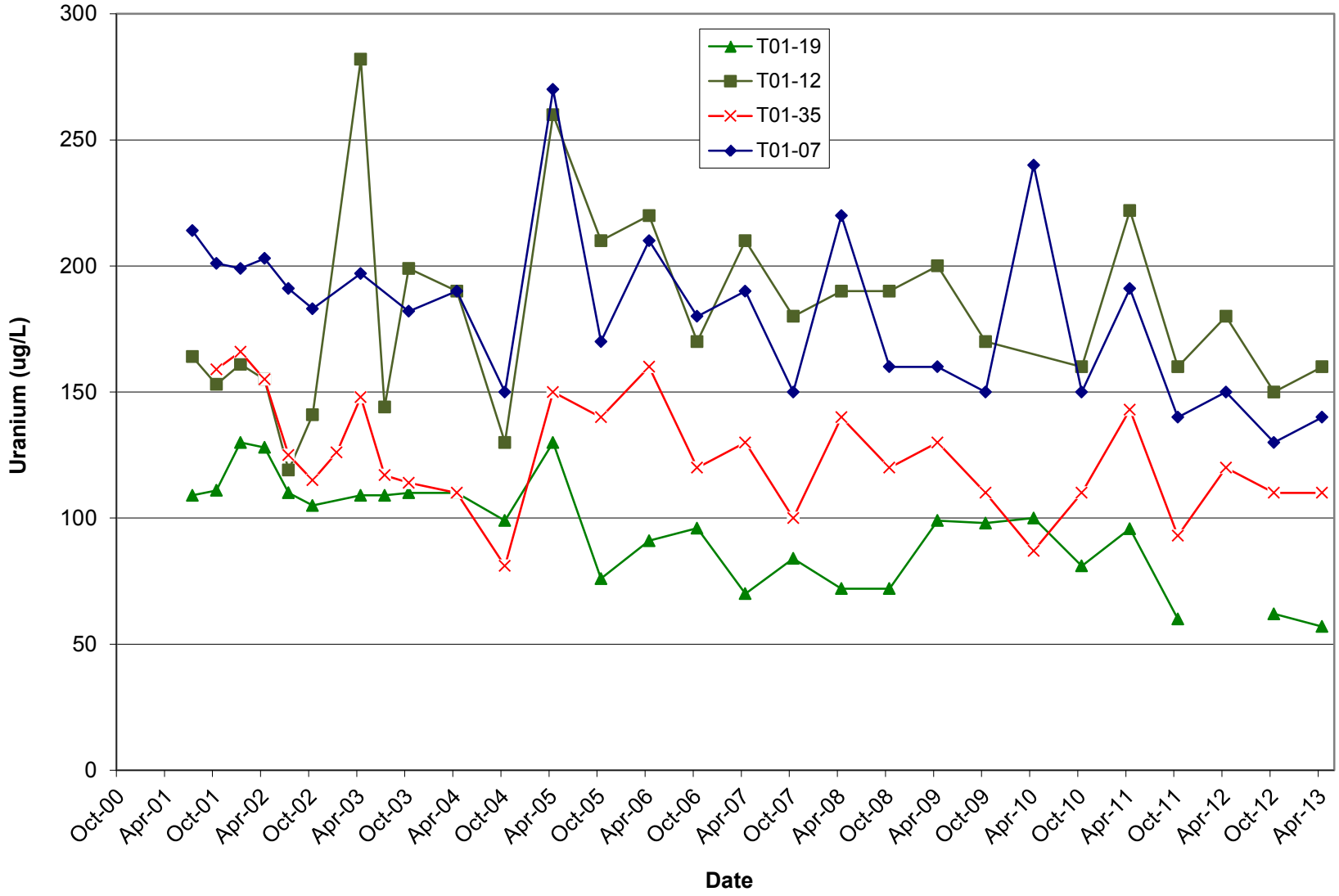

Figure 38. Region 1 Uranium Concentration Trends in Groundwater

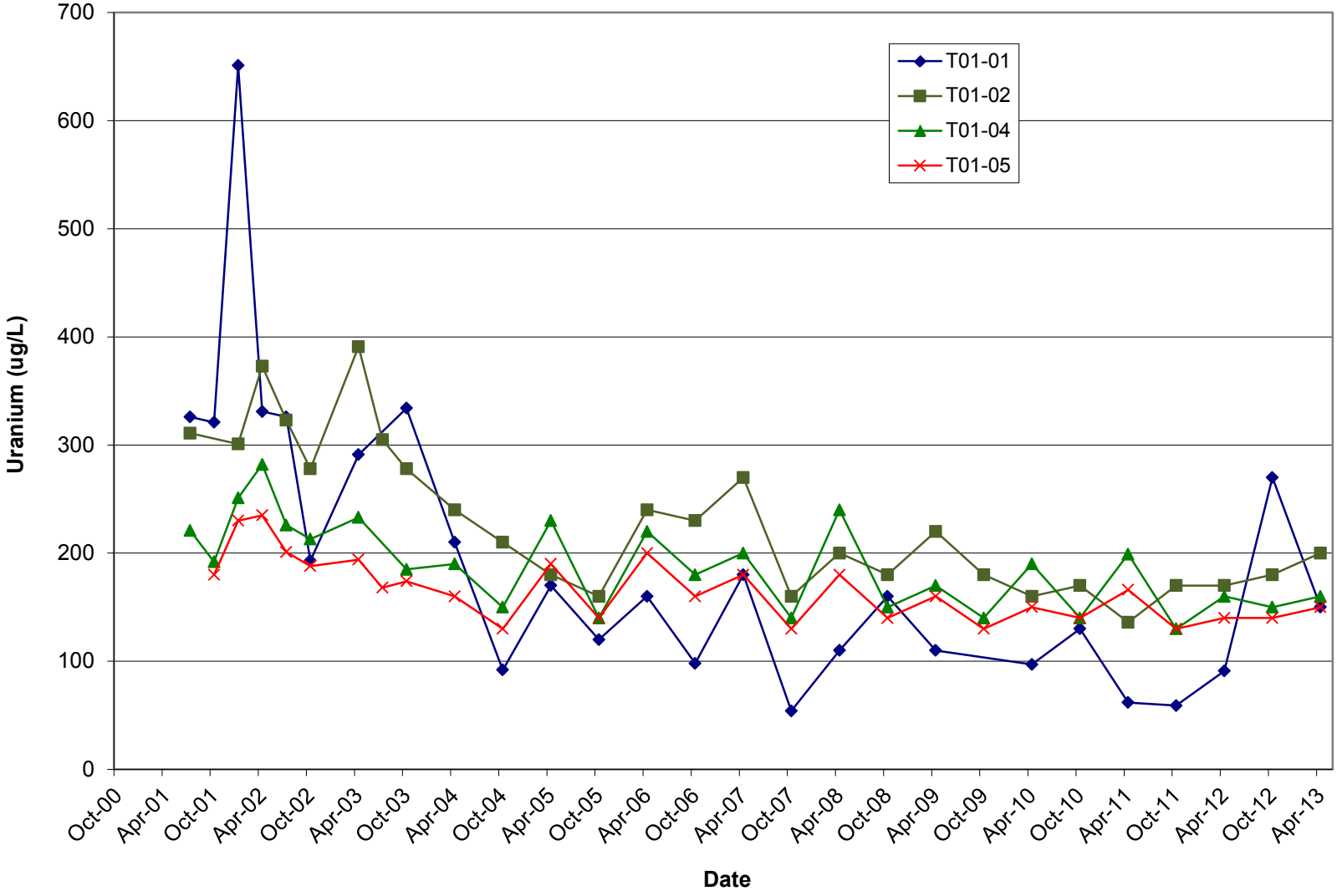

Figure 39. Region 2 Uranium Concentration Trends in Groundwater

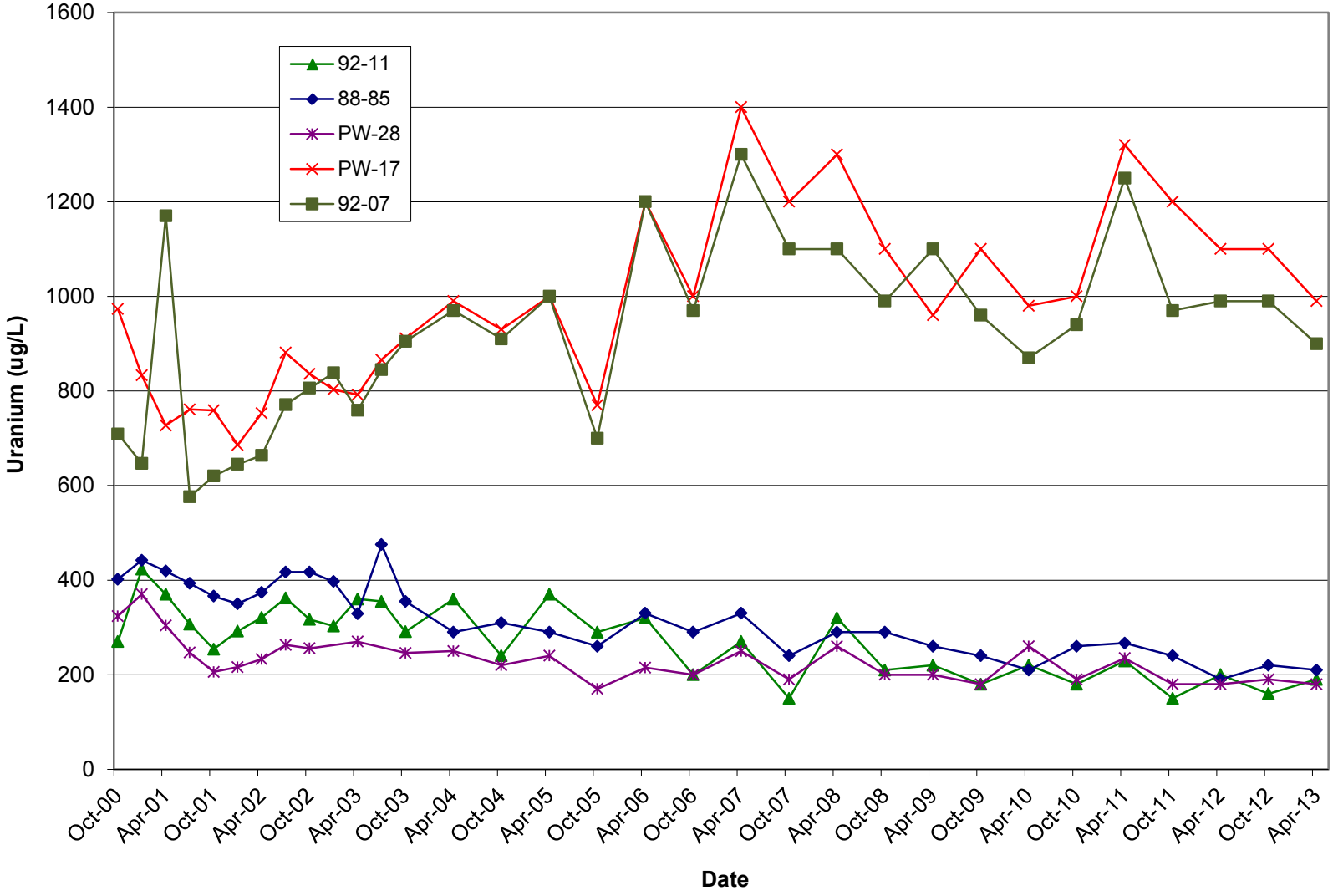

Figure 40. Region 3 Uranium Concentration Trends in Groundwater

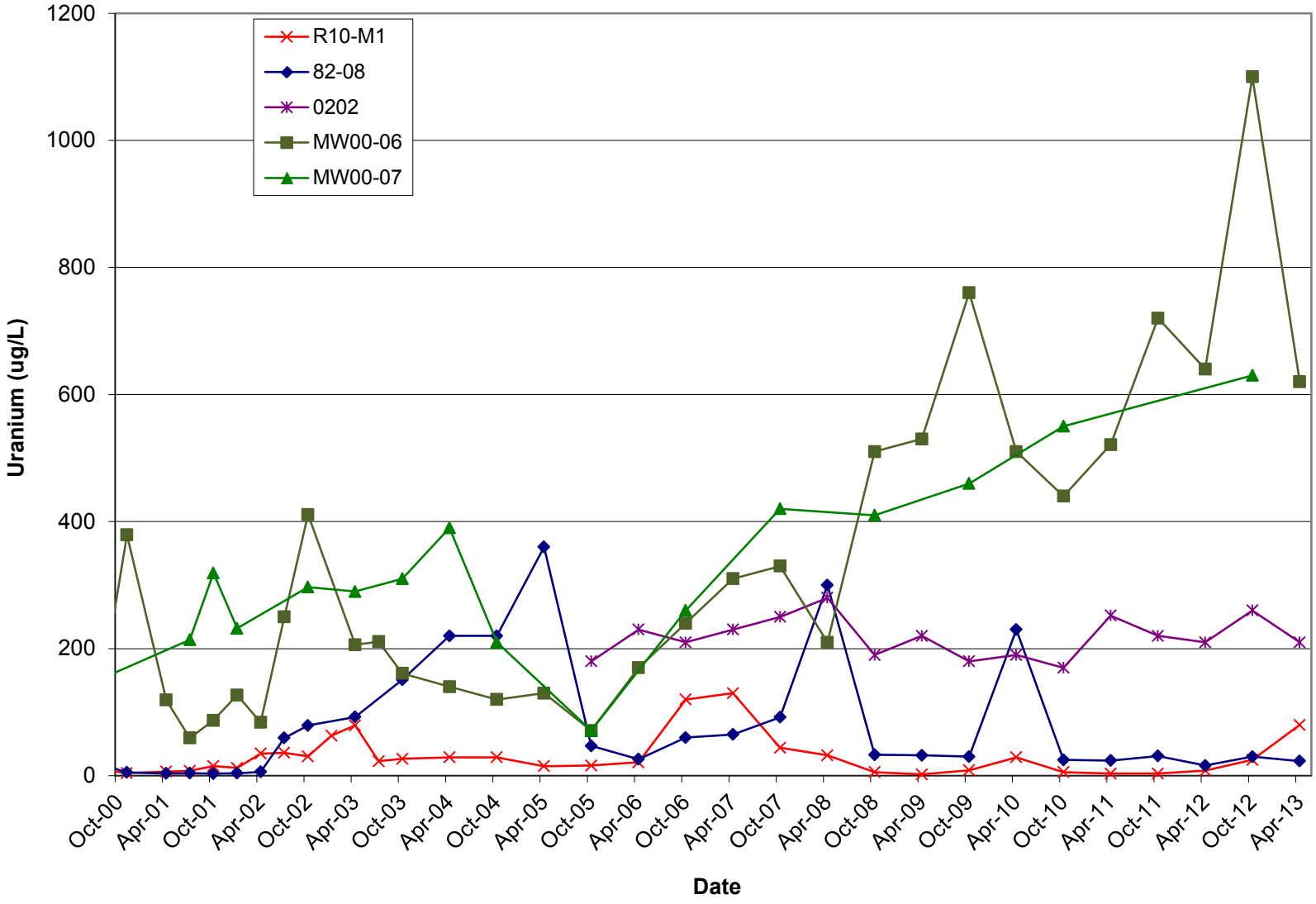

Figure 41. Region 4 Uranium Concentration Trends in Groundwater

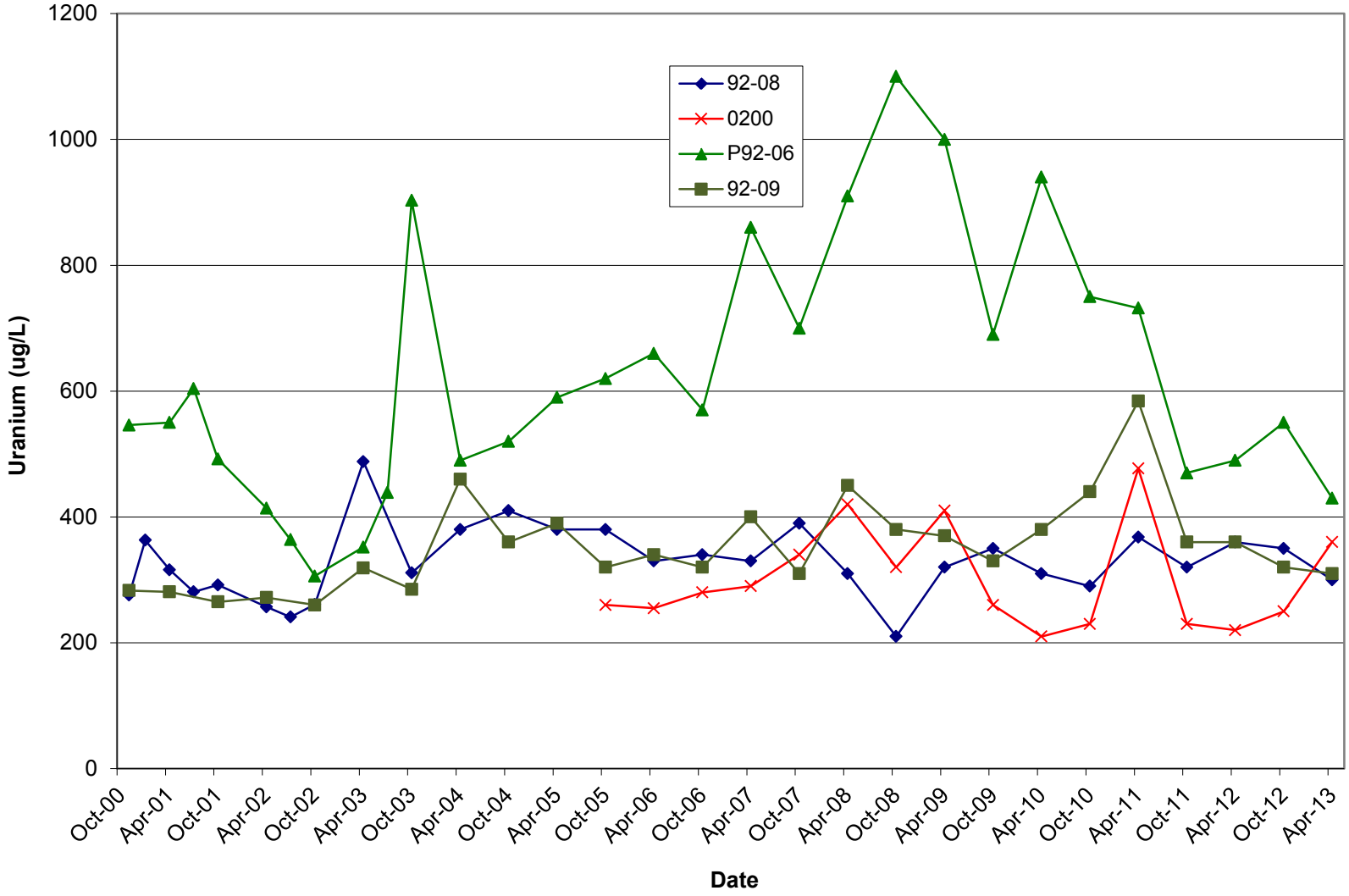

Figure 42. Region 5 Uranium Concentration Trends in Groundwater

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Appendix A

Analytical Results for Alluvial Groundwater Samples, May 2012 Through April 2013

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CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	0200	WL	10/16/2012	0001	QA	D	375			#	-	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	392			#	-	-
	mg/L	0202	WL	10/16/2012	0001	QA	D	355			#	-	-
	mg/L	0202	WL	04/23/2013	0001	QA	D	310			#	-	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	180			#	-	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	140			#	-	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	264			#	-	-
	mg/L	88-85	WL	04/22/2013	0001	QA	D	364			#	-	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	365			#	-	-
	mg/L	92-07	WL	04/22/2013	0001	QA	D	286			#	-	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	355			#	-	-
	mg/L	92-08	WL	04/23/2013	0001	QA	D	312			#	-	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	384			#	-	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	388			#	-	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	406			#	-	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	398			#	-	-
	mg/L	95-01	WL	10/17/2012	0001	QA	D	164			#	-	-
	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	260			#	-	-
	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	310			#	-	-
	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	289			#	-	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	295			#	-	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	260			#	-	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	305			#	-	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	376			#	-	-
	mg/L	P92-06	WL	04/23/2013	0001	QA	D	396			#	-	-
	mg/L	PW-10	WL	10/16/2012	0001	QA	D	310			#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	PW-10	WL	04/24/2013	0001	QA	D	295			#	-	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	335			#	-	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	320			#	-	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	386			#	-	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	380			#	-	-
	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	255			#	-	-
	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	278			#	-	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	380			#	-	-
	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	304			#	-	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	308			#	-	-
	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	228			#	-	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	360			#	-	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	304			#	-	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	268			#	-	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	286			#	-	-
	mg/L	R4-M3	WL	10/16/2012	N001	RM	D	46			#	-	-
	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	20			#	-	-
	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	38			#	-	-
	mg/L	R6-M3	WL	10/16/2012	0001	QA	D	485			#	-	-
	mg/L	R6-M4	WL	10/16/2012	N001	QA	D	66			#	-	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	327			#	-	-
	mg/L	T00-04	WL	10/16/2012	0001	QA	O	289			#	-	-
	mg/L	T01-01	WL	10/16/2012	N001	QA	O	350			#	-	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	309			#	-	-
	mg/L	T01-02	WL	10/16/2012	0001	QA	O	364			#	-	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	324			#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	T01-04	WL	10/16/2012	0001	QA	O	360			#	-	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	387			#	-	-
	mg/L	T01-05	WL	10/16/2012	N001	QA	O	388			#	-	-
	mg/L	T01-05	WL	04/24/2013	0001	QA	O	349			#	-	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	385			#	-	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	404			#	-	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	412			#	-	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	353			#	-	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	458			#	-	-
	mg/L	T01-18	WL	10/17/2012	N001	QA	O	608			#	-	-
	mg/L	T01-19	WL	10/17/2012	0001	QA	O	442			#	-	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	388			#	-	-
	mg/L	T01-20	WL	10/15/2012	0001	QA	O	528			#	-	-
	mg/L	T01-23	WL	10/17/2012	0001	QA	O	344			#	-	-
	mg/L	T01-25	WL	10/15/2012	0001	QA	O	618			#	-	-
	mg/L	T01-35	WL	10/15/2012	0001	QA	O	275			#	-	-
	mg/L	T01-35	WL	04/22/2013	N001	QA	O	374			#	-	-
Arsenic	mg/L	0200	WL	10/16/2012	0001	QA	D	0.00025			#	1.5E-05	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	0.00022			#	1.5E-05	-
	mg/L	0200	WL	04/23/2013	0002	QA	D	0.00026			#	1.5E-05	-
	mg/L	0202	WL	10/16/2012	0001	QA	D	0.0018			#	7.4E-05	-
	mg/L	0202	WL	04/23/2013	0001	QA	D	0.0019			#	7.4E-05	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	0.00057			#	1.5E-05	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	0.0005			#	1.5E-05	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	0.00056			#	1.5E-05	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	0.014			#	0.00015	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
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	mg/L	88-85	WL	04/22/2013	0001	QA	D	0.013			#	0.00015	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	0.011			#	0.0003	-
	mg/L	92-07	WL	04/22/2013	0001	QA	D	0.009			#	0.0003	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	0.00036			#	1.5E-05	-
	mg/L	92-08	WL	04/23/2013	0001	QA	D	0.00031			#	1.5E-05	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	0.0014			#	1.5E-05	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	0.0015			#	1.5E-05	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	0.016			#	0.00015	-
	mg/L	92-11	WL	10/16/2012	0002	QA	D	0.015			#	0.00015	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	0.015			#	0.00015	-
	mg/L	95-01	WL	10/17/2012	0001	QA	D	0.0019			#	1.5E-05	-
	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	0.00007	B		#	1.5E-05	-
	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	0.0003			#	1.5E-05	-
	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	0.00031			#	1.5E-05	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	0.0045			#	0.00015	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	0.0035			#	0.00015	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	0.00088			#	1.5E-05	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	0.00028			#	1.5E-05	-
	mg/L	P92-06	WL	04/23/2013	0001	QA	D	0.00027			#	1.5E-05	-
	mg/L	PW-10	WL	10/16/2012	0001	QA	D	0.0085			#	0.0003	-
	mg/L	PW-10	WL	04/24/2013	0001	QA	D	0.0072			#	0.0003	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	0.0089			#	0.0003	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	0.0078			#	0.0003	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	0.0027			#	7.4E-05	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	0.0025			#	7.4E-05	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Arsenic	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	0.0013			#	1.5E-05	-
	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	0.0012			#	1.5E-05	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	0.014			#	0.00015	-
	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	0.012			#	0.00015	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	0.0089			#	0.00015	-
	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	0.0067			#	0.00015	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	0.00023			#	1.5E-05	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	0.00017			#	1.5E-05	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	0.00032			#	1.5E-05	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	0.0003			#	1.5E-05	-
	mg/L	R4-M3	WL	10/16/2012	0001	RM	D	0.00014			#	1.5E-05	-
	mg/L	R4-M3	WL	04/22/2013	0001	RM	D	0.00012			#	1.5E-05	-
	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	0.00009	B		#	1.5E-05	-
	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	0.0001			#	1.5E-05	-
	mg/L	R6-M3	WL	10/16/2012	0001	QA	D	0.0059			#	1.5E-05	-
	mg/L	R6-M3	WL	04/22/2013	0001	QA	D	0.014			#	1.5E-05	-
	mg/L	R6-M4	WL	10/16/2012	0001	QA	D	0.0079			#	1.5E-05	-
	mg/L	R6-M4	WL	04/22/2013	0001	QA	D	0.005			#	1.5E-05	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	0.011			#	0.00015	-
	mg/L	T00-04	WL	10/16/2012	0001	QA	O	0.0092			#	0.00015	-
	mg/L	T01-01	WL	10/16/2012	0001	QA	O	0.015			#	0.00015	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	0.011			#	0.00015	-
	mg/L	T01-02	WL	10/16/2012	0001	QA	O	0.021			#	0.00015	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	0.020			#	0.00015	-
	mg/L	T01-04	WL	10/16/2012	0001	QA	O	0.016			#	0.00015	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	0.016			#	0.00015	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Arsenic	mg/L	T01-05	WL	10/16/2012	0001	QA	O	0.015			#	0.00015	-
	mg/L	T01-05	WL	04/24/2013	0001	QA	O	0.015			#	0.00015	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	0.0046			#	7.4E-05	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	0.0046			#	7.4E-05	-
	mg/L	T01-07	WL	04/24/2013	0002	QA	O	0.0043			#	0.00015	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	0.0035			#	7.4E-05	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	0.0035			#	7.4E-05	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	0.0058			#	1.5E-05	-
	mg/L	T01-18	WL	10/17/2012	0001	QA	O	0.0012			#	1.5E-05	-
	mg/L	T01-19	WL	10/17/2012	0001	QA	O	0.009			#	1.5E-05	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	0.0045			#	1.5E-05	-
	mg/L	T01-20	WL	10/15/2012	0001	QA	O	0.0027			#	1.5E-05	-
	mg/L	T01-23	WL	10/17/2012	0001	QA	O	0.00007	B		#	1.5E-05	-
	mg/L	T01-25	WL	10/15/2012	0001	QA	O	0.0094			#	1.5E-05	-
	mg/L	T01-35	WL	10/15/2012	0001	QA	O	0.0097			#	7.4E-05	-
	mg/L	T01-35	WL	04/22/2013	0001	QA	O	0.010			#	7.4E-05	-
Calcium	mg/L	0200	WL	10/16/2012	0001	QA	D	300.000			#	0.06	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	320.000			#	0.012	-
	mg/L	0200	WL	04/23/2013	0002	QA	D	320.000			#	0.012	-
	mg/L	0202	WL	10/16/2012	0001	QA	D	350.000			#	0.012	-
	mg/L	0202	WL	04/23/2013	0001	QA	D	290.000			#	0.012	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	370.000			#	0.024	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	330.000			#	0.012	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	310.000			#	0.012	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	320.000			#	0.012	-
	mg/L	88-85	WL	10/15/2012	0002	QA	D	320.000			#	0.012	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Calcium	mg/L	88-85	WL	04/22/2013	0001	QA	D	330.000			#	0.012	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	320.000			#	0.012	-
	mg/L	92-07	WL	04/22/2013	0001	QA	D	330.000			#	0.012	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	340.000			#	0.012	-
	mg/L	92-08	WL	04/23/2013	0001	QA	D	330.000			#	0.012	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	310.000			#	0.06	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	310.000			#	0.012	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	320.000			#	0.012	-
	mg/L	92-11	WL	10/16/2012	0002	QA	D	310.000			#	0.06	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	350.000			#	0.012	-
	mg/L	95-01	WL	10/17/2012	0001	QA	D	38.000			#	0.012	-
	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	160.000			#	0.012	-
	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	340.000			#	0.012	-
	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	300.000			#	0.012	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	300.000			#	0.012	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	300.000			#	0.012	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	280.000			#	0.012	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	330.000			#	0.024	-
	mg/L	P92-06	WL	04/23/2013	0001	QA	D	310.000			#	0.012	-
	mg/L	PW-10	WL	10/16/2012	0001	QA	D	310.000			#	0.012	-
	mg/L	PW-10	WL	04/24/2013	0001	QA	D	300.000			#	0.012	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	310.000			#	0.012	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	310.000			#	0.012	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	350.000			#	0.012	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	350.000			#	0.012	-
	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	210.000			#	0.012	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Calcium	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	250.000			#	0.012	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	320.000			#	0.012	-
	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	340.000			#	0.012	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	300.000			#	0.012	-
	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	320.000			#	0.012	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	320.000			#	0.012	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	330.000			#	0.012	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	290.000			#	0.012	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	320.000			#	0.012	-
	mg/L	R4-M3	WL	10/16/2012	0001	RM	D	7.500			#	0.012	-
	mg/L	R4-M3	WL	04/22/2013	0001	RM	D	19.000			#	0.012	-
	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	14.000			#	0.012	-
	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	41.000			#	0.012	-
	mg/L	R6-M3	WL	10/16/2012	0001	QA	D	240.000			#	0.012	-
	mg/L	R6-M3	WL	04/22/2013	0001	QA	D	220.000			#	0.012	-
	mg/L	R6-M4	WL	10/16/2012	0001	QA	D	58.000			#	0.012	-
	mg/L	R6-M4	WL	04/22/2013	0001	QA	D	48.000			#	0.012	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	300.000			#	0.012	-
	mg/L	T00-04	WL	10/16/2012	0001	QA	O	330.000			#	0.012	-
	mg/L	T01-01	WL	10/16/2012	0001	QA	O	310.000			#	0.012	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	440.000			#	0.012	-
	mg/L	T01-02	WL	10/16/2012	0001	QA	O	330.000			#	0.012	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	370.000			#	0.012	-
	mg/L	T01-04	WL	10/16/2012	0001	QA	O	340.000			#	0.012	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	350.000			#	0.012	-
	mg/L	T01-05	WL	10/16/2012	0001	QA	O	340.000			#	0.012	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Calcium	mg/L	T01-05	WL	04/24/2013	0001	QA	O	370.000			#	0.012	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	340.000			#	0.024	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	380.000			#	0.012	-
	mg/L	T01-07	WL	04/24/2013	0002	QA	O	370.000			#	0.012	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	320.000			#	0.012	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	350.000			#	0.012	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	380.000			#	0.06	-
	mg/L	T01-18	WL	10/17/2012	0001	QA	O	690.000			#	0.06	-
	mg/L	T01-19	WL	10/17/2012	0001	QA	O	300.000			#	0.012	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	280.000			#	0.012	-
	mg/L	T01-20	WL	10/15/2012	0001	QA	O	410.000			#	0.06	-
	mg/L	T01-23	WL	10/17/2012	0001	QA	O	310.000			#	0.012	-
	mg/L	T01-25	WL	10/15/2012	0001	QA	O	410.000			#	0.012	-
	mg/L	T01-35	WL	10/15/2012	0001	QA	O	340.000			#	0.012	-
	mg/L	T01-35	WL	04/22/2013	0001	QA	O	350.000			#	0.012	-
Chloride	mg/L	0200	WL	10/16/2012	0001	QA	D	81			#	4	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	110			#	2	-
	mg/L	0200	WL	04/23/2013	0002	QA	D	110			#	2	-
	mg/L	0202	WL	10/16/2012	0001	QA	D	130			#	4	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	200			#	4	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	130			#	2	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	120			#	2	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	110			#	4	-
	mg/L	88-85	WL	10/15/2012	0002	QA	D	100			#	4	-
	mg/L	88-85	WL	04/22/2013	0001	QA	D	95			#	2	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	75			#	4	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Chloride	mg/L	92-07	WL	04/22/2013	0001	QA	D	72			#	2	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	90			#	4	-
	mg/L	92-08	WL	04/23/2013	0001	QA	D	88			#	2	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	170			#	4	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	150			#	2	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	100			#	4	-
	mg/L	92-11	WL	10/16/2012	0002	QA	D	100			#	4	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	110			#	2	-
	mg/L	95-01	WL	10/17/2012	0001	QA	D	7.8			#	0.2	-
	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	87			#	4	-
	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	9.7			#	0.4	-
	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	14			#	1	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	80			#	4	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	76			#	2	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	94			#	4	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	73			#	4	-
	mg/L	P92-06	WL	04/23/2013	0001	QA	D	85			#	2	-
	mg/L	PW-10	WL	10/16/2012	0001	QA	D	73			#	4	-
	mg/L	PW-10	WL	04/24/2013	0001	QA	D	67			#	2	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	71			#	4	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	65			#	2	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	140			#	4	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	130			#	2	-
	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	100			#	4	-
	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	86			#	2	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	84			#	4	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Chloride	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	79			#	10	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	87			#	4	-
	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	78			#	10	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	84			#	4	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	78			#	10	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	83			#	4	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	77			#	10	-
	mg/L	R4-M3	WL	10/16/2012	0001	RM	D	71			#	1	-
	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	89			#	1	-
	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	74			#	10	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	43			#	4	-
	mg/L	T00-04	WL	10/16/2012	0001	QA	O	27			#	0.4	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	100			#	2	-
	mg/L	T01-02	WL	10/16/2012	0001	QA	O	79			#	4	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	98			#	2	-
	mg/L	T01-04	WL	10/16/2012	0001	QA	O	85			#	4	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	110			#	2	-
	mg/L	T01-05	WL	10/16/2012	0001	QA	O	84			#	4	-
	mg/L	T01-05	WL	04/24/2013	0001	QA	O	110			#	2	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	150			#	4	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	180			#	2	-
	mg/L	T01-07	WL	04/24/2013	0002	QA	O	180			#	2	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	110			#	4	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	140			#	2	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	150			#	10	-
	mg/L	T01-18	WL	10/17/2012	0001	QA	O	290			#	10	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Chloride	mg/L	T01-19	WL	10/17/2012	0001	QA	O	150			#	4	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	150			#	2	-
	mg/L	T01-20	WL	10/15/2012	0001	QA	O	180			#	10	-
	mg/L	T01-23	WL	10/17/2012	0001	QA	O	22			#	0.4	-
	mg/L	T01-25	WL	10/15/2012	0001	QA	O	200			#	10	-
	mg/L	T01-35	WL	10/15/2012	0001	QA	O	80			#	4	-
	mg/L	T01-35	WL	04/22/2013	0001	QA	O	110			#	2	-
Dissolved Oxygen	mg/L	0200	WL	04/23/2013	N001	QA	D	2.75			#	-	-
	mg/L	0202	WL	04/23/2013	N001	QA	D	2.03			#	-	-
	mg/L	82-08	WL	04/23/2013	N001	QA	D	1.99			#	-	-
	mg/L	88-85	WL	10/15/2012	N001	QA	D	2.04			#	-	-
	mg/L	88-85	WL	04/22/2013	N001	QA	D	1.17			#	-	-
	mg/L	92-07	WL	10/16/2012	N001	QA	D	2.05			#	-	-
	mg/L	92-07	WL	04/22/2013	N001	QA	D	0.29			#	-	-
	mg/L	92-08	WL	04/23/2013	N001	QA	D	0.62			#	-	-
	mg/L	92-09	WL	04/23/2013	N001	QA	D	0.47			#	-	-
	mg/L	92-11	WL	10/16/2012	N001	QA	D	5.51			#	-	-
	mg/L	92-11	WL	04/23/2013	N001	QA	D	4.98			#	-	-
	mg/L	MW00-06	WL	04/23/2013	N001	QA	D	2.85			#	-	-
	mg/L	P92-06	WL	04/23/2013	N001	QA	D	1.44			#	-	-
	mg/L	PW-28	WL	04/23/2013	N001	QA	D	3.62			#	-	-
	mg/L	R10-M1	WL	10/15/2012	N001	QA	D	3.20			#	-	-
	mg/L	R10-M1	WL	04/22/2013	N001	QA	D	1.41			#	-	-
	mg/L	R1-M3	WL	10/15/2012	N001	QA	D	13.0			#	-	-
	mg/L	R1-M3	WL	04/22/2013	N001	QA	D	0.64			#	-	-
	mg/L	R1-M4	WL	10/15/2012	N001	QA	D	0.30			#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	R1-M4	WL	04/22/2013	N001	QA	D	0.75			#	-	-
	mg/L	R3-M2	WL	10/15/2012	N001	RM	D	1.98			#	-	-
	mg/L	R3-M2	WL	04/22/2013	N001	RM	D	0.56			#	-	-
	mg/L	R3-M3	WL	10/15/2012	N001	RM	D	1.25			#	-	-
	mg/L	R3-M3	WL	04/22/2013	N001	RM	D	0.69			#	-	-
	mg/L	R4-M3	WL	10/16/2012	N001	RM	D	1.65			#	-	-
	mg/L	R4-M3	WL	04/22/2013	N001	RM	D	0.75			#	-	-
	mg/L	R4-M6	WL	10/15/2012	N001	RM	D	0.70			#	-	-
	mg/L	R4-M6	WL	04/22/2013	N001	RM	D	0.77			#	-	-
	mg/L	R6-M3	WL	10/16/2012	N001	QA	D	1.90			#	-	-
	mg/L	R6-M3	WL	04/22/2013	N001	QA	D	0.93			#	-	-
	mg/L	R6-M4	WL	10/16/2012	N001	QA	D	1.6			#	-	-
	mg/L	R6-M4	WL	04/22/2013	N001	QA	D	0.70			#	-	-
Fluoride	mg/L	0200	WL	10/16/2012	0001	QA	D	0.38			#	0.2	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	1.1		J	#	1	-
	mg/L	0200	WL	04/23/2013	0002	QA	D	1.1		J	#	1	-
	mg/L	0202	WL	10/16/2012	0001	QA	D	0.48			#	0.2	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	1			#	0.2	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	1.6		J	#	1	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	1.6		J	#	1	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	0.43			#	0.2	-
	mg/L	88-85	WL	10/15/2012	0002	QA	D	0.45			#	0.2	-
	mg/L	88-85	WL	04/22/2013	0001	QA	D	1.1		J	#	1	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	0.5			#	0.2	-
	mg/L	92-07	WL	04/22/2013	0001	QA	D	1.1		J	#	1	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	0.29			#	0.2	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Fluoride	mg/L	92-08	WL	04/23/2013	0001	QA	D	1		J	#	1	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	0.2	U		#	0.2	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	1	U	J	#	1	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	0.36			#	0.2	-
	mg/L	92-11	WL	10/16/2012	0002	QA	D	0.36			#	0.2	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	1.1		J	#	1	-
	mg/L	95-01	WL	10/17/2012	0001	QA	D	0.26			#	0.1	-
	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	0.14			#	0.1	-
	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	0.2	U		#	0.2	-
	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	0.5	U	J	#	0.5	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	0.41			#	0.2	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	1		J	#	1	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	0.28			#	0.2	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	0.25			#	0.2	-
	mg/L	P92-06	WL	04/23/2013	0001	QA	D	1	U	J	#	1	-
	mg/L	PW-10	WL	10/16/2012	0001	QA	D	0.51			#	0.2	-
	mg/L	PW-10	WL	04/24/2013	0001	QA	D	1.1		J	#	1	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	0.51			#	0.2	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	1.1		J	#	1	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	0.45			#	0.2	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	1.1		J	#	1	-
	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	0.21			#	0.2	-
	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	1	U	J	#	1	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	0.51			#	0.2	-
	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	1.2		J	#	1	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	0.58			#	0.2	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Fluoride	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	1.2		J	#	1	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	0.5			#	0.2	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	1.1		J	#	1	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	0.44			#	0.2	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	1.2		J	#	1	-
	mg/L	R4-M3	WL	10/16/2012	0001	RM	D	0.12			#	0.1	-
	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	0.1	U		#	0.1	-
	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	0.5	U	J	#	0.5	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	0.32			#	0.2	-
	mg/L	T00-04	WL	10/16/2012	0001	QA	O	0.34			#	0.2	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	1	U	J	#	1	-
	mg/L	T01-02	WL	10/16/2012	0001	QA	O	0.38			#	0.2	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	1.8		J	#	1	-
	mg/L	T01-04	WL	10/16/2012	0001	QA	O	0.35			#	0.2	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	2.1		J	#	1	-
	mg/L	T01-05	WL	10/16/2012	0001	QA	O	0.35			#	0.2	-
	mg/L	T01-05	WL	04/24/2013	0001	QA	O	2.5		J	#	1	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	0.37			#	0.2	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	3.1		J	#	1	-
	mg/L	T01-07	WL	04/24/2013	0002	QA	O	1.1		J	#	1	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	0.35			#	0.2	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	2.6		J	#	1	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	0.22			#	0.2	-
	mg/L	T01-18	WL	10/17/2012	0001	QA	O	0.5	U		#	0.5	-
	mg/L	T01-19	WL	10/17/2012	0001	QA	O	0.29			#	0.2	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	1	U	J	#	1	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Fluoride	mg/L	T01-20	WL	10/15/2012	0001	QA	O	0.5	U		#	0.5	-
	mg/L	T01-23	WL	10/17/2012	0001	QA	O	0.24			#	0.2	-
	mg/L	T01-25	WL	10/15/2012	0001	QA	O	0.26			#	0.2	-
	mg/L	T01-35	WL	10/15/2012	0001	QA	O	0.31			#	0.2	-
	mg/L	T01-35	WL	04/22/2013	0001	QA	O	1		J	#	1	-
Iron	mg/L	0200	WL	10/16/2012	0001	QA	D	0.025	U		#	0.025	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	0200	WL	04/23/2013	0002	QA	D	0.0049	U		#	0.0049	-
	mg/L	0202	WL	10/16/2012	0001	QA	D	0.200			#	0.0049	-
	mg/L	0202	WL	04/23/2013	0001	QA	D	0.440			#	0.0049	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	0.0099	U		#	0.0099	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	0.0059	B		#	0.0049	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	0.0049	U		#	0.0049	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	88-85	WL	10/15/2012	0002	QA	D	0.0049	U		#	0.0049	-
	mg/L	88-85	WL	04/22/2013	0001	QA	D	0.0066	B		#	0.0049	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	92-07	WL	04/22/2013	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	92-08	WL	04/23/2013	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	1.500			#	0.025	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	1.500			#	0.0049	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	92-11	WL	10/16/2012	0002	QA	D	0.025	U		#	0.025	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	95-01	WL	10/17/2012	0001	QA	D	0.460			#	0.0049	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Iron	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	1.300			#	0.0049	-
	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	0.0049	U		#	0.0049	-
	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	0.0049	U		#	0.0049	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	0.0099	U		#	0.0099	-
	mg/L	P92-06	WL	04/23/2013	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	PW-10	WL	10/16/2012	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	PW-10	WL	04/24/2013	0001	QA	D	0.0066	B		#	0.0049	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	0.030	B	U	#	0.0049	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	1.800			#	0.0049	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	0.0055	B	U	#	0.0049	-
	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	0.0049	U		#	0.0049	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	3.200			#	0.0049	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	2.700			#	0.0049	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	9.500			#	0.0049	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	9.500			#	0.0049	-
	mg/L	R4-M3	WL	10/16/2012	0001	RM	D	0.0053	B	U	#	0.0049	-
	mg/L	R4-M3	WL	04/22/2013	0001	RM	D	0.0049	U		#	0.0049	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Iron	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	0.0096	B	U	#	0.0049	-
	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	0.0049	U		#	0.0049	-
	mg/L	R6-M3	WL	10/16/2012	0001	QA	D	5.500			#	0.0049	-
	mg/L	R6-M3	WL	04/22/2013	0001	QA	D	2.200			#	0.0049	-
	mg/L	R6-M4	WL	10/16/2012	0001	QA	D	8.100			#	0.0049	-
	mg/L	R6-M4	WL	04/22/2013	0001	QA	D	1.600			#	0.0049	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	0.0049	U		#	0.0049	-
	mg/L	T00-04	WL	10/16/2012	0001	QA	O	0.0049	U		#	0.0049	-
	mg/L	T01-01	WL	10/16/2012	0001	QA	O	0.410			#	0.0049	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	0.0049	U		#	0.0049	-
	mg/L	T01-02	WL	10/16/2012	0001	QA	O	0.0049	U		#	0.0049	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	0.0049	U		#	0.0049	-
	mg/L	T01-04	WL	10/16/2012	0001	QA	O	0.0049	U		#	0.0049	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	0.0049	U		#	0.0049	-
	mg/L	T01-05	WL	10/16/2012	0001	QA	O	0.0049	U		#	0.0049	-
	mg/L	T01-05	WL	04/24/2013	0001	QA	O	0.0049	U		#	0.0049	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	0.0099	U		#	0.0099	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	0.0049	U		#	0.0049	-
	mg/L	T01-07	WL	04/24/2013	0002	QA	O	0.0049	U		#	0.0049	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	0.0049	U		#	0.0049	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	0.0049	U		#	0.0049	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	1.400			#	0.025	-
	mg/L	T01-18	WL	10/17/2012	0001	QA	O	0.440	B		#	0.025	-
	mg/L	T01-19	WL	10/17/2012	0001	QA	O	0.970			#	0.0049	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	0.370			#	0.0049	-
	mg/L	T01-20	WL	10/15/2012	0001	QA	O	1.200			#	0.025	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Iron	mg/L	T01-23	WL	10/17/2012	0001	QA	O	3.300			#	0.0049	-
	mg/L	T01-25	WL	10/15/2012	0001	QA	O	20.000			#	0.0049	-
	mg/L	T01-35	WL	10/15/2012	0001	QA	O	0.0049	U		#	0.0049	-
	mg/L	T01-35	WL	04/22/2013	0001	QA	O	0.0049	U		#	0.0049	-
Magnesium	mg/L	0200	WL	10/16/2012	0001	QA	D	88.000			#	0.065	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	83.000			#	0.013	-
	mg/L	0200	WL	04/23/2013	0002	QA	D	85.000			#	0.013	-
	mg/L	0202	WL	10/16/2012	0001	QA	D	79.000			#	0.013	-
	mg/L	0202	WL	04/23/2013	0001	QA	D	68.000			#	0.013	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	110.000			#	0.026	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	94.000			#	0.013	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	93.000			#	0.013	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	66.000			#	0.013	-
	mg/L	88-85	WL	10/15/2012	0002	QA	D	65.000			#	0.013	-
	mg/L	88-85	WL	04/22/2013	0001	QA	D	71.000			#	0.013	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	63.000			#	0.013	-
	mg/L	92-07	WL	04/22/2013	0001	QA	D	67.000			#	0.013	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	69.000			#	0.013	-
	mg/L	92-08	WL	04/23/2013	0001	QA	D	69.000			#	0.013	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	73.000			#	0.065	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	72.000			#	0.013	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	65.000			#	0.013	-
	mg/L	92-11	WL	10/16/2012	0002	QA	D	68.000			#	0.065	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	72.000			#	0.013	-
	mg/L	95-01	WL	10/17/2012	0001	QA	D	11.000			#	0.013	-
	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	55.000			#	0.013	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Magnesium	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	49.000			#	0.013	-
	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	46.000			#	0.013	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	65.000			#	0.013	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	68.000			#	0.013	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	55.000			#	0.013	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	110.000			#	0.026	-
	mg/L	P92-06	WL	04/23/2013	0001	QA	D	100.000			#	0.013	-
	mg/L	PW-10	WL	10/16/2012	0001	QA	D	63.000			#	0.013	-
	mg/L	PW-10	WL	04/24/2013	0001	QA	D	65.000			#	0.013	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	64.000			#	0.013	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	67.000			#	0.013	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	82.000			#	0.013	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	87.000			#	0.013	-
	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	77.000			#	0.013	-
	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	85.000			#	0.013	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	63.000			#	0.013	-
	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	67.000			#	0.013	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	62.000			#	0.013	-
	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	72.000			#	0.013	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	64.000			#	0.013	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	71.000			#	0.013	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	64.000			#	0.013	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	72.000			#	0.013	-
	mg/L	R4-M3	WL	10/16/2012	0001	RM	D	19.000			#	0.013	-
	mg/L	R4-M3	WL	04/22/2013	0001	RM	D	45.000			#	0.013	-
	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	24.000			#	0.013	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Magnesium	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	55.000			#	0.013	-
	mg/L	R6-M3	WL	10/16/2012	0001	QA	D	49.000			#	0.013	-
	mg/L	R6-M3	WL	04/22/2013	0001	QA	D	47.000			#	0.013	-
	mg/L	R6-M4	WL	10/16/2012	0001	QA	D	45.000			#	0.013	-
	mg/L	R6-M4	WL	04/22/2013	0001	QA	D	32.000			#	0.013	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	53.000			#	0.013	-
	mg/L	T00-04	WL	10/16/2012	0001	QA	O	56.000			#	0.013	-
	mg/L	T01-01	WL	10/16/2012	0001	QA	O	59.000			#	0.013	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	87.000			#	0.013	-
	mg/L	T01-02	WL	10/16/2012	0001	QA	O	61.000			#	0.013	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	75.000			#	0.013	-
	mg/L	T01-04	WL	10/16/2012	0001	QA	O	65.000			#	0.013	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	71.000			#	0.013	-
	mg/L	T01-05	WL	10/16/2012	0001	QA	O	65.000			#	0.013	-
	mg/L	T01-05	WL	04/24/2013	0001	QA	O	73.000			#	0.013	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	96.000			#	0.026	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	110.000			#	0.013	-
	mg/L	T01-07	WL	04/24/2013	0002	QA	O	100.000			#	0.013	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	66.000			#	0.013	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	75.000			#	0.013	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	57.000			#	0.065	-
	mg/L	T01-18	WL	10/17/2012	0001	QA	O	140.000			#	0.065	-
	mg/L	T01-19	WL	10/17/2012	0001	QA	O	48.000			#	0.013	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	49.000			#	0.013	-
	mg/L	T01-20	WL	10/15/2012	0001	QA	O	80.000			#	0.065	-
	mg/L	T01-23	WL	10/17/2012	0001	QA	O	48.000			#	0.013	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Magnesium	mg/L	T01-25	WL	10/15/2012	0001	QA	O	85.000			#	0.013	-
	mg/L	T01-35	WL	10/15/2012	0001	QA	O	64.000			#	0.013	-
	mg/L	T01-35	WL	04/22/2013	0001	QA	O	70.000			#	0.013	-
Manganese	mg/L	0200	WL	10/16/2012	0001	QA	D	0.00057	U		#	0.00057	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	0.00021	B	U	#	0.00011	-
	mg/L	0200	WL	04/23/2013	0002	QA	D	0.00086	B	U	#	0.00011	-
	mg/L	0202	WL	10/16/2012	0001	QA	D	0.032			#	0.00011	-
	mg/L	0202	WL	04/23/2013	0001	QA	D	0.068			#	0.00011	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	0.0095	B		#	0.00023	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	0.0081			#	0.00011	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	0.0035	B		#	0.00011	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	0.00011	U		#	0.00011	-
	mg/L	88-85	WL	10/15/2012	0002	QA	D	0.00011	U		#	0.00011	-
	mg/L	88-85	WL	04/22/2013	0001	QA	D	0.0012	B	U	#	0.00011	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	0.001	B	U	#	0.00011	-
	mg/L	92-07	WL	04/22/2013	0001	QA	D	0.0016	B	U	#	0.00011	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	0.020			#	0.00011	-
	mg/L	92-08	WL	04/23/2013	0001	QA	D	0.0098			#	0.00011	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	0.190			#	0.00057	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	0.190			#	0.00011	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	0.00011	U		#	0.00011	-
	mg/L	92-11	WL	10/16/2012	0002	QA	D	0.00057	U		#	0.00057	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	0.00037	B	U	#	0.00011	-
	mg/L	95-01	WL	10/17/2012	0001	QA	D	0.170			#	0.00011	-
	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	0.370			#	0.00011	-
	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	0.00011	U		#	0.00011	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Manganese	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	0.00017	B	U	#	0.00011	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	0.00098	B	U	#	0.00011	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	0.00077	B	U	#	0.00011	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	0.130			#	0.00011	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	0.0022	B		#	0.00023	-
	mg/L	P92-06	WL	04/23/2013	0001	QA	D	0.00098	B	U	#	0.00011	-
	mg/L	PW-10	WL	10/16/2012	0001	QA	D	0.0015	B		#	0.00011	-
	mg/L	PW-10	WL	04/24/2013	0001	QA	D	0.0048	B		#	0.00011	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	0.0037	B		#	0.00011	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	0.072			#	0.00011	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	0.00011	U		#	0.00011	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	0.00077	B	U	#	0.00011	-
	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	0.0039	B		#	0.00011	-
	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	0.00098	B	U	#	0.00011	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	0.029			#	0.00011	-
	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	0.026			#	0.00011	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	0.076			#	0.00011	-
	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	0.530			#	0.00011	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	0.210			#	0.00011	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	0.240			#	0.00011	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	0.210			#	0.00011	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	0.250			#	0.00011	-
	mg/L	R4-M3	WL	10/16/2012	0001	RM	D	0.0046	B		#	0.00011	-
	mg/L	R4-M3	WL	04/22/2013	0001	RM	D	0.0057			#	0.00011	-
	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	0.016			#	0.00011	-
	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	0.030			#	0.00011	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Manganese	mg/L	R6-M3	WL	10/16/2012	0001	QA	D	1.000			#	0.00011	-
	mg/L	R6-M3	WL	04/22/2013	0001	QA	D	1.100			#	0.00011	-
	mg/L	R6-M4	WL	10/16/2012	0001	QA	D	0.370			#	0.00011	-
	mg/L	R6-M4	WL	04/22/2013	0001	QA	D	0.280			#	0.00011	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	0.051			#	0.00011	-
	mg/L	T00-04	WL	10/16/2012	0001	QA	O	0.00011	U		#	0.00011	-
	mg/L	T01-01	WL	10/16/2012	0001	QA	O	1.600			#	0.00011	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	0.011			#	0.00011	-
	mg/L	T01-02	WL	10/16/2012	0001	QA	O	0.0037	B		#	0.00011	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	0.0015	B	U	#	0.00011	-
	mg/L	T01-04	WL	10/16/2012	0001	QA	O	0.00011	U		#	0.00011	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	0.0017	B	U	#	0.00011	-
	mg/L	T01-05	WL	10/16/2012	0001	QA	O	0.00011	U		#	0.00011	-
	mg/L	T01-05	WL	04/24/2013	0001	QA	O	0.00037	B	U	#	0.00011	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	0.00023	U		#	0.00023	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	0.00057	B	U	#	0.00011	-
	mg/L	T01-07	WL	04/24/2013	0002	QA	O	0.00011	B	U	#	0.00011	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	0.00011	U		#	0.00011	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	0.00037	B	U	#	0.00011	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	4.500			#	0.00057	-
	mg/L	T01-18	WL	10/17/2012	0001	QA	O	1.100			#	0.00057	-
	mg/L	T01-19	WL	10/17/2012	0001	QA	O	6.200			#	0.00011	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	6.300			#	0.00011	-
	mg/L	T01-20	WL	10/15/2012	0001	QA	O	11.000			#	0.00057	-
	mg/L	T01-23	WL	10/17/2012	0001	QA	O	0.570			#	0.00011	-
	mg/L	T01-25	WL	10/15/2012	0001	QA	O	2.500			#	0.00011	-

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Manganese	mg/L	T01-35	WL	10/15/2012	0001	QA	O	0.0018	B		#	0.00011	-
	mg/L	T01-35	WL	04/22/2013	0001	QA	O	0.0027	B		#	0.00011	-
Molybdenum	mg/L	0200	WL	10/16/2012	0001	QA	D	0.020			#	0.00032	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	0.024			#	0.00032	-
	mg/L	0200	WL	04/23/2013	0002	QA	D	0.023			#	0.00032	-
	mg/L	0202	WL	10/16/2012	0001	QA	D	0.032			#	0.00016	-
	mg/L	0202	WL	04/23/2013	0001	QA	D	0.031			#	0.00016	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	0.0056			#	3.2E-05	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	0.006			#	3.2E-05	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	0.0064			#	0.00032	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	0.026			#	0.00032	-
	mg/L	88-85	WL	10/15/2012	0002	QA	D	0.026			#	0.00032	-
	mg/L	88-85	WL	04/22/2013	0001	QA	D	0.025			#	0.00032	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	0.087			#	0.00064	-
	mg/L	92-07	WL	04/22/2013	0001	QA	D	0.072			#	0.00064	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	0.025			#	0.00032	-
	mg/L	92-08	WL	04/23/2013	0001	QA	D	0.025			#	0.00032	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	0.0022			#	0.00032	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	0.0025			#	0.00032	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	0.014			#	0.00032	-
	mg/L	92-11	WL	10/16/2012	0002	QA	D	0.014			#	0.00032	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	0.017			#	0.00032	-
	mg/L	95-01	WL	10/17/2012	0001	QA	D	0.00066			#	3.2E-05	-
	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	0.004			#	3.2E-05	-
	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	0.0015			#	3.2E-05	-
	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	0.0017			#	3.2E-05	-

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Molybdenum	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	0.092			#	0.00032	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	0.068			#	0.00032	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	0.039			#	0.00032	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	0.029			#	0.00032	-
	mg/L	P92-06	WL	04/23/2013	0001	QA	D	0.031			#	0.00032	-
	mg/L	PW-10	WL	10/16/2012	0001	QA	D	0.098			#	0.00064	-
	mg/L	PW-10	WL	04/24/2013	0001	QA	D	0.091			#	0.00064	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	0.110			#	0.00064	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	0.100			#	0.00064	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	0.015			#	0.00016	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	0.014			#	0.00016	-
	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	0.0034			#	3.2E-05	-
	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	0.0044			#	3.2E-05	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	0.061			#	0.00032	-
	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	0.052			#	0.00032	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	0.095			#	0.00032	-
	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	0.092			#	0.00032	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	0.068			#	0.00032	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	0.062			#	0.00032	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	0.060			#	0.00032	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	0.062			#	0.00032	-
	mg/L	R4-M3	WL	10/16/2012	0001	RM	D	0.052			#	3.2E-05	-
	mg/L	R4-M3	WL	04/22/2013	0001	RM	D	0.058			#	3.2E-05	-
	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	0.012			#	3.2E-05	-
	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	0.013			#	3.2E-05	-
	mg/L	R6-M3	WL	10/16/2012	0001	QA	D	0.097			#	3.2E-05	-

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Molybdenum	mg/L	R6-M3	WL	04/22/2013	0001	QA	D	0.074			#	3.2E-05	-
	mg/L	R6-M4	WL	10/16/2012	0001	QA	D	0.025			#	3.2E-05	-
	mg/L	R6-M4	WL	04/22/2013	0001	QA	D	0.054			#	3.2E-05	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	0.027			#	0.00032	-
	mg/L	T00-04	WL	10/16/2012	0001	QA	O	0.060			#	0.00032	-
	mg/L	T01-01	WL	10/16/2012	0001	QA	O	0.045			#	0.00032	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	0.010			#	0.00032	-
	mg/L	T01-02	WL	10/16/2012	0001	QA	O	0.020			#	0.00032	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	0.018			#	0.00032	-
	mg/L	T01-04	WL	10/16/2012	0001	QA	O	0.011			#	0.00032	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	0.013			#	0.00032	-
	mg/L	T01-05	WL	10/16/2012	0001	QA	O	0.0089			#	0.00032	-
	mg/L	T01-05	WL	04/24/2013	0001	QA	O	0.011			#	0.00032	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	0.0045			#	0.00016	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	0.0058			#	0.00016	-
	mg/L	T01-07	WL	04/24/2013	0002	QA	O	0.0068			#	0.00032	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	0.0036			#	0.00016	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	0.0038			#	0.00016	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	0.011			#	0.00016	-
	mg/L	T01-18	WL	10/17/2012	0001	QA	O	0.0019			#	0.00016	-
	mg/L	T01-19	WL	10/17/2012	0001	QA	O	0.0053			#	3.2E-05	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	0.0047			#	3.2E-05	-
	mg/L	T01-20	WL	10/15/2012	0001	QA	O	0.016			#	0.00032	-
	mg/L	T01-23	WL	10/17/2012	0001	QA	O	0.00036			#	3.2E-05	-
	mg/L	T01-25	WL	10/15/2012	0001	QA	O	0.0033			#	3.2E-05	-
	mg/L	T01-35	WL	10/15/2012	0001	QA	O	0.0041			#	0.00016	-

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Molybdenum	mg/L	T01-35	WL	04/22/2013	0001	QA	O	0.0055			#	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	0200	WL	10/16/2012	0001	QA	D	0.57			#	0.01	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	1.2			#	0.01	-
	mg/L	0200	WL	04/23/2013	0002	QA	D	1.1			#	0.02	-
	mg/L	0202	WL	10/16/2012	0001	QA	D	3.5			#	0.02	-
	mg/L	0202	WL	04/23/2013	0001	QA	D	1			#	0.02	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	2.4			#	0.02	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	1.2			#	0.02	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	1.2			#	0.02	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	2.6			#	0.02	-
	mg/L	88-85	WL	10/15/2012	0002	QA	D	2.6			#	0.02	-
	mg/L	88-85	WL	04/22/2013	0001	QA	D	1.6			#	0.02	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	0.65			#	0.01	-
	mg/L	92-07	WL	04/22/2013	0001	QA	D	0.18			#	0.01	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	1.4			#	0.01	-
	mg/L	92-08	WL	04/23/2013	0001	QA	D	0.93			#	0.01	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	0.01	U		#	0.01	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	0.01	U		#	0.01	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	2.6			#	0.02	-
	mg/L	92-11	WL	10/16/2012	0002	QA	D	2.4			#	0.02	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	2.3			#	0.02	-
	mg/L	95-01	WL	10/17/2012	0001	QA	D	0.023			#	0.01	-
	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	0.01	U		#	0.01	-
	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	0.12			#	0.01	-
	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	0.14			#	0.01	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	0.95			#	0.01	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Nitrate + Nitrite as Nitrogen	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	0.84			#	0.01	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	0.72			#	0.01	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	1.4			#	0.01	-
	mg/L	P92-06	WL	04/23/2013	0001	QA	D	1.6			#	0.01	-
	mg/L	PW-10	WL	10/16/2012	0001	QA	D	0.75			#	0.01	-
	mg/L	PW-10	WL	04/24/2013	0001	QA	D	0.3			#	0.01	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	0.54			#	0.01	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	0.18			#	0.01	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	4.5			#	0.05	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	4.5			#	0.05	-
	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	0.12			#	0.01	-
	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	0.11			#	0.01	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	1.3			#	0.01	-
	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	0.47			#	0.01	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	0.07			#	0.01	-
	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	0.01	U		#	0.01	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	0.01	U		#	0.01	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	0.01	U		#	0.01	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	0.01	U		#	0.01	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	0.01	U		#	0.01	-
	mg/L	R4-M3	WL	10/16/2012	0001	RM	D	0.032			#	0.01	-
	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	0.01	U		#	0.01	-
	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	0.01	U		#	0.01	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	0.25			#	0.01	-
	mg/L	T00-04	WL	10/16/2012	0001	QA	O	0.17			#	0.01	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	0.067			#	0.01	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Nitrate + Nitrite as Nitrogen	mg/L	T01-02	WL	10/16/2012	0001	QA	O	0.83			#	0.01	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	0.35			#	0.01	-
	mg/L	T01-04	WL	10/16/2012	0001	QA	O	1.3			#	0.01	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	1.2			#	0.01	-
	mg/L	T01-05	WL	10/16/2012	0001	QA	O	1.3			#	0.01	-
	mg/L	T01-05	WL	04/24/2013	0001	QA	O	1.3			#	0.01	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	3.9			#	0.02	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	7.6			#	0.1	-
	mg/L	T01-07	WL	04/24/2013	0002	QA	O	7.1			#	0.2	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	2.1			#	0.02	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	2.8			#	0.02	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	0.01	U		#	0.01	-
	mg/L	T01-18	WL	10/17/2012	0001	QA	O	2.2			#	0.02	-
	mg/L	T01-19	WL	10/17/2012	0001	QA	O	0.54			#	0.01	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	1.2			#	0.01	-
	mg/L	T01-20	WL	10/15/2012	0001	QA	O	0.01	U		#	0.01	-
	mg/L	T01-23	WL	10/17/2012	0001	QA	O	0.01	U		#	0.01	-
	mg/L	T01-25	WL	10/15/2012	0001	QA	O	0.093			#	0.01	-
	mg/L	T01-35	WL	10/15/2012	0001	QA	O	1.1			#	0.01	-
	mg/L	T01-35	WL	04/22/2013	0001	QA	O	1.2			#	0.01	-
Oxidation Reduction Potential	mV	0200	WL	04/23/2013	N001	QA	D	140.0			#	-	-
	mV	0202	WL	04/23/2013	N001	QA	D	44.0			#	-	-
	mV	82-08	WL	04/23/2013	N001	QA	D	117.8			#	-	-
	mV	88-85	WL	10/15/2012	N001	QA	D	26			#	-	-
	mV	88-85	WL	04/22/2013	N001	QA	D	85.7			#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Oxidation Reduction Potential	mV	92-07	WL	10/16/2012	N001	QA	D	50			#	-	-
	mV	92-07	WL	04/22/2013	N001	QA	D	94.4			#	-	-
	mV	92-08	WL	04/23/2013	N001	QA	D	144.3			#	-	-
	mV	92-09	WL	04/23/2013	N001	QA	D	7.7			#	-	-
	mV	92-11	WL	10/16/2012	N001	QA	D	45			#	-	-
	mV	92-11	WL	04/23/2013	N001	QA	D	116.9			#	-	-
	mV	MW00-06	WL	04/23/2013	N001	QA	D	119.9			#	-	-
	mV	P92-06	WL	04/23/2013	N001	QA	D	139.2			#	-	-
	mV	PW-28	WL	04/23/2013	N001	QA	D	206.7			#	-	-
	mV	R10-M1	WL	10/15/2012	N001	QA	D	-5			#	-	-
	mV	R10-M1	WL	04/22/2013	N001	QA	D	50.1			#	-	-
	mV	R1-M3	WL	10/15/2012	N001	QA	D	-20			#	-	-
	mV	R1-M3	WL	04/22/2013	N001	QA	D	-43.9			#	-	-
	mV	R1-M4	WL	10/15/2012	N001	QA	D	-121			#	-	-
	mV	R1-M4	WL	04/22/2013	N001	QA	D	-46.7			#	-	-
	mV	R3-M2	WL	10/15/2012	N001	RM	D	-5			#	-	-
	mV	R3-M2	WL	04/22/2013	N001	RM	D	-72.7			#	-	-
	mV	R3-M3	WL	10/15/2012	N001	RM	D	-140			#	-	-
	mV	R3-M3	WL	04/22/2013	N001	RM	D	-104.5			#	-	-
	mV	R4-M3	WL	10/16/2012	N001	RM	D	-40			#	-	-
	mV	R4-M3	WL	04/22/2013	N001	RM	D	-92.2			#	-	-
	mV	R4-M6	WL	10/15/2012	N001	RM	D	-95			#	-	-
	mV	R4-M6	WL	04/22/2013	N001	RM	D	-93.3			#	-	-
	mV	R6-M3	WL	10/16/2012	N001	QA	D	-185			#	-	-
	mV	R6-M3	WL	04/22/2013	N001	QA	D	-121.7			#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Oxidation Reduction Potential	mV	R6-M4	WL	10/16/2012	N001	QA	D	-90			#	-	-
	mV	R6-M4	WL	04/22/2013	N001	QA	D	-78.2			#	-	-
	mV	T01-35	WL	04/22/2013	N001	QA	O	186.3			#	-	-
pH	s.u.	0200	WL	10/16/2012	N001	QA	D	6.65			#	-	-
	s.u.	0200	WL	04/23/2013	N001	QA	D	6.85			#	-	-
	s.u.	0202	WL	10/16/2012	N001	QA	D	6.47			#	-	-
	s.u.	0202	WL	04/23/2013	N001	QA	D	6.95			#	-	-
	s.u.	82-08	WL	10/16/2012	N001	QA	D	5.89			#	-	-
	s.u.	82-08	WL	04/23/2013	N001	QA	D	6.27		J	#	-	-
	s.u.	88-85	WL	10/15/2012	N001	QA	D	6.59			#	-	-
	s.u.	88-85	WL	04/22/2013	N001	QA	D	6.92			#	-	-
	s.u.	92-07	WL	10/16/2012	N001	QA	D	6.62			#	-	-
	s.u.	92-07	WL	04/22/2013	N001	QA	D	6.89			#	-	-
	s.u.	92-08	WL	10/16/2012	N001	QA	D	6.57			#	-	-
	s.u.	92-08	WL	04/23/2013	N001	QA	D	6.92			#	-	-
	s.u.	92-09	WL	10/16/2012	N001	QA	D	6.70			#	-	-
	s.u.	92-09	WL	04/23/2013	N001	QA	D	6.85			#	-	-
	s.u.	92-11	WL	10/16/2012	N001	QA	D	6.59			#	-	-
	s.u.	92-11	WL	04/23/2013	N001	QA	D	6.70			#	-	-
	s.u.	95-01	WL	10/17/2012	N001	QA	D	6.97			#	-	-
	s.u.	95-03	WL	10/17/2012	N001	QA-KB	D	6.97			#	-	-
	s.u.	MW00-01	WL	10/15/2012	N001	QA	U	6.67			#	-	-
	s.u.	MW00-01	WL	04/24/2013	N001	QA	U	6.80		J	#	-	-
	s.u.	MW00-06	WL	10/16/2012	N001	QA	D	6.52			#	-	-
	s.u.	MW00-06	WL	04/23/2013	N001	QA	D	6.97			#	-	-

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
pH	s.u.	MW00-07	WL	10/16/2012	N001	QA	D	6.64			#	-	-
	s.u.	P92-06	WL	10/16/2012	N001	QA	D	6.60			#	-	-
	s.u.	P92-06	WL	04/23/2013	N001	QA	D	7.04			#	-	-
	s.u.	PW-10	WL	10/16/2012	N001	QA	D	6.57			#	-	-
	s.u.	PW-10	WL	04/24/2013	N001	QA	D	6.65			#	-	-
	s.u.	PW-17	WL	10/16/2012	N001	QA	D	6.60			#	-	-
	s.u.	PW-17	WL	04/24/2013	N001	QA	D	6.68			#	-	-
	s.u.	PW-28	WL	10/15/2012	N001	QA	D	6.51			#	-	-
	s.u.	PW-28	WL	04/23/2013	N001	QA	D	6.79			#	-	-
	s.u.	R10-M1	WL	10/15/2012	N001	QA	D	6.55			#	-	-
	s.u.	R10-M1	WL	04/22/2013	N001	QA	D	6.78			#	-	-
	s.u.	R1-M3	WL	10/15/2012	N001	QA	D	6.69			#	-	-
	s.u.	R1-M3	WL	04/22/2013	N001	QA	D	6.91			#	-	-
	s.u.	R1-M4	WL	10/15/2012	N001	QA	D	6.83			#	-	-
	s.u.	R1-M4	WL	04/22/2013	N001	QA	D	7.13			#	-	-
	s.u.	R3-M2	WL	10/15/2012	N001	RM	D	6.98			#	-	-
	s.u.	R3-M2	WL	04/22/2013	N001	RM	D	7.19			#	-	-
	s.u.	R3-M3	WL	10/15/2012	N001	RM	D	7.28			#	-	-
	s.u.	R3-M3	WL	04/22/2013	N001	RM	D	7.57			#	-	-
	s.u.	R4-M3	WL	10/16/2012	N001	RM	D	9.72			#	-	-
	s.u.	R4-M3	WL	04/22/2013	N001	RM	D	10.05			#	-	-
	s.u.	R4-M6	WL	10/15/2012	N001	RM	D	9.91			#	-	-
	s.u.	R4-M6	WL	04/22/2013	N001	RM	D	10.30			#	-	-
	s.u.	R6-M3	WL	10/16/2012	N001	QA	D	6.71			#	-	-
	s.u.	R6-M3	WL	04/22/2013	N001	QA	D	6.92			#	-	-
	s.u.	R6-M4	WL	10/16/2012	N001	QA	D	7.01			#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
pH	s.u.	R6-M4	WL	04/22/2013	N001	QA	D	7.30			#	-	-
	s.u.	T00-01	WL	10/16/2012	N001	QA	O	6.87			#	-	-
	s.u.	T00-04	WL	10/16/2012	N001	QA	O	7.01			#	-	-
	s.u.	T01-01	WL	10/16/2012	N001	QA	O	7.34			#	-	-
	s.u.	T01-01	WL	04/24/2013	N001	QA	O	7.10			#	-	-
	s.u.	T01-02	WL	10/16/2012	N001	QA	O	7.02			#	-	-
	s.u.	T01-02	WL	04/24/2013	N001	QA	O	7.32			#	-	-
	s.u.	T01-04	WL	10/16/2012	N001	QA	O	6.96			#	-	-
	s.u.	T01-04	WL	04/24/2013	N001	QA	O	7.15			#	-	-
	s.u.	T01-05	WL	10/16/2012	N001	QA	O	6.97			#	-	-
	s.u.	T01-05	WL	04/24/2013	N001	QA	O	7.17			#	-	-
	s.u.	T01-07	WL	10/15/2012	N001	QA	O	6.66			#	-	-
	s.u.	T01-07	WL	04/24/2013	N001	QA	O	6.56			#	-	-
	s.u.	T01-12	WL	10/17/2012	N001	QA	O	6.93			#	-	-
	s.u.	T01-12	WL	04/22/2013	N001	QA	O	6.94			#	-	-
	s.u.	T01-13	WL	10/15/2012	N001	QA	O	6.94			#	-	-
	s.u.	T01-18	WL	10/17/2012	N001	QA	O	6.77			#	-	-
	s.u.	T01-19	WL	10/17/2012	N001	QA	O	7.08			#	-	-
	s.u.	T01-19	WL	04/23/2013	N001	QA	O	6.82			#	-	-
	s.u.	T01-20	WL	10/15/2012	N001	QA	O	6.84			#	-	-
	s.u.	T01-23	WL	10/17/2012	N001	QA	O	6.87			#	-	-
	s.u.	T01-25	WL	10/15/2012	N001	QA	O	6.58			#	-	-
	s.u.	T01-35	WL	10/15/2012	N001	QA	O	6.91			#	-	-
	s.u.	T01-35	WL	04/22/2013	N001	QA	O	6.92			#	-	-
Potassium	mg/L	0200	WL	10/16/2012	0001	QA	D	5.600			#	0.54	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	9.700	EN	J	#	0.11	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Potassium	mg/L	0200	WL	04/23/2013	0002	QA	D	9.900		J	#	0.11	-
	mg/L	0202	WL	10/16/2012	0001	QA	D	9.900			#	0.11	-
	mg/L	0202	WL	04/23/2013	0001	QA	D	9.600		J	#	0.11	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	6.700			#	0.22	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	7.700		J	#	0.11	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	7.600		J	#	0.11	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	9.600			#	0.11	-
	mg/L	88-85	WL	10/15/2012	0002	QA	D	9.400			#	0.11	-
	mg/L	88-85	WL	04/22/2013	0001	QA	D	9.800		J	#	0.11	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	20.000			#	0.11	-
	mg/L	92-07	WL	04/22/2013	0001	QA	D	19.000		J	#	0.11	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	11.000			#	0.11	-
	mg/L	92-08	WL	04/23/2013	0001	QA	D	12.000		J	#	0.11	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	1.700	B		#	0.54	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	3.800		J	#	0.11	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	8.100		J	#	0.11	-
	mg/L	92-11	WL	10/16/2012	0002	QA	D	5.100		J	#	0.54	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	8.800		J	#	0.11	-
	mg/L	95-01	WL	10/17/2012	0001	QA	D	3.300			#	0.11	-
	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	4.200			#	0.11	-
	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	3.400			#	0.11	-
	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	3.700		J	#	0.11	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	19.000			#	0.11	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	17.000		J	#	0.11	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	17.000			#	0.11	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	9.800			#	0.22	-

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Potassium	mg/L	P92-06	WL	04/23/2013	0001	QA	D	11.000		J	#	0.11	-
	mg/L	PW-10	WL	10/16/2012	0001	QA	D	20.000			#	0.11	-
	mg/L	PW-10	WL	04/24/2013	0001	QA	D	19.000		J	#	0.11	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	21.000			#	0.11	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	20.000		J	#	0.11	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	7.600			#	0.11	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	7.700		J	#	0.11	-
	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	18.000			#	0.11	-
	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	18.000		J	#	0.11	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	17.000			#	0.11	-
	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	16.000		J	#	0.11	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	17.000			#	0.11	-
	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	16.000	EN	J	#	0.11	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	17.000			#	0.11	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	16.000		J	#	0.11	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	18.000			#	0.11	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	16.000		J	#	0.11	-
	mg/L	R4-M3	WL	10/16/2012	0001	RM	D	19.000			#	0.11	-
	mg/L	R4-M3	WL	04/22/2013	0001	RM	D	20.000		J	#	0.11	-
	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	13.000			#	0.11	-
	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	18.000		J	#	0.11	-
	mg/L	R6-M3	WL	10/16/2012	0001	QA	D	15.000			#	0.11	-
	mg/L	R6-M3	WL	04/22/2013	0001	QA	D	14.000		J	#	0.11	-
	mg/L	R6-M4	WL	10/16/2012	0001	QA	D	16.000			#	0.11	-
	mg/L	R6-M4	WL	04/22/2013	0001	QA	D	13.000		J	#	0.11	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	14.000			#	0.11	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Potassium	mg/L	T00-04	WL	10/16/2012	0001	QA	O	6.200			#	0.11	-
	mg/L	T01-01	WL	10/16/2012	0001	QA	O	23.000			#	0.11	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	13.000		J	#	0.11	-
	mg/L	T01-02	WL	10/16/2012	0001	QA	O	11.000			#	0.11	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	11.000	EN	J	#	0.11	-
	mg/L	T01-04	WL	10/16/2012	0001	QA	O	8.300			#	0.11	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	7.500		J	#	0.11	-
	mg/L	T01-05	WL	10/16/2012	0001	QA	O	7.500			#	0.11	-
	mg/L	T01-05	WL	04/24/2013	0001	QA	O	7.400		J	#	0.11	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	5.300			#	0.22	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	7.500		J	#	0.11	-
	mg/L	T01-07	WL	04/24/2013	0002	QA	O	7.600		J	#	0.11	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	5.600			#	0.11	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	5.900		J	#	0.11	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	12.000			#	0.54	-
	mg/L	T01-18	WL	10/17/2012	0001	QA	O	4.200	B		#	0.54	-
	mg/L	T01-19	WL	10/17/2012	0001	QA	O	5.500			#	0.11	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	5.600		J	#	0.11	-
	mg/L	T01-20	WL	10/15/2012	0001	QA	O	7.700			#	0.54	-
	mg/L	T01-23	WL	10/17/2012	0001	QA	O	3.700			#	0.11	-
	mg/L	T01-25	WL	10/15/2012	0001	QA	O	16.000			#	0.11	-
	mg/L	T01-35	WL	10/15/2012	0001	QA	O	5.300			#	0.11	-
	mg/L	T01-35	WL	04/22/2013	0001	QA	O	5.900		J	#	0.11	-
Selenium	mg/L	0200	WL	10/16/2012	0001	QA	D	0.035			#	0.00032	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	0.074			#	0.00032	-
	mg/L	0200	WL	04/23/2013	0002	QA	D	0.080			#	0.00032	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Selenium	mg/L	0202	WL	10/16/2012	0001	QA	D	0.029			#	0.00016	-
	mg/L	0202	WL	04/23/2013	0001	QA	D	0.014			#	0.00016	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	0.019			#	3.2E-05	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	0.013			#	3.2E-05	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	0.014			#	3.2E-05	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	0.029			#	0.00032	-
	mg/L	88-85	WL	10/15/2012	0002	QA	D	0.028			#	0.00032	-
	mg/L	88-85	WL	04/22/2013	0001	QA	D	0.032			#	0.00032	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	0.067			#	0.00065	-
	mg/L	92-07	WL	04/22/2013	0001	QA	D	0.050			#	0.00065	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	0.042			#	0.00032	-
	mg/L	92-08	WL	04/23/2013	0001	QA	D	0.060			#	0.00032	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	0.00011			#	3.2E-05	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	0.00018			#	3.2E-05	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	0.022			#	0.00032	-
	mg/L	92-11	WL	10/16/2012	0002	QA	D	0.022			#	0.00032	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	0.025			#	0.00032	-
	mg/L	95-01	WL	10/17/2012	0001	QA	D	0.00003	U		#	3.2E-05	-
	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	0.00003	U		#	3.2E-05	-
	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	0.0013			#	3.2E-05	-
	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	0.0021			#	3.2E-05	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	0.063			#	0.00032	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	0.046			#	0.00032	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	0.027			#	0.00032	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	0.013			#	0.00032	-
	mg/L	P92-06	WL	04/23/2013	0001	QA	D	0.045			#	0.00032	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Selenium	mg/L	PW-10	WL	10/16/2012	0001	QA	D	0.068			#	0.00065	-
	mg/L	PW-10	WL	04/24/2013	0001	QA	D	0.052			#	0.00065	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	0.060			#	0.00065	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	0.044			#	0.00065	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	0.025			#	0.00016	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	0.023			#	0.00016	-
	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	0.0027			#	3.2E-05	-
	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	0.0072			#	3.2E-05	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	0.063			#	0.00032	-
	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	0.046			#	0.00032	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	0.010			#	0.00032	-
	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	0.00062			#	3.2E-05	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	0.0021			#	3.2E-05	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	0.00046			#	3.2E-05	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	0.00034			#	3.2E-05	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	0.00023			#	3.2E-05	-
	mg/L	R4-M3	WL	10/16/2012	0001	RM	D	0.00012			#	3.2E-05	-
	mg/L	R4-M3	WL	04/22/2013	0001	RM	D	0.00017			#	3.2E-05	-
	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	0.00008	B		#	3.2E-05	-
	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	0.00013			#	3.2E-05	-
	mg/L	R6-M3	WL	10/16/2012	0001	QA	D	0.00034			#	3.2E-05	-
	mg/L	R6-M3	WL	04/22/2013	0001	QA	D	0.0052			#	3.2E-05	-
	mg/L	R6-M4	WL	10/16/2012	0001	QA	D	0.0019			#	3.2E-05	-
	mg/L	R6-M4	WL	04/22/2013	0001	QA	D	0.0014			#	3.2E-05	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	0.042			#	0.00032	-
	mg/L	T00-04	WL	10/16/2012	0001	QA	O	0.0059			#	0.00032	-

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Selenium	mg/L	T01-01	WL	10/16/2012	0001	QA	O	0.020			#	0.00032	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	0.0023			#	0.00032	-
	mg/L	T01-02	WL	10/16/2012	0001	QA	O	0.026			#	0.00032	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	0.020			#	0.00032	-
	mg/L	T01-04	WL	10/16/2012	0001	QA	O	0.020			#	0.00032	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	0.019			#	0.00032	-
	mg/L	T01-05	WL	10/16/2012	0001	QA	O	0.018			#	0.00032	-
	mg/L	T01-05	WL	04/24/2013	0001	QA	O	0.020			#	0.00032	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	0.019			#	0.00016	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	0.024			#	0.00016	-
	mg/L	T01-07	WL	04/24/2013	0002	QA	O	0.024			#	0.00032	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	0.014			#	0.00016	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	0.016			#	0.00016	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	0.00014			#	3.2E-05	-
	mg/L	T01-18	WL	10/17/2012	0001	QA	O	0.013			#	3.2E-05	-
	mg/L	T01-19	WL	10/17/2012	0001	QA	O	0.00025			#	3.2E-05	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	0.00018		U	#	3.2E-05	-
	mg/L	T01-20	WL	10/15/2012	0001	QA	O	0.00019			#	3.2E-05	-
	mg/L	T01-23	WL	10/17/2012	0001	QA	O	0.00005	B		#	3.2E-05	-
	mg/L	T01-25	WL	10/15/2012	0001	QA	O	0.00033			#	3.2E-05	-
	mg/L	T01-35	WL	10/15/2012	0001	QA	O	0.012			#	0.00016	-
	mg/L	T01-35	WL	04/22/2013	0001	QA	O	0.012			#	0.00016	-
Sodium	mg/L	0200	WL	10/16/2012	0001	QA	D	160.000			#	0.033	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	140.000	E	J	#	0.033	-
	mg/L	0200	WL	04/23/2013	0002	QA	D	150.000		J	#	0.033	-
	mg/L	0202	WL	10/16/2012	0001	QA	D	160.000			#	0.013	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Sodium	mg/L	0202	WL	04/23/2013	0001	QA	D	130.000		J	#	0.0066	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	170.000			#	0.013	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	150.000		J	#	0.0066	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	150.000		J	#	0.0066	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	130.000			#	0.0066	-
	mg/L	88-85	WL	10/15/2012	0002	QA	D	130.000			#	0.0066	-
	mg/L	88-85	WL	04/22/2013	0001	QA	D	130.000		J	#	0.0066	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	120.000			#	0.0066	-
	mg/L	92-07	WL	04/22/2013	0001	QA	D	100.000		J	#	0.0066	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	130.000			#	0.0066	-
	mg/L	92-08	WL	04/23/2013	0001	QA	D	120.000		J	#	0.0066	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	210.000			#	0.033	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	190.000		J	#	0.033	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	130.000			#	0.0066	-
	mg/L	92-11	WL	10/16/2012	0002	QA	D	120.000			#	0.033	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	120.000		J	#	0.0066	-
	mg/L	95-01	WL	10/17/2012	0001	QA	D	69.000			#	0.0066	-
	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	110.000			#	0.0066	-
	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	40.000			#	0.0066	-
	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	38.000		J	#	0.0066	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	140.000			#	0.0066	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	120.000		J	#	0.0066	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	160.000			#	0.013	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	180.000			#	0.013	-
	mg/L	P92-06	WL	04/23/2013	0001	QA	D	150.000		J	#	0.033	-
	mg/L	PW-10	WL	10/16/2012	0001	QA	D	130.000			#	0.0066	-

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REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Sodium	mg/L	PW-10	WL	04/24/2013	0001	QA	D	110.000		J	#	0.0066	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	140.000			#	0.0066	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	120.000		J	#	0.0066	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	170.000			#	0.013	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	140.000		J	#	0.033	-
	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	140.000			#	0.0066	-
	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	120.000		J	#	0.0066	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	120.000			#	0.0066	-
	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	110.000		J	#	0.0066	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	120.000			#	0.0066	-
	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	110.000	EN	J	#	0.0066	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	120.000			#	0.0066	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	110.000		J	#	0.0066	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	120.000			#	0.0066	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	110.000		J	#	0.0066	-
	mg/L	R4-M3	WL	10/16/2012	0001	RM	D	130.000			#	0.0066	-
	mg/L	R4-M3	WL	04/22/2013	0001	RM	D	120.000		J	#	0.0066	-
	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	110.000			#	0.0066	-
	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	110.000		J	#	0.0066	-
	mg/L	R6-M3	WL	10/16/2012	0001	QA	D	150.000			#	0.0066	-
	mg/L	R6-M3	WL	04/22/2013	0001	QA	D	140.000		J	#	0.0066	-
	mg/L	R6-M4	WL	10/16/2012	0001	QA	D	110.000			#	0.0066	-
	mg/L	R6-M4	WL	04/22/2013	0001	QA	D	100.000		J	#	0.0066	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	130.000			#	0.0066	-
	mg/L	T00-04	WL	10/16/2012	0001	QA	O	75.000			#	0.0066	-
	mg/L	T01-01	WL	10/16/2012	0001	QA	O	160.000			#	0.013	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Sodium	mg/L	T01-01	WL	04/24/2013	0001	QA	O	150.000		J	#	0.033	-
	mg/L	T01-02	WL	10/16/2012	0001	QA	O	120.000			#	0.0066	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	140.000	EN	J	#	0.0066	-
	mg/L	T01-04	WL	10/16/2012	0001	QA	O	120.000			#	0.0066	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	110.000		J	#	0.0066	-
	mg/L	T01-05	WL	10/16/2012	0001	QA	O	120.000			#	0.0066	-
	mg/L	T01-05	WL	04/24/2013	0001	QA	O	120.000		J	#	0.0066	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	190.000			#	0.013	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	180.000		J	#	0.033	-
	mg/L	T01-07	WL	04/24/2013	0002	QA	O	180.000		J	#	0.033	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	140.000			#	0.0066	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	130.000		J	#	0.0066	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	300.000			#	0.033	-
	mg/L	T01-18	WL	10/17/2012	0001	QA	O	280.000			#	0.033	-
	mg/L	T01-19	WL	10/17/2012	0001	QA	O	120.000			#	0.0066	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	110.000		J	#	0.0066	-
	mg/L	T01-20	WL	10/15/2012	0001	QA	O	400.000			#	0.033	-
	mg/L	T01-23	WL	10/17/2012	0001	QA	O	54.000			#	0.0066	-
	mg/L	T01-25	WL	10/15/2012	0001	QA	O	190.000			#	0.013	-
	mg/L	T01-35	WL	10/15/2012	0001	QA	O	120.000			#	0.0066	-
	mg/L	T01-35	WL	04/22/2013	0001	QA	O	110.000		J	#	0.0066	-
Specific Conductance	umhos/cm	0200	WL	10/16/2012	N001	QA	D	2340			#	-	-
	umhos/cm	0200	WL	04/23/2013	N001	QA	D	2232			#	-	-
	umhos/cm	0202	WL	10/16/2012	N001	QA	D	2050			#	-	-
	umhos/cm	0202	WL	04/23/2013	N001	QA	D	2060			#	-	-
	umhos/cm	82-08	WL	10/16/2012	N001	QA	D	2830			#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Specific Conductance	umhos/cm	82-08	WL	04/23/2013	N001	QA	D	2496		J	#	-	-
	umhos/cm	88-85	WL	10/15/2012	N001	QA	D	2207			#	-	-
	umhos/cm	88-85	WL	04/22/2013	N001	QA	D	2090			#	-	-
	umhos/cm	92-07	WL	10/16/2012	N001	QA	D	2100			#	-	-
	umhos/cm	92-07	WL	04/22/2013	N001	QA	D	1994			#	-	-
	umhos/cm	92-08	WL	10/16/2012	N001	QA	D	2230			#	-	-
	umhos/cm	92-08	WL	04/23/2013	N001	QA	D	2034			#	-	-
	umhos/cm	92-09	WL	10/16/2012	N001	QA	D	2520			#	-	-
	umhos/cm	92-09	WL	04/23/2013	N001	QA	D	2342			#	-	-
	umhos/cm	92-11	WL	10/16/2012	N001	QA	D	2190			#	-	-
	umhos/cm	92-11	WL	04/23/2013	N001	QA	D	2119			#	-	-
	umhos/cm	95-01	WL	10/17/2012	N001	QA	D	595			#	-	-
	umhos/cm	95-03	WL	10/17/2012	N001	QA-KB	D	1550			#	-	-
	umhos/cm	MW00-01	WL	10/15/2012	N001	QA	U	1693			#	-	-
	umhos/cm	MW00-01	WL	04/24/2013	N001	QA	U	1293			#	-	-
	umhos/cm	MW00-06	WL	10/16/2012	N001	QA	D	2165			#	-	-
	umhos/cm	MW00-06	WL	04/23/2013	N001	QA	D	1981			#	-	-
	umhos/cm	MW00-07	WL	10/16/2012	N001	QA	D	2160			#	-	-
	umhos/cm	P92-06	WL	10/16/2012	N001	QA	D	2605			#	-	-
	umhos/cm	P92-06	WL	04/23/2013	N001	QA	D	2330			#	-	-
	umhos/cm	PW-10	WL	10/16/2012	N001	QA	D	2130			#	-	-
	umhos/cm	PW-10	WL	04/24/2013	N001	QA	D	1996			#	-	-
	umhos/cm	PW-17	WL	10/16/2012	N001	QA	D	2110			#	-	-
	umhos/cm	PW-17	WL	04/24/2013	N001	QA	D	1993			#	-	-
	umhos/cm	PW-28	WL	10/15/2012	N001	QA	D	2491			#	-	-
	umhos/cm	PW-28	WL	04/23/2013	N001	QA	D	2320			#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Specific Conductance	umhos/cm	R10-M1	WL	10/15/2012	N001	QA	D	1960			#	-	-
	umhos/cm	R10-M1	WL	04/22/2013	N001	QA	D	1983			#	-	-
	umhos/cm	R1-M3	WL	10/15/2012	N001	QA	D	2120			#	-	-
	umhos/cm	R1-M3	WL	04/22/2013	N001	QA	D	2027			#	-	-
	umhos/cm	R1-M4	WL	10/15/2012	N001	QA	D	2078			#	-	-
	umhos/cm	R1-M4	WL	04/22/2013	N001	QA	D	2061			#	-	-
	umhos/cm	R3-M2	WL	10/15/2012	N001	RM	D	2125			#	-	-
	umhos/cm	R3-M2	WL	04/22/2013	N001	RM	D	2001			#	-	-
	umhos/cm	R3-M3	WL	10/15/2012	N001	RM	D	2030			#	-	-
	umhos/cm	R3-M3	WL	04/22/2013	N001	RM	D	1981			#	-	-
	umhos/cm	R4-M3	WL	10/16/2012	N001	RM	D	1105			#	-	-
	umhos/cm	R4-M3	WL	04/22/2013	N001	RM	D	887			#	-	-
	umhos/cm	R4-M6	WL	10/15/2012	N001	RM	D	920			#	-	-
	umhos/cm	R4-M6	WL	04/22/2013	N001	RM	D	938			#	-	-
	umhos/cm	R6-M3	WL	10/16/2012	N001	QA	D	1960			#	-	-
	umhos/cm	R6-M3	WL	04/22/2013	N001	QA	D	1696			#	-	-
	umhos/cm	R6-M4	WL	10/16/2012	N001	QA	D	1250			#	-	-
	umhos/cm	R6-M4	WL	04/22/2013	N001	QA	D	989			#	-	-
	umhos/cm	T00-01	WL	10/16/2012	N001	QA	O	1981			#	-	-
	umhos/cm	T00-04	WL	10/16/2012	N001	QA	O	1808			#	-	-
	umhos/cm	T01-01	WL	10/16/2012	N001	QA	O	2258			#	-	-
	umhos/cm	T01-01	WL	04/24/2013	N001	QA	O	2191			#	-	-
	umhos/cm	T01-02	WL	10/16/2012	N001	QA	O	2066			#	-	-
	umhos/cm	T01-02	WL	04/24/2013	N001	QA	O	1916			#	-	-
	umhos/cm	T01-04	WL	10/16/2012	N001	QA	O	2076			#	-	-
	umhos/cm	T01-04	WL	04/24/2013	N001	QA	O	1814			#	-	-

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REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Specific Conductance	umhos/cm	T01-05	WL	10/16/2012	N001	QA	O	2085			#	-	-
	umhos/cm	T01-05	WL	04/24/2013	N001	QA	O	1816			#	-	-
	umhos/cm	T01-07	WL	10/15/2012	N001	QA	O	2608			#	-	-
	umhos/cm	T01-07	WL	04/24/2013	N001	QA	O	2691			#	-	-
	umhos/cm	T01-12	WL	10/17/2012	N001	QA	O	2126			#	-	-
	umhos/cm	T01-12	WL	04/22/2013	N001	QA	O	1854			#	-	-
	umhos/cm	T01-13	WL	10/15/2012	N001	QA	O	3128			#	-	-
	umhos/cm	T01-18	WL	10/17/2012	N001	QA	O	4296			#	-	-
	umhos/cm	T01-19	WL	10/17/2012	N001	QA	O	2092			#	-	-
	umhos/cm	T01-19	WL	04/23/2013	N001	QA	O	1670			#	-	-
	umhos/cm	T01-20	WL	10/15/2012	N001	QA	O	3711			#	-	-
	umhos/cm	T01-23	WL	10/17/2012	N001	QA	O	1629			#	-	-
	umhos/cm	T01-25	WL	10/15/2012	N001	QA	O	2883			#	-	-
	umhos/cm	T01-35	WL	10/15/2012	N001	QA	O	2052			#	-	-
	umhos/cm	T01-35	WL	04/22/2013	N001	QA	O	1799			#	-	-
Sulfate	mg/L	0200	WL	10/16/2012	0001	QA	D	990			#	10	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	930			#	5	-
	mg/L	0200	WL	04/23/2013	0002	QA	D	930			#	5	-
	mg/L	0202	WL	10/16/2012	0001	QA	D	940			#	10	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	1400			#	10	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	1100			#	25	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	1100			#	25	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	820			#	10	-
	mg/L	88-85	WL	10/15/2012	0002	QA	D	810			#	10	-
	mg/L	88-85	WL	04/22/2013	0001	QA	D	890			#	5	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	870			#	10	-

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Sulfate	mg/L	92-07	WL	04/22/2013	0001	QA	D	910			#	5	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	880			#	10	-
	mg/L	92-08	WL	04/23/2013	0001	QA	D	880			#	5	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	900			#	10	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	890			#	5	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	780			#	10	-
	mg/L	92-11	WL	10/16/2012	0002	QA	D	780			#	10	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	870			#	5	-
	mg/L	95-01	WL	10/17/2012	0001	QA	D	120			#	2.5	-
	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	520			#	10	-
	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	720			#	10	-
	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	630			#	25	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	880			#	10	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	880			#	5	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	750			#	10	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	1200			#	10	-
	mg/L	P92-06	WL	04/23/2013	0001	QA	D	1000			#	5	-
	mg/L	PW-10	WL	10/16/2012	0001	QA	D	880			#	10	-
	mg/L	PW-10	WL	04/24/2013	0001	QA	D	890			#	5	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	910			#	10	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	900			#	5	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	950			#	10	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	940			#	5	-
	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	760			#	10	-
	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	860			#	5	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	870			#	10	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

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Sulfate	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	920			#	25	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	820			#	10	-
	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	880			#	25	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	850			#	10	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	900			#	25	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	800			#	10	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	880			#	25	-
	mg/L	R4-M3	WL	10/16/2012	0001	RM	D	210			#	2.5	-
	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	250			#	2.5	-
	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	510			#	25	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	850			#	10	-
	mg/L	T00-04	WL	10/16/2012	0001	QA	O	810			#	10	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	1200			#	25	-
	mg/L	T01-02	WL	10/16/2012	0001	QA	O	790			#	10	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	960			#	10	-
	mg/L	T01-04	WL	10/16/2012	0001	QA	O	800			#	10	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	830			#	10	-
	mg/L	T01-05	WL	10/16/2012	0001	QA	O	800			#	10	-
	mg/L	T01-05	WL	04/24/2013	0001	QA	O	820			#	10	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	1000			#	10	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	1100			#	10	-
	mg/L	T01-07	WL	04/24/2013	0002	QA	O	1100			#	25	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	740			#	10	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	770			#	10	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	1200			#	25	-
	mg/L	T01-18	WL	10/17/2012	0001	QA	O	2000			#	25	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Sulfate	mg/L	T01-19	WL	10/17/2012	0001	QA	O	540			#	10	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	550			#	5	-
	mg/L	T01-20	WL	10/15/2012	0001	QA	O	1500			#	25	-
	mg/L	T01-23	WL	10/17/2012	0001	QA	O	650			#	10	-
	mg/L	T01-25	WL	10/15/2012	0001	QA	O	750			#	25	-
	mg/L	T01-35	WL	10/15/2012	0001	QA	O	790			#	10	-
	mg/L	T01-35	WL	04/22/2013	0001	QA	O	850			#	5	-
Temperature	C	0200	WL	10/16/2012	N001	QA	D	13.8			#	-	-
	C	0200	WL	04/23/2013	N001	QA	D	8.46			#	-	-
	C	0202	WL	10/16/2012	N001	QA	D	16.4			#	-	-
	C	0202	WL	04/23/2013	N001	QA	D	10.68			#	-	-
	C	82-08	WL	10/16/2012	N001	QA	D	15.3			#	-	-
	C	82-08	WL	04/23/2013	N001	QA	D	9.67			#	-	-
	C	88-85	WL	10/15/2012	N001	QA	D	15.21			#	-	-
	C	88-85	WL	04/22/2013	N001	QA	D	10.32			#	-	-
	C	92-07	WL	10/16/2012	N001	QA	D	12.8			#	-	-
	C	92-07	WL	04/22/2013	N001	QA	D	9.41			#	-	-
	C	92-08	WL	10/16/2012	N001	QA	D	13.0			#	-	-
	C	92-08	WL	04/23/2013	N001	QA	D	9.05			#	-	-
	C	92-09	WL	10/16/2012	N001	QA	D	13.1			#	-	-
	C	92-09	WL	04/23/2013	N001	QA	D	8.86			#	-	-
	C	92-11	WL	10/16/2012	N001	QA	D	12.7			#	-	-
	C	92-11	WL	04/23/2013	N001	QA	D	10.45			#	-	-
	C	95-01	WL	10/17/2012	N001	QA	D	12.4			#	-	-
	C	95-03	WL	10/17/2012	N001	QA-KB	D	12.0			#	-	-
	C	MW00-01	WL	10/15/2012	N001	QA	U	11.80			#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	MW00-01	WL	04/24/2013	N001	QA	U	8.26			#	-	-
	C	MW00-06	WL	10/16/2012	N001	QA	D	12.6			#	-	-
	C	MW00-06	WL	04/23/2013	N001	QA	D	9.44			#	-	-
	C	MW00-07	WL	10/16/2012	N001	QA	D	14.3			#	-	-
	C	P92-06	WL	10/16/2012	N001	QA	D	11.5			#	-	-
	C	P92-06	WL	04/23/2013	N001	QA	D	8.68			#	-	-
	C	PW-10	WL	10/16/2012	N001	QA	D	15.6			#	-	-
	C	PW-10	WL	04/24/2013	N001	QA	D	8.73			#	-	-
	C	PW-17	WL	10/16/2012	N001	QA	D	14.8			#	-	-
	C	PW-17	WL	04/24/2013	N001	QA	D	9.68			#	-	-
	C	PW-28	WL	10/15/2012	N001	QA	D	13.79			#	-	-
	C	PW-28	WL	04/23/2013	N001	QA	D	9.41			#	-	-
	C	R10-M1	WL	10/15/2012	N001	QA	D	14.6			#	-	-
	C	R10-M1	WL	04/22/2013	N001	QA	D	11.88			#	-	-
	C	R1-M3	WL	10/15/2012	N001	QA	D	14.4			#	-	-
	C	R1-M3	WL	04/22/2013	N001	QA	D	10.48			#	-	-
	C	R1-M4	WL	10/15/2012	N001	QA	D	15.2			#	-	-
	C	R1-M4	WL	04/22/2013	N001	QA	D	13.48			#	-	-
	C	R3-M2	WL	10/15/2012	N001	RM	D	15.5			#	-	-
	C	R3-M2	WL	04/22/2013	N001	RM	D	10.72			#	-	-
	C	R3-M3	WL	10/15/2012	N001	RM	D	17.0			#	-	-
	C	R3-M3	WL	04/22/2013	N001	RM	D	11.98			#	-	-
	C	R4-M3	WL	10/16/2012	N001	RM	D	15.5			#	-	-
	C	R4-M3	WL	04/22/2013	N001	RM	D	10.87			#	-	-
	C	R4-M6	WL	10/15/2012	N001	RM	D	16.90			#	-	-
	C	R4-M6	WL	04/22/2013	N001	RM	D	12.72			#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	R6-M3	WL	10/16/2012	N001	QA	D	15.3			#	-	-
	C	R6-M3	WL	04/22/2013	N001	QA	D	11.39			#	-	-
	C	R6-M4	WL	10/16/2012	N001	QA	D	16.3			#	-	-
	C	R6-M4	WL	04/22/2013	N001	QA	D	11.72			#	-	-
	C	T00-01	WL	10/16/2012	N001	QA	O	15.75			#	-	-
	C	T00-04	WL	10/16/2012	N001	QA	O	16.54			#	-	-
	C	T01-01	WL	10/16/2012	N001	QA	O	21.01			#	-	-
	C	T01-01	WL	04/24/2013	N001	QA	O	6.97			#	-	-
	C	T01-02	WL	10/16/2012	N001	QA	O	15.80			#	-	-
	C	T01-02	WL	04/24/2013	N001	QA	O	9.52			#	-	-
	C	T01-04	WL	10/16/2012	N001	QA	O	15.89			#	-	-
	C	T01-04	WL	04/24/2013	N001	QA	O	10.36			#	-	-
	C	T01-05	WL	10/16/2012	N001	QA	O	15.47			#	-	-
	C	T01-05	WL	04/24/2013	N001	QA	O	9.12			#	-	-
	C	T01-07	WL	10/15/2012	N001	QA	O	13.51			#	-	-
	C	T01-07	WL	04/24/2013	N001	QA	O	10.95			#	-	-
	C	T01-12	WL	10/17/2012	N001	QA	O	13.23			#	-	-
	C	T01-12	WL	04/22/2013	N001	QA	O	10.58			#	-	-
	C	T01-13	WL	10/15/2012	N001	QA	O	17.39			#	-	-
	C	T01-18	WL	10/17/2012	N001	QA	O	12.83			#	-	-
	C	T01-19	WL	10/17/2012	N001	QA	O	14.18			#	-	-
	C	T01-19	WL	04/23/2013	N001	QA	O	9.31			#	-	-
	C	T01-20	WL	10/15/2012	N001	QA	O	16.22			#	-	-
	C	T01-23	WL	10/17/2012	N001	QA	O	11.03			#	-	-
	C	T01-25	WL	10/15/2012	N001	QA	O	17.07			#	-	-
	C	T01-35	WL	10/15/2012	N001	QA	O	12.29			#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	T01-35	WL	04/22/2013	N001	QA	O	11.98			#	-	-
Total Dissolved Solids	mg/L	82-08	WL	10/16/2012	0001	QA	D	2500			#	40	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	2000			#	20	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	2000			#	20	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	1800			#	40	-
	mg/L	88-85	WL	10/15/2012	0002	QA	D	1800			#	40	-
	mg/L	88-85	WL	04/22/2013	0001	QA	D	1800			#	20	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	1800			#	40	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	1700			#	20	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	2300			#	20	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	1700			#	40	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	1800			#	20	-
Turbidity	NTU	0200	WL	10/16/2012	N001	QA	D	3.29			#	-	-
	NTU	0200	WL	04/23/2013	N001	QA	D	2.21			#	-	-
	NTU	0202	WL	10/16/2012	N001	QA	D	176			#	-	-
	NTU	82-08	WL	10/16/2012	N001	QA	D	1.54			#	-	-
	NTU	82-08	WL	04/23/2013	N001	QA	D	2.45			#	-	-
	NTU	88-85	WL	10/15/2012	N001	QA	D	2.22			#	-	-
	NTU	88-85	WL	04/22/2013	N001	QA	D	2.47			#	-	-
	NTU	92-07	WL	10/16/2012	N001	QA	D	2.85			#	-	-
	NTU	92-07	WL	04/22/2013	N001	QA	D	2.61			#	-	-
	NTU	92-08	WL	10/16/2012	N001	QA	D	3.21			#	-	-
	NTU	92-08	WL	04/23/2013	N001	QA	D	1.99			#	-	-
	NTU	92-09	WL	10/16/2012	N001	QA	D	4.31			#	-	-
	NTU	92-09	WL	04/23/2013	N001	QA	D	2.38			#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Turbidity	NTU	92-11	WL	10/16/2012	N001	QA	D	0.94			#	-	-
	NTU	92-11	WL	04/23/2013	N001	QA	D	2.34			#	-	-
	NTU	95-01	WL	10/17/2012	N001	QA	D	50.0			#	-	-
	NTU	95-03	WL	10/17/2012	N001	QA-KB	D	4.81			#	-	-
	NTU	MW00-01	WL	10/15/2012	N001	QA	U	1.35			#	-	-
	NTU	MW00-01	WL	04/24/2013	N001	QA	U	2.66			#	-	-
	NTU	MW00-06	WL	10/16/2012	N001	QA	D	2.70			#	-	-
	NTU	MW00-06	WL	04/23/2013	N001	QA	D	3.65			#	-	-
	NTU	MW00-07	WL	10/16/2012	N001	QA	D	1000	>		#	-	-
	NTU	P92-06	WL	10/16/2012	N001	QA	D	4.82			#	-	-
	NTU	P92-06	WL	04/23/2013	N001	QA	D	3.58			#	-	-
	NTU	PW-10	WL	10/16/2012	N001	QA	D	4.23			#	-	-
	NTU	PW-10	WL	04/24/2013	N001	QA	D	4.71			#	-	-
	NTU	PW-17	WL	10/16/2012	N001	QA	D	25			#	-	-
	NTU	PW-17	WL	04/24/2013	N001	QA	D	4.69			#	-	-
	NTU	PW-28	WL	10/15/2012	N001	QA	D	4.69			#	-	-
	NTU	PW-28	WL	04/23/2013	N001	QA	D	3.41			#	-	-
	NTU	R10-M1	WL	10/15/2012	N001	QA	D	47.6			#	-	-
	NTU	R10-M1	WL	04/22/2013	N001	QA	D	26.4			#	-	-
	NTU	R1-M3	WL	10/15/2012	N001	QA	D	81			#	-	-
	NTU	R1-M3	WL	04/22/2013	N001	QA	D	116			#	-	-
	NTU	R1-M4	WL	10/15/2012	N001	QA	D	14.2			#	-	-
	NTU	R1-M4	WL	04/22/2013	N001	QA	D	41.8			#	-	-
	NTU	R3-M2	WL	10/15/2012	N001	RM	D	18.5			#	-	-
	NTU	R3-M2	WL	04/22/2013	N001	RM	D	14.1			#	-	-
	NTU	R3-M3	WL	10/15/2012	N001	RM	D	22.2			#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Turbidity	NTU	R3-M3	WL	04/22/2013	N001	RM	D	7.68			#	-	-
	NTU	R4-M3	WL	10/16/2012	N001	RM	D	93.9			#	-	-
	NTU	R4-M3	WL	04/22/2013	N001	RM	D	15.5			#	-	-
	NTU	R4-M6	WL	10/15/2012	N001	RM	D	22.2			#	-	-
	NTU	R4-M6	WL	04/22/2013	N001	RM	D	14.7			#	-	-
	NTU	R6-M3	WL	10/16/2012	N001	QA	D	176			#	-	-
	NTU	R6-M3	WL	04/22/2013	N001	QA	D	72.1			#	-	-
	NTU	R6-M4	WL	10/16/2012	N001	QA	D	43.6			#	-	-
	NTU	R6-M4	WL	04/22/2013	N001	QA	D	84.8			#	-	-
	NTU	T00-01	WL	10/16/2012	N001	QA	O	0.94			#	-	-
	NTU	T00-04	WL	10/16/2012	N001	QA	O	2.36			#	-	-
	NTU	T01-01	WL	10/16/2012	N001	QA	O	27			#	-	-
	NTU	T01-01	WL	04/24/2013	N001	QA	O	2.14			#	-	-
	NTU	T01-02	WL	10/16/2012	N001	QA	O	3.54			#	-	-
	NTU	T01-02	WL	04/24/2013	N001	QA	O	3.46			#	-	-
	NTU	T01-04	WL	10/16/2012	N001	QA	O	3.69			#	-	-
	NTU	T01-04	WL	04/24/2013	N001	QA	O	4.67			#	-	-
	NTU	T01-05	WL	10/16/2012	N001	QA	O	2.26			#	-	-
	NTU	T01-05	WL	04/24/2013	N001	QA	O	0.75			#	-	-
	NTU	T01-07	WL	10/15/2012	N001	QA	O	2.41			#	-	-
	NTU	T01-07	WL	04/24/2013	N001	QA	O	2.18			#	-	-
	NTU	T01-12	WL	10/17/2012	N001	QA	O	1.63			#	-	-
	NTU	T01-12	WL	04/22/2013	N001	QA	O	0.94			#	-	-
	NTU	T01-13	WL	10/15/2012	N001	QA	O	9.39			#	-	-
	NTU	T01-18	WL	10/17/2012	N001	QA	O	13.7			#	-	-
	NTU	T01-19	WL	10/17/2012	N001	QA	O	54.8			#	-	-

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Turbidity	NTU	T01-19	WL	04/23/2013	N001	QA	O	21.11			#	-	-
	NTU	T01-20	WL	10/15/2012	N001	QA	O	21			#	-	-
	NTU	T01-23	WL	10/17/2012	N001	QA	O	1.43			#	-	-
	NTU	T01-25	WL	10/15/2012	N001	QA	O	12.5			#	-	-
	NTU	T01-35	WL	10/15/2012	N001	QA	O	0.93			#	-	-
	NTU	T01-35	WL	04/22/2013	N001	QA	O	1.64			#	-	-
Uranium	mg/L	0200	WL	10/16/2012	0001	QA	D	0.250			#	2.9E-05	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	0.360			#	2.9E-05	-
	mg/L	0200	WL	04/23/2013	0002	QA	D	0.370			#	2.9E-05	-
	mg/L	0202	WL	10/16/2012	0001	QA	D	0.260			#	1.5E-05	-
	mg/L	0202	WL	04/23/2013	0001	QA	D	0.210			#	1.5E-05	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	0.030			#	2.9E-06	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	0.023			#	2.9E-06	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	0.022			#	2.9E-05	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	0.220			#	2.9E-05	-
	mg/L	88-85	WL	10/15/2012	0002	QA	D	0.220			#	2.9E-05	-
	mg/L	88-85	WL	04/22/2013	0001	QA	D	0.210			#	2.9E-05	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	0.990			#	5.8E-05	-
	mg/L	92-07	WL	04/22/2013	0001	QA	D	0.900			#	5.8E-05	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	0.350			#	2.9E-05	-
	mg/L	92-08	WL	04/23/2013	0001	QA	D	0.300			#	2.9E-05	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	0.320			#	2.9E-05	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	0.310			#	2.9E-05	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	0.160			#	2.9E-05	-
	mg/L	92-11	WL	10/16/2012	0002	QA	D	0.160			#	2.9E-05	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	0.190			#	2.9E-05	-

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	95-01	WL	10/17/2012	0001	QA	D	0.00042			#	2.9E-06	-
	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	0.0078			#	2.9E-06	-
	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	0.0055			#	2.9E-06	-
	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	0.004			#	2.9E-06	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	1.100			#	2.9E-05	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	0.620			#	2.9E-05	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	0.630			#	2.9E-05	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	0.550			#	2.9E-05	-
	mg/L	P92-06	WL	04/23/2013	0001	QA	D	0.430			#	2.9E-05	-
	mg/L	PW-10	WL	10/16/2012	0001	QA	D	1.100			#	5.8E-05	-
	mg/L	PW-10	WL	04/24/2013	0001	QA	D	0.940			#	5.8E-05	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	1.100			#	5.8E-05	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	0.990			#	5.8E-05	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	0.190			#	1.5E-05	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	0.180			#	1.5E-05	-
	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	0.025			#	2.9E-06	-
	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	0.080			#	2.9E-06	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	0.670			#	2.9E-05	-
	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	0.610			#	2.9E-05	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	0.500			#	2.9E-05	-
	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	0.380			#	2.9E-05	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	0.540			#	2.9E-05	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	0.500			#	2.9E-05	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	0.340			#	2.9E-05	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	0.330			#	2.9E-05	-
	mg/L	R4-M3	WL	10/16/2012	0001	RM	D	0.00003		J	#	2.9E-06	-

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	R4-M3	WL	04/22/2013	0001	RM	D	0.00007			#	2.9E-06	-
	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	0.00019			#	2.9E-06	-
	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	0.00001			#	2.9E-06	-
	mg/L	R6-M3	WL	10/16/2012	0001	QA	D	0.110			#	2.9E-06	-
	mg/L	R6-M3	WL	04/22/2013	0001	QA	D	0.066			#	2.9E-06	-
	mg/L	R6-M4	WL	10/16/2012	0001	QA	D	0.0055			#	2.9E-06	-
	mg/L	R6-M4	WL	04/22/2013	0001	QA	D	0.015			#	2.9E-06	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	0.150			#	2.9E-05	-
	mg/L	T00-04	WL	10/16/2012	0001	QA	O	0.140			#	2.9E-05	-
	mg/L	T01-01	WL	10/16/2012	0001	QA	O	0.270			#	2.9E-05	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	0.150			#	2.9E-05	-
	mg/L	T01-02	WL	10/16/2012	0001	QA	O	0.180			#	2.9E-05	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	0.200			#	2.9E-05	-
	mg/L	T01-04	WL	10/16/2012	0001	QA	O	0.150			#	2.9E-05	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	0.160			#	2.9E-05	-
	mg/L	T01-05	WL	10/16/2012	0001	QA	O	0.140			#	2.9E-05	-
	mg/L	T01-05	WL	04/24/2013	0001	QA	O	0.150			#	2.9E-05	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	0.130			#	1.5E-05	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	0.140			#	1.5E-05	-
	mg/L	T01-07	WL	04/24/2013	0002	QA	O	0.140			#	2.9E-05	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	0.150			#	1.5E-05	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	0.160			#	1.5E-05	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	0.130			#	1.5E-05	-
	mg/L	T01-18	WL	10/17/2012	0001	QA	O	0.460			#	1.5E-05	-
	mg/L	T01-19	WL	10/17/2012	0001	QA	O	0.062			#	2.9E-06	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	0.057			#	2.9E-06	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	T01-20	WL	10/15/2012	0001	QA	O	0.310			#	2.9E-05	-
	mg/L	T01-23	WL	10/17/2012	0001	QA	O	0.028			#	2.9E-06	-
	mg/L	T01-25	WL	10/15/2012	0001	QA	O	0.035			#	2.9E-06	-
	mg/L	T01-35	WL	10/15/2012	0001	QA	O	0.110			#	1.5E-05	-
	mg/L	T01-35	WL	04/22/2013	0001	QA	O	0.110			#	1.5E-05	-
Vanadium	mg/L	0200	WL	10/16/2012	0001	QA	D	0.00028	B		#	1.5E-05	-
	mg/L	0200	WL	04/23/2013	0001	QA	D	0.00039			#	1.5E-05	-
	mg/L	0200	WL	04/23/2013	0002	QA	D	0.00023	B		#	1.5E-05	-
	mg/L	0202	WL	10/16/2012	0001	QA	D	0.043			#	7.6E-05	-
	mg/L	0202	WL	04/23/2013	0001	QA	D	0.025			#	7.6E-05	-
	mg/L	82-08	WL	10/16/2012	0001	QA	D	0.0063			#	1.5E-05	-
	mg/L	82-08	WL	04/23/2013	0001	QA	D	0.0054			#	1.5E-05	-
	mg/L	82-08	WL	04/23/2013	0002	QA	D	0.0057			#	1.5E-05	-
	mg/L	88-85	WL	10/15/2012	0001	QA	D	0.410			#	0.00015	-
	mg/L	88-85	WL	10/15/2012	0002	QA	D	0.420			#	0.00015	-
	mg/L	88-85	WL	04/22/2013	0001	QA	D	0.330			#	0.00015	-
	mg/L	92-07	WL	10/16/2012	0001	QA	D	0.360			#	0.0003	-
	mg/L	92-07	WL	04/22/2013	0001	QA	D	0.270			#	0.0003	-
	mg/L	92-08	WL	10/16/2012	0001	QA	D	0.0017			#	1.5E-05	-
	mg/L	92-08	WL	04/23/2013	0001	QA	D	0.0012			#	1.5E-05	-
	mg/L	92-09	WL	10/16/2012	0001	QA	D	0.00009	B		#	1.5E-05	-
	mg/L	92-09	WL	04/23/2013	0001	QA	D	0.0001	B		#	1.5E-05	-
	mg/L	92-11	WL	10/16/2012	0001	QA	D	0.420			#	0.00015	-
	mg/L	92-11	WL	10/16/2012	0002	QA	D	0.420			#	0.00015	-
	mg/L	92-11	WL	04/23/2013	0001	QA	D	0.380			#	0.00015	-
	mg/L	95-01	WL	10/17/2012	0001	QA	D	0.00008	B	U	#	1.5E-05	-

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Vanadium	mg/L	95-03	WL	10/17/2012	0001	QA-KB	D	0.00003	B		#	1.5E-05	-
	mg/L	MW00-01	WL	10/15/2012	0001	QA	U	0.00024	B		#	1.5E-05	-
	mg/L	MW00-01	WL	04/24/2013	0001	QA	U	0.00024	B		#	1.5E-05	-
	mg/L	MW00-06	WL	10/16/2012	0001	QA	D	0.150			#	0.00015	-
	mg/L	MW00-06	WL	04/23/2013	0001	QA	D	0.130			#	0.00015	-
	mg/L	MW00-07	WL	10/16/2012	0001	QA	D	0.025			#	0.00015	-
	mg/L	P92-06	WL	10/16/2012	0001	QA	D	0.00041			#	1.5E-05	-
	mg/L	P92-06	WL	04/23/2013	0001	QA	D	0.00033			#	1.5E-05	-
	mg/L	PW-10	WL	10/16/2012	0001	QA	D	0.280			#	0.0003	-
	mg/L	PW-10	WL	04/24/2013	0001	QA	D	0.230			#	0.0003	-
	mg/L	PW-17	WL	10/16/2012	0001	QA	D	0.300			#	0.0003	-
	mg/L	PW-17	WL	04/24/2013	0001	QA	D	0.210			#	0.0003	-
	mg/L	PW-28	WL	10/15/2012	0001	QA	D	0.210			#	7.6E-05	-
	mg/L	PW-28	WL	04/23/2013	0001	QA	D	0.190			#	7.6E-05	-
	mg/L	R10-M1	WL	10/15/2012	0001	QA	D	0.042			#	1.5E-05	-
	mg/L	R10-M1	WL	04/22/2013	0001	QA	D	0.033			#	1.5E-05	-
	mg/L	R1-M3	WL	10/15/2012	0001	QA	D	0.420			#	0.00015	-
	mg/L	R1-M3	WL	04/22/2013	0001	QA	D	0.320			#	0.00015	-
	mg/L	R1-M4	WL	10/15/2012	0001	QA	D	0.290			#	0.00015	-
	mg/L	R1-M4	WL	04/22/2013	0001	QA	D	0.210			#	0.00015	-
	mg/L	R3-M2	WL	10/15/2012	0001	RM	D	0.0017			#	1.5E-05	-
	mg/L	R3-M2	WL	04/22/2013	0001	RM	D	0.0014			#	1.5E-05	-
	mg/L	R3-M3	WL	10/15/2012	0001	RM	D	0.00014	B		#	1.5E-05	-
	mg/L	R3-M3	WL	04/22/2013	0001	RM	D	0.00016	B		#	1.5E-05	-
	mg/L	R4-M3	WL	10/16/2012	0001	RM	D	0.00013	B		#	1.5E-05	-
	mg/L	R4-M3	WL	04/22/2013	0001	RM	D	0.00022	B		#	1.5E-05	-

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Vanadium	mg/L	R4-M6	WL	10/15/2012	0001	RM	D	0.00005	B		#	1.5E-05	-
	mg/L	R4-M6	WL	04/22/2013	0001	RM	D	0.00004	B		#	1.5E-05	-
	mg/L	R6-M3	WL	10/16/2012	0001	QA	D	0.0062			#	1.5E-05	-
	mg/L	R6-M3	WL	04/22/2013	0001	QA	D	0.012			#	1.5E-05	-
	mg/L	R6-M4	WL	10/16/2012	0001	QA	D	0.0034			#	1.5E-05	-
	mg/L	R6-M4	WL	04/22/2013	0001	QA	D	0.0039			#	1.5E-05	-
	mg/L	T00-01	WL	10/16/2012	0001	QA	O	0.250			#	0.00015	-
	mg/L	T00-04	WL	10/16/2012	0001	QA	O	0.200			#	0.00015	-
	mg/L	T01-01	WL	10/16/2012	0001	QA	O	0.210			#	0.00015	-
	mg/L	T01-01	WL	04/24/2013	0001	QA	O	0.160			#	0.00015	-
	mg/L	T01-02	WL	10/16/2012	0001	QA	O	0.460			#	0.00015	-
	mg/L	T01-02	WL	04/24/2013	0001	QA	O	0.340			#	0.00015	-
	mg/L	T01-04	WL	10/16/2012	0001	QA	O	0.370			#	0.00015	-
	mg/L	T01-04	WL	04/24/2013	0001	QA	O	0.320			#	0.00015	-
	mg/L	T01-05	WL	10/16/2012	0001	QA	O	0.320			#	0.00015	-
	mg/L	T01-05	WL	04/24/2013	0001	QA	O	0.280			#	0.00015	-
	mg/L	T01-07	WL	10/15/2012	0001	QA	O	0.098			#	7.6E-05	-
	mg/L	T01-07	WL	04/24/2013	0001	QA	O	0.093			#	7.6E-05	-
	mg/L	T01-07	WL	04/24/2013	0002	QA	O	0.088			#	0.00015	-
	mg/L	T01-12	WL	10/17/2012	0001	QA	O	0.045			#	7.6E-05	-
	mg/L	T01-12	WL	04/22/2013	0001	QA	O	0.041			#	7.6E-05	-
	mg/L	T01-13	WL	10/15/2012	0001	QA	O	0.0029			#	1.5E-05	-
	mg/L	T01-18	WL	10/17/2012	0001	QA	O	0.00049			#	1.5E-05	-
	mg/L	T01-19	WL	10/17/2012	0001	QA	O	0.0011			#	1.5E-05	-
	mg/L	T01-19	WL	04/23/2013	0001	QA	O	0.00096			#	1.5E-05	-
	mg/L	T01-20	WL	10/15/2012	0001	QA	O	0.00034			#	1.5E-05	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Vanadium	mg/L	T01-23	WL	10/17/2012	0001	QA	O	0.00025	B		#	1.5E-05	-
	mg/L	T01-25	WL	10/15/2012	0001	QA	O	0.00025	B		#	1.5E-05	-
	mg/L	T01-35	WL	10/15/2012	0001	QA	O	0.180			#	7.6E-05	-
	mg/L	T01-35	WL	04/22/2013	0001	QA	O	0.180			#	7.6E-05	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 7:36 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY

RECORDS: SELECTED FROM USEE200 WHERE site_code='MNT01' AND (zone_of_completion in('QA','RM') OR zone_of_completion_2 in('QA','RM')) AND DATE_SAMPLED between #5/1/2012# and #4/30/2013#

SAMPLE ID CODES: 000X = Filtered sample. N00X = Unfiltered sample. X = replicate number.

LOCATION TYPES: WL WELL

ZONES OF COMPLETION: a zone of completion with a "-" is cross-screened and, therefore, has two zones of completion (1st zone - 2nd zone).

KB BURRO CANYON FORMATION QA QUATERNARY RM REACTIVE MEDIA - PERMEABLE REACTIVE BARRIEF

FLOW CODES: D DOWN GRADIENT O ON-SITE U UPGRADIENT

LAB QUALIFIERS:

- * Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- > Result above upper detection limit.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.
- C Pesticide result confirmed by GC-MS.
- D Analyte determined in diluted sample.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- J Estimated
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).
- P > 25% difference in detected pesticide or Aroclor concentrations between 2 columns.
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

DATA QUALIFIERS:

- F Low flow sampling method used.
- G Possible grout contamination, pH > 9.
- J Estimated value.
- L Less than 3 bore volumes purged prior to sampling.
- N Presumptive evidence that analyte is present. The analyte is "tentatively identified".
- Q Qualitative result due to sampling technique
- R Unusable result.
- U Parameter analyzed for but was not detected.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

Appendix B

Analytical Results for Bedrock Groundwater Samples, May 2012 Through April 2013

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CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 8:18 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	206			#	-	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	204			#	-	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	383			#	-	-
Arsenic	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	0.00006	B		#	1.5E-05	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	0.00005	B		#	1.5E-05	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	0.00025			#	1.5E-05	-
Calcium	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	53.000			#	0.012	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	140.000			#	0.012	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	28.000			#	0.012	-
Chloride	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	3.5			#	0.2	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	54			#	2	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	5.9			#	0.2	-
Fluoride	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	0.17			#	0.1	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	0.11			#	0.1	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	0.64			#	0.1	-
Iron	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	0.520			#	0.0049	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	0.930			#	0.0049	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	0.014	B	U	#	0.0049	-
Magnesium	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	11.000			#	0.013	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	24.000			#	0.013	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	7.400			#	0.013	-
Manganese	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	0.250			#	0.00011	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	0.610			#	0.00011	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	0.064			#	0.00011	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 8:18 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Molybdenum	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	0.00076			#	3.2E-05	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	0.0014			#	3.2E-05	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	0.00003	U		#	3.2E-05	-
Nitrate + Nitrite as Nitrogen	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	0.01	U		#	0.01	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	0.01	U		#	0.01	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	0.01	U		#	0.01	-
pH	s.u.	83-70	WL	10/16/2012	N001	KD-KB	D	7.35			#	-	-
	s.u.	92-10	WL	10/16/2012	N001	KB	D	7.03			#	-	-
	s.u.	93-01	WL	10/15/2012	N001	KB	O	7.49			#	-	-
Potassium	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	3.100		J	#	0.11	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	4.400			#	0.11	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	3.900			#	0.11	-
Selenium	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	0.00003	U		#	3.2E-05	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	0.00003	U		#	3.2E-05	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	0.00003	U		#	3.2E-05	-
Sodium	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	56.000			#	0.0066	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	68.000			#	0.0066	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	130.000			#	0.0066	-
Specific Conductance	umhos/cm	83-70	WL	10/16/2012	N001	KD-KB	D	585			#	-	-
	umhos/cm	92-10	WL	10/16/2012	N001	KB	D	1100			#	-	-
	umhos/cm	93-01	WL	10/15/2012	N001	KB	O	740			#	-	-
Sulfate	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	100			#	2.5	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	330			#	5	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	0.92			#	0.5	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 8:18 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	83-70	WL	10/16/2012	N001	KD-KB	D	12.1			#	-	-
	C	92-10	WL	10/16/2012	N001	KB	D	12.1			#	-	-
	C	93-01	WL	10/15/2012	N001	KB	O	12.99			#	-	-
Turbidity	NTU	83-70	WL	10/16/2012	N001	KD-KB	D	1.05			#	-	-
	NTU	92-10	WL	10/16/2012	N001	KB	D	39.6			#	-	-
	NTU	93-01	WL	10/15/2012	N001	KB	O	0.79			#	-	-
Uranium	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	0.00003		J	#	2.9E-06	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	0.00005		J	#	2.9E-06	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	0.00003		J	#	2.9E-06	-
Vanadium	mg/L	83-70	WL	10/16/2012	0001	KD-KB	D	0.00001	B	U	#	1.5E-05	-
	mg/L	92-10	WL	10/16/2012	0001	KB	D	0.00004	B	U	#	1.5E-05	-
	mg/L	93-01	WL	10/15/2012	0001	KB	O	0.00024	B		#	1.5E-05	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/23/2013 8:18 am

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	ZONE COMPL	FLOW REL.	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY

RECORDS: SELECTED FROM USEE200 WHERE site_code='MNT01' AND location_code in('83-70','92-10','93-01') AND (zone_of_completion in('KB','KD','KM','LB') OR zone_of_completion_2 in('KB','KD','KM','LB')) AND DATE_SAMPLED between #5/1/2012# and #4/30/2013#

SAMPLE ID CODES: 000X = Filtered sample. N00X = Unfiltered sample. X = replicate number.

LOCATION TYPES: WL WELL

ZONES OF COMPLETION: a zone of completion with a "-" is cross-screened and, therefore, has two zones of completion (1st zone - 2nd zone).

KB BURRO CANYON FORMATION KD DAKOTA SANDSTONE

FLOW CODES: D DOWN GRADIENT O ON-SITE

LAB QUALIFIERS:

- * Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- > Result above upper detection limit.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.
- C Pesticide result confirmed by GC-MS.
- D Analyte determined in diluted sample.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- J Estimated
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).
- P > 25% difference in detected pesticide or Aroclor concentrations between 2 columns.
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

DATA QUALIFIERS:

- F Low flow sampling method used.
- G Possible grout contamination, pH > 9.
- J Estimated value.
- L Less than 3 bore volumes purged prior to sampling.
- N Presumptive evidence that analyte is present. The analyte is "tentatively identified".
- Q Qualitative result due to sampling technique
- R Unusable result.
- U Parameter analyzed for but was not detected.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

Appendix C

Analytical Results for Surface Water Samples, May 2012 Through April 2013

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SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY	
Alkalinity, Total (As CaCO3)	mg/L	0301	06/20/2012	N001	321				#	-	-
	mg/L	0301	07/18/2012	N001	369				#	-	-
	mg/L	0301	08/17/2012	N001	285				#	-	-
	mg/L	0301	09/11/2012	N001	279				#	-	-
	mg/L	0301	10/16/2012	N001	189				#	-	-
	mg/L	0301	11/19/2012	N001	265				#	-	-
	mg/L	0301	01/23/2013	N001	286				#	-	-
	mg/L	0301	02/21/2013	N001	260				#	-	-
	mg/L	0301	03/12/2013	N001	260				#	-	-
	mg/L	0301	04/23/2013	N001	314				#	-	-
	mg/L	0302	06/20/2012	N001	326				#	-	-
	mg/L	0302	07/18/2012	N001	402				#	-	-
	mg/L	0302	08/17/2012	N001	292				#	-	-
	mg/L	0302	09/11/2012	N001	277				#	-	-
	mg/L	0302	10/16/2012	N001	287				#	-	-
	mg/L	0302	11/19/2012	N001	260				#	-	-
	mg/L	0302	12/17/2012	N001	312				#	-	-
	mg/L	0302	01/23/2013	N001	282				#	-	-
	mg/L	0302	02/21/2013	N001	308				#	-	-
	mg/L	0302	03/12/2013	N001	262				#	-	-
	mg/L	0302	04/23/2013	N001	306				#	-	-
	mg/L	Seep 1	10/17/2012	0001	360				#	-	-
	mg/L	Seep 2	10/17/2012	0001	348				#	-	-
	mg/L	Seep 2	04/23/2013	N001	320				#	-	-
	mg/L	Seep 3	10/17/2012	0001	380				#	-	-
	mg/L	Seep 3	04/23/2013	0001	370				#	-	-
	mg/L	Seep 5	10/16/2012	N001	275				#	-	-
	mg/L	Seep 5	04/23/2013	0001	280				#	-	-
	mg/L	Seep 6	10/16/2012	0001	384				#	-	-
	mg/L	Seep 6	04/23/2013	0001	200				#	-	-
	mg/L	Sorenson	10/17/2012	0001	302				#	-	-
	mg/L	Sorenson	04/23/2013	N001	308				#	-	-
	mg/L	SW00-02	10/16/2012	0001	289				#	-	-
	mg/L	SW00-04	10/16/2012	N001	298				#	-	-
	mg/L	SW00-04	04/23/2013	0001	302				#	-	-
	mg/L	SW01-01	10/16/2012	0001	280				#	-	-
	mg/L	SW01-01	04/23/2013	0001	326				#	-	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	SAMPLE: ID	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	SW01-02	04/24/2013	0001	310			#	-	-
	mg/L	SW01-03	10/17/2012	0001	299			#	-	-
	mg/L	SW01-03	04/23/2013	0001	248			#	-	-
	mg/L	SW92-08	10/16/2012	0001	296			#	-	-
	mg/L	SW92-08	04/23/2013	0001	266			#	-	-
	mg/L	SW92-09	10/16/2012	0001	270			#	-	-
	mg/L	SW92-09	04/23/2013	0001	320			#	-	-
	mg/L	SW94-01	10/16/2012	0001	274			#	-	-
	mg/L	SW94-01	04/23/2013	0001	260			#	-	-
	mg/L	W3-03	10/17/2012	N001	293			#	-	-
	mg/L	W3-03	04/23/2013	0001	324			#	-	-
	mg/L	W3-04	10/17/2012	0001	288			#	-	-
	mg/L	W3-04	04/24/2013	0001	315			#	-	-
Arsenic	mg/L	Seep 1	10/17/2012	0001	0.0012			#	1.5E-05	-
	mg/L	Seep 2	10/17/2012	0001	0.023			#	0.00015	-
	mg/L	Seep 2	04/23/2013	0001	0.020			#	0.00015	-
	mg/L	Seep 3	10/17/2012	0001	0.0002			#	1.5E-05	-
	mg/L	Seep 3	04/23/2013	0001	0.0002			#	1.5E-05	-
	mg/L	Seep 5	10/16/2012	0001	0.0009			#	1.5E-05	-
	mg/L	Seep 5	04/23/2013	0001	0.0011			#	1.5E-05	-
	mg/L	Seep 6	10/16/2012	0001	0.0008			#	7.4E-05	-
	mg/L	Seep 6	04/23/2013	0001	0.0006			#	7.4E-05	-
	mg/L	Sorenson	10/17/2012	0001	0.0011			#	1.5E-05	-
	mg/L	Sorenson	04/23/2013	0001	0.0012			#	1.5E-05	-
	mg/L	SW00-02	10/16/2012	0001	0.0006			#	1.5E-05	-
	mg/L	SW00-04	10/16/2012	0001	0.0012			#	1.5E-05	-
	mg/L	SW00-04	04/23/2013	0001	0.0013			#	1.5E-05	-
	mg/L	SW01-01	10/16/2012	0001	0.0002			#	1.5E-05	-
	mg/L	SW01-01	10/16/2012	0002	0.0002			#	1.5E-05	-
	mg/L	SW01-01	04/23/2013	0001	0.0002			#	1.5E-05	-
	mg/L	SW01-02	04/24/2013	0001	0.0008			#	1.5E-05	-
	mg/L	SW01-03	10/17/2012	0001	0.0004			#	1.5E-05	-
	mg/L	SW01-03	04/23/2013	0001	0.0003			#	1.5E-05	-
	mg/L	SW92-08	10/16/2012	0001	0.0014			#	1.5E-05	-
	mg/L	SW92-08	04/23/2013	0001	0.0014			#	7.4E-05	-
	mg/L	SW92-09	10/16/2012	0001	0.0015			#	1.5E-05	-
	mg/L	SW92-09	04/23/2013	0001	0.0017			#	7.4E-05	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Arsenic	mg/L	SW94-01	10/16/2012	0001	0.0018			#	7.4E-05	-
	mg/L	SW94-01	04/23/2013	0001	0.0016			#	7.4E-05	-
	mg/L	W3-03	10/17/2012	0001	0.0038			#	7.4E-05	-
	mg/L	W3-03	04/23/2013	0001	0.003			#	7.4E-05	-
	mg/L	W3-04	10/17/2012	0001	0.0025			#	1.5E-05	-
	mg/L	W3-04	04/24/2013	0001	0.003			#	1.5E-05	-
Calcium	mg/L	Seep 1	10/17/2012	0001	200.000			#	0.012	-
	mg/L	Seep 2	10/17/2012	0001	330.000			#	0.012	-
	mg/L	Seep 2	04/23/2013	0001	380.000			#	0.012	-
	mg/L	Seep 3	10/17/2012	0001	470.000			#	0.06	-
	mg/L	Seep 3	04/23/2013	0001	490.000			#	0.012	-
	mg/L	Seep 5	10/16/2012	0001	94.000			#	0.012	-
	mg/L	Seep 5	04/23/2013	0001	79.000			#	0.012	-
	mg/L	Seep 6	10/16/2012	0001	470.000			#	0.06	-
	mg/L	Seep 6	04/23/2013	0001	430.000			#	0.012	-
	mg/L	Sorenson	10/17/2012	0001	290.000			#	0.012	-
	mg/L	Sorenson	04/23/2013	0001	290.000			#	0.012	-
	mg/L	SW00-02	10/16/2012	0001	320.000			#	0.012	-
	mg/L	SW00-04	10/16/2012	0001	240.000			#	0.012	-
	mg/L	SW00-04	04/23/2013	0001	220.000			#	0.012	-
	mg/L	SW01-01	10/16/2012	0001	310.000			#	0.012	-
	mg/L	SW01-01	10/16/2012	0002	300.000			#	0.012	-
	mg/L	SW01-01	04/23/2013	0001	330.000			#	0.012	-
	mg/L	SW01-02	04/24/2013	0001	370.000			#	0.012	-
	mg/L	SW01-03	10/17/2012	0001	320.000			#	0.012	-
	mg/L	SW01-03	04/23/2013	0001	340.000			#	0.012	-
	mg/L	SW92-08	10/16/2012	0001	210.000			#	0.012	-
	mg/L	SW92-08	04/23/2013	0001	190.000			#	0.012	-
	mg/L	SW92-09	10/16/2012	0001	240.000			#	0.012	-
	mg/L	SW92-09	04/23/2013	0001	210.000			#	0.012	-
	mg/L	SW94-01	10/16/2012	0001	270.000			#	0.012	-
	mg/L	SW94-01	04/23/2013	0001	200.000			#	0.012	-
	mg/L	W3-03	10/17/2012	0001	620.000			#	0.024	-
	mg/L	W3-03	04/23/2013	0001	470.000			#	0.06	-
	mg/L	W3-04	10/17/2012	0001	550.000			#	0.024	-
	mg/L	W3-04	04/24/2013	0001	480.000			#	0.012	-
Chloride	mg/L	Seep 1	10/17/2012	0001	69			#	4	-
	mg/L	Seep 2	10/17/2012	0001	65			#	4	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT		UN-CERTAINTY
Chloride	mg/L	Seep 2	04/23/2013	0001	82				#	10	-
	mg/L	Seep 3	10/17/2012	0001	290				#	10	-
	mg/L	Seep 3	04/23/2013	0001	280				#	10	-
	mg/L	Seep 5	10/16/2012	0001	180				#	2	-
	mg/L	Seep 5	04/23/2013	0001	130				#	10	-
	mg/L	Seep 6	10/16/2012	0001	470				#	10	-
	mg/L	Seep 6	04/23/2013	0001	310				#	10	-
	mg/L	Sorenson	10/17/2012	0001	110				#	4	-
	mg/L	Sorenson	04/23/2013	0001	100				#	10	-
	mg/L	SW00-02	10/16/2012	0001	24				#	0.4	-
	mg/L	SW00-04	10/16/2012	0001	98				#	4	-
	mg/L	SW00-04	04/23/2013	0001	85				#	10	-
	mg/L	SW01-01	10/16/2012	0001	36				#	0.4	-
	mg/L	SW01-01	10/16/2012	0002	36				#	0.4	-
	mg/L	SW01-01	04/23/2013	0001	100				#	10	-
	mg/L	SW01-02	04/24/2013	0001	19				#	10	-
	mg/L	SW01-03	10/17/2012	0001	22				#	0.4	-
	mg/L	SW01-03	04/23/2013	0001	51				#	10	-
	mg/L	SW92-08	10/16/2012	0001	88				#	4	-
	mg/L	SW92-08	04/23/2013	0001	79				#	10	-
	mg/L	SW92-09	10/16/2012	0001	110				#	4	-
	mg/L	SW92-09	04/23/2013	0001	97				#	10	-
	mg/L	SW94-01	10/16/2012	0001	140				#	4	-
	mg/L	SW94-01	04/23/2013	0001	97				#	2	-
	mg/L	W3-03	10/17/2012	0001	140				#	10	-
	mg/L	W3-03	04/23/2013	0001	130		J		#	2	-
	mg/L	W3-04	10/17/2012	0001	83				#	10	-
	mg/L	W3-04	04/24/2013	0001	190	N	J		#	2	-
Dissolved Oxygen	mg/L	0301	06/20/2012	N001	5.16				#	-	-
	mg/L	0301	07/18/2012	N001	6.53				#	-	-
	mg/L	0301	08/17/2012	N001	7.17				#	-	-
	mg/L	0301	09/11/2012	N001	6.84				#	-	-
	mg/L	0301	10/16/2012	N001	8.72				#	-	-
	mg/L	0301	11/19/2012	N001	9.90				#	-	-
	mg/L	0301	01/23/2013	N001	9.85				#	-	-
	mg/L	0301	03/12/2013	N001	10.43				#	-	-
	mg/L	0301	04/23/2013	N001	6.85				#	-	-
	mg/L	0302	06/20/2012	N001	7.66				#	-	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	SAMPLE: ID	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	0302	07/18/2012	N001	8.05				#	-	-
	mg/L	0302	08/17/2012	N001	7.60				#	-	-
	mg/L	0302	09/11/2012	N001	7.40				#	-	-
	mg/L	0302	10/16/2012	N001	9.20				#	-	-
	mg/L	0302	11/19/2012	N001	10.56				#	-	-
	mg/L	0302	12/17/2012	N001	10.76				#	-	-
	mg/L	0302	01/23/2013	N001	10.30				#	-	-
	mg/L	0302	03/12/2013	N001	10.65				#	-	-
	mg/L	0302	04/23/2013	N001	7.50				#	-	-
	mg/L	SW01-01	04/23/2013	N001	3.17				#	-	-
Fluoride	mg/L	Seep 1	10/17/2012	0001	1.1				#	0.2	-
	mg/L	Seep 2	10/17/2012	0001	0.45				#	0.2	-
	mg/L	Seep 2	04/23/2013	0001	1.1		J		#	1	-
	mg/L	Seep 3	10/17/2012	0001	0.54				#	0.5	-
	mg/L	Seep 3	04/23/2013	0001	1.2		J		#	1	-
	mg/L	Seep 5	10/16/2012	0001	0.29				#	0.1	-
	mg/L	Seep 5	04/23/2013	0001	0.66		J		#	0.5	-
	mg/L	Seep 6	10/16/2012	0001	0.5	U			#	0.5	-
	mg/L	Seep 6	04/23/2013	0001	1.2		J		#	1	-
	mg/L	Sorenson	10/17/2012	0001	0.24				#	0.2	-
	mg/L	Sorenson	04/23/2013	0001	1	U	J		#	1	-
	mg/L	SW00-02	10/16/2012	0001	0.22				#	0.2	-
	mg/L	SW00-04	10/16/2012	0001	0.27				#	0.2	-
	mg/L	SW00-04	04/23/2013	0001	0.58		J		#	0.5	-
	mg/L	SW01-01	10/16/2012	0001	0.26				#	0.2	-
	mg/L	SW01-01	10/16/2012	0002	0.25				#	0.2	-
	mg/L	SW01-01	04/23/2013	0001	1.1		J		#	1	-
	mg/L	SW01-02	04/24/2013	0001	1	U	J		#	1	-
	mg/L	SW01-03	10/17/2012	0001	0.2	U			#	0.2	-
	mg/L	SW01-03	04/23/2013	0001	1	U	J		#	1	-
	mg/L	SW92-08	10/16/2012	0001	0.28				#	0.2	-
	mg/L	SW92-08	04/23/2013	0001	0.57		J		#	0.5	-
	mg/L	SW92-09	10/16/2012	0001	0.26				#	0.2	-
	mg/L	SW92-09	04/23/2013	0001	0.58		J		#	0.5	-
	mg/L	SW94-01	10/16/2012	0001	0.24				#	0.2	-
	mg/L	SW94-01	04/23/2013	0001	1	U	J		#	1	-
	mg/L	W3-03	10/17/2012	0001	0.28				#	0.2	-
	mg/L	W3-03	04/23/2013	0001	1		J		#	1	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	SAMPLE: ID	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Fluoride	mg/L	W3-04	10/17/2012	0001	0.27			#	0.2	-
	mg/L	W3-04	04/24/2013	0001	1	U	J	#	1	-
Iron	mg/L	0301	05/23/2012	N001	2.300			#	0.0049	-
	mg/L	0301	05/23/2012	N003	2.3				0.01	-
	mg/L	0301	06/20/2012	N001	4.500			#	0.0049	-
	mg/L	0301	06/20/2012	N003	4.8				0.01	-
	mg/L	0301	07/18/2012	N001	3.900			#	0.0049	-
	mg/L	0301	07/18/2012	N003	4.0				0.01	-
	mg/L	0301	08/17/2012	N001	3.100			#	0.0049	-
	mg/L	0301	08/17/2012	N003	3.2				0.01	-
	mg/L	0301	09/11/2012	N001	3.400	N	J	#	0.0049	-
	mg/L	0301	09/11/2012	N003	2.4				0.01	-
	mg/L	0301	10/16/2012	N001	1.800			#	0.0049	-
	mg/L	0301	10/16/2012	N003	1.9				0.01	-
	mg/L	0301	11/19/2012	N001	5.600			#	0.0049	-
	mg/L	0301	11/19/2012	N003	5.8				0.01	-
	mg/L	0301	01/23/2013	N001	2.300			#	0.0049	-
	mg/L	0301	01/23/2013	N003	2.6				0.01	-
	mg/L	0301	02/21/2013	N001	1.600			#	0.0049	-
	mg/L	0301	02/21/2013	N003	1.8				0.01	-
	mg/L	0301	03/12/2013	N001	1.700			#	0.0049	-
	mg/L	0301	03/12/2013	N003	1.9				0.01	-
	mg/L	0301	04/23/2013	N001	19.000			#	0.0049	-
	mg/L	0301	04/23/2013	N003	15.7				0.01	-
	mg/L	0302	05/23/2012	N001	1.400			#	0.0049	-
	mg/L	0302	05/23/2012	N003	1.5				0.01	-
	mg/L	0302	06/20/2012	N001	0.630			#	0.0049	-
	mg/L	0302	06/20/2012	N002	0.570			#	0.0049	-
	mg/L	0302	06/20/2012	N003	0.66				0.01	-
	mg/L	0302	06/20/2012	N004	0.62				0.01	-
	mg/L	0302	07/18/2012	N001	1.600		J	#	0.0049	-
	mg/L	0302	07/18/2012	N002	0.940			#	0.0049	-
	mg/L	0302	07/18/2012	N003	1.5				0.01	-
	mg/L	0302	07/18/2012	N004	0.9				0.01	-
	mg/L	0302	08/17/2012	N001	1.400			#	0.0049	-
	mg/L	0302	08/17/2012	N003	1.5				0.01	-
	mg/L	0302	09/11/2012	N001	1.300			#	0.0049	-
	mg/L	0302	09/11/2012	N002	1.300			#	0.0049	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	SAMPLE: ID	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Iron	mg/L	0302	09/11/2012	N003	1.3				0.01	-
	mg/L	0302	09/11/2012	N004	1.2				0.01	-
	mg/L	0302	10/16/2012	N001	0.890			#	0.0049	-
	mg/L	0302	10/16/2012	N003	0.92				0.01	-
	mg/L	0302	11/19/2012	N001	1.100			#	0.0049	-
	mg/L	0302	11/19/2012	N003	1.2				0.01	-
	mg/L	0302	12/17/2012	N001	1.500			#	0.0049	-
	mg/L	0302	12/17/2012	N004	1.6				0.01	-
	mg/L	0302	01/23/2013	N001	1.200			#	0.0049	-
	mg/L	0302	01/23/2013	N003	1.4				0.01	-
	mg/L	0302	02/21/2013	N001	1.100			#	0.0049	-
	mg/L	0302	02/21/2013	N003	0.86				0.01	-
	mg/L	0302	03/12/2013	N001	0.800			#	0.0049	-
	mg/L	0302	03/12/2013	N002	0.790			#	0.0049	-
	mg/L	0302	03/12/2013	N003	0.85				0.01	-
	mg/L	0302	03/12/2013	N004	0.84				0.01	-
	mg/L	0302	04/23/2013	N001	1.700			#	0.0049	-
	mg/L	0302	04/23/2013	N003	1.6				0.01	-
	mg/L	Seep 1	10/17/2012	0001	0.700			#	0.0049	-
	mg/L	Seep 2	10/17/2012	0001	0.0049	U		#	0.0049	-
	mg/L	Seep 2	04/23/2013	0001	0.0049	U		#	0.0049	-
	mg/L	Seep 3	10/17/2012	0001	0.025	U		#	0.025	-
	mg/L	Seep 3	04/23/2013	0001	0.0049	U		#	0.0049	-
	mg/L	Seep 5	10/16/2012	0001	0.0049	U		#	0.0049	-
	mg/L	Seep 5	04/23/2013	0001	0.0095	B		#	0.0049	-
	mg/L	Seep 6	10/16/2012	0001	0.025	U		#	0.025	-
	mg/L	Seep 6	04/23/2013	0001	0.0049	U		#	0.0049	-
	mg/L	Sorenson	10/17/2012	0001	0.0049	U		#	0.0049	-
	mg/L	Sorenson	04/23/2013	0001	0.0073	B		#	0.0049	-
	mg/L	SW00-02	10/16/2012	0001	0.0049	U		#	0.0049	-
	mg/L	SW00-04	10/16/2012	0001	0.0049	U		#	0.0049	-
	mg/L	SW00-04	04/23/2013	0001	0.011	B		#	0.0049	-
	mg/L	SW01-01	10/16/2012	0001	0.0049	U		#	0.0049	-
	mg/L	SW01-01	10/16/2012	0002	0.0049	U		#	0.0049	-
	mg/L	SW01-01	04/23/2013	0001	0.0049	U		#	0.0049	-
	mg/L	SW01-02	04/24/2013	0001	0.220			#	0.0049	-
	mg/L	SW01-03	10/17/2012	0001	0.092	B		#	0.0049	-
	mg/L	SW01-03	04/23/2013	0001	0.011	B		#	0.0049	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Iron	mg/L	SW92-08	10/16/2012	0001	0.0049	U		#	0.0049	-
	mg/L	SW92-08	04/23/2013	0001	0.0049	U		#	0.0049	-
	mg/L	SW92-09	10/16/2012	0001	0.0049	U		#	0.0049	-
	mg/L	SW92-09	04/23/2013	0001	0.0049	U		#	0.0049	-
	mg/L	SW94-01	10/16/2012	0001	0.0049	U		#	0.0049	-
	mg/L	SW94-01	04/23/2013	0001	0.0049	U		#	0.0049	-
	mg/L	W3-03	10/17/2012	0001	0.480			#	0.0099	-
	mg/L	W3-03	04/23/2013	0001	0.360			#	0.0049	-
	mg/L	W3-04	10/17/2012	0001	0.130	B		#	0.0099	-
	mg/L	W3-04	04/24/2013	0001	0.200			#	0.0049	-
Magnesium	mg/L	Seep 1	10/17/2012	0001	41.000			#	0.013	-
	mg/L	Seep 2	10/17/2012	0001	60.000			#	0.013	-
	mg/L	Seep 2	04/23/2013	0001	71.000			#	0.013	-
	mg/L	Seep 3	10/17/2012	0001	130.000			#	0.065	-
	mg/L	Seep 3	04/23/2013	0001	130.000			#	0.013	-
	mg/L	Seep 5	10/16/2012	0001	44.000			#	0.013	-
	mg/L	Seep 5	04/23/2013	0001	35.000			#	0.013	-
	mg/L	Seep 6	10/16/2012	0001	190.000			#	0.065	-
	mg/L	Seep 6	04/23/2013	0001	140.000			#	0.013	-
	mg/L	Sorenson	10/17/2012	0001	72.000			#	0.013	-
	mg/L	Sorenson	04/23/2013	0001	73.000			#	0.013	-
	mg/L	SW00-02	10/16/2012	0001	57.000			#	0.013	-
	mg/L	SW00-04	10/16/2012	0001	62.000			#	0.013	-
	mg/L	SW00-04	04/23/2013	0001	60.000			#	0.013	-
	mg/L	SW01-01	10/16/2012	0001	60.000			#	0.013	-
	mg/L	SW01-01	10/16/2012	0002	58.000			#	0.013	-
	mg/L	SW01-01	04/23/2013	0001	70.000			#	0.013	-
	mg/L	SW01-02	04/24/2013	0001	65.000			#	0.013	-
	mg/L	SW01-03	10/17/2012	0001	54.000			#	0.013	-
	mg/L	SW01-03	04/23/2013	0001	59.000			#	0.013	-
	mg/L	SW92-08	10/16/2012	0001	53.000			#	0.013	-
	mg/L	SW92-08	04/23/2013	0001	50.000			#	0.013	-
	mg/L	SW92-09	10/16/2012	0001	54.000			#	0.013	-
	mg/L	SW92-09	04/23/2013	0001	50.000			#	0.013	-
	mg/L	SW94-01	10/16/2012	0001	58.000			#	0.013	-
	mg/L	SW94-01	04/23/2013	0001	50.000			#	0.013	-
	mg/L	W3-03	10/17/2012	0001	170.000			#	0.026	-
	mg/L	W3-03	04/23/2013	0001	120.000			#	0.013	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA		DETECTION LIMIT	UN-CERTAINTY
Magnesium	mg/L	W3-04	10/17/2012	0001	110.000				#	0.026	-
	mg/L	W3-04	04/24/2013	0001	150.000				#	0.013	-
Manganese	mg/L	Seep 1	10/17/2012	0001	0.290				#	0.00011	-
	mg/L	Seep 2	10/17/2012	0001	0.021				#	0.00011	-
	mg/L	Seep 2	04/23/2013	0001	0.0043	B			#	0.00011	-
	mg/L	Seep 3	10/17/2012	0001	0.044				#	0.00057	-
	mg/L	Seep 3	04/23/2013	0001	0.003	B			#	0.00011	-
	mg/L	Seep 5	10/16/2012	0001	0.0035	B			#	0.00011	-
	mg/L	Seep 5	04/23/2013	0001	0.012				#	0.00011	-
	mg/L	Seep 6	10/16/2012	0001	0.420				#	0.00057	-
	mg/L	Seep 6	04/23/2013	0001	0.015				#	0.00011	-
	mg/L	Sorenson	10/17/2012	0001	0.098				#	0.00011	-
	mg/L	Sorenson	04/23/2013	0001	0.230				#	0.00011	-
	mg/L	SW00-02	10/16/2012	0001	0.060				#	0.00011	-
	mg/L	SW00-04	10/16/2012	0001	0.570				#	0.00011	-
	mg/L	SW00-04	04/23/2013	0001	0.400				#	0.00011	-
	mg/L	SW01-01	10/16/2012	0001	0.010				#	0.00011	-
	mg/L	SW01-01	10/16/2012	0002	0.011				#	0.00011	-
	mg/L	SW01-01	04/23/2013	0001	0.097				#	0.00011	-
	mg/L	SW01-02	04/24/2013	0001	0.072				#	0.00011	-
	mg/L	SW01-03	10/17/2012	0001	0.170				#	0.00011	-
	mg/L	SW01-03	04/23/2013	0001	0.100				#	0.00011	-
	mg/L	SW92-08	10/16/2012	0001	0.044				#	0.00011	-
	mg/L	SW92-08	04/23/2013	0001	0.130				#	0.00011	-
	mg/L	SW92-09	10/16/2012	0001	0.190				#	0.00011	-
	mg/L	SW92-09	04/23/2013	0001	0.085				#	0.00011	-
	mg/L	SW94-01	10/16/2012	0001	0.054				#	0.00011	-
	mg/L	SW94-01	04/23/2013	0001	0.046				#	0.00011	-
	mg/L	W3-03	10/17/2012	0001	2.600				#	0.00023	-
	mg/L	W3-03	04/23/2013	0001	0.280				#	0.00011	-
	mg/L	W3-04	10/17/2012	0001	1.200				#	0.00023	-
	mg/L	W3-04	04/24/2013	0001	1.400				#	0.00011	-
Molybdenum	mg/L	Seep 1	10/17/2012	0001	0.0068				#	0.00016	-
	mg/L	Seep 2	10/17/2012	0001	0.022				#	0.00032	-
	mg/L	Seep 2	04/23/2013	0001	0.024				#	0.00032	-
	mg/L	Seep 3	10/17/2012	0001	0.0015				#	3.2E-05	-
	mg/L	Seep 3	04/23/2013	0001	0.0015				#	3.2E-05	-
	mg/L	Seep 5	10/16/2012	0001	0.0014				#	3.2E-05	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Molybdenum	mg/L	Seep 5	04/23/2013	0001	0.0052			#	3.2E-05	-
	mg/L	Seep 6	10/16/2012	0001	0.0092			#	0.00016	-
	mg/L	Seep 6	04/23/2013	0001	0.013			#	0.00016	-
	mg/L	Sorenson	10/17/2012	0001	0.020			#	0.00016	-
	mg/L	Sorenson	04/23/2013	0001	0.021			#	0.00016	-
	mg/L	SW00-02	10/16/2012	0001	0.0011			#	3.2E-05	-
	mg/L	SW00-04	10/16/2012	0001	0.016			#	0.00016	-
	mg/L	SW00-04	04/23/2013	0001	0.013			#	0.00016	-
	mg/L	SW01-01	10/16/2012	0001	0.0053			#	3.2E-05	-
	mg/L	SW01-01	10/16/2012	0002	0.0053			#	3.2E-05	-
	mg/L	SW01-01	04/23/2013	0001	0.015			#	3.2E-05	-
	mg/L	SW01-02	04/24/2013	0001	0.002			#	3.2E-05	-
	mg/L	SW01-03	10/17/2012	0001	0.0005			#	3.2E-05	-
	mg/L	SW01-03	04/23/2013	0001	0.002			#	3.2E-05	-
	mg/L	SW92-08	10/16/2012	0001	0.012			#	0.00016	-
	mg/L	SW92-08	04/23/2013	0001	0.0089			#	0.00016	-
	mg/L	SW92-09	10/16/2012	0001	0.017			#	0.00016	-
	mg/L	SW92-09	04/23/2013	0001	0.012			#	0.00016	-
	mg/L	SW94-01	10/16/2012	0001	0.019			#	0.00016	-
	mg/L	SW94-01	04/23/2013	0001	0.013			#	0.00016	-
	mg/L	W3-03	10/17/2012	0001	0.041			#	0.00016	-
	mg/L	W3-03	04/23/2013	0001	0.012			#	0.00016	-
	mg/L	W3-04	10/17/2012	0001	0.024			#	3.2E-05	-
	mg/L	W3-04	04/24/2013	0001	0.015			#	0.00032	-
Nitrate + Nitrite as Nitrogen	mg/L	Seep 1	10/17/2012	0001	0.01	U		#	0.01	-
	mg/L	Seep 2	10/17/2012	0001	0.03			#	0.01	-
	mg/L	Seep 2	04/23/2013	0001	0.047			#	0.01	-
	mg/L	Seep 3	10/17/2012	0001	34			#	0.2	-
	mg/L	Seep 3	04/23/2013	0001	46			#	0.5	-
	mg/L	Seep 5	10/16/2012	0001	1.8			#	0.01	-
	mg/L	Seep 5	04/23/2013	0001	0.28			#	0.01	-
	mg/L	Seep 6	10/16/2012	0001	6			#	0.05	-
	mg/L	Seep 6	04/23/2013	0001	5			#	0.05	-
	mg/L	Sorenson	10/17/2012	0001	0.16			#	0.01	-
	mg/L	Sorenson	04/23/2013	0001	0.13			#	0.01	-
	mg/L	SW00-02	10/16/2012	0001	0.01	U		#	0.01	-
	mg/L	SW00-04	10/16/2012	0001	0.01	U		#	0.01	-
	mg/L	SW00-04	04/23/2013	0001	0.01	U		#	0.01	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Nitrate + Nitrite as Nitrogen	mg/L	SW01-01	10/16/2012	0001	0.058				# 0.01	-
	mg/L	SW01-01	10/16/2012	0002	0.056				# 0.01	-
	mg/L	SW01-01	04/23/2013	0001	0.046				# 0.01	-
	mg/L	SW01-02	04/24/2013	0001	0.079				# 0.01	-
	mg/L	SW01-03	10/17/2012	0001	0.01	U			# 0.01	-
	mg/L	SW01-03	04/23/2013	0001	0.01	U			# 0.01	-
	mg/L	SW92-08	10/16/2012	0001	0.01	U			# 0.01	-
	mg/L	SW92-08	04/23/2013	0001	0.01	U			# 0.01	-
	mg/L	SW92-09	10/16/2012	0001	0.01	U			# 0.01	-
	mg/L	SW92-09	04/23/2013	0001	0.01	U			# 0.01	-
	mg/L	SW94-01	10/16/2012	0001	0.01	U			# 0.01	-
	mg/L	SW94-01	04/23/2013	0001	0.01	U			# 0.01	-
	mg/L	W3-03	10/17/2012	0001	0.01	U			# 0.01	-
	mg/L	W3-03	04/23/2013	0001	0.01	U			# 0.01	-
	mg/L	W3-04	10/17/2012	0001	0.01	U			# 0.01	-
	mg/L	W3-04	04/24/2013	0001	0.01	U			# 0.01	-
Oxidation Reduction Potential	mV	0301	05/23/2012	N001	54.3				# -	-
	mV	0301	06/20/2012	N001	5.2				# -	-
	mV	0301	07/18/2012	N001	47				# -	-
	mV	0301	08/17/2012	N001	65				# -	-
	mV	0301	09/11/2012	N001	127				# -	-
	mV	0301	10/16/2012	N001	129.5				# -	-
	mV	0301	11/19/2012	N001	121				# -	-
	mV	0301	01/23/2013	N001	70.7				# -	-
	mV	0301	02/21/2013	N001	136.7				# -	-
	mV	0301	03/12/2013	N001	93				# -	-
	mV	0301	04/23/2013	N001	31.5				# -	-
	mV	0302	05/23/2012	N001	57.7				# -	-
	mV	0302	06/20/2012	N001	170.1				# -	-
	mV	0302	07/18/2012	N001	127				# -	-
	mV	0302	08/17/2012	N001	195				# -	-
	mV	0302	09/11/2012	N001	171				# -	-
	mV	0302	10/16/2012	N001	137.8				# -	-
	mV	0302	11/19/2012	N001	154				# -	-
	mV	0302	12/17/2012	N001	2				# -	-
	mV	0302	01/23/2013	N001	262				# -	-
	mV	0302	02/21/2013	N001	180.2				# -	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY	
Oxidation Reduction Potential	mV	0302	03/12/2013	N001	136				#	-	-
	mV	0302	04/23/2013	N001	160.7				#	-	-
	mV	SW01-01	04/23/2013	N001	115.1				#	-	-
pH	s.u.	0301	05/23/2012	N001	7.65				#	-	-
	s.u.	0301	06/20/2012	N001	7.23				#	-	-
	s.u.	0301	07/18/2012	N001	7.25				#	-	-
	s.u.	0301	08/17/2012	N001	7.45				#	-	-
	s.u.	0301	09/11/2012	N001	7.67				#	-	-
	s.u.	0301	10/16/2012	N001	7.84				#	-	-
	s.u.	0301	11/19/2012	N001	7.63				#	-	-
	s.u.	0301	01/23/2013	N001	7.57				#	-	-
	s.u.	0301	02/21/2013	N001	7.92				#	-	-
	s.u.	0301	03/12/2013	N001	7.80				#	-	-
	s.u.	0301	04/23/2013	N001	7.42				#	-	-
	s.u.	0302	05/23/2012	N001	7.86				#	-	-
	s.u.	0302	06/20/2012	N001	7.63				#	-	-
	s.u.	0302	07/18/2012	N001	7.74				#	-	-
	s.u.	0302	08/17/2012	N001	7.53				#	-	-
	s.u.	0302	09/11/2012	N001	7.71				#	-	-
	s.u.	0302	10/16/2012	N001	7.83				#	-	-
	s.u.	0302	11/19/2012	N001	7.66				#	-	-
	s.u.	0302	12/17/2012	N001	6.99				#	-	-
	s.u.	0302	01/23/2013	N001	7.31				#	-	-
	s.u.	0302	02/21/2013	N001	7.50				#	-	-
	s.u.	0302	03/12/2013	N001	7.78				#	-	-
	s.u.	0302	04/23/2013	N001	7.68				#	-	-
	s.u.	Seep 1	10/17/2012	N001	7.09				#	-	-
	s.u.	Seep 2	10/17/2012	N001	7.02				#	-	-
	s.u.	Seep 2	04/23/2013	N001	7.19				#	-	-
	s.u.	Seep 3	10/17/2012	N001	7.12				#	-	-
	s.u.	Seep 3	04/23/2013	N001	7.34				#	-	-
	s.u.	Seep 5	10/16/2012	N001	8.06				#	-	-
	s.u.	Seep 5	04/23/2013	N001	7.50				#	-	-
	s.u.	Seep 6	10/16/2012	N001	7.70				#	-	-
	s.u.	Seep 6	04/23/2013	N001	7.35				#	-	-
	s.u.	Sorenson	10/17/2012	N001	7.45				#	-	-
	s.u.	Sorenson	04/23/2013	N001	7.97				#	-	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
pH	s.u.	SW00-02	10/16/2012	N001	7.91				#	-	-
	s.u.	SW00-04	10/16/2012	N001	8.04				#	-	-
	s.u.	SW00-04	04/23/2013	N001	7.69				#	-	-
	s.u.	SW01-01	10/16/2012	N001	7.54				#	-	-
	s.u.	SW01-01	04/23/2013	N001	8.01				#	-	-
	s.u.	SW01-02	04/24/2013	N001	7.09				#	-	-
	s.u.	SW01-03	10/17/2012	N001	7.49				#	-	-
	s.u.	SW01-03	04/23/2013	N001	7.45				#	-	-
	s.u.	SW92-08	10/16/2012	N001	8.19				#	-	-
	s.u.	SW92-08	04/23/2013	N001	8.35				#	-	-
	s.u.	SW92-09	10/16/2012	N001	8.11				#	-	-
	s.u.	SW92-09	04/23/2013	N001	8.16				#	-	-
	s.u.	SW94-01	10/16/2012	N001	7.19				#	-	-
	s.u.	SW94-01	04/23/2013	N001	8.25				#	-	-
	s.u.	W3-03	10/17/2012	N001	7.64				#	-	-
	s.u.	W3-03	04/23/2013	N001	7.68				#	-	-
	s.u.	W3-04	10/17/2012	N001	7.77				#	-	-
	s.u.	W3-04	04/24/2013	N001	7.56				#	-	-
Potassium	mg/L	Seep 1	10/17/2012	0001	13.000				#	0.11	-
	mg/L	Seep 2	10/17/2012	0001	12.000				#	0.11	-
	mg/L	Seep 2	04/23/2013	0001	12.000		J		#	0.11	-
	mg/L	Seep 3	10/17/2012	0001	8.700				#	0.54	-
	mg/L	Seep 3	04/23/2013	0001	16.000		J		#	0.11	-
	mg/L	Seep 5	10/16/2012	0001	0.740	B			#	0.11	-
	mg/L	Seep 5	04/23/2013	0001	1.300		J		#	0.11	-
	mg/L	Seep 6	10/16/2012	0001	9.600				#	0.54	-
	mg/L	Seep 6	04/23/2013	0001	16.000		J		#	0.11	-
	mg/L	Sorenson	10/17/2012	0001	11.000				#	0.11	-
	mg/L	Sorenson	04/23/2013	0001	8.300		J		#	0.11	-
	mg/L	SW00-02	10/16/2012	0001	5.100				#	0.11	-
	mg/L	SW00-04	10/16/2012	0001	10.000				#	0.11	-
	mg/L	SW00-04	04/23/2013	0001	7.400		J		#	0.11	-
	mg/L	SW01-01	10/16/2012	0001	6.100				#	0.11	-
	mg/L	SW01-01	10/16/2012	0002	5.900	E	J		#	0.11	-
	mg/L	SW01-01	04/23/2013	0001	11.000		J		#	0.11	-
	mg/L	SW01-02	04/24/2013	0001	4.000		J		#	0.11	-
	mg/L	SW01-03	10/17/2012	0001	5.400				#	0.11	-
	mg/L	SW01-03	04/23/2013	0001	4.800		J		#	0.11	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Potassium	mg/L	SW92-08	10/16/2012	0001	8.800			#	0.11	-
	mg/L	SW92-08	04/23/2013	0001	6.900		J	#	0.11	-
	mg/L	SW92-09	10/16/2012	0001	8.800			#	0.11	-
	mg/L	SW92-09	04/23/2013	0001	7.300		J	#	0.11	-
	mg/L	SW94-01	10/16/2012	0001	10.000			#	0.11	-
	mg/L	SW94-01	04/23/2013	0001	7.200		J	#	0.11	-
	mg/L	W3-03	10/17/2012	0001	15.000			#	0.22	-
	mg/L	W3-03	04/23/2013	0001	16.000		J	#	0.11	-
	mg/L	W3-04	10/17/2012	0001	9.900			#	0.22	-
	mg/L	W3-04	04/24/2013	0001	22.000		J	#	0.11	-
Selenium	mg/L	Seep 1	10/17/2012	0001	0.0001			#	3.2E-05	-
	mg/L	Seep 2	10/17/2012	0001	0.019			#	0.00032	-
	mg/L	Seep 2	04/23/2013	0001	0.034			#	0.00032	-
	mg/L	Seep 3	10/17/2012	0001	0.072			#	3.2E-05	-
	mg/L	Seep 3	04/23/2013	0001	0.094			#	3.2E-05	-
	mg/L	Seep 5	10/16/2012	0001	0.0022			#	3.2E-05	-
	mg/L	Seep 5	04/23/2013	0001	0.0029			#	3.2E-05	-
	mg/L	Seep 6	10/16/2012	0001	0.012			#	0.00016	-
	mg/L	Seep 6	04/23/2013	0001	0.013			#	0.00016	-
	mg/L	Sorenson	10/17/2012	0001	0.013			#	3.2E-05	-
	mg/L	Sorenson	04/23/2013	0001	0.017			#	3.2E-05	-
	mg/L	SW00-02	10/16/2012	0001	0.0001			#	3.2E-05	-
	mg/L	SW00-04	10/16/2012	0001	0.0052			#	3.2E-05	-
	mg/L	SW00-04	04/23/2013	0001	0.007			#	3.2E-05	-
	mg/L	SW01-01	10/16/2012	0001	0.0029			#	3.2E-05	-
	mg/L	SW01-01	10/16/2012	0002	0.0029			#	3.2E-05	-
	mg/L	SW01-01	04/23/2013	0001	0.0023			#	3.2E-05	-
	mg/L	SW01-02	04/24/2013	0001	0.0022			#	3.2E-05	-
	mg/L	SW01-03	10/17/2012	0001	0.0003			#	3.2E-05	-
	mg/L	SW01-03	04/23/2013	0001	0.0011			#	3.2E-05	-
	mg/L	SW92-08	10/16/2012	0001	0.003			#	3.2E-05	-
	mg/L	SW92-08	04/23/2013	0001	0.0025			#	0.00016	-
	mg/L	SW92-09	10/16/2012	0001	0.0016			#	3.2E-05	-
	mg/L	SW92-09	04/23/2013	0001	0.0019			#	0.00016	-
	mg/L	SW94-01	10/16/2012	0001	0.0078			#	0.00016	-
	mg/L	SW94-01	04/23/2013	0001	0.0028			#	0.00016	-
	mg/L	W3-03	10/17/2012	0001	0.0027			#	0.00016	-
	mg/L	W3-03	04/23/2013	0001	0.0018			#	0.00016	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Selenium	mg/L	W3-04	10/17/2012	0001	0.0012			#	3.2E-05	-
	mg/L	W3-04	04/24/2013	0001	0.0008			#	3.2E-05	-
Sodium	mg/L	Seep 1	10/17/2012	0001	220.000			#	0.033	-
	mg/L	Seep 2	10/17/2012	0001	110.000			#	0.0066	-
	mg/L	Seep 2	04/23/2013	0001	120.000		J	#	0.0066	-
	mg/L	Seep 3	10/17/2012	0001	280.000			#	0.033	-
	mg/L	Seep 3	04/23/2013	0001	290.000		J	#	0.033	-
	mg/L	Seep 5	10/16/2012	0001	110.000			#	0.0066	-
	mg/L	Seep 5	04/23/2013	0001	94.000		J	#	0.0066	-
	mg/L	Seep 6	10/16/2012	0001	450.000			#	0.033	-
	mg/L	Seep 6	04/23/2013	0001	290.000		J	#	0.033	-
	mg/L	Sorenson	10/17/2012	0001	140.000			#	0.0066	-
	mg/L	Sorenson	04/23/2013	0001	140.000		J	#	0.0066	-
	mg/L	SW00-02	10/16/2012	0001	62.000	E	J	#	0.0066	-
	mg/L	SW00-04	10/16/2012	0001	140.000			#	0.0066	-
	mg/L	SW00-04	04/23/2013	0001	130.000		J	#	0.0066	-
	mg/L	SW01-01	10/16/2012	0001	75.000			#	0.0066	-
	mg/L	SW01-01	10/16/2012	0002	72.000			#	0.0066	-
	mg/L	SW01-01	04/23/2013	0001	120.000		J	#	0.0066	-
	mg/L	SW01-02	04/24/2013	0001	49.000		J	#	0.0066	-
	mg/L	SW01-03	10/17/2012	0001	56.000			#	0.0066	-
	mg/L	SW01-03	04/23/2013	0001	68.000		J	#	0.0066	-
	mg/L	SW92-08	10/16/2012	0001	120.000			#	0.0066	-
	mg/L	SW92-08	04/23/2013	0001	120.000		J	#	0.0066	-
	mg/L	SW92-09	10/16/2012	0001	140.000			#	0.0066	-
	mg/L	SW92-09	04/23/2013	0001	120.000		J	#	0.0066	-
	mg/L	SW94-01	10/16/2012	0001	160.000			#	0.013	-
	mg/L	SW94-01	04/23/2013	0001	120.000		J	#	0.0066	-
	mg/L	W3-03	10/17/2012	0001	260.000			#	0.013	-
	mg/L	W3-03	04/23/2013	0001	190.000		J	#	0.033	-
	mg/L	W3-04	10/17/2012	0001	160.000			#	0.013	-
	mg/L	W3-04	04/24/2013	0001	340.000		J	#	0.033	-
Specific Conductance	umhos/cm	0301	05/23/2012	N001	1897			#	-	-
	umhos/cm	0301	06/20/2012	N001	2251			#	-	-
	umhos/cm	0301	07/18/2012	N001	2236			#	-	-
	umhos/cm	0301	08/17/2012	N001	1919			#	-	-
	umhos/cm	0301	09/11/2012	N001	1890			#	-	-
	umhos/cm	0301	10/16/2012	N001	1815			#	-	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY	
Specific Conductance	umhos/cm	0301	11/19/2012	N001	1721				#	-	-
	umhos/cm	0301	01/23/2013	N001	1822				#	-	-
	umhos/cm	0301	02/21/2013	N001	1945				#	-	-
	umhos/cm	0301	03/12/2013	N001	2032				#	-	-
	umhos/cm	0301	04/23/2013	N001	1875				#	-	-
	umhos/cm	0302	05/23/2012	N001	1856				#	-	-
	umhos/cm	0302	06/20/2012	N001	2250				#	-	-
	umhos/cm	0302	07/18/2012	N001	2250				#	-	-
	umhos/cm	0302	08/17/2012	N001	2026				#	-	-
	umhos/cm	0302	09/11/2012	N001	1906				#	-	-
	umhos/cm	0302	10/16/2012	N001	1816				#	-	-
	umhos/cm	0302	11/19/2012	N001	1687				#	-	-
	umhos/cm	0302	12/17/2012	N001	1870				#	-	-
	umhos/cm	0302	01/23/2013	N001	1821				#	-	-
	umhos/cm	0302	02/21/2013	N001	1980				#	-	-
	umhos/cm	0302	03/12/2013	N001	2030				#	-	-
	umhos/cm	0302	04/23/2013	N001	1072				#	-	-
	umhos/cm	Seep 1	10/17/2012	N001	2058				#	-	-
	umhos/cm	Seep 2	10/17/2012	N001	2031				#	-	-
	umhos/cm	Seep 2	04/23/2013	N001	1791				#	-	-
	umhos/cm	Seep 3	10/17/2012	N001	3650				#	-	-
	umhos/cm	Seep 3	04/23/2013	N001	3057				#	-	-
	umhos/cm	Seep 5	10/16/2012	N001	1157				#	-	-
	umhos/cm	Seep 5	04/23/2013	N001	901				#	-	-
	umhos/cm	Seep 6	10/16/2012	N001	4632				#	-	-
	umhos/cm	Seep 6	04/23/2013	N001	2836				#	-	-
	umhos/cm	Sorenson	10/17/2012	N001	2130				#	-	-
	umhos/cm	Sorenson	04/23/2013	N001	1730				#	-	-
	umhos/cm	SW00-02	10/16/2012	N001	1357				#	-	-
	umhos/cm	SW00-04	10/16/2012	N001	1911				#	-	-
	umhos/cm	SW00-04	04/23/2013	N001	1441				#	-	-
	umhos/cm	SW01-01	10/16/2012	N001	1750				#	-	-
	umhos/cm	SW01-01	04/23/2013	N001	2068				#	-	-
	umhos/cm	SW01-02	04/24/2013	N001	1570				#	-	-
	umhos/cm	SW01-03	10/17/2012	N001	1711				#	-	-
	umhos/cm	SW01-03	04/23/2013	N001	883				#	-	-
	umhos/cm	SW92-08	10/16/2012	N001	1731				#	-	-
	umhos/cm	SW92-08	04/23/2013	N001	1342				#	-	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Specific Conductance	umhos/cm	SW92-09	10/16/2012	N001	1851				#	-	-
	umhos/cm	SW92-09	04/23/2013	N001	1213				#	-	-
	umhos/cm	SW94-01	10/16/2012	N001	1910				#	-	-
	umhos/cm	SW94-01	04/23/2013	N001	1439				#	-	-
	umhos/cm	W3-03	10/17/2012	N001	3911				#	-	-
	umhos/cm	W3-03	04/23/2013	N001	2557				#	-	-
	umhos/cm	W3-04	10/17/2012	N001	3052				#	-	-
	umhos/cm	W3-04	04/24/2013	N001	3412				#	-	-
Sulfate	mg/L	Seep 1	10/17/2012	0001	740				#	10	-
	mg/L	Seep 2	10/17/2012	0001	890				#	10	-
	mg/L	Seep 2	04/23/2013	0001	890				#	25	-
	mg/L	Seep 3	10/17/2012	0001	1500				#	25	-
	mg/L	Seep 3	04/23/2013	0001	1400				#	25	-
	mg/L	Seep 5	10/16/2012	0001	120				#	5	-
	mg/L	Seep 5	04/23/2013	0001	130				#	25	-
	mg/L	Seep 6	10/16/2012	0001	2000				#	25	-
	mg/L	Seep 6	04/23/2013	0001	1400				#	25	-
	mg/L	Sorenson	10/17/2012	0001	840				#	10	-
	mg/L	Sorenson	04/23/2013	0001	820				#	25	-
	mg/L	SW00-02	10/16/2012	0001	810				#	10	-
	mg/L	SW00-04	10/16/2012	0001	730				#	10	-
	mg/L	SW00-04	04/23/2013	0001	600				#	25	-
	mg/L	SW01-01	10/16/2012	0001	810				#	10	-
	mg/L	SW01-01	10/16/2012	0002	780				#	10	-
	mg/L	SW01-01	04/23/2013	0001	880				#	25	-
	mg/L	SW01-02	04/24/2013	0001	830				#	25	-
	mg/L	SW01-03	10/17/2012	0001	750				#	10	-
	mg/L	SW01-03	04/23/2013	0001	760				#	25	-
	mg/L	SW92-08	10/16/2012	0001	600				#	10	-
	mg/L	SW92-08	04/23/2013	0001	520				#	25	-
	mg/L	SW92-09	10/16/2012	0001	640				#	10	-
	mg/L	SW92-09	04/23/2013	0001	610				#	25	-
	mg/L	SW94-01	10/16/2012	0001	770				#	10	-
	mg/L	SW94-01	04/23/2013	0001	610				#	5	-
	mg/L	W3-03	10/17/2012	0001	2200				#	25	-
	mg/L	W3-03	04/23/2013	0001	1500				#	25	-
	mg/L	W3-04	10/17/2012	0001	1700				#	25	-
	mg/L	W3-04	04/24/2013	0001	2100				#	25	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY	
Temperature	C	0301	05/23/2012	N001	16.41				#	-	-
	C	0301	06/20/2012	N001	14.72				#	-	-
	C	0301	07/18/2012	N001	15.95				#	-	-
	C	0301	08/17/2012	N001	15.90				#	-	-
	C	0301	09/11/2012	N001	15.16				#	-	-
	C	0301	10/16/2012	N001	8.05				#	-	-
	C	0301	11/19/2012	N001	5.16				#	-	-
	C	0301	01/23/2013	N001	1.93				#	-	-
	C	0301	02/21/2013	N001	1.81				#	-	-
	C	0301	03/12/2013	N001	3.24				#	-	-
	C	0301	04/23/2013	N001	11.63				#	-	-
	C	0302	05/23/2012	N001	18.46				#	-	-
	C	0302	06/20/2012	N001	18.09				#	-	-
	C	0302	07/18/2012	N001	19				#	-	-
	C	0302	08/17/2012	N001	16.8				#	-	-
	C	0302	09/11/2012	N001	15.87				#	-	-
	C	0302	10/16/2012	N001	8.77				#	-	-
	C	0302	11/19/2012	N001	4.86				#	-	-
	C	0302	12/17/2012	N001	5.34				#	-	-
	C	0302	01/23/2013	N001	2.09				#	-	-
	C	0302	02/21/2013	N001	2.84				#	-	-
	C	0302	03/12/2013	N001	3.65				#	-	-
	C	0302	04/23/2013	N001	12.63				#	-	-
	C	Seep 1	10/17/2012	N001	11.93				#	-	-
	C	Seep 2	10/17/2012	N001	14.30				#	-	-
	C	Seep 2	04/23/2013	N001	8.45				#	-	-
	C	Seep 3	10/17/2012	N001	8.3				#	-	-
	C	Seep 3	04/23/2013	N001	13.59				#	-	-
	C	Seep 5	10/16/2012	N001	7.88				#	-	-
	C	Seep 5	04/23/2013	N001	9.00				#	-	-
	C	Seep 6	10/16/2012	N001	8.03				#	-	-
	C	Seep 6	04/23/2013	N001	7.08				#	-	-
	C	Sorenson	10/17/2012	N001	8.5				#	-	-
	C	Sorenson	04/23/2013	N001	7.54				#	-	-
	C	SW00-02	10/16/2012	N001	14.42				#	-	-
	C	SW00-04	10/16/2012	N001	8				#	-	-
	C	SW00-04	04/23/2013	N001	8.84				#	-	-
	C	SW01-01	10/16/2012	N001	12.8				#	-	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	SW01-01	04/23/2013	N001	7.52			#	-	-
	C	SW01-02	04/24/2013	N001	2.06			#	-	-
	C	SW01-03	10/17/2012	N001	7.82			#	-	-
	C	SW01-03	04/23/2013	N001	10.63			#	-	-
	C	SW92-08	10/16/2012	N001	8			#	-	-
	C	SW92-08	04/23/2013	N001	12.89			#	-	-
	C	SW92-09	10/16/2012	N001	8			#	-	-
	C	SW92-09	04/23/2013	N001	16.83			#	-	-
	C	SW94-01	10/16/2012	N001	8			#	-	-
	C	SW94-01	04/23/2013	N001	12.95			#	-	-
	C	W3-03	10/17/2012	N001	7.05			#	-	-
	C	W3-03	04/23/2013	N001	13.57			#	-	-
	C	W3-04	10/17/2012	N001	11.81			#	-	-
	C	W3-04	04/24/2013	N001	5.88			#	-	-
Total Dissolved Solids	mg/L	Seep 2	10/17/2012	0001	1700			#	40	-
	mg/L	Seep 2	04/23/2013	0001	1800			#	20	-
	mg/L	Sorenson	10/17/2012	0001	1700			#	40	-
	mg/L	Sorenson	04/23/2013	0001	1700			#	20	-
	mg/L	SW00-02	10/16/2012	0001	1400			#	40	-
	mg/L	SW01-01	10/16/2012	0001	1500			#	40	-
	mg/L	SW01-01	04/23/2013	0001	1800			#	20	-
	mg/L	SW01-02	04/24/2013	0001	1600			#	20	-
Turbidity	NTU	0301	05/23/2012	N001	26.5			#	-	-
	NTU	0301	10/16/2012	N001	17.2			#	-	-
	NTU	0302	05/23/2012	N001	17.23			#	-	-
	NTU	0302	10/16/2012	N001	29.3			#	-	-
	NTU	Seep 3	10/17/2012	N001	26.8			#	-	-
	NTU	Seep 5	10/16/2012	N001	67.8			#	-	-
	NTU	Seep 6	10/16/2012	N001	39.5			#	-	-
	NTU	Sorenson	10/17/2012	N001	4.15			#	-	-
	NTU	SW01-01	10/16/2012	N001	4.46			#	-	-
	NTU	SW01-01	04/23/2013	N001	12.3			#	-	-
Uranium	mg/L	0301	05/23/2012	N001	0.044			#	2.9E-05	-
	mg/L	0301	05/23/2012	N003	0.0439				0.0002	-
	mg/L	0301	06/20/2012	N001	0.098			#	2.9E-05	-
	mg/L	0301	06/20/2012	N003	0.1032				0.0002	-
	mg/L	0301	07/18/2012	N001	0.110			#	2.9E-05	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	SAMPLE: ID	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	0301	07/18/2012	N003	0.1119				0.0002	-
	mg/L	0301	08/17/2012	N001	0.056			#	2.9E-05	-
	mg/L	0301	08/17/2012	N003	0.0616				0.0002	-
	mg/L	0301	09/11/2012	N001	0.048			#	2.9E-05	-
	mg/L	0301	09/11/2012	N003	0.0487				0.0002	-
	mg/L	0301	10/16/2012	N001	0.043			#	2.9E-05	-
	mg/L	0301	10/16/2012	N003	0.0553				0.0002	-
	mg/L	0301	11/19/2012	N001	0.025			#	2.9E-05	-
	mg/L	0301	11/19/2012	N003	0.0357				0.0002	-
	mg/L	0301	01/23/2013	N001	0.029			#	2.9E-05	-
	mg/L	0301	01/23/2013	N003	0.0349				0.0002	-
	mg/L	0301	02/21/2013	N001	0.025			#	2.9E-05	-
	mg/L	0301	02/21/2013	N003	0.0331				0.0002	-
	mg/L	0301	03/12/2013	N001	0.026			#	2.9E-05	-
	mg/L	0301	03/12/2013	N003	0.0320				0.0002	-
	mg/L	0301	04/23/2013	N001	0.023	E	J	#	2.9E-05	-
	mg/L	0301	04/23/2013	N003	0.0243				0.0002	-
	mg/L	0302	05/23/2012	N001	0.038			#	2.9E-05	-
	mg/L	0302	05/23/2012	N003	0.0394				0.0002	-
	mg/L	0302	06/20/2012	N001	0.098			#	2.9E-05	-
	mg/L	0302	06/20/2012	N002	0.097			#	2.9E-05	-
	mg/L	0302	06/20/2012	N003	0.1041				0.0002	-
	mg/L	0302	06/20/2012	N004	0.1072				0.0002	-
	mg/L	0302	07/18/2012	N001	0.110			#	2.9E-05	-
	mg/L	0302	07/18/2012	N002	0.110			#	2.9E-05	-
	mg/L	0302	07/18/2012	N003	0.1198				0.0002	-
	mg/L	0302	07/18/2012	N004	0.1207				0.0002	-
	mg/L	0302	08/17/2012	N001	0.055			#	2.9E-05	-
	mg/L	0302	08/17/2012	N003	0.0661				0.0002	-
	mg/L	0302	09/11/2012	N001	0.048			#	2.9E-05	-
	mg/L	0302	09/11/2012	N002	0.047			#	2.9E-05	-
	mg/L	0302	09/11/2012	N003	0.0569				0.0002	-
	mg/L	0302	09/11/2012	N004	0.0568				0.0002	-
	mg/L	0302	10/16/2012	N001	0.043			#	2.9E-05	-
	mg/L	0302	10/16/2012	N003	0.0530				0.0002	-
	mg/L	0302	11/19/2012	N001	0.024			#	2.9E-05	-
	mg/L	0302	11/19/2012	N003	0.0212				0.0002	-
	mg/L	0302	12/17/2012	N001	0.025			#	2.9E-05	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	0302	12/17/2012	N004	0.0365				0.0002	-
	mg/L	0302	01/23/2013	N001	0.028			#	2.9E-05	-
	mg/L	0302	01/23/2013	N003	0.0377				0.0002	-
	mg/L	0302	02/21/2013	N001	0.026			#	2.9E-05	-
	mg/L	0302	02/21/2013	N003	0.0314				0.0002	-
	mg/L	0302	03/12/2013	N001	0.027			#	2.9E-05	-
	mg/L	0302	03/12/2013	N002	0.027			#	2.9E-05	-
	mg/L	0302	03/12/2013	N003	0.0328				0.0002	-
	mg/L	0302	03/12/2013	N004	0.0311				0.0002	-
	mg/L	0302	04/23/2013	N001	0.021			#	2.9E-05	-
	mg/L	0302	04/23/2013	N003	0.0255				0.0002	-
	mg/L	Seep 1	10/17/2012	0001	0.080			#	1.5E-05	-
	mg/L	Seep 2	10/17/2012	0001	0.220			#	2.9E-05	-
	mg/L	Seep 2	04/23/2013	0001	0.240			#	2.9E-05	-
	mg/L	Seep 3	10/17/2012	0001	0.037			#	2.9E-06	-
	mg/L	Seep 3	04/23/2013	0001	0.035			#	2.9E-06	-
	mg/L	Seep 5	10/16/2012	0001	0.024			#	2.9E-06	-
	mg/L	Seep 5	04/23/2013	0001	0.041			#	2.9E-06	-
	mg/L	Seep 6	10/16/2012	0001	3.100			#	0.00029	-
	mg/L	Seep 6	04/23/2013	0001	2.200			#	0.00029	-
	mg/L	Sorenson	10/17/2012	0001	0.280			#	1.5E-05	-
	mg/L	Sorenson	04/23/2013	0001	0.270			#	1.5E-05	-
	mg/L	SW00-02	10/16/2012	0001	0.023			#	2.9E-06	-
	mg/L	SW00-04	10/16/2012	0001	0.190			#	1.5E-05	-
	mg/L	SW00-04	04/23/2013	0001	0.140			#	1.5E-05	-
	mg/L	SW01-01	10/16/2012	0001	0.047			#	2.9E-06	-
	mg/L	SW01-01	10/16/2012	0002	0.046			#	2.9E-06	-
	mg/L	SW01-01	04/23/2013	0001	0.024			#	2.9E-06	-
	mg/L	SW01-02	04/24/2013	0001	0.0073			#	2.9E-06	-
	mg/L	SW01-03	10/17/2012	0001	0.022			#	2.9E-06	-
	mg/L	SW01-03	04/23/2013	0001	0.025			#	2.9E-06	-
	mg/L	SW92-08	10/16/2012	0001	0.150			#	1.5E-05	-
	mg/L	SW92-08	04/23/2013	0001	0.087			#	1.5E-05	-
	mg/L	SW92-09	10/16/2012	0001	0.200			#	1.5E-05	-
	mg/L	SW92-09	04/23/2013	0001	0.120			#	1.5E-05	-
	mg/L	SW94-01	10/16/2012	0001	0.260			#	1.5E-05	-
	mg/L	SW94-01	04/23/2013	0001	0.140			#	1.5E-05	-
	mg/L	W3-03	10/17/2012	0001	0.530			#	1.5E-05	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	W3-03	04/23/2013	0001	0.150			#	1.5E-05	-
	mg/L	W3-04	10/17/2012	0001	0.250			#	2.9E-05	-
	mg/L	W3-04	04/24/2013	0001	0.150			#	2.9E-05	-
Vanadium	mg/L	Seep 1	10/17/2012	0001	0.0016			#	1.5E-05	-
	mg/L	Seep 2	10/17/2012	0001	0.550			#	0.00015	-
	mg/L	Seep 2	04/23/2013	0001	0.480			#	0.00015	-
	mg/L	Seep 3	10/17/2012	0001	0.0003			#	1.5E-05	-
	mg/L	Seep 3	04/23/2013	0001	0.0004			#	1.5E-05	-
	mg/L	Seep 5	10/16/2012	0001	0.0018			#	1.5E-05	-
	mg/L	Seep 5	04/23/2013	0001	0.0039			#	1.5E-05	-
	mg/L	Seep 6	10/16/2012	0001	0.046			#	7.6E-05	-
	mg/L	Seep 6	04/23/2013	0001	0.063			#	7.6E-05	-
	mg/L	Sorenson	10/17/2012	0001	0.0013			#	1.5E-05	-
	mg/L	Sorenson	04/23/2013	0001	0.001			#	1.5E-05	-
	mg/L	SW00-02	10/16/2012	0001	0.0004			#	1.5E-05	-
	mg/L	SW00-04	10/16/2012	0001	0.0023			#	1.5E-05	-
	mg/L	SW00-04	04/23/2013	0001	0.0021			#	1.5E-05	-
	mg/L	SW01-01	10/16/2012	0001	0.0019			#	1.5E-05	-
	mg/L	SW01-01	10/16/2012	0002	0.0019			#	1.5E-05	-
	mg/L	SW01-01	04/23/2013	0001	0.0006			#	1.5E-05	-
	mg/L	SW01-02	04/24/2013	0001	0.0008			#	1.5E-05	-
	mg/L	SW01-03	10/17/2012	0001	0.0003			#	1.5E-05	-
	mg/L	SW01-03	04/23/2013	0001	0.0013			#	1.5E-05	-
	mg/L	SW92-08	10/16/2012	0001	0.0021			#	1.5E-05	-
	mg/L	SW92-08	04/23/2013	0001	0.0023			#	7.6E-05	-
	mg/L	SW92-09	10/16/2012	0001	0.002			#	1.5E-05	-
	mg/L	SW92-09	04/23/2013	0001	0.0054			#	7.6E-05	-
	mg/L	SW94-01	10/16/2012	0001	0.013			#	7.6E-05	-
	mg/L	SW94-01	04/23/2013	0001	0.0082			#	7.6E-05	-
	mg/L	W3-03	10/17/2012	0001	0.0043			#	7.6E-05	-
	mg/L	W3-03	04/23/2013	0001	0.0035			#	7.6E-05	-
	mg/L	W3-04	10/17/2012	0001	0.0014			#	1.5E-05	-
	mg/L	W3-04	04/24/2013	0001	0.0011			#	1.5E-05	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:09 am

PARAMETER	UNITS	LOCATION CODE	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY

RECORDS: SELECTED FROM USEE800 WHERE site_code='MNT01' AND DATE_SAMPLED between #5/1/2012# and #4/30/2013#

SAMPLE ID CODES: 000X = Filtered sample. N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- * Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- > Result above upper detection limit.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.
- C Pesticide result confirmed by GC-MS.
- D Analyte determined in diluted sample.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- J Estimated
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).
- P > 25% difference in detected pesticide or Aroclor concentrations between 2 columns.
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

DATA QUALIFIERS:

- F Low flow sampling method used.
- J Estimated value.
- N Presumptive evidence that analyte is present. The analyte is "tentatively identified".
- R Unusable result.
- X Location is undefined.
- G Possible grout contamination, pH > 9.
- L Less than 3 bore volumes purged prior to sampling.
- Q Qualitative result due to sampling technique
- U Parameter analyzed for but was not detected.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	TCEFF1	TS, EFFL	06/20/2012	N001	0.00 - 0.00	360			#	-	-
	mg/L	TCEFF1	TS, EFFL	07/18/2012	N001	0.00 - 0.00	423			#	-	-
	mg/L	TCEFF1	TS, EFFL	08/17/2012	N005	0.00 - 0.00	385			#	-	-
	mg/L	TCEFF1	TS, EFFL	09/11/2012	N001	0.00 - 0.00	394			#	-	-
	mg/L	TCEFF1	TS, EFFL	10/16/2012	N001	0.00 - 0.00	415			#	-	-
	mg/L	TCEFF1	TS, EFFL	11/19/2012	N001	0.00 - 0.00	419			#	-	-
	mg/L	TCEFF1	TS, EFFL	12/17/2012	N001	0.00 - 0.00	390			#	-	-
	mg/L	TCEFF1	TS, EFFL	01/23/2013	N001	0.00 - 0.00	360			#	-	-
	mg/L	TCEFF1	TS, EFFL	02/21/2013	N001	0.00 - 0.00	336			#	-	-
	mg/L	TCEFF1	TS, EFFL	03/12/2013	N001	0.00 - 0.00	290			#	-	-
	mg/L	TCEFF1	TS, EFFL	04/23/2013	N001	0.00 - 0.00	354			#	-	-
	mg/L	TCEFF2	TS, EFFL	06/20/2012	N001	0.00 - 0.00	353			#	-	-
	mg/L	TCEFF2	TS, EFFL	07/18/2012	N001	0.00 - 0.00	421			#	-	-
	mg/L	TCEFF2	TS, EFFL	08/17/2012	N005	0.00 - 0.00	380			#	-	-
	mg/L	TCEFF2	TS, EFFL	09/11/2012	N001	0.00 - 0.00	398			#	-	-
	mg/L	TCEFF2	TS, EFFL	10/16/2012	N001	0.00 - 0.00	402			#	-	-
	mg/L	TCEFF2	TS, EFFL	11/19/2012	N001	0.00 - 0.00	423			#	-	-
	mg/L	TCEFF2	TS, EFFL	12/17/2012	N001	0.00 - 0.00	397			#	-	-
	mg/L	TCEFF2	TS, EFFL	01/23/2013	N001	0.00 - 0.00	358			#	-	-
	mg/L	TCEFF2	TS, EFFL	02/21/2013	N001	0.00 - 0.00	379			#	-	-
	mg/L	TCEFF2	TS, EFFL	03/12/2013	N001	0.00 - 0.00	296			#	-	-
	mg/L	TCEFF2	TS, EFFL	04/23/2013	N001	0.00 - 0.00	394			#	-	-
	mg/L	TCINF	TS, INFL	06/20/2012	N001	0.00 - 0.00	332			#	-	-
	mg/L	TCINF	TS, INFL	07/18/2012	N001	0.00 - 0.00	434			#	-	-
	mg/L	TCINF	TS, INFL	08/17/2012	N001	0.00 - 0.00	407			#	-	-
	mg/L	TCINF	TS, INFL	09/11/2012	N001	0.00 - 0.00	340			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	TCINF	TS, INFL	10/16/2012	N001	0.00 - 0.00	373			#	-	-
	mg/L	TCINF	TS, INFL	11/19/2012	N001	0.00 - 0.00	390			#	-	-
	mg/L	TCINF	TS, INFL	12/17/2012	N001	0.00 - 0.00	360			#	-	-
	mg/L	TCINF	TS, INFL	01/23/2013	N001	0.00 - 0.00	328			#	-	-
	mg/L	TCINF	TS, INFL	02/21/2013	N001	0.00 - 0.00	303			#	-	-
	mg/L	TCINF	TS, INFL	03/12/2013	N001	0.00 - 0.00	280			#	-	-
	mg/L	TCINF	TS, INFL	04/23/2013	N001	0.00 - 0.00	286			#	-	-
	mg/L	TCOUT	TS, EFFL	06/20/2012	N001	0.00 - 0.00	352			#	-	-
	mg/L	TCOUT	TS, EFFL	07/18/2012	N001	0.00 - 0.00	408			#	-	-
	mg/L	TCOUT	TS, EFFL	08/17/2012	N005	0.00 - 0.00	385			#	-	-
	mg/L	TCOUT	TS, EFFL	09/11/2012	N001	0.00 - 0.00	384			#	-	-
	mg/L	TCOUT	TS, EFFL	10/16/2012	N001	0.00 - 0.00	290			#	-	-
	mg/L	TCOUT	TS, EFFL	11/19/2012	N001	0.00 - 0.00	434			#	-	-
	mg/L	TCOUT	TS, EFFL	12/17/2012	N001	0.00 - 0.00	400			#	-	-
	mg/L	TCOUT	TS, EFFL	01/23/2013	N001	0.00 - 0.00	350			#	-	-
	mg/L	TCOUT	TS, EFFL	02/21/2013	N001	0.00 - 0.00	337			#	-	-
	mg/L	TCOUT	TS, EFFL	03/12/2013	N001	0.00 - 0.00	306			#	-	-
	mg/L	TCOUT	TS, EFFL	04/23/2013	N001	0.00 - 0.00	344			#	-	-
Dissolved Oxygen	mg/L	TCEFF1	TS, EFFL	06/20/2012	N001	0.00 - 0.00	1.42			#	-	-
	mg/L	TCEFF1	TS, EFFL	07/18/2012	N001	0.00 - 0.00	0.98			#	-	-
	mg/L	TCEFF1	TS, EFFL	08/17/2012	N005	0.00 - 0.00	1.22			#	-	-
	mg/L	TCEFF1	TS, EFFL	09/11/2012	N001	0.00 - 0.00	1.39			#	-	-
	mg/L	TCEFF1	TS, EFFL	10/16/2012	N001	0.00 - 0.00	1.18			#	-	-
	mg/L	TCEFF1	TS, EFFL	11/19/2012	N001	0.00 - 0.00	1.63			#	-	-
	mg/L	TCEFF1	TS, EFFL	12/17/2012	N001	0.00 - 0.00	1.73			#	-	-
	mg/L	TCEFF1	TS, EFFL	01/23/2013	N001	0.00 - 0.00	2.08			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	TCEFF1	TS, EFFL	03/12/2013	N001	0.00 - 0.00	1.72			#	-	-
	mg/L	TCEFF1	TS, EFFL	04/23/2013	N001	0.00 - 0.00	4.34			#	-	-
	mg/L	TCEFF2	TS, EFFL	06/20/2012	N001	0.00 - 0.00	0.87			#	-	-
	mg/L	TCEFF2	TS, EFFL	07/18/2012	N001	0.00 - 0.00	0.98			#	-	-
	mg/L	TCEFF2	TS, EFFL	08/17/2012	N005	0.00 - 0.00	1.59			#	-	-
	mg/L	TCEFF2	TS, EFFL	09/11/2012	N001	0.00 - 0.00	1.20			#	-	-
	mg/L	TCEFF2	TS, EFFL	10/16/2012	N001	0.00 - 0.00	1.25			#	-	-
	mg/L	TCEFF2	TS, EFFL	11/19/2012	N001	0.00 - 0.00	1.37			#	-	-
	mg/L	TCEFF2	TS, EFFL	12/17/2012	N001	0.00 - 0.00	0.52			#	-	-
	mg/L	TCEFF2	TS, EFFL	01/23/2013	N001	0.00 - 0.00	3.34			#	-	-
	mg/L	TCEFF2	TS, EFFL	03/12/2013	N001	0.00 - 0.00	1.78			#	-	-
	mg/L	TCEFF2	TS, EFFL	04/23/2013	N001	0.00 - 0.00	4.19			#	-	-
	mg/L	TCINF	TS, INFL	06/20/2012	N001	0.00 - 0.00	4.22			#	-	-
	mg/L	TCINF	TS, INFL	07/18/2012	N001	0.00 - 0.00	6.98			#	-	-
	mg/L	TCINF	TS, INFL	08/17/2012	N001	0.00 - 0.00	1.75			#	-	-
	mg/L	TCINF	TS, INFL	09/11/2012	N001	0.00 - 0.00	2.04			#	-	-
	mg/L	TCINF	TS, INFL	10/16/2012	N001	0.00 - 0.00	3.85			#	-	-
	mg/L	TCINF	TS, INFL	11/19/2012	N001	0.00 - 0.00	3.83			#	-	-
	mg/L	TCINF	TS, INFL	12/17/2012	N001	0.00 - 0.00	2.14			#	-	-
	mg/L	TCINF	TS, INFL	01/23/2013	N001	0.00 - 0.00	3.34			#	-	-
	mg/L	TCINF	TS, INFL	02/21/2013	N001	0.00 - 0.00	9.11			#	-	-
	mg/L	TCINF	TS, INFL	03/12/2013	N001	0.00 - 0.00	3.85			#	-	-
	mg/L	TCINF	TS, INFL	04/23/2013	N001	0.00 - 0.00	2.48			#	-	-
	mg/L	TCOUT	TS, EFFL	06/20/2012	N001	0.00 - 0.00	3.86			#	-	-
	mg/L	TCOUT	TS, EFFL	07/18/2012	N001	0.00 - 0.00	2.91			#	-	-
	mg/L	TCOUT	TS, EFFL	08/17/2012	N005	0.00 - 0.00	3.73			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	TCOUT	TS, EFFL	09/11/2012	N001	0.00 - 0.00	3.29			#	-	-
	mg/L	TCOUT	TS, EFFL	10/16/2012	N001	0.00 - 0.00	3.18			#	-	-
	mg/L	TCOUT	TS, EFFL	11/19/2012	N001	0.00 - 0.00	2.15			#	-	-
	mg/L	TCOUT	TS, EFFL	12/17/2012	N001	0.00 - 0.00	4.25			#	-	-
	mg/L	TCOUT	TS, EFFL	01/23/2013	N001	0.00 - 0.00	3.95			#	-	-
	mg/L	TCOUT	TS, EFFL	03/12/2013	N001	0.00 - 0.00	4.01			#	-	-
	mg/L	TCOUT	TS, EFFL	04/23/2013	N001	0.00 - 0.00	4.44			#	-	-
Iron	mg/L	TCEFF1	TS, EFFL	05/23/2012	N001	0.00 - 0.00	19.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	05/23/2012	N002	0.00 - 0.00	20.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	05/23/2012	N003	0.00 - 0.00	20.8				0.01	-
	mg/L	TCEFF1	TS, EFFL	05/23/2012	N004	0.00 - 0.00	20.2				0.01	-
	mg/L	TCEFF1	TS, EFFL	06/20/2012	N001	0.00 - 0.00	15.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	06/20/2012	N002	0.00 - 0.00	15.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	06/20/2012	N003	0.00 - 0.00	16.0				0.01	-
	mg/L	TCEFF1	TS, EFFL	06/20/2012	N004	0.00 - 0.00	16.4				0.01	-
	mg/L	TCEFF1	TS, EFFL	07/18/2012	N001	0.00 - 0.00	19.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	07/18/2012	N002	0.00 - 0.00	19.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	07/18/2012	N003	0.00 - 0.00	19.2				0.01	-
	mg/L	TCEFF1	TS, EFFL	07/18/2012	N004	0.00 - 0.00	19.7				0.01	-
	mg/L	TCEFF1	TS, EFFL	08/17/2012	N001	0.00 - 0.00	14.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	08/17/2012	N002	0.00 - 0.00	14.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	08/17/2012	N003	0.00 - 0.00	15.7				0.01	-
	mg/L	TCEFF1	TS, EFFL	08/17/2012	N004	0.00 - 0.00	14.7				0.01	-
	mg/L	TCEFF1	TS, EFFL	09/11/2012	N001	0.00 - 0.00	19.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	09/11/2012	N002	0.00 - 0.00	20.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	09/11/2012	N003	0.00 - 0.00	20.0				0.01	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Iron	mg/L	TCEFF1	TS, EFFL	09/11/2012	N004	0.00 - 0.00	20.9				0.01	-
	mg/L	TCEFF1	TS, EFFL	10/16/2012	N001	0.00 - 0.00	19.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	10/16/2012	N002	0.00 - 0.00	20.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	10/16/2012	N003	0.00 - 0.00	20.5				0.01	-
	mg/L	TCEFF1	TS, EFFL	10/16/2012	N004	0.00 - 0.00	21.1				0.01	-
	mg/L	TCEFF1	TS, EFFL	11/19/2012	N001	0.00 - 0.00	44.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	11/19/2012	N002	0.00 - 0.00	42.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	11/19/2012	N003	0.00 - 0.00	45.6				0.01	-
	mg/L	TCEFF1	TS, EFFL	11/19/2012	N004	0.00 - 0.00	44.9				0.01	-
	mg/L	TCEFF1	TS, EFFL	12/17/2012	N001	0.00 - 0.00	26.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	12/17/2012	N002	0.00 - 0.00	25.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	12/17/2012	N003	0.00 - 0.00	24.7				0.01	-
	mg/L	TCEFF1	TS, EFFL	12/17/2012	N004	0.00 - 0.00	24.9				0.01	-
	mg/L	TCEFF1	TS, EFFL	01/23/2013	N001	0.00 - 0.00	20.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	01/23/2013	N002	0.00 - 0.00	20.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	01/23/2013	N003	0.00 - 0.00	22.2				0.01	-
	mg/L	TCEFF1	TS, EFFL	01/23/2013	N004	0.00 - 0.00	23.1				0.01	-
	mg/L	TCEFF1	TS, EFFL	02/21/2013	N001	0.00 - 0.00	16.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	02/21/2013	N002	0.00 - 0.00	16.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	02/21/2013	N003	0.00 - 0.00	17.1				0.01	-
	mg/L	TCEFF1	TS, EFFL	02/21/2013	N004	0.00 - 0.00	17.2				0.01	-
	mg/L	TCEFF1	TS, EFFL	03/12/2013	N001	0.00 - 0.00	16.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	03/12/2013	N002	0.00 - 0.00	16.000			#	0.0049	-
	mg/L	TCEFF1	TS, EFFL	03/12/2013	N003	0.00 - 0.00	16.2				0.01	-
	mg/L	TCEFF1	TS, EFFL	03/12/2013	N004	0.00 - 0.00	16.8				0.01	-
	mg/L	TCEFF1	TS, EFFL	04/23/2013	N004	0.00 - 0.00	14.000			#	0.0049	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Iron	mg/L	TCEFF1	TS, EFFL	04/23/2013	N005	0.00 - 0.00	15.1				0.01	-
	mg/L	TCEFF2	TS, EFFL	05/23/2012	N001	0.00 - 0.00	21.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	05/23/2012	N002	0.00 - 0.00	22.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	05/23/2012	N003	0.00 - 0.00	24.0				0.01	-
	mg/L	TCEFF2	TS, EFFL	05/23/2012	N004	0.00 - 0.00	22.9				0.01	-
	mg/L	TCEFF2	TS, EFFL	06/20/2012	N001	0.00 - 0.00	15.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	06/20/2012	N002	0.00 - 0.00	14.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	06/20/2012	N003	0.00 - 0.00	16.4				0.01	-
	mg/L	TCEFF2	TS, EFFL	06/20/2012	N004	0.00 - 0.00	16.1				0.01	-
	mg/L	TCEFF2	TS, EFFL	07/18/2012	N001	0.00 - 0.00	17.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	07/18/2012	N002	0.00 - 0.00	17.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	07/18/2012	N003	0.00 - 0.00	17.3				0.01	-
	mg/L	TCEFF2	TS, EFFL	07/18/2012	N004	0.00 - 0.00	18.0				0.01	-
	mg/L	TCEFF2	TS, EFFL	08/17/2012	N001	0.00 - 0.00	16.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	08/17/2012	N002	0.00 - 0.00	17.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	08/17/2012	N003	0.00 - 0.00	17.6				0.01	-
	mg/L	TCEFF2	TS, EFFL	08/17/2012	N004	0.00 - 0.00	18.7				0.01	-
	mg/L	TCEFF2	TS, EFFL	09/11/2012	N001	0.00 - 0.00	18.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	09/11/2012	N002	0.00 - 0.00	18.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	09/11/2012	N003	0.00 - 0.00	18.9				0.01	-
	mg/L	TCEFF2	TS, EFFL	09/11/2012	N004	0.00 - 0.00	18.7				0.01	-
	mg/L	TCEFF2	TS, EFFL	10/16/2012	N001	0.00 - 0.00	14.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	10/16/2012	N002	0.00 - 0.00	16.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	10/16/2012	N003	0.00 - 0.00	15.6				0.01	-
	mg/L	TCEFF2	TS, EFFL	10/16/2012	N004	0.00 - 0.00	17.1				0.01	-
	mg/L	TCEFF2	TS, EFFL	11/19/2012	N001	0.00 - 0.00	41.000			#	0.0049	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Iron	mg/L	TCEFF2	TS, EFFL	11/19/2012	N002	0.00 - 0.00	39.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	11/19/2012	N003	0.00 - 0.00	43.4				0.01	-
	mg/L	TCEFF2	TS, EFFL	11/19/2012	N004	0.00 - 0.00	41.0				0.01	-
	mg/L	TCEFF2	TS, EFFL	12/17/2012	N001	0.00 - 0.00	23.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	12/17/2012	N002	0.00 - 0.00	24.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	12/17/2012	N003	0.00 - 0.00	20.6				0.01	-
	mg/L	TCEFF2	TS, EFFL	12/17/2012	N004	0.00 - 0.00	20.2				0.01	-
	mg/L	TCEFF2	TS, EFFL	01/23/2013	N001	0.00 - 0.00	14.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	01/23/2013	N002	0.00 - 0.00	14.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	01/23/2013	N003	0.00 - 0.00	16.6				0.01	-
	mg/L	TCEFF2	TS, EFFL	01/23/2013	N004	0.00 - 0.00	16.0				0.01	-
	mg/L	TCEFF2	TS, EFFL	02/21/2013	N001	0.00 - 0.00	11.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	02/21/2013	N002	0.00 - 0.00	12.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	02/21/2013	N003	0.00 - 0.00	12.4				0.01	-
	mg/L	TCEFF2	TS, EFFL	02/21/2013	N004	0.00 - 0.00	13.0				0.01	-
	mg/L	TCEFF2	TS, EFFL	03/12/2013	N001	0.00 - 0.00	12.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	03/12/2013	N002	0.00 - 0.00	10.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	03/12/2013	N003	0.00 - 0.00	12.5				0.01	-
	mg/L	TCEFF2	TS, EFFL	03/12/2013	N004	0.00 - 0.00	11.2				0.01	-
	mg/L	TCEFF2	TS, EFFL	04/23/2013	N004	0.00 - 0.00	11.000			#	0.0049	-
	mg/L	TCEFF2	TS, EFFL	04/23/2013	N005	0.00 - 0.00	11.1				0.01	-
	mg/L	TCINF	TS, INFL	05/23/2012	N001	0.00 - 0.00	0.0049	U		#	0.0049	-
	mg/L	TCINF	TS, INFL	05/23/2012	N002	0.00 - 0.00	0.0049	U		#	0.0049	-
	mg/L	TCINF	TS, INFL	05/23/2012	N003	0.00 - 0.00	0.017				0.01	-
	mg/L	TCINF	TS, INFL	05/23/2012	N004	0.00 - 0.00	0.027				0.01	-
	mg/L	TCINF	TS, INFL	06/20/2012	N001	0.00 - 0.00	0.0049	U		#	0.0049	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Iron	mg/L	TCINF	TS, INFL	06/20/2012	N003	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCINF	TS, INFL	07/18/2012	N001	0.00 - 0.00	0.0049	U		#	0.0049	-
	mg/L	TCINF	TS, INFL	07/18/2012	N003	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCINF	TS, INFL	08/17/2012	N001	0.00 - 0.00	0.0049	U		#	0.0049	-
	mg/L	TCINF	TS, INFL	08/17/2012	N002	0.00 - 0.00	0.0049	U		#	0.0049	-
	mg/L	TCINF	TS, INFL	08/17/2012	N003	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCINF	TS, INFL	08/17/2012	N004	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCINF	TS, INFL	09/11/2012	N001	0.00 - 0.00	0.0049	U		#	0.0049	-
	mg/L	TCINF	TS, INFL	09/11/2012	N003	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCINF	TS, INFL	10/16/2012	N001	0.00 - 0.00	0.069	B	U	#	0.0049	-
	mg/L	TCINF	TS, INFL	10/16/2012	N002	0.00 - 0.00	0.0049	B	U	#	0.0049	-
	mg/L	TCINF	TS, INFL	10/16/2012	N003	0.00 - 0.00	0.045				0.01	-
	mg/L	TCINF	TS, INFL	11/19/2012	N001	0.00 - 0.00	0.0049	U		#	0.0049	-
	mg/L	TCINF	TS, INFL	11/19/2012	N002	0.00 - 0.00	0.0049	U		#	0.0049	-
	mg/L	TCINF	TS, INFL	11/19/2012	N003	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCINF	TS, INFL	11/19/2012	N004	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCINF	TS, INFL	12/17/2012	N001	0.00 - 0.00	0.0049	U		#	0.0049	-
	mg/L	TCINF	TS, INFL	12/17/2012	N002	0.00 - 0.00	0.0049	U		#	0.0049	-
	mg/L	TCINF	TS, INFL	12/17/2012	N003	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCINF	TS, INFL	12/17/2012	N004	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCINF	TS, INFL	01/23/2013	N001	0.00 - 0.00	0.0049	U		#	0.0049	-
	mg/L	TCINF	TS, INFL	01/23/2013	N002	0.00 - 0.00	0.0049	B	U	#	0.0049	-
	mg/L	TCINF	TS, INFL	01/23/2013	N003	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCINF	TS, INFL	01/23/2013	N004	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCINF	TS, INFL	02/21/2013	N001	0.00 - 0.00	0.0049	U		#	0.0049	-
	mg/L	TCINF	TS, INFL	02/21/2013	N002	0.00 - 0.00	0.0049	U		#	0.0049	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Iron	mg/L	TCINF	TS, INFL	02/21/2013	N003	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCINF	TS, INFL	02/21/2013	N004	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCINF	TS, INFL	03/12/2013	N001	0.00 - 0.00	0.0049	U		#	0.0049	-
	mg/L	TCINF	TS, INFL	03/12/2013	N003	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCINF	TS, INFL	04/23/2013	N001	0.00 - 0.00	0.0049	U		#	0.0049	-
	mg/L	TCINF	TS, INFL	04/23/2013	N002	0.00 - 0.00	0.0049	U		#	0.0049	-
	mg/L	TCINF	TS, INFL	04/23/2013	N003	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCINF	TS, INFL	04/23/2013	N004	0.00 - 0.00	0.01	U			0.01	-
	mg/L	TCOUT	TS, EFFL	05/23/2012	N001	0.00 - 0.00	17.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	05/23/2012	N002	0.00 - 0.00	21.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	05/23/2012	N003	0.00 - 0.00	22.8				0.01	-
	mg/L	TCOUT	TS, EFFL	05/23/2012	N004	0.00 - 0.00	19.3				0.01	-
	mg/L	TCOUT	TS, EFFL	06/20/2012	N001	0.00 - 0.00	13.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	06/20/2012	N002	0.00 - 0.00	13.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	06/20/2012	N003	0.00 - 0.00	14.6				0.01	-
	mg/L	TCOUT	TS, EFFL	06/20/2012	N004	0.00 - 0.00	14.4				0.01	-
	mg/L	TCOUT	TS, EFFL	07/18/2012	N001	0.00 - 0.00	14.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	07/18/2012	N002	0.00 - 0.00	13.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	07/18/2012	N003	0.00 - 0.00	14.9				0.01	-
	mg/L	TCOUT	TS, EFFL	07/18/2012	N004	0.00 - 0.00	14.4				0.01	-
	mg/L	TCOUT	TS, EFFL	08/17/2012	N001	0.00 - 0.00	12.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	08/17/2012	N002	0.00 - 0.00	13.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	08/17/2012	N003	0.00 - 0.00	14.1				0.01	-
	mg/L	TCOUT	TS, EFFL	08/17/2012	N004	0.00 - 0.00	13.4				0.01	-
	mg/L	TCOUT	TS, EFFL	09/11/2012	N001	0.00 - 0.00	13.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	09/11/2012	N002	0.00 - 0.00	12.000			#	0.0049	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Iron	mg/L	TCOUT	TS, EFFL	09/11/2012	N003	0.00 - 0.00	13.7				0.01	-
	mg/L	TCOUT	TS, EFFL	09/11/2012	N004	0.00 - 0.00	12.9				0.01	-
	mg/L	TCOUT	TS, EFFL	10/16/2012	N001	0.00 - 0.00	13.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	10/16/2012	N002	0.00 - 0.00	12.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	10/16/2012	N003	0.00 - 0.00	13.8				0.01	-
	mg/L	TCOUT	TS, EFFL	10/16/2012	N004	0.00 - 0.00	13.3				0.01	-
	mg/L	TCOUT	TS, EFFL	11/19/2012	N001	0.00 - 0.00	42.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	11/19/2012	N002	0.00 - 0.00	38.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	11/19/2012	N003	0.00 - 0.00	44.3				0.01	-
	mg/L	TCOUT	TS, EFFL	11/19/2012	N004	0.00 - 0.00	40.4				0.01	-
	mg/L	TCOUT	TS, EFFL	12/17/2012	N001	0.00 - 0.00	24.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	12/17/2012	N002	0.00 - 0.00	22.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	12/17/2012	N003	0.00 - 0.00	23.7				0.01	-
	mg/L	TCOUT	TS, EFFL	12/17/2012	N004	0.00 - 0.00	22.0				0.01	-
	mg/L	TCOUT	TS, EFFL	01/23/2013	N001	0.00 - 0.00	17.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	01/23/2013	N002	0.00 - 0.00	17.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	01/23/2013	N003	0.00 - 0.00	19.4				0.01	-
	mg/L	TCOUT	TS, EFFL	01/23/2013	N004	0.00 - 0.00	19.5				0.01	-
	mg/L	TCOUT	TS, EFFL	02/21/2013	N001	0.00 - 0.00	14.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	02/21/2013	N002	0.00 - 0.00	14.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	02/21/2013	N003	0.00 - 0.00	15.1				0.01	-
	mg/L	TCOUT	TS, EFFL	02/21/2013	N004	0.00 - 0.00	15.4				0.01	-
	mg/L	TCOUT	TS, EFFL	03/12/2013	N001	0.00 - 0.00	13.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	03/12/2013	N002	0.00 - 0.00	13.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	03/12/2013	N003	0.00 - 0.00	14.6				0.01	-
	mg/L	TCOUT	TS, EFFL	03/12/2013	N004	0.00 - 0.00	14.2				0.01	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Iron	mg/L	TCOUT	TS, EFFL	04/23/2013	N004	0.00 - 0.00	13.000			#	0.0049	-
	mg/L	TCOUT	TS, EFFL	04/23/2013	N005	0.00 - 0.00	12.9				0.01	-
Oxidation Reduction Potential	mV	TCEFF1	TS, EFFL	05/23/2012	N005	0.00 - 0.00	-153.4			#	-	-
	mV	TCEFF1	TS, EFFL	06/20/2012	N001	0.00 - 0.00	-127.3			#	-	-
	mV	TCEFF1	TS, EFFL	07/18/2012	N001	0.00 - 0.00	-140			#	-	-
	mV	TCEFF1	TS, EFFL	08/17/2012	N005	0.00 - 0.00	-126			#	-	-
	mV	TCEFF1	TS, EFFL	09/11/2012	N001	0.00 - 0.00	-20.6			#	-	-
	mV	TCEFF1	TS, EFFL	10/16/2012	N001	0.00 - 0.00	-136.6			#	-	-
	mV	TCEFF1	TS, EFFL	11/19/2012	N001	0.00 - 0.00	-182			#	-	-
	mV	TCEFF1	TS, EFFL	12/17/2012	N001	0.00 - 0.00	-121			#	-	-
	mV	TCEFF1	TS, EFFL	01/23/2013	N001	0.00 - 0.00	-113			#	-	-
	mV	TCEFF1	TS, EFFL	02/21/2013	N001	0.00 - 0.00	-81.5			#	-	-
	mV	TCEFF1	TS, EFFL	03/12/2013	N001	0.00 - 0.00	-122			#	-	-
	mV	TCEFF1	TS, EFFL	04/23/2013	N001	0.00 - 0.00	-51.9			#	-	-
	mV	TCEFF2	TS, EFFL	05/23/2012	N005	0.00 - 0.00	-149.1			#	-	-
	mV	TCEFF2	TS, EFFL	06/20/2012	N001	0.00 - 0.00	-114.0			#	-	-
	mV	TCEFF2	TS, EFFL	07/18/2012	N001	0.00 - 0.00	-117			#	-	-
	mV	TCEFF2	TS, EFFL	08/17/2012	N005	0.00 - 0.00	-134			#	-	-
	mV	TCEFF2	TS, EFFL	09/11/2012	N001	0.00 - 0.00	-18			#	-	-
	mV	TCEFF2	TS, EFFL	10/16/2012	N001	0.00 - 0.00	-164.7			#	-	-
	mV	TCEFF2	TS, EFFL	11/19/2012	N001	0.00 - 0.00	-177			#	-	-
	mV	TCEFF2	TS, EFFL	12/17/2012	N001	0.00 - 0.00	-103			#	-	-
	mV	TCEFF2	TS, EFFL	01/23/2013	N001	0.00 - 0.00	-79.1			#	-	-
	mV	TCEFF2	TS, EFFL	02/21/2013	N001	0.00 - 0.00	-108.7			#	-	-
	mV	TCEFF2	TS, EFFL	03/12/2013	N001	0.00 - 0.00	-121			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Oxidation Reduction Potential	mV	TCEFF2	TS, EFFL	04/23/2013	N001	0.00 - 0.00	-45.0			#	-	-
	mV	TCINF	TS, INFL	05/23/2012	N001	0.00 - 0.00	7.8			#	-	-
	mV	TCINF	TS, INFL	06/20/2012	N001	0.00 - 0.00	41.6			#	-	-
	mV	TCINF	TS, INFL	07/18/2012	N001	0.00 - 0.00	20			#	-	-
	mV	TCINF	TS, INFL	08/17/2012	N001	0.00 - 0.00	-77			#	-	-
	mV	TCINF	TS, INFL	09/11/2012	N001	0.00 - 0.00	-88			#	-	-
	mV	TCINF	TS, INFL	10/16/2012	N001	0.00 - 0.00	47.8			#	-	-
	mV	TCINF	TS, INFL	11/19/2012	N001	0.00 - 0.00	-55			#	-	-
	mV	TCINF	TS, INFL	12/17/2012	N001	0.00 - 0.00	-5			#	-	-
	mV	TCINF	TS, INFL	01/23/2013	N001	0.00 - 0.00	-2.9			#	-	-
	mV	TCINF	TS, INFL	02/21/2013	N001	0.00 - 0.00	-59.8			#	-	-
	mV	TCINF	TS, INFL	03/12/2013	N001	0.00 - 0.00	-11			#	-	-
	mV	TCINF	TS, INFL	04/23/2013	N001	0.00 - 0.00	8.1			#	-	-
	mV	TCOUT	TS, EFFL	05/23/2012	N005	0.00 - 0.00	-163			#	-	-
	mV	TCOUT	TS, EFFL	06/20/2012	N001	0.00 - 0.00	-105.6			#	-	-
	mV	TCOUT	TS, EFFL	07/18/2012	N001	0.00 - 0.00	-83			#	-	-
	mV	TCOUT	TS, EFFL	08/17/2012	N005	0.00 - 0.00	-101			#	-	-
	mV	TCOUT	TS, EFFL	09/11/2012	N001	0.00 - 0.00	-84			#	-	-
	mV	TCOUT	TS, EFFL	10/16/2012	N001	0.00 - 0.00	-92.5			#	-	-
	mV	TCOUT	TS, EFFL	11/19/2012	N001	0.00 - 0.00	-127			#	-	-
	mV	TCOUT	TS, EFFL	12/17/2012	N001	0.00 - 0.00	-98			#	-	-
	mV	TCOUT	TS, EFFL	01/23/2013	N001	0.00 - 0.00	-74.7			#	-	-
	mV	TCOUT	TS, EFFL	02/21/2013	N001	0.00 - 0.00	-54.8			#	-	-
	mV	TCOUT	TS, EFFL	03/12/2013	N001	0.00 - 0.00	-96			#	-	-
	mV	TCOUT	TS, EFFL	04/23/2013	N001	0.00 - 0.00	-40.0			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
pH	s.u.	TCEFF1	TS, EFFL	05/23/2012	N005	0.00 - 0.00	7.24			#	-	-
	s.u.	TCEFF1	TS, EFFL	06/20/2012	N001	0.00 - 0.00	6.98			#	-	-
	s.u.	TCEFF1	TS, EFFL	07/18/2012	N001	0.00 - 0.00	6.97			#	-	-
	s.u.	TCEFF1	TS, EFFL	08/17/2012	N005	0.00 - 0.00	6.92			#	-	-
	s.u.	TCEFF1	TS, EFFL	09/11/2012	N001	0.00 - 0.00	7.13			#	-	-
	s.u.	TCEFF1	TS, EFFL	10/16/2012	N001	0.00 - 0.00	7.15			#	-	-
	s.u.	TCEFF1	TS, EFFL	11/19/2012	N001	0.00 - 0.00	7.18			#	-	-
	s.u.	TCEFF1	TS, EFFL	12/17/2012	N001	0.00 - 0.00	6.92			#	-	-
	s.u.	TCEFF1	TS, EFFL	01/23/2013	N001	0.00 - 0.00	7.17			#	-	-
	s.u.	TCEFF1	TS, EFFL	02/21/2013	N001	0.00 - 0.00	7.22			#	-	-
	s.u.	TCEFF1	TS, EFFL	03/12/2013	N001	0.00 - 0.00	7.20			#	-	-
	s.u.	TCEFF1	TS, EFFL	04/23/2013	N001	0.00 - 0.00	7.28			#	-	-
	s.u.	TCEFF2	TS, EFFL	05/23/2012	N005	0.00 - 0.00	7.25			#	-	-
	s.u.	TCEFF2	TS, EFFL	06/20/2012	N001	0.00 - 0.00	6.96			#	-	-
	s.u.	TCEFF2	TS, EFFL	07/18/2012	N001	0.00 - 0.00	6.95			#	-	-
	s.u.	TCEFF2	TS, EFFL	08/17/2012	N005	0.00 - 0.00	6.96			#	-	-
	s.u.	TCEFF2	TS, EFFL	09/11/2012	N001	0.00 - 0.00	7.09			#	-	-
	s.u.	TCEFF2	TS, EFFL	10/16/2012	N001	0.00 - 0.00	7.20			#	-	-
	s.u.	TCEFF2	TS, EFFL	11/19/2012	N001	0.00 - 0.00	7.30			#	-	-
	s.u.	TCEFF2	TS, EFFL	12/17/2012	N001	0.00 - 0.00	6.91			#	-	-
	s.u.	TCEFF2	TS, EFFL	01/23/2013	N001	0.00 - 0.00	7.07			#	-	-
	s.u.	TCEFF2	TS, EFFL	02/21/2013	N001	0.00 - 0.00	7.14			#	-	-
	s.u.	TCEFF2	TS, EFFL	03/12/2013	N001	0.00 - 0.00	7.09			#	-	-
	s.u.	TCEFF2	TS, EFFL	04/23/2013	N001	0.00 - 0.00	7.22			#	-	-
	s.u.	TCINF	TS, INFL	05/23/2012	N001	0.00 - 0.00	6.84			#	-	-
	s.u.	TCINF	TS, INFL	06/20/2012	N001	0.00 - 0.00	6.75			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
pH	s.u.	TCINF	TS, INFL	07/18/2012	N001	0.00 - 0.00	6.74			#	-	-
	s.u.	TCINF	TS, INFL	08/17/2012	N001	0.00 - 0.00	6.65			#	-	-
	s.u.	TCINF	TS, INFL	09/11/2012	N001	0.00 - 0.00	6.93			#	-	-
	s.u.	TCINF	TS, INFL	10/16/2012	N001	0.00 - 0.00	6.93			#	-	-
	s.u.	TCINF	TS, INFL	11/19/2012	N001	0.00 - 0.00	6.85			#	-	-
	s.u.	TCINF	TS, INFL	12/17/2012	N001	0.00 - 0.00	6.56			#	-	-
	s.u.	TCINF	TS, INFL	01/23/2013	N001	0.00 - 0.00	6.83			#	-	-
	s.u.	TCINF	TS, INFL	02/21/2013	N001	0.00 - 0.00	7.03			#	-	-
	s.u.	TCINF	TS, INFL	03/12/2013	N001	0.00 - 0.00	6.88			#	-	-
	s.u.	TCINF	TS, INFL	04/23/2013	N001	0.00 - 0.00	6.85			#	-	-
	s.u.	TCOUT	TS, EFFL	05/23/2012	N005	0.00 - 0.00	7.39			#	-	-
	s.u.	TCOUT	TS, EFFL	06/20/2012	N001	0.00 - 0.00	7.05			#	-	-
	s.u.	TCOUT	TS, EFFL	07/18/2012	N001	0.00 - 0.00	6.90			#	-	-
	s.u.	TCOUT	TS, EFFL	08/17/2012	N005	0.00 - 0.00	7.04			#	-	-
	s.u.	TCOUT	TS, EFFL	09/11/2012	N001	0.00 - 0.00	7.05			#	-	-
	s.u.	TCOUT	TS, EFFL	10/16/2012	N001	0.00 - 0.00	7.09			#	-	-
	s.u.	TCOUT	TS, EFFL	11/19/2012	N001	0.00 - 0.00	7.14			#	-	-
	s.u.	TCOUT	TS, EFFL	12/17/2012	N001	0.00 - 0.00	6.79			#	-	-
	s.u.	TCOUT	TS, EFFL	01/23/2013	N001	0.00 - 0.00	7.13			#	-	-
	s.u.	TCOUT	TS, EFFL	02/21/2013	N001	0.00 - 0.00	7.22			#	-	-
	s.u.	TCOUT	TS, EFFL	03/12/2013	N001	0.00 - 0.00	7.21			#	-	-
	s.u.	TCOUT	TS, EFFL	04/23/2013	N001	0.00 - 0.00	7.31			#	-	-
Specific Conductance	umhos/cm	TCEFF1	TS, EFFL	05/23/2012	N005	0.00 - 0.00	2275			#	-	-
	umhos/cm	TCEFF1	TS, EFFL	06/20/2012	N001	0.00 - 0.00	2275			#	-	-
	umhos/cm	TCEFF1	TS, EFFL	07/18/2012	N001	0.00 - 0.00	2295			#	-	-
	umhos/cm	TCEFF1	TS, EFFL	08/17/2012	N005	0.00 - 0.00	2290			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Specific Conductance	umhos/cm	TCEFF1	TS, EFFL	09/11/2012	N001	0.00 - 0.00	2282			#	-	-
	umhos/cm	TCEFF1	TS, EFFL	10/16/2012	N001	0.00 - 0.00	2181			#	-	-
	umhos/cm	TCEFF1	TS, EFFL	11/19/2012	N001	0.00 - 0.00	2181			#	-	-
	umhos/cm	TCEFF1	TS, EFFL	12/17/2012	N001	0.00 - 0.00	2146			#	-	-
	umhos/cm	TCEFF1	TS, EFFL	01/23/2013	N001	0.00 - 0.00	2040			#	-	-
	umhos/cm	TCEFF1	TS, EFFL	02/21/2013	N001	0.00 - 0.00	2174			#	-	-
	umhos/cm	TCEFF1	TS, EFFL	03/12/2013	N001	0.00 - 0.00	2257			#	-	-
	umhos/cm	TCEFF1	TS, EFFL	04/23/2013	N001	0.00 - 0.00	2147			#	-	-
	umhos/cm	TCEFF2	TS, EFFL	06/20/2012	N001	0.00 - 0.00	2277			#	-	-
	umhos/cm	TCEFF2	TS, EFFL	07/18/2012	N001	0.00 - 0.00	2322			#	-	-
	umhos/cm	TCEFF2	TS, EFFL	08/17/2012	N005	0.00 - 0.00	2284			#	-	-
	umhos/cm	TCEFF2	TS, EFFL	09/11/2012	N001	0.00 - 0.00	2283			#	-	-
	umhos/cm	TCEFF2	TS, EFFL	10/16/2012	N001	0.00 - 0.00	2184			#	-	-
	umhos/cm	TCEFF2	TS, EFFL	11/19/2012	N001	0.00 - 0.00	2144			#	-	-
	umhos/cm	TCEFF2	TS, EFFL	12/17/2012	N001	0.00 - 0.00	2104			#	-	-
	umhos/cm	TCEFF2	TS, EFFL	01/23/2013	N001	0.00 - 0.00	2046			#	-	-
	umhos/cm	TCEFF2	TS, EFFL	02/21/2013	N001	0.00 - 0.00	2174			#	-	-
	umhos/cm	TCEFF2	TS, EFFL	03/12/2013	N001	0.00 - 0.00	2248			#	-	-
	umhos/cm	TCEFF2	TS, EFFL	04/23/2013	N001	0.00 - 0.00	2131			#	-	-
	umhos/cm	TCINF	TS, INFL	05/23/2012	N001	0.00 - 0.00	2219			#	-	-
	umhos/cm	TCINF	TS, INFL	06/20/2012	N001	0.00 - 0.00	2261			#	-	-
	umhos/cm	TCINF	TS, INFL	07/18/2012	N001	0.00 - 0.00	2287			#	-	-
	umhos/cm	TCINF	TS, INFL	08/17/2012	N001	0.00 - 0.00	2241			#	-	-
	umhos/cm	TCINF	TS, INFL	09/11/2012	N001	0.00 - 0.00	2250			#	-	-
	umhos/cm	TCINF	TS, INFL	10/16/2012	N001	0.00 - 0.00	2162			#	-	-
	umhos/cm	TCINF	TS, INFL	11/19/2012	N001	0.00 - 0.00	2126			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Specific Conductance	umhos/cm	TCINF	TS, INFL	12/17/2012	N001	0.00 - 0.00	2122			#	-	-
	umhos/cm	TCINF	TS, INFL	01/23/2013	N001	0.00 - 0.00	2011			#	-	-
	umhos/cm	TCINF	TS, INFL	02/21/2013	N001	0.00 - 0.00	2137			#	-	-
	umhos/cm	TCINF	TS, INFL	03/12/2013	N001	0.00 - 0.00	2232			#	-	-
	umhos/cm	TCINF	TS, INFL	04/23/2013	N001	0.00 - 0.00	2078			#	-	-
	umhos/cm	TCOUT	TS, EFFL	06/20/2012	N001	0.00 - 0.00	2275			#	-	-
	umhos/cm	TCOUT	TS, EFFL	07/18/2012	N001	0.00 - 0.00	2272			#	-	-
	umhos/cm	TCOUT	TS, EFFL	08/17/2012	N005	0.00 - 0.00	2303			#	-	-
	umhos/cm	TCOUT	TS, EFFL	09/11/2012	N001	0.00 - 0.00	2271			#	-	-
	umhos/cm	TCOUT	TS, EFFL	10/16/2012	N001	0.00 - 0.00	2181			#	-	-
	umhos/cm	TCOUT	TS, EFFL	11/19/2012	N001	0.00 - 0.00	2096			#	-	-
	umhos/cm	TCOUT	TS, EFFL	12/17/2012	N001	0.00 - 0.00	2132			#	-	-
	umhos/cm	TCOUT	TS, EFFL	01/23/2013	N001	0.00 - 0.00	2030			#	-	-
	umhos/cm	TCOUT	TS, EFFL	02/21/2013	N001	0.00 - 0.00	2156			#	-	-
	umhos/cm	TCOUT	TS, EFFL	03/12/2013	N001	0.00 - 0.00	2251			#	-	-
	umhos/cm	TCOUT	TS, EFFL	04/23/2013	N001	0.00 - 0.00	2141			#	-	-
Temperature	C	TCEFF1	TS, EFFL	05/23/2012	N005	0.00 - 0.00	14.93			#	-	-
	C	TCEFF1	TS, EFFL	06/20/2012	N001	0.00 - 0.00	12.23			#	-	-
	C	TCEFF1	TS, EFFL	07/18/2012	N001	0.00 - 0.00	13.72			#	-	-
	C	TCEFF1	TS, EFFL	08/17/2012	N005	0.00 - 0.00	15.28			#	-	-
	C	TCEFF1	TS, EFFL	09/11/2012	N001	0.00 - 0.00	15.20			#	-	-
	C	TCEFF1	TS, EFFL	10/16/2012	N001	0.00 - 0.00	14.44			#	-	-
	C	TCEFF1	TS, EFFL	11/19/2012	N001	0.00 - 0.00	14.47			#	-	-
	C	TCEFF1	TS, EFFL	12/17/2012	N001	0.00 - 0.00	9.36			#	-	-
	C	TCEFF1	TS, EFFL	01/23/2013	N001	0.00 - 0.00	8.92			#	-	-
	C	TCEFF1	TS, EFFL	02/21/2013	N001	0.00 - 0.00	7.24			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	TCEFF1	TS, EFFL	03/12/2013	N001	0.00 - 0.00	8.02			#	-	-
	C	TCEFF1	TS, EFFL	04/23/2013	N001	0.00 - 0.00	11.30			#	-	-
	C	TCEFF2	TS, EFFL	05/23/2012	N005	0.00 - 0.00	11.26			#	-	-
	C	TCEFF2	TS, EFFL	06/20/2012	N001	0.00 - 0.00	12.43			#	-	-
	C	TCEFF2	TS, EFFL	07/18/2012	N001	0.00 - 0.00	14.6			#	-	-
	C	TCEFF2	TS, EFFL	08/17/2012	N005	0.00 - 0.00	14.90			#	-	-
	C	TCEFF2	TS, EFFL	09/11/2012	N001	0.00 - 0.00	15.00			#	-	-
	C	TCEFF2	TS, EFFL	10/16/2012	N001	0.00 - 0.00	14.53			#	-	-
	C	TCEFF2	TS, EFFL	11/19/2012	N001	0.00 - 0.00	13.82			#	-	-
	C	TCEFF2	TS, EFFL	12/17/2012	N001	0.00 - 0.00	9.66			#	-	-
	C	TCEFF2	TS, EFFL	01/23/2013	N001	0.00 - 0.00	8.70			#	-	-
	C	TCEFF2	TS, EFFL	02/21/2013	N001	0.00 - 0.00	7.74			#	-	-
	C	TCEFF2	TS, EFFL	03/12/2013	N001	0.00 - 0.00	7.97			#	-	-
	C	TCEFF2	TS, EFFL	04/23/2013	N001	0.00 - 0.00	10.44			#	-	-
	C	TCINF	TS, INFL	05/23/2012	N001	0.00 - 0.00	10.62			#	-	-
	C	TCINF	TS, INFL	06/20/2012	N001	0.00 - 0.00	12.30			#	-	-
	C	TCINF	TS, INFL	07/18/2012	N001	0.00 - 0.00	13.56			#	-	-
	C	TCINF	TS, INFL	08/17/2012	N001	0.00 - 0.00	13.56			#	-	-
	C	TCINF	TS, INFL	09/11/2012	N001	0.00 - 0.00	14.41			#	-	-
	C	TCINF	TS, INFL	10/16/2012	N001	0.00 - 0.00	15.29			#	-	-
	C	TCINF	TS, INFL	11/19/2012	N001	0.00 - 0.00	13.33			#	-	-
	C	TCINF	TS, INFL	12/17/2012	N001	0.00 - 0.00	9.40			#	-	-
	C	TCINF	TS, INFL	01/23/2013	N001	0.00 - 0.00	9.10			#	-	-
	C	TCINF	TS, INFL	02/21/2013	N001	0.00 - 0.00	7.82			#	-	-
	C	TCINF	TS, INFL	03/12/2013	N001	0.00 - 0.00	8.16			#	-	-
	C	TCINF	TS, INFL	04/23/2013	N001	0.00 - 0.00	8.74			#	-	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	TCOUT	TS, EFFL	05/23/2012	N005	0.00 - 0.00	11.59			#	-	-
	C	TCOUT	TS, EFFL	06/20/2012	N001	0.00 - 0.00	14.12			#	-	-
	C	TCOUT	TS, EFFL	07/18/2012	N001	0.00 - 0.00	14.5			#	-	-
	C	TCOUT	TS, EFFL	08/17/2012	N005	0.00 - 0.00	14.58			#	-	-
	C	TCOUT	TS, EFFL	09/11/2012	N001	0.00 - 0.00	15.57			#	-	-
	C	TCOUT	TS, EFFL	10/16/2012	N001	0.00 - 0.00	14.49			#	-	-
	C	TCOUT	TS, EFFL	11/19/2012	N001	0.00 - 0.00	12.89			#	-	-
	C	TCOUT	TS, EFFL	12/17/2012	N001	0.00 - 0.00	9.75			#	-	-
	C	TCOUT	TS, EFFL	01/23/2013	N001	0.00 - 0.00	8.60			#	-	-
	C	TCOUT	TS, EFFL	02/21/2013	N001	0.00 - 0.00	7.71			#	-	-
	C	TCOUT	TS, EFFL	03/12/2013	N001	0.00 - 0.00	7.99			#	-	-
	C	TCOUT	TS, EFFL	04/23/2013	N001	0.00 - 0.00	10.06			#	-	-
Turbidity	NTU	TCEFF1	TS, EFFL	05/23/2012	N005	0.00 - 0.00	19.5			#	-	-
	NTU	TCEFF1	TS, EFFL	10/16/2012	N001	0.00 - 0.00	9.16			#	-	-
	NTU	TCEFF2	TS, EFFL	05/23/2012	N005	0.00 - 0.00	19.6			#	-	-
	NTU	TCEFF2	TS, EFFL	10/16/2012	N001	0.00 - 0.00	10.0			#	-	-
	NTU	TCINF	TS, INFL	05/23/2012	N001	0.00 - 0.00	3.4			#	-	-
	NTU	TCINF	TS, INFL	10/16/2012	N001	0.00 - 0.00	2.32			#	-	-
	NTU	TCOUT	TS, EFFL	05/23/2012	N005	0.00 - 0.00	10.7			#	-	-
	NTU	TCOUT	TS, EFFL	10/16/2012	N001	0.00 - 0.00	16.8			#	-	-
Uranium	mg/L	TCEFF1	TS, EFFL	05/23/2012	N001	0.00 - 0.00	0.062			#	0.00015	-
	mg/L	TCEFF1	TS, EFFL	05/23/2012	N002	0.00 - 0.00	0.064			#	0.00015	-
	mg/L	TCEFF1	TS, EFFL	05/23/2012	N003	0.00 - 0.00	0.0735				0.0002	-
	mg/L	TCEFF1	TS, EFFL	05/23/2012	N004	0.00 - 0.00	0.0711				0.0002	-
	mg/L	TCEFF1	TS, EFFL	06/20/2012	N001	0.00 - 0.00	0.082			#	2.9E-05	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	TCEFF1	TS, EFFL	06/20/2012	N002	0.00 - 0.00	0.074			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	06/20/2012	N003	0.00 - 0.00	0.0853				0.0002	-
	mg/L	TCEFF1	TS, EFFL	06/20/2012	N004	0.00 - 0.00	0.0800				0.0002	-
	mg/L	TCEFF1	TS, EFFL	07/18/2012	N001	0.00 - 0.00	0.059			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	07/18/2012	N002	0.00 - 0.00	0.052			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	07/18/2012	N003	0.00 - 0.00	0.0634				0.0002	-
	mg/L	TCEFF1	TS, EFFL	07/18/2012	N004	0.00 - 0.00	0.0574				0.0002	-
	mg/L	TCEFF1	TS, EFFL	08/17/2012	N001	0.00 - 0.00	0.120			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	08/17/2012	N002	0.00 - 0.00	0.120			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	08/17/2012	N003	0.00 - 0.00	0.1365				0.0002	-
	mg/L	TCEFF1	TS, EFFL	08/17/2012	N004	0.00 - 0.00	0.1444				0.0002	-
	mg/L	TCEFF1	TS, EFFL	09/11/2012	N001	0.00 - 0.00	0.083			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	09/11/2012	N002	0.00 - 0.00	0.070			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	09/11/2012	N003	0.00 - 0.00	0.0894				0.0002	-
	mg/L	TCEFF1	TS, EFFL	09/11/2012	N004	0.00 - 0.00	0.0801				0.0002	-
	mg/L	TCEFF1	TS, EFFL	10/16/2012	N001	0.00 - 0.00	0.100			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	10/16/2012	N002	0.00 - 0.00	0.110			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	10/16/2012	N003	0.00 - 0.00	0.1251				0.0002	-
	mg/L	TCEFF1	TS, EFFL	10/16/2012	N004	0.00 - 0.00	0.1199				0.0002	-
	mg/L	TCEFF1	TS, EFFL	11/19/2012	N001	0.00 - 0.00	0.0021			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	11/19/2012	N002	0.00 - 0.00	0.0022			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	11/19/2012	N003	0.00 - 0.00	0.002	U			0.0002	-
	mg/L	TCEFF1	TS, EFFL	11/19/2012	N004	0.00 - 0.00	0.002	U			0.0002	-
	mg/L	TCEFF1	TS, EFFL	12/17/2012	N001	0.00 - 0.00	0.0028			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	12/17/2012	N002	0.00 - 0.00	0.0029			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	12/17/2012	N003	0.00 - 0.00	0.0031				0.0002	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	TCEFF1	TS, EFFL	12/17/2012	N004	0.00 - 0.00	0.0028				0.0002	-
	mg/L	TCEFF1	TS, EFFL	01/23/2013	N001	0.00 - 0.00	0.0032			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	01/23/2013	N002	0.00 - 0.00	0.0039			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	01/23/2013	N003	0.00 - 0.00	0.0009				0.0002	-
	mg/L	TCEFF1	TS, EFFL	01/23/2013	N004	0.00 - 0.00	0.002	U			0.0002	-
	mg/L	TCEFF1	TS, EFFL	02/21/2013	N001	0.00 - 0.00	0.0051			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	02/21/2013	N002	0.00 - 0.00	0.0051			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	02/21/2013	N003	0.00 - 0.00	0.0058				0.0002	-
	mg/L	TCEFF1	TS, EFFL	02/21/2013	N004	0.00 - 0.00	0.0062				0.0002	-
	mg/L	TCEFF1	TS, EFFL	03/12/2013	N001	0.00 - 0.00	0.0054			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	03/12/2013	N002	0.00 - 0.00	0.0059			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	03/12/2013	N003	0.00 - 0.00	0.0062				0.0002	-
	mg/L	TCEFF1	TS, EFFL	03/12/2013	N004	0.00 - 0.00	0.0066				0.0002	-
	mg/L	TCEFF1	TS, EFFL	04/23/2013	N004	0.00 - 0.00	0.0074			#	2.9E-05	-
	mg/L	TCEFF1	TS, EFFL	04/23/2013	N005	0.00 - 0.00	0.0067				0.0002	-
	mg/L	TCEFF2	TS, EFFL	05/23/2012	N001	0.00 - 0.00	0.052			#	0.00015	-
	mg/L	TCEFF2	TS, EFFL	05/23/2012	N002	0.00 - 0.00	0.053			#	0.00015	-
	mg/L	TCEFF2	TS, EFFL	05/23/2012	N003	0.00 - 0.00	0.0569				0.0002	-
	mg/L	TCEFF2	TS, EFFL	05/23/2012	N004	0.00 - 0.00	0.0579				0.0002	-
	mg/L	TCEFF2	TS, EFFL	06/20/2012	N001	0.00 - 0.00	0.073			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	06/20/2012	N002	0.00 - 0.00	0.077			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	06/20/2012	N003	0.00 - 0.00	0.0763				0.0002	-
	mg/L	TCEFF2	TS, EFFL	06/20/2012	N004	0.00 - 0.00	0.0849				0.0002	-
	mg/L	TCEFF2	TS, EFFL	07/18/2012	N001	0.00 - 0.00	0.072			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	07/18/2012	N002	0.00 - 0.00	0.064			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	07/18/2012	N003	0.00 - 0.00	0.0788				0.0002	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	TCEFF2	TS, EFFL	07/18/2012	N004	0.00 - 0.00	0.0709				0.0002	-
	mg/L	TCEFF2	TS, EFFL	08/17/2012	N001	0.00 - 0.00	0.053			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	08/17/2012	N002	0.00 - 0.00	0.049			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	08/17/2012	N003	0.00 - 0.00	0.0622				0.0002	-
	mg/L	TCEFF2	TS, EFFL	08/17/2012	N004	0.00 - 0.00	0.0569				0.0002	-
	mg/L	TCEFF2	TS, EFFL	09/11/2012	N001	0.00 - 0.00	0.054			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	09/11/2012	N002	0.00 - 0.00	0.052			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	09/11/2012	N003	0.00 - 0.00	0.0547				0.0002	-
	mg/L	TCEFF2	TS, EFFL	09/11/2012	N004	0.00 - 0.00	0.0546				0.0002	-
	mg/L	TCEFF2	TS, EFFL	10/16/2012	N001	0.00 - 0.00	0.140			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	10/16/2012	N002	0.00 - 0.00	0.130			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	10/16/2012	N003	0.00 - 0.00	0.1557				0.0002	-
	mg/L	TCEFF2	TS, EFFL	10/16/2012	N004	0.00 - 0.00	0.1456				0.0002	-
	mg/L	TCEFF2	TS, EFFL	11/19/2012	N001	0.00 - 0.00	0.0061			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	11/19/2012	N002	0.00 - 0.00	0.0061			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	11/19/2012	N003	0.00 - 0.00	0.002	U			0.0002	-
	mg/L	TCEFF2	TS, EFFL	11/19/2012	N004	0.00 - 0.00	0.0030				0.0002	-
	mg/L	TCEFF2	TS, EFFL	12/17/2012	N001	0.00 - 0.00	0.017			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	12/17/2012	N002	0.00 - 0.00	0.015			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	12/17/2012	N003	0.00 - 0.00	0.0198				0.0002	-
	mg/L	TCEFF2	TS, EFFL	12/17/2012	N004	0.00 - 0.00	0.0167				0.0002	-
	mg/L	TCEFF2	TS, EFFL	01/23/2013	N001	0.00 - 0.00	0.012			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	01/23/2013	N002	0.00 - 0.00	0.013			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	01/23/2013	N003	0.00 - 0.00	0.0147				0.0002	-
	mg/L	TCEFF2	TS, EFFL	01/23/2013	N004	0.00 - 0.00	0.0164				0.0002	-
	mg/L	TCEFF2	TS, EFFL	02/21/2013	N001	0.00 - 0.00	0.020			#	2.9E-05	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	TCEFF2	TS, EFFL	02/21/2013	N002	0.00 - 0.00	0.014			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	02/21/2013	N003	0.00 - 0.00	0.0230				0.0002	-
	mg/L	TCEFF2	TS, EFFL	02/21/2013	N004	0.00 - 0.00	0.0175				0.0002	-
	mg/L	TCEFF2	TS, EFFL	03/12/2013	N001	0.00 - 0.00	0.017			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	03/12/2013	N002	0.00 - 0.00	0.023			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	03/12/2013	N003	0.00 - 0.00	0.0193				0.0002	-
	mg/L	TCEFF2	TS, EFFL	03/12/2013	N004	0.00 - 0.00	0.0245				0.0002	-
	mg/L	TCEFF2	TS, EFFL	04/23/2013	N004	0.00 - 0.00	0.032			#	2.9E-05	-
	mg/L	TCEFF2	TS, EFFL	04/23/2013	N005	0.00 - 0.00	0.0344				0.0002	-
	mg/L	TCINF	TS, INFL	05/23/2012	N001	0.00 - 0.00	0.280			#	0.00029	-
	mg/L	TCINF	TS, INFL	05/23/2012	N002	0.00 - 0.00	0.270			#	0.00029	-
	mg/L	TCINF	TS, INFL	05/23/2012	N003	0.00 - 0.00	0.2722				0.0002	-
	mg/L	TCINF	TS, INFL	05/23/2012	N004	0.00 - 0.00	0.2872				0.0002	-
	mg/L	TCINF	TS, INFL	06/20/2012	N001	0.00 - 0.00	0.320			#	2.9E-05	-
	mg/L	TCINF	TS, INFL	06/20/2012	N003	0.00 - 0.00	0.3226				0.0002	-
	mg/L	TCINF	TS, INFL	07/18/2012	N001	0.00 - 0.00	0.330			#	2.9E-05	-
	mg/L	TCINF	TS, INFL	07/18/2012	N003	0.00 - 0.00	0.3464				0.0002	-
	mg/L	TCINF	TS, INFL	08/17/2012	N001	0.00 - 0.00	0.320			#	2.9E-05	-
	mg/L	TCINF	TS, INFL	08/17/2012	N002	0.00 - 0.00	0.310			#	2.9E-05	-
	mg/L	TCINF	TS, INFL	08/17/2012	N003	0.00 - 0.00	0.3649				0.0002	-
	mg/L	TCINF	TS, INFL	08/17/2012	N004	0.00 - 0.00	0.3577				0.0002	-
	mg/L	TCINF	TS, INFL	09/11/2012	N001	0.00 - 0.00	0.320			#	2.9E-05	-
	mg/L	TCINF	TS, INFL	09/11/2012	N003	0.00 - 0.00	0.3195				0.0002	-
	mg/L	TCINF	TS, INFL	10/16/2012	N001	0.00 - 0.00	0.310			#	2.9E-05	-
	mg/L	TCINF	TS, INFL	10/16/2012	N002	0.00 - 0.00	0.320			#	2.9E-05	-
	mg/L	TCINF	TS, INFL	10/16/2012	N003	0.00 - 0.00	0.3317				0.0002	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	TCINF	TS, INFL	10/16/2012	N004	0.00 - 0.00	0.3555				0.0002	-
	mg/L	TCINF	TS, INFL	11/19/2012	N001	0.00 - 0.00	0.330			#	2.9E-05	-
	mg/L	TCINF	TS, INFL	11/19/2012	N002	0.00 - 0.00	0.330			#	2.9E-05	-
	mg/L	TCINF	TS, INFL	11/19/2012	N003	0.00 - 0.00	0.3295				0.0002	-
	mg/L	TCINF	TS, INFL	11/19/2012	N004	0.00 - 0.00	0.3422				0.0002	-
	mg/L	TCINF	TS, INFL	12/17/2012	N001	0.00 - 0.00	0.280			#	0.00029	-
	mg/L	TCINF	TS, INFL	12/17/2012	N002	0.00 - 0.00	0.310			#	2.9E-05	-
	mg/L	TCINF	TS, INFL	12/17/2012	N003	0.00 - 0.00	0.3389				0.0002	-
	mg/L	TCINF	TS, INFL	12/17/2012	N004	0.00 - 0.00	0.3501				0.0002	-
	mg/L	TCINF	TS, INFL	01/23/2013	N001	0.00 - 0.00	0.280			#	0.00029	-
	mg/L	TCINF	TS, INFL	01/23/2013	N002	0.00 - 0.00	0.280			#	0.00029	-
	mg/L	TCINF	TS, INFL	01/23/2013	N003	0.00 - 0.00	0.3507				0.0002	-
	mg/L	TCINF	TS, INFL	01/23/2013	N004	0.00 - 0.00	0.3428				0.0002	-
	mg/L	TCINF	TS, INFL	02/21/2013	N001	0.00 - 0.00	0.250			#	0.00029	-
	mg/L	TCINF	TS, INFL	02/21/2013	N002	0.00 - 0.00	0.250			#	0.00029	-
	mg/L	TCINF	TS, INFL	02/21/2013	N003	0.00 - 0.00	0.3140				0.0002	-
	mg/L	TCINF	TS, INFL	02/21/2013	N004	0.00 - 0.00	0.3223				0.0002	-
	mg/L	TCINF	TS, INFL	03/12/2013	N001	0.00 - 0.00	0.280			#	0.00029	-
	mg/L	TCINF	TS, INFL	03/12/2013	N003	0.00 - 0.00	0.3301				0.0002	-
	mg/L	TCINF	TS, INFL	04/23/2013	N001	0.00 - 0.00	0.280			#	0.00029	-
	mg/L	TCINF	TS, INFL	04/23/2013	N002	0.00 - 0.00	0.310			#	2.9E-05	-
	mg/L	TCINF	TS, INFL	04/23/2013	N003	0.00 - 0.00	0.3425				0.0002	-
	mg/L	TCINF	TS, INFL	04/23/2013	N004	0.00 - 0.00	0.3402				0.0002	-
	mg/L	TCOUT	TS, EFFL	05/23/2012	N001	0.00 - 0.00	0.069			#	0.00015	-
	mg/L	TCOUT	TS, EFFL	05/23/2012	N002	0.00 - 0.00	0.073			#	0.00015	-
	mg/L	TCOUT	TS, EFFL	05/23/2012	N003	0.00 - 0.00	0.0749				0.0002	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	TCOUT	TS, EFFL	05/23/2012	N004	0.00 - 0.00	0.0746				0.0002	-
	mg/L	TCOUT	TS, EFFL	06/20/2012	N001	0.00 - 0.00	0.098			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	06/20/2012	N002	0.00 - 0.00	0.099			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	06/20/2012	N003	0.00 - 0.00	0.1059				0.0002	-
	mg/L	TCOUT	TS, EFFL	06/20/2012	N004	0.00 - 0.00	0.1052				0.0002	-
	mg/L	TCOUT	TS, EFFL	07/18/2012	N001	0.00 - 0.00	0.110			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	07/18/2012	N002	0.00 - 0.00	0.120			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	07/18/2012	N003	0.00 - 0.00	0.1251				0.0002	-
	mg/L	TCOUT	TS, EFFL	07/18/2012	N004	0.00 - 0.00	0.1280				0.0002	-
	mg/L	TCOUT	TS, EFFL	08/17/2012	N001	0.00 - 0.00	0.120			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	08/17/2012	N002	0.00 - 0.00	0.120			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	08/17/2012	N003	0.00 - 0.00	0.1379				0.0002	-
	mg/L	TCOUT	TS, EFFL	08/17/2012	N004	0.00 - 0.00	0.1415				0.0002	-
	mg/L	TCOUT	TS, EFFL	09/11/2012	N001	0.00 - 0.00	0.140			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	09/11/2012	N002	0.00 - 0.00	0.140			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	09/11/2012	N003	0.00 - 0.00	0.1570				0.0002	-
	mg/L	TCOUT	TS, EFFL	09/11/2012	N004	0.00 - 0.00	0.1575				0.0002	-
	mg/L	TCOUT	TS, EFFL	10/16/2012	N001	0.00 - 0.00	0.160			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	10/16/2012	N002	0.00 - 0.00	0.170			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	10/16/2012	N003	0.00 - 0.00	0.1904				0.0002	-
	mg/L	TCOUT	TS, EFFL	10/16/2012	N004	0.00 - 0.00	0.1919				0.0002	-
	mg/L	TCOUT	TS, EFFL	11/19/2012	N001	0.00 - 0.00	0.0051			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	11/19/2012	N002	0.00 - 0.00	0.0049			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	11/19/2012	N003	0.00 - 0.00	0.002	U			0.0002	-
	mg/L	TCOUT	TS, EFFL	11/19/2012	N004	0.00 - 0.00	0.002	U			0.0002	-
	mg/L	TCOUT	TS, EFFL	12/17/2012	N001	0.00 - 0.00	0.0073			#	0.00015	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	TCOUT	TS, EFFL	12/17/2012	N002	0.00 - 0.00	0.0077			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	12/17/2012	N003	0.00 - 0.00	0.0100				0.0002	-
	mg/L	TCOUT	TS, EFFL	12/17/2012	N004	0.00 - 0.00	0.0106				0.0002	-
	mg/L	TCOUT	TS, EFFL	01/23/2013	N001	0.00 - 0.00	0.0087			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	01/23/2013	N002	0.00 - 0.00	0.0092			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	01/23/2013	N003	0.00 - 0.00	0.0107				0.0002	-
	mg/L	TCOUT	TS, EFFL	01/23/2013	N004	0.00 - 0.00	0.0097				0.0002	-
	mg/L	TCOUT	TS, EFFL	02/21/2013	N001	0.00 - 0.00	0.009			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	02/21/2013	N002	0.00 - 0.00	0.0092			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	02/21/2013	N003	0.00 - 0.00	0.0113				0.0002	-
	mg/L	TCOUT	TS, EFFL	02/21/2013	N004	0.00 - 0.00	0.0109				0.0002	-
	mg/L	TCOUT	TS, EFFL	03/12/2013	N001	0.00 - 0.00	0.013			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	03/12/2013	N002	0.00 - 0.00	0.012			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	03/12/2013	N003	0.00 - 0.00	0.0146				0.0002	-
	mg/L	TCOUT	TS, EFFL	03/12/2013	N004	0.00 - 0.00	0.0145				0.0002	-
	mg/L	TCOUT	TS, EFFL	04/23/2013	N004	0.00 - 0.00	0.018			#	2.9E-05	-
	mg/L	TCOUT	TS, EFFL	04/23/2013	N005	0.00 - 0.00	0.0210				0.0002	-

GENERAL WATER QUALITY DATA BY PARAMETER (USEE205) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 7:20 am

PARAMETER	UNITS	LOCATION CODE	LOC TYPE, SUBTYPE	SAMPLE: DATE	ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY

RECORDS: SELECTED FROM USEE200 WHERE site_code='MNT01' AND location_code in('TCEFF','TCEFF1','TCEFF2','TCINF','TCOUT') AND DATE_SAMPLED between #5/1/2012# and #4/30/2013#

SAMPLE ID CODES: 000X = Filtered sample. N00X = Unfiltered sample. X = replicate number.

LOCATION TYPES: TS TREATMENT SYSTEM

LOCATION SUBTYPES: EFFL Treatment System Effluent INFL Treatment System Influent

LAB QUALIFIERS:

- * Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- > Result above upper detection limit.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.
- C Pesticide result confirmed by GC-MS.
- D Analyte determined in diluted sample.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- J Estimated
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).
- P > 25% difference in detected pesticide or Aroclor concentrations between 2 columns.
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

DATA QUALIFIERS:

- F Low flow sampling method used.
- G Possible grout contamination, pH > 9.
- J Estimated value.
- L Less than 3 bore volumes purged prior to sampling.
- N Presumptive evidence that analyte is present. The analyte is "tentatively identified".
- Q Qualitative result due to sampling technique
- R Unusable result.
- U Parameter analyzed for but was not detected.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

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Appendix D

Monitoring Wells Abandoned Since 2000

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LOCATION CODE	BOREHOLE DEPTH	SCREEN DEPTH	SCREEN LENGTH	ZONE_OF COMPLETION	DECOMMISSIONED DATE	ORIGINAL EASTING	ORIGINAL NORTHING	WELL DEPTH
31SW93-197-2	208.8			KB	21-Apr-06	23345.4	9691.6	207.85
31SW93-197-3	159			KD	21-Apr-06	23351.9	9713.9	159
31SW93-197-4	69			KM	21-Apr-06	23368.4	9671.3	69
31SW93-197-5	45			KM	21-Apr-06	23395.3	9731.8	44.3
31SW93-200-1	170			KB	18-Apr-06	20865.4	10218.9	170
31SW93-200-2	122	111.6	10	KD	18-Apr-06	20881.2	10243.3	122
31SW93-200-3	35	24.65	10	KM	18-Apr-06	20855.2	10234.9	35
31SW93-200-4	24.5			KM	07-Sep-05	20889.5	10228.3	24.5
82-07	20	9.5	3	QA	14-Sep-05	24669.3	10006	13
82-20	22.5	15.4	4	QA	07-Sep-05	20418.6	10089.6	21
92-01	24.25	21.4	2.5	QA	19-Apr-06	16615.2	9169	24.25
92-02	216	185.4	30	KB	19-Apr-06	16596.2	9156.2	216
92-03	12.75	9.9	2.5	QA	19-Apr-06	17873.7	10437.7	12.75
92-04	205	174.4	30	KB	19-Apr-06	17891.9	10440.7	205
92-05	16.83	11.5	4.9	QA	21-Apr-06	19863.1	9818.8	16.83
92-13	114.3	103.7	10	KD	21-Apr-06	19864.8	9853.2	114.3
MW00-04	9	3.28	5.03	QA	07-Sep-05	23397.22	10341.52	8.66
MW00-08	14	7.25	5.03	QA	07-Sep-05	23398.68	10519.99	12.63
P92-01	11.5	8.7	2.5	QA	07-Sep-05	27438.68	8900.92	11.5
P92-03	13.4	10.4	2.5	QA	07-Sep-05	27116.36	9559.16	13.25
P92-04	23	19.8	2.5	QA	14-Sep-05	25380.49	10617.28	22.63
P92-05	7.25	4.4	2.5	QA	14-Sep-05	25382	10112.44	7.25
P92-07	13.66	10.8	2.6	QA	14-Sep-05	24654.5	10616.84	13.66
P92-09	15.9	12.6	2.5	QA	14-Sep-05	23691.61	10924.45	15.33
T00-08	6.5	1.2	5	QA	07-Sep-05	19845.87	10359.74	6.5
T00-09	23	17.75	5	QA	07-Sep-05	19894.68	10319.08	23
T00-10	21.25	16	5	QA	07-Sep-05	19934.4	10279.38	21.25
T00-11	20.5	14.75	5	QA	07-Sep-05	19980.15	10242.27	20.08
T00-12	17.16	11.92	5	QA	07-Sep-05	20026.93	10196.5	17.16
T00-13	14.5	9.25	5	QA	07-Sep-05	20070.75	10157.74	14.5
T00-14	9.83	4.78	4.8	QA	07-Sep-05	20109.09	10115.73	9.83
T00-15	10.25	5	5	QA	07-Sep-05	20154.36	10069.1	10.25
T01-03	13.94	8.69	5	QA	07-Sep-05	23369.43	10668.93	13.94
T01-11	7.7	4.92	2.5	QA	07-Sep-05	22751.05	10309.65	7.64
T01-15	12.75	7.6	4.9	QA	07-Sep-05	22196.02	10171.77	12.75

LOCATION CODE	BOREHOLE DEPTH	SCREEN DEPTH	SCREEN LENGTH	ZONE_OF COMPLETION	DECOMMISSIONED DATE	ORIGINAL EASTING	ORIGINAL NORTHING	WELL DEPTH
T01-16	15.7	10.55	4.9	QA	07-Sep-05	22423.71	10165.72	15.7
T01-17	11	5.7	4.9	QA	07-Sep-05	22749.69	10106.38	11
T01-22	7.9	5.15	2.5	QA	07-Sep-05	21754.89	10305.94	7.9
T99-03	24.5			QA	14-Sep-05	24484.89	9597.82	22.9
T99-05	11.5			QA	07-Sep-05	28506.75	8838.29	11.31
T99-06	10.5			QA	07-Sep-05	27448.07	9173.88	9.23
T99-07	10.5			QA	07-Sep-05	27444.31	9039.02	10.5
T99-10	7.5			QA	07-Sep-05	27441.58	9659.99	7.5

ALL DIMENSIONS IN FEET
QA QUATERNARY ALLUVIUM
KM MANCOS SHALE FORMATION
KD DAKOTA SANDSTONE FORMATION

Appendix E

Groundwater Level Data, May 2012 Through April 2013

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STATIC WATER LEVELS (USEE700) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 4:28 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT DATE	MEASUREMENT TIME	DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
0200	D	6762.69	10/16/2012	17:05	8.05	6754.64	
		6762.69	04/23/2013	17:25	8.05	6754.64	
0202	D	6785.81	10/16/2012	14:00	16.12	6769.69	
		6785.81	04/23/2013	15:15	15.82	6769.99	
31NE93-205	C	6940.62	10/15/2012	18:00	181.90	6758.72	
		6940.62	04/23/2013	11:05	180.69	6759.93	
82-08	D	6787.40	10/16/2012	13:15	13.41	6773.99	
		6787.40	04/23/2013	08:40	13.33	6774.07	
83-70	D	6800.91	10/16/2012	11:00		-	B
88-85	D	6797.09	10/15/2012	17:05	6.02	6791.07	
		6797.09	11/19/2012	13:57	5.15	6791.94	
		6797.09	04/22/2013	16:50	5.47	6791.62	
92-07	D	6804.02	10/16/2012	09:15	17.00	6787.02	
		6804.02	11/19/2012	13:53	17.00	6787.02	
		6804.02	04/22/2013	17:15	17.04	6786.98	
92-08	D	6775.68	10/16/2012	15:30	14.39	6761.29	
		6775.68	04/23/2013	11:55	12.06	6763.62	
92-09	D	6733.29	10/16/2012	17:30	12.15	6721.14	
		6733.29	04/23/2013	18:10	11.25	6722.04	
92-10	D	6733.80	10/16/2012	17:50	13.25	6720.55	
		6733.80	04/23/2013	18:15	13.60	6720.20	
92-11	D	6813.73	10/16/2012	11:50	19.39	6794.34	
		6813.73	04/23/2013	16:15	19.22	6794.51	
92-12	D	6815.05	10/16/2012	11:00	53.70	6761.35	
		6815.05	04/23/2013	16:15	53.80	6761.25	
93-01	O	6889.98	10/15/2012	14:40	114.30	6775.68	
		6889.98	04/22/2013	13:45	110.41	6779.57	
95-01	D	6675.83	10/17/2012	09:05	4.53	6671.30	
		6675.83	04/23/2013	09:35	4.46	6671.37	
95-02	D	6678.99	10/17/2012	09:00	3.05	6675.94	
		6678.99	04/23/2013	09:30	2.65	6676.34	
95-03	D	6704.78	10/17/2012	08:35	2.50	6702.28	
		6704.78	04/23/2013	10:00	2.12	6702.66	

STATIC WATER LEVELS (USEE700) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 4:28 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT DATE	MEASUREMENT TIME	DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
95-04	D	6706.24	10/17/2012	08:00	2.31	6703.93	
		6706.24	04/23/2013	10:05	2.89	6703.35	
95-06	D	6824.91	10/15/2012	17:40	73.25	6751.66	
		6824.91	04/23/2013	11:00	72.21	6752.70	
95-07	C	6883.34	10/17/2012	07:30	70.32	6813.02	
		6883.34	04/23/2013	11:15	70.34	6813.00	
95-08	D	6841.51	10/17/2012	10:00	128.50	6713.01	
		6841.51	04/23/2013	10:20	128.23	6713.28	
MW00-01	U	6882.77	10/15/2012	15:10	12.98	6869.79	
		6882.77	04/24/2013	09:20	12.16	6870.61	
MW00-02	U	6883.26	10/15/2012	15:00	11.31	6871.95	
		6883.26	04/22/2013	13:47	9.80	6873.46	
MW00-03	O	6853.15	10/16/2012	15:10	11.01	6842.14	
		6853.15	04/22/2013	14:40	10.55	6842.60	
MW00-06	D	6793.14	10/16/2012	14:55	16.40	6776.74	
		6793.14	04/23/2013	10:55	16.35	6776.79	
MW00-07	D	6790.85	10/16/2012	14:15	21.27	6769.58	
		6790.85	04/23/2013	10:28	21.14	6769.71	
P92-02	D	6737.02	10/16/2012	18:00	15.03	6721.99	
		6737.02	04/23/2013	18:20	12.98	6724.04	
P92-06	D	6774.73	10/16/2012	16:00	13.80	6760.93	
		6774.73	04/23/2013	11:35	11.79	6762.94	
PW-10	D	6813.94	10/16/2012	10:25	31.75	6782.19	
		6813.94	11/19/2012	13:55	31.70	6782.24	
		6813.94	04/24/2013	08:55	31.79	6782.15	
PW-14	D	6800.44	10/15/2012	14:20	18.69	6781.75	
		6800.44	11/19/2012	13:52	18.35	6782.09	
		6800.44	04/24/2013	08:25	18.65	6781.79	
PW-16	D	6796.72	10/15/2012	14:15	13.98	6782.74	
		6796.72	11/19/2012	13:49	13.02	6783.70	
		6796.72	04/22/2013	13:06	13.53	6783.19	
PW-17	D	6817.35	10/16/2012	09:50	32.85	6784.50	
		6817.35	11/19/2012	13:54	32.85	6784.50	
		6817.35	04/24/2013	09:35	32.95	6784.40	

STATIC WATER LEVELS (USEE700) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 4:28 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT DATE	MEASUREMENT TIME	DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
PW-18	D	6799.73	10/15/2012	13:33	9.25	6790.48	
		6799.73	11/19/2012	14:01	8.68	6791.05	
		6799.73	04/22/2013	13:22	8.80	6790.93	
PW-20	D	6799.57	10/15/2012	14:31	13.01	6786.56	
		6799.57	11/19/2012	14:00	12.62	6786.95	
		6799.57	04/22/2013	13:21	12.83	6786.74	
PW-22	D	6797.45	10/15/2012	14:30	11.81	6785.64	
		6797.45	11/19/2012	14:04	11.62	6785.83	
		6797.45	04/22/2013	13:25	11.52	6785.93	
PW-23	D	6809.15	10/15/2012	14:25	23.75	6785.40	
		6809.15	11/19/2012	13:56	23.75	6785.40	
		6809.15	04/22/2013	13:32	23.77	6785.38	
PW-28	D	6799.93	10/15/2012	17:40	9.70	6790.23	
		6799.93	11/19/2012	14:02	9.10	6790.83	
		6799.93	04/23/2013	08:10	9.28	6790.65	
PW99-16	D	6799.76	10/17/2012	08:00	13.40	6786.36	
		6799.76	11/19/2012	14:03	13.05	6786.71	
		6799.76	04/22/2013	13:24	13.20	6786.56	
R10-M1	D	6795.11	10/15/2012	16:40	13.98	6781.13	
		6795.11	11/19/2012	13:47	13.72	6781.39	
		6795.11	04/22/2013	16:20	13.83	6781.28	
R11-M1	D	6794.79	10/17/2012	08:00	13.52	6781.27	
		6794.79	11/19/2012	13:48	13.41	6781.38	
		6794.79	04/22/2013	13:02	13.42	6781.37	
R1-M1	D	6797.77	10/15/2012	14:09	6.79	6790.98	
		6797.77	11/19/2012	13:51	5.96	6791.81	
		6797.77	04/22/2013	13:07	6.14	6791.63	
R1-M3	D	6795.91	10/15/2012	16:00	4.92	6790.99	
		6795.91	11/19/2012	13:42	4.23	6791.68	
		6795.91	04/22/2013	15:40	4.32	6791.59	
R1-M4	D	6795.85	10/15/2012	15:00	5.10	6790.75	
		6795.85	11/19/2012	13:32	4.27	6791.58	
		6795.85	04/22/2013	14:35	4.55	6791.30	
R1-M6	D	6798.16	10/15/2012	14:10	7.31	6790.85	
		6798.16	11/19/2012	13:58	6.54	6791.62	

STATIC WATER LEVELS (USEE700) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 4:28 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT DATE	MEASUREMENT TIME	DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
R1-M6	D	6798.16	04/22/2013	13:18	6.95	6791.21	
R2-M4	D	6795.84	10/15/2012	14:04	4.99	6790.85	
		6795.84	11/19/2012	13:41	4.16	6791.68	
		6795.84	04/22/2013	13:14	4.41	6791.43	
R2-M7	D	6795.80	10/15/2012	14:00	5.01	6790.79	
		6795.80	11/19/2012	13:36	4.20	6791.60	
		6795.80	04/22/2013	13:01	4.44	6791.36	
R3-M2	D	6795.80	10/15/2012	16:10	4.90	6790.90	
		6795.80	11/19/2012	13:40	4.12	6791.68	
		6795.80	04/22/2013	15:45	4.31	6791.49	
R3-M3	D	6795.76	10/15/2012	15:25	4.95	6790.81	
		6795.76	11/19/2012	13:35	4.14	6791.62	
		6795.76	04/22/2013	14:50	4.48	6791.28	
R4-M3	D	6795.76	10/16/2012	08:30	9.35	6786.41	
		6795.76	11/19/2012	13:39	9.09	6786.67	
		6795.76	04/22/2013	15:55	9.10	6786.66	
R4-M6	D	6795.71	10/15/2012	15:35	9.35	6786.36	
		6795.71	11/19/2012	13:34	9.03	6786.68	
		6795.71	04/22/2013	15:10	9.13	6786.58	
R6-M1	D	6797.41	10/15/2012	14:10	14.38	6783.03	
		6797.41	11/19/2012	13:50	13.75	6783.66	
		6797.41	04/22/2013	13:06	14.09	6783.32	
R6-M2	D	6796.18	10/15/2012	14:08	10.45	6785.73	
		6796.18	11/19/2012	13:43	10.16	6786.02	
		6796.18	04/22/2013	13:14	10.19	6785.99	
R6-M3	D	6795.71	10/16/2012	08:45	10.60	6785.11	
		6795.71	11/19/2012	13:38	10.38	6785.33	
		6795.71	04/22/2013	16:05	10.10	6785.61	
R6-M4	D	6795.53	10/16/2012	08:15	11.32	6784.21	
		6795.53	11/19/2012	13:33	10.50	6785.03	
		6795.53	04/22/2013	15:30	9.94	6785.59	
R6-M5	D	6795.54	10/15/2012	14:29	10.70	6784.84	
		6795.54	11/19/2012	13:31	10.57	6784.97	
		6795.54	04/22/2013	13:00	10.70	6784.84	
R6-M6	D	6797.22	10/15/2012	14:28	12.09	6785.13	

STATIC WATER LEVELS (USEE700) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 4:28 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT DATE	MEASUREMENT TIME	DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
R6-M6	D	6797.22	11/19/2012	13:59	11.95	6785.27	
		6797.22	04/22/2013	13:09	11.98	6785.24	
R7-M1	D	6796.00	10/15/2012	14:16	16.90	6779.10	
		6796.00	11/19/2012	13:44	12.35	6783.65	
		6796.00	04/22/2013	13:05	12.65	6783.35	
R8-M1	D	6795.60	10/15/2012	14:17	13.30	6782.30	
		6795.60	11/19/2012	13:45	12.79	6782.81	
		6795.60	04/22/2013	13:04	13.21	6782.39	
R9-M1	D	6795.21	10/15/2012	14:18	13.60	6781.61	
		6795.21	11/19/2012	13:46	13.37	6781.84	
		6795.21	04/22/2013	13:03	13.59	6781.62	
T00-01	O	6806.52	10/16/2012	15:30	10.09	6796.43	
		6806.52	11/19/2012	14:10	9.51	6797.01	
		6806.52	04/22/2013	14:55	9.25	6797.27	
T00-04	O	6804.31	10/16/2012	14:45	6.81	6797.50	
		6804.31	11/19/2012	14:12	6.83	6797.48	
		6804.31	04/22/2013	14:50	6.90	6797.41	
T01-01	O	6806.09	10/16/2012	16:00	9.54	6796.55	
		6806.09	04/24/2013	11:45	8.60	6797.49	
T01-02	O	6807.66	10/16/2012	16:25	9.47	6798.19	
		6807.66	04/24/2013	11:25	9.40	6798.26	
T01-04	O	6814.15	10/16/2012	17:10	14.70	6799.45	
T01-05	O	6822.21	10/16/2012	17:35	20.98	6801.23	
		6822.21	04/24/2013	10:15	20.82	6801.39	
T01-06	O	6828.41	10/16/2012	16:06	25.26	6803.15	
		6828.41	04/22/2013	15:00	24.80	6803.61	
T01-07	O	6823.29	10/15/2012	16:50	19.91	6803.38	
		6823.29	04/24/2013	11:30	19.87	6803.42	
T01-08	O	6808.11	10/16/2012	14:30	6.19	6801.92	
		6808.11	04/22/2013	14:45	6.53	6801.58	
T01-09	O	6832.80	10/15/2012	17:20		-	D
		6832.80	04/22/2013	15:05		-	D
T01-10	O	6817.45	10/15/2012	16:25	8.75	6808.70	
		6817.45	04/22/2013	14:25	8.64	6808.81	

STATIC WATER LEVELS (USEE700) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 7/24/2013 4:28 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT DATE	MEASUREMENT TIME	DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
T01-12	O	6844.34	10/17/2012	09:25	21.54	6822.80	
		6844.34	04/22/2013	17:20	21.40	6822.94	
T01-13	O	6829.67	10/15/2012	16:20	8.20	6821.47	
		6829.67	04/22/2013	14:15	7.74	6821.93	
T01-18	O	6860.49	10/17/2012	08:05	18.41	6842.08	
		6860.49	04/22/2013	15:05	17.97	6842.52	
T01-19	O	6848.64	10/17/2012	08:25	7.15	6841.49	
		6848.64	04/23/2013	17:50	7.46	6841.18	
T01-20	O	6845.40	10/15/2012	16:05	11.48	6833.92	
		6845.40	04/22/2013	14:10	10.81	6834.59	
T01-23	O	6858.89	10/17/2012	09:00	7.89	6851.00	
		6858.89	04/22/2013	13:25	6.92	6851.97	
T01-24	O	6858.83	10/17/2012	09:10	6.78	6852.05	
		6858.83	04/22/2013	13:30	5.59	6853.24	
T01-25	O	6856.33	10/15/2012	15:40	8.14	6848.19	
		6856.33	04/22/2013	14:05	6.89	6849.44	
T01-26	O	6878.24	10/16/2012	08:35	18.54	6859.70	
		6878.24	04/22/2013	13:35	16.00	6862.24	
T01-27	O	6864.71	10/15/2012	15:20	2.55	6862.16	
		6864.71	04/22/2013	13:55	1.31	6863.40	
T01-28	O	6869.20	10/15/2012	15:25		-	D
		6869.20	04/22/2013	14:00	4.21	6864.99	
T01-35	O	6824.26	10/15/2012	17:15	12.42	6811.84	
		6824.26	04/22/2013	16:25	12.30	6811.96	
T6-D	D	6795.66	10/15/2012	14:02	11.93	6783.73	
		6795.66	11/19/2012	13:37	11.83	6783.83	
		6795.66	04/22/2013	13:15	12.02	6783.64	

RECORDS: SELECTED FROM USEE700 WHERE site_code='MNT01' AND LOG_DATE between #5/1/2012# and #4/30/2013#

FLOW CODES: C CROSS GRADIENT D DOWN GRADIENT O ON-SITE
U UPGRADIENT

WATER LEVEL FLAGS:
B Water level is below the top of the pump D Dry

Appendix F

Stream Flow Measurement Results, May 2012 Through April 2013

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Appendix F Stream Flow Measurement Results

Collect Date	Surface ID	Calculated Flow (ft^3/sec)	Comments
10/16/2012	CULVERT_AT_PRB	0	DRY
10/16/2012	MC_AT_CABIN	0	DRY
10/16/2012	SW00-01	0	DRY
10/16/2012	SW00-02	0	DRY
10/16/2012	SW00-04	0	DRY
10/16/2012	SW01-01	0	DRY
10/16/2012	SW01-02	0	DRY
10/16/2012	SW01-03	0	DRY
10/16/2012	SW01-04	0	DRY
10/16/2012	SW92-08	0	DRY
10/16/2012	SW92-09	0	DRY
10/16/2012	SW94-01	0	DRY
4/24/2013	MC_AT_CABIN	0.14	Cabin Site
4/24/2013	SW00-01	0	DRY
4/24/2013	SW00-02	0	DRY
4/24/2013	SW00-04	0.19	(nr well 95-01)
4/24/2013	SW01-02	0	DRY
4/24/2013	SW92-08	0.14	
4/24/2013	Sorenson	0.12	

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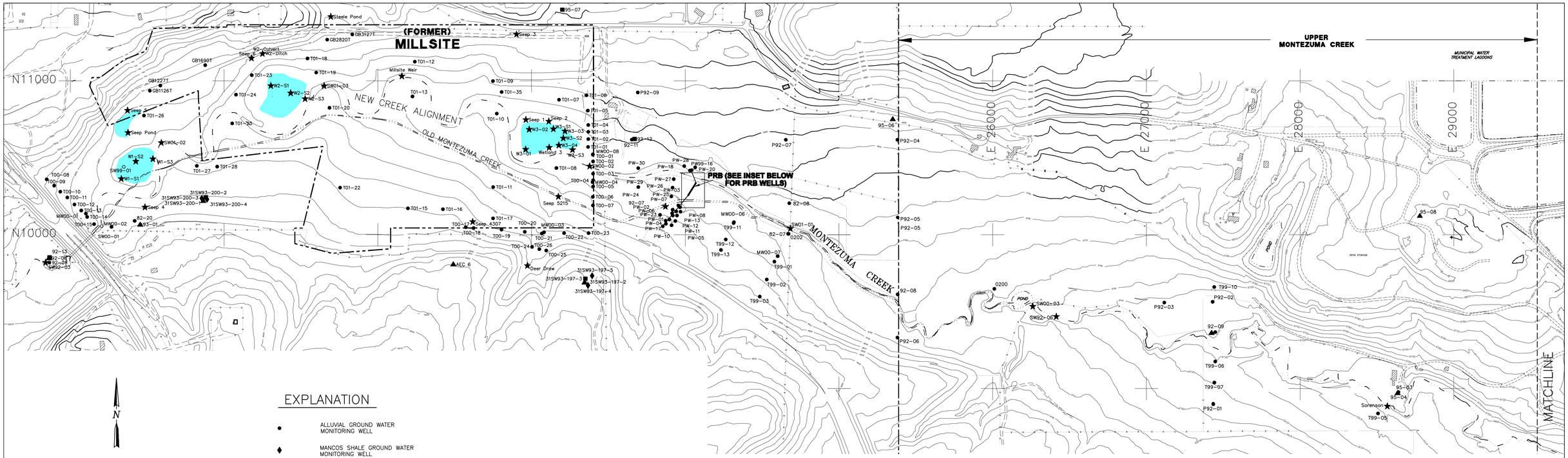
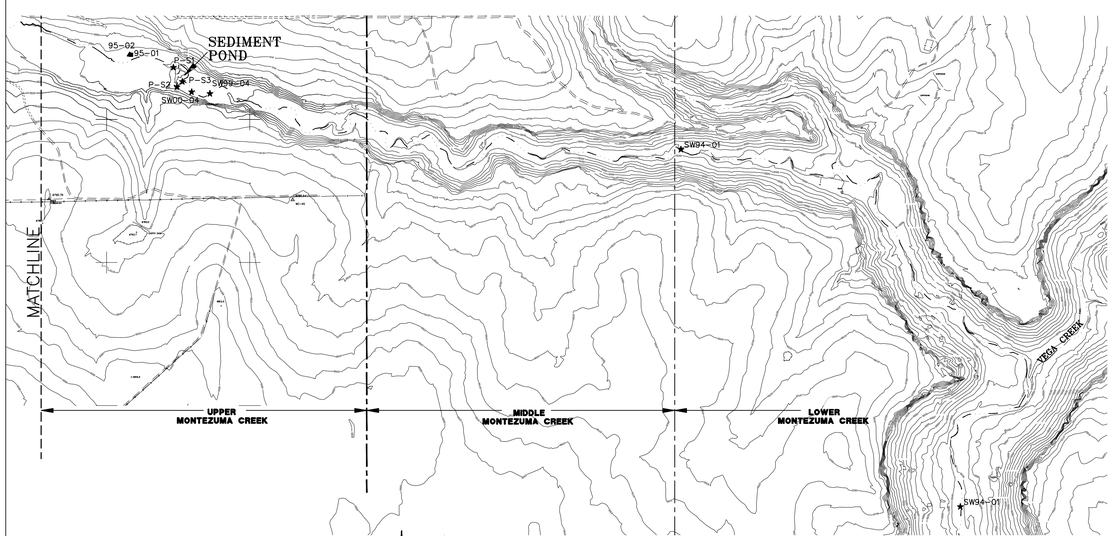


EXPLANATION

- ALLUVIAL GROUND WATER MONITORING WELL
- MANCOS SHALE GROUND WATER MONITORING WELL
- LOWER DAKOTA SANDSTONE GROUND WATER MONITORING WELL
- BURRO CANYON AQUIFER GROUND WATER MONITORING WELL
- SURFACE WATER CHEMISTRY LOCATION
- FORMER MILLSITE BOUNDARY
- NEW WETLAND AREA

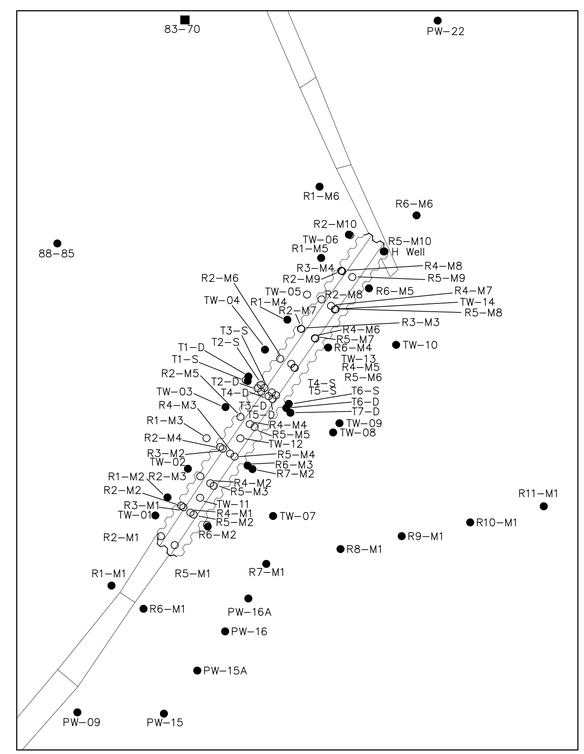
N

SCALE IN FEET
300 150 0 300 600 900
CONTOUR INTERVAL 10 FEET



N

SCALE IN FEET
500 250 0 500 1000 1500
CONTOUR INTERVAL 10 FEET



N

PRB AREA INSET

SCALE IN FEET
20 10 0 20 40 60

U.S. DEPARTMENT OF ENERGY GRAND JUNCTION, COLORADO	Work Performed by S.M. Stoller Corporation Under DOE Contract No. DE-AM01-07LM00060
PLATE 1	MMTS OU III SURFACE WATER AND GROUND WATER LOCATIONS MONITORED SINCE JANUARY 2000
DATE PREPARED: JULY 20, 2010	FILENAME: S0679900

M:\LTS\111\0038\17\007\S06799\S0679900.DWG 07/20/10 10:43am whitneyj