

**Monticello Mill Tailings Site
Operable Unit III
Annual Groundwater Report
May 2014 Through April 2015**

October 2015



U.S. DEPARTMENT OF
ENERGY

Legacy
Management

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Plate

Plate 1	MMTS OU III Surface Water and Groundwater Locations and Loyds Lake Location
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Abbreviations

AOA	area of attainment
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COC	contaminant of concern
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
FFA	Federal Facility Agreement
FS	Feasibility Study
ft	feet
gpm	gallons per minute
ICs	institutional controls
Jm	Morrison Formation
Kbc	Burro Canyon Formation
Kd	Dakota Sandstone Formation
LM	DOE Legacy Management
µg/L	micrograms per liter
mg/L	milligrams per liter
MMTS	Monticello Mill Tailings Site
MNA	monitored natural attenuation
OU	Operable Unit
pCi/L	picocuries per liter
PRB	permeable reactive barrier
RI	Remedial Investigation
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
ZVI	zero-valent iron

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Executive Summary

This report provides the annual analysis of water quality restoration progress, cumulative through April 2015, 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. Uranium is the primary contaminant of concern.

LM implemented monitored natural attenuation with institutional controls as the OU III remedy in 2004. Because groundwater restoration proceeded more slowly than expected and did not meet performance criteria established in the OU III Record of Decision (June 2004), LM implemented a contingency action in 2009 by an Explanation of Significant Difference to include a pump-and-treat system using a single extraction well and treatment by zero-valent iron (ex-situ treatment system).

The contingency action was optimized in 2015 with the installation of 8 extraction wells and 16 monitoring wells in a focused area of the aquifer (area of attainment). Contaminated water is treated by solar evaporation at an existing onsite LM facility.

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. The scope of monitoring was expanded in 2009 for the ex situ treatment system and in 2015 for the remedy optimization system. Operation and monitoring of the ex situ treatment system was discontinued in 2014 with the start-up of the remedy optimization system.

No data anomalies for OU III water quality trending or restoration progress are identified for the May 2014 through April 2015 reporting period. Although some regions of the aquifer demonstrate decreasing concentration trends, such trending is not evident for the bulk of the aquifer and a prolonged restoration period is indicated. The groundwater contingency remedy optimization system captures significant contaminant mass (primarily uranium) from the area of attainment; however, because that system only became operational in 2015, a long-term forecast of restoration progress is premature.

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1.0 Introduction

This report provides the annual analysis of water quality restoration, cumulative through April 2015, 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). Water quality investigations under CERCLA began in 1992.

An alluvial aquifer and adjoining surface water became contaminated by inorganic constituents from the former mill tailings impoundments from 1942 through source removal in 1999. The Record of Decision (ROD) for OU III (DOE 2004a) selected monitored natural attenuation (MNA) with institutional controls (ICs) as the groundwater remedy. Contingency actions using pump-and-treat technology were implemented in 2005 and 2015 in a focused area of the aquifer because ROD-specific conditions for MNA performance were not attained. In 2015, the groundwater contingency remedy optimization system replaced the ex situ treatment system as the active groundwater contingency remediation component for OU III. In concurrence with the U.S. Environmental Protection Agency (EPA) and the Utah Department of Environmental Quality (UDEQ), LM indefinitely suspended the operation of the ex situ treatment system.

Environmental monitoring at OU III consists of twice-yearly (October and April) collection and analysis of hydrologic and water-quality data from an established network of observation wells, seeps, and surface water locations. Monitoring is conducted more frequently to assess the performance of the contingency remedial actions.

2.0 Historical Information

2.1 Background Information

The MMTS was established as a CERCLA National Priorities List site in 1989 (CERCLISID 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. Drainage of the process liquids and interaction with meteoric water resulted in the contamination of local surface water (Montezuma Creek) and the shallow alluvial aquifer by radioactive and other inorganic constituents in the tailings. 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 two OUs 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 OU 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 (RI) and Feasibility Study (FS).

The RI report was subsequently issued in September 1998 (DOE 1998a); however, a companion FS report was not completed at that time because the effect of ongoing remedial actions on the groundwater setting were uncertain. EPA and UDEQ concurred with LM to instead implement interim remedial actions (DOE 1998b) and to complete the FS when site conditions had stabilized.

Interim actions included implementing institutional controls in 1999 to restrict use of contaminated groundwater monitoring, laboratory study of contaminant mobility, and implementing passive remediation using an in situ permeable reactive barrier (PRB). Other interim actions included groundwater modeling and updating human health and ecological risk assessments. Interim remedial action findings and groundwater remedy evaluations are documented in *Monticello Mill Tailings Site Operable Unit III Final Remedial Investigation Addendum/Focused Feasibility Study* (DOE 2004b). The findings were used to support selecting MNA with ICs as the OU III remedy (DOE 2004a).

By 2005, LM recognized that the PRB was becoming ineffective in treating the groundwater because internal mineral fouling resulted in progressive loss of permeability. In response, LM installed an ex situ pump-and-treat system in 2005 using a single extraction well and aboveground treatment by zero-valent iron (ZVI). This system was installed upgradient of the PRB where a mound of contaminated groundwater had developed. Neither the PRB or ex situ treatment system was a formal component of the OU III ROD.

The OU III ROD provided specific criteria to evaluate MNA performance by comparing observed trends in uranium concentration over time at selected monitoring wells to those predicted by the OU III groundwater model. LM first identified in 2006 (DOE 2006b) that aquifer restoration progress was not meeting the performance criteria. This observation was confirmed in 2007 (DOE 2007) using a separate method of trend analysis.

To augment the MNA remedy, LM, EPA, and UDEQ concurred in March 2009 through an Explanation of Significant Difference (DOE 2009a) to implement a contingency remedy that formalized the ex situ treatment system as a remedy component. Although the system could be operated to extract and effectively treat contaminated groundwater, it was not designed to remediate a significant portion of the aquifer. Monitoring data indicated that this system did not appear to accelerate restoration progress.

The contingency remedy was then optimized in 2015 by implementing an expanded pump-and-treat remediation approach that is formally referred to as the OU III groundwater contingency remedy optimization system. The conceptual design, intent, and implementation plan for the remedy optimization system is documented in the *Groundwater Contingency Remedy Optimization Remedial Design/Remedial Action Work Plan for the Monticello Mill Tailings Site Operable Unit III, Monticello, Utah* (DOE 2014).

Under that plan, groundwater is extracted in a focused area of the aquifer (referred to as the area of attainment) and piped to a control/transfer building from where the water is conveyed through a buried water pipeline approximately 1 mile to the solar evaporation pond (Pond 4) at the LM

repository for evaporative treatment. Construction of the remedy optimization system began in May 2014 and was completed in December 2014. The system became fully operational in February 2015. Operation of the ex situ treatment system was terminated in December 2014 as the new system was phased into operation.

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 2010 U.S. Census, the population of Monticello is about 1,970 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 an elevation of 11,000 ft about 5 miles west of the site. The climate is semiarid with four distinct seasons. Average annual precipitation is about 15 inches (WRCC 2014), most of which occurs during late summer and early fall storms. Native woody vegetation is dominated by scrub oak, piñon pine, juniper, sagebrush, and rabbitbrush. Phreatophytes, primarily willows, 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 based on 2009 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 aquifer restoration progress addressed in this report.

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 water retention in the municipal reservoir (Loyds Lake; 3,500 acre-feet capacity [UDWQ 2014]) 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 recharge to the alluvial aquifer. Leakage from North Creek is also a likely source of aquifer recharge west of the former mill site.

The creek varies between gaining and losing conditions through OU III (see Section 5.1). The creek is often dry in certain reaches. Downstream of the mill site where the canyon narrows and the Burro Canyon formation is incised by Montezuma Creek, base flow is maintained on the order of 200 gallons per minute (gpm) (or nearly 0.5 cubic ft per second) by groundwater discharge from both the alluvial and Burro Canyon aquifers.

3.3.1 Constructed Wetlands

Three wetland areas were constructed during mill site restoration to provide wildlife habitat (see Figure 3 for locations of Wetlands 1–3). Water from Montezuma Creek enters each wetland through a subsurface infiltration gallery built into the upstream banks. The wetlands were excavated through the alluvium to bedrock, so some of the water in the wetlands is also derived from groundwater discharge. Outlet channels return the captured water to Montezuma Creek. However, leakage to the aquifer in the eastern side of Wetland 3 is likely where it rests on native alluvium.

3.3.2 Groundwater Recharge and Discharge

The alluvial aquifer within the former mill site receives groundwater underflow from the west and from anthropogenic sources along the north margin of the valley. Underflow from the west originates as leakage from 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 typically gaining through the mill site reach, often by as much as 100 gpm in wet years. This quantity of water presumably originates from irrigation returns and leakage from municipal water utilities along the north margin of the valley. This quantity of recharge probably varies annually and seasonally depending on irrigation practices and water availability.

Aquifer recharge probably occurs seasonally (early spring and late summer) when plant transpiration is lowest and precipitation is greatest. Dense growths of phreatophytes in the riparian zone of Montezuma Creek likely consume significant quantities of groundwater during growing seasons. Potential evapotranspiration is on the order of 40 inches per year, while average annual precipitation is on the order of 15 inches per year. Crop irrigation in the valley extends less than about 0.5 mile east (downstream) of the mill site. The amount of aquifer recharge by crop (alfalfa) irrigation is unknown. Aquifer recharge then occurs downstream where the Burro Canyon sandstone aquifer is incised by Montezuma Creek and discharges to the alluvial aquifer and the creek.

3.3.3 Groundwater/Surface Water Interaction

A gaining stream condition prevails in the mill site reach of Montezuma Creek from groundwater discharge from the alluvial aquifer. Stream gains and losses then occur between the creek and alluvial aquifer within about 0.75 mile downstream of the mill site; however, there is no net gain or loss of water from the overall site water budget until further downstream where the creek incises the Burro Canyon aquifer. In that reach, the Dakota Sandstone aquitard is absent,

allowing groundwater in the Burro Canyon aquifer to discharge upward into both the alluvium and Montezuma Creek. Groundwater discharge to Montezuma Creek from the alluvial aquifer is also promoted by narrowing of the canyon in this reach. These conditions combine to form a natural hydrologic boundary that prevents eastward expansion of the contaminant plume (see also Section 5.1). Figure 3 indicates the approximate location of the contact between the Dakota Sandstone Formation (Kd) and sandstone of the Burro Canyon Formation (Kbc) in the valley floor.

Further downstream, the canyon widens, coincident with the transition to slope-forming mudstones of the Morrison Formation as the upper bedrock (Figure 3 indicates the approximate location of contact between the Burro Canyon sandstone [Kbc] and Morrison Formation [Jm] in the valley floor). These mudstones may absorb some water from the alluvial aquifer but are generally regarded as relatively impermeable and non-water bearing. At the downstream boundary of OU III (Figure 1), the alluvial aquifer pinches out entirely in rugged canyon terrain. All alluvial groundwater presumably discharges to the creek by this point.

3.3.4 Groundwater Use

UDEQ classifies alluvial aquifer groundwater within OU III as Class II, Drinking Water Quality Groundwater. Potential exposure to contaminated groundwater at OU III is low because the affected aquifer is low-yielding, has no record as a drinking water source, municipal drinking water is available, and institutional controls implemented by DOE in 1999 restrict use of the contaminated groundwater. The aquifer is not used for crop irrigation or livestock watering. Although used less frequently as sources of drinking water, local domestic-use groundwater wells for private and municipal supply tap the Burro Canyon aquifer, which is isolated at depth from the alluvial aquifer.

The primary source of domestic-use water for Monticello area residents is surface runoff from the Abajo Mountains in the watershed of North Creek. 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.

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 has augmented the domestic supply with Burro Canyon groundwater (see Figure 4 for locations of the municipal wells). The city wells are isolated from the alluvial aquifer by depth below the alluvial aquifer and the presence of the Dakota Sandstone aquitard, and by depth and distance from the alluvial aquifer.

3.3.4.1 Groundwater Use Restriction/Institutional Control

A restriction on the use of groundwater in OU III became effective through a groundwater management policy issued and administered by the Utah State Engineer's Office on May 21, 1999. The policy states that applications to appropriate water from the alluvial aquifer in the Ground Water Restricted Area for domestic purposes will not be approved by the State; however, construction of a suitable well in that area into the deeper bedrock formation may be possible (DOE 2004b).

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) (UDAS 2014). 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. Creek water is also 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 (see Figure 5 for PRB location). It relies on passive groundwater flow through the treatment media. The PRB was installed in June 1999 about 750 ft east of the former mill site on private property. 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 byproduct.

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, which causes some contaminated groundwater to bypass treatment. This condition was recognized soon after installation of the PRB and was confirmed in the April 2009 groundwater investigation (DOE 2009b). 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 not more than about 10 gpm. Field and laboratory studies have documented progressive loss of hydraulic conductivity of the ZVI by several orders of magnitude since installation (see DOE 2005 and 2006a) from precipitation of calcium carbonate and iron oxide minerals. Given this loss in hydraulic conductivity, the present total rate of groundwater flow through the PRB may be less than 1 gpm.

Loss in conductivity contributes to groundwater mounding upgradient of the PRB. Some of the mounding, totaling about 5 to 8 ft, is attributed to a suspected zone of low-conductivity at the alluvium/PRB interface. This was recognized soon after PRB installation and was attributed to sediment smearing or compaction during PRB construction. 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. PRB monitoring locations are shown in Figure 5.

3.4.2 Ex Situ Treatment System Remediation

An ex situ ZVI-based treatment system was installed in June 2005 and expanded in March 2007 as a technology demonstration alternative to the PRB. The ex situ treatment system operated for 8 months during the current reporting period. Its operation was terminated December 2014 and it was replaced by a more aggressive pump-and-treat system, the groundwater contingency remedy optimization system, as described in Section 3.4.3.

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

Groundwater was extracted at a well located in the groundwater mound upgradient of the PRB (well EW-1 in Figure 5) and pumped upward, in parallel, through the cells. A third vault (rectangular in outline in Figure 3) houses monitoring and control devices. The system could 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 Utah Division of Water Quality (UDWQ) limited the discharge to Montezuma Creek to 10 gpm.

Each treatment cell was effective in removing uranium at an inflow rate of 4 to 5 gpm for about 1 year, at which time the ZVI was exchanged. The infiltration trench originally had the capacity to discharge about 4 gpm of treated water to the aquifer; however, the capacity diminished significantly over time, possibly by iron fouling.

3.4.2.1 Telemetry System

The ex situ treatment system included equipment to monitor influent and effluent flow conditions per cell and water levels in the extraction well, treatment cells, and infiltration trench. Data were collected usually every 2 hours and downloaded (usually every day) via cellular telephone service to SOARS (System Operation and Analysis at Remote Sites) administered by LM in Grand Junction, Colorado. The components of the automated data collection, transmission, and display system are collectively referred to as the telemetry system.

Each treatment cell was instrumented to prevent overfilling. The water level in the infiltration trench was monitored to prevent groundwater saturation at the land surface. The telemetry system allowed for remote activation and deactivation of the pump in the extraction well (EW-1). Flow rates were adjusted manually in the field as needed.

3.4.2.2 *Ex Situ Treatment System Operating Parameters*

The operating parameters of the ex situ treatment system were

- 10 gpm maximum discharge rate of treated water to Montezuma Creek.
- Effluent not to exceed 45.4 milligrams per liter (mg/L) total iron.
- Effluent pH of not less than 6.5 and not greater than 9.0.
- Monthly effluent monitoring for pH and total iron for discharge compliance.
- Monthly influent and effluent monitoring to evaluate mass of uranium removed from the aquifer and treatment effectiveness.
- Real-time flow monitoring to ensure compliance with the discharge allowance.
- Real-time flow monitoring to measure volume of groundwater treated and to identify abnormal operating conditions.
- Quarterly reporting of treatment system performance.
- Media-exchange at 50 percent reduction in uranium removal or significant (60 percent) flow blockage. This occurred approximately once per year at every 4 million gallons of water treated.

The discharge allowances to Montezuma Creek were negotiated among LM, EPA, UDEQ, and UDWQ 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. A default perennial flow rate for the receiving surface water (Montezuma Creek) was set at 2 cubic ft per second.

3.4.3 Groundwater Remedy Optimization

The groundwater remedy was optimized in 2015 by expanding pump-and-treat remediation in a focused area of the alluvial aquifer known as the area of attainment (AOA). The AOA comprises approximately 6.5 acres of private property and extends from Montezuma Creek south to the southern margin of the aquifer, and from the eastern boundary of the former mill site to the PRB. Figure 6 is a photograph showing the AOA viewed to the northwest from a location on the former road that was used for transporting contaminated material from the former mill site to the repository. The AOA encompasses the flat-lying central area of the valley, and as shown in Figure 6 spans from left to right (west to east) a pasture (light brown area) and an alfalfa crop (green area). Figure 7 shows the AOA in map view and includes the locations and identification of associated monitoring wells and extraction wells.

The AOA encompasses a subset of the entire uranium contamination plume. Excepting Seep 6, which is a very isolated occurrence of groundwater seepage from offsite, the AOA generally contains the greatest concentrations of uranium and has well-defined hydrologic boundaries. The conceptual approach of focused remediation in the AOA is not to remediate the entire aquifer but to meet remediation goals in the most contaminated region of the aquifer. Uranium concentrations throughout the AOA are about 1 mg/L.

Subsurface characterization was conducted in and near the AOA on multiple occasions: (1) during RI/FS activities starting in 1992 (DOE 1998a and DOE 2004a); (2) during the PRB design phase in 1998 and 1999 (DOE 1998b and DOE 1999); (3) in 2000, to investigate the source of groundwater contamination in southeast corner of the former mill site (DOE 2001); and (4) in April 2009 to evaluate the feasibility of active groundwater remediation in that area (DOE 2009b and DOE 2010).

The hydrogeologic boundaries of the AOA correspond to (1) Montezuma Creek (mainly a recharge boundary), (2) underflow in the alluvial aquifer across the eastern boundary of the former mill site, (3) the PRB (mainly a no-flow boundary), and (4) low-permeability bedrock of the Mancos Shale (no-flow southern boundary). The base of the aquifer corresponds to the upper bedrock surface, typically within 15 ft of land surface. Depth to groundwater typically is within 10 ft of land surface. With these boundary definitions, and the relatively high and uniform distribution of uranium, the AOA represents a convenient and feasible target to implement and evaluate active groundwater remediation.

3.4.3.1 Scope of Remedy Optimization

Eight vertical extraction wells were installed in the AOA, strategically placed to target the greatest saturated thickness and highest uranium concentrations in that area. Sixteen monitoring wells were installed within and surrounding the network of extraction wells to monitor groundwater capture and contaminant concentration trending. The groundwater extraction system was designed for a total of 50 gallons per minute from the extraction wells.

The extracted groundwater is conveyed through buried pipes to the groundwater transfer building where it enters an above-ground holding tank. Instantaneous flow rate and cumulative flow volume per extraction well is metered in the transfer building. Water level sensors in the transfer tank activate and deactivate the transfer pump at high- and low-water level set points. Water from the transfer tank is pumped to Pond 4 through a buried pipeline for evaporative treatment. The combined flow rate and cumulative volume from the transfer tank to Pond 4 is metered in the transfer building.

Monitoring wells are sampled on a frequency of approximately every one-million gallons of extracted groundwater. General water quality parameters (pH, alkalinity, electrical conductivity, temperature, and redox potential) are measured in the field. Sample aliquots are submitted for laboratory analysis of uranium. Extraction wells are sampled as needed for system operational purposes to evaluate individual well productivity in removing uranium mass. A sample of the transfer tank effluent is collected and analyzed approximately once per month to track the cumulative mass of uranium removed from the aquifer.

Pond 4 and the groundwater extraction and transfer systems are instrumented to provide automated data collection of critical operating parameters (flow rates, line pressures, water levels, pump cycling). Operational controls, metering, and data collection are integrated with the LM SOARS program.

A comprehensive description of the operating parameters and as-built configuration of the remedy optimization system, including telemetry components, is being prepared for inclusion in the *OU III Groundwater Contingency Remedy Optimization System Remedial Action Completion Report* (draft submittal scheduled for fall 2015).

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 that would impact groundwater and surface water 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.

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 Table 1.

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 2004a.

^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.

Surface water remediation goals correspond to water quality standards established by the State of Utah. Gross beta activity has no remediation goal because there is no activity-based standard for this constituent; risk factors to derive a risk-based goal are isotope-specific.

Analyses of uranium-234 and uranium-238 in groundwater and surface water were discontinued in 2006 with concurrence from EPA and UDEQ. The remediation goal based on metal toxicity (30 micrograms per liter [µg/L]) converts to approximately 20 picocuries per liter (pCi/L) as uranium-234 plus uranium-238 and so is more stringent than the radiation activity-based goal of 30 pCi/L. 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.

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 reporting period (May 2014 through April 2015) 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 (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. Water levels are measured at all active monitoring wells in April and October events. Excluding the PRB, water quality monitoring of the alluvial aquifer is conducted at 35 locations in October and at 22 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 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 (last sampled in 2012). Water quality monitoring is conducted in October and April each year at 10 surface locations in Montezuma Creek, at 5 groundwater seep locations, and at 2 locations in Wetland 3.

Water quality monitoring within the PRB typically 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, and in this reporting period additional PRB locations were sampled (R1-M3, R1-M4, R6-M3, R6-M4, R10-M1; see Figure 5).

Hydrologic monitoring (Section 5.0) is conducted to measure water levels at monitoring wells and flow in Montezuma Creek. A visual inspection of groundwater seeps is conducted, as well. Appendix E contains the water level data collected in this reporting period. Water level and stream flow monitoring locations (stream flow sites generally coincide with water quality sampling locations on Montezuma Creek) are shown on Plate 1 and Figure 3 or are described in the text.

4.4 Alluvial Aquifer Water Quality

Figure 8 through Figure 14 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 2015 unless the monitoring locations were only sampled in October 2014 (monitoring results from October 2014 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. Alluvial aquifer water quality results for the reporting period are included as

Appendix A on the attached compact disk.

In the past year, all COCs except molybdenum and nitrate were present in alluvial groundwater at one or more locations at a concentration that exceeded the respective remediation goal. For the remaining COCs, except uranium, there is minor contamination with respect to spatial distribution and magnitude relative to remediation goals (concentration trending is presented in Section 4.4.1).

Arsenic

Arsenic contamination occurred primarily between the eastern part of the mill site and the PRB; the maximum concentration (15 µg/L at location 92-11, Figure 8) is less than twice the remediation goal (10 µg/L). Persistent but localized arsenic contamination remains at low levels in groundwater at the east end of the former mill site.

Manganese

Manganese exceeded the remediation goal (880 µg/L) at four locations in the western half of the mill site (Figure 9). This is a recurrent distribution since OU I source removal. Manganese contamination immediately downgradient of the PRB has previously been a frequent occurrence and is regarded as a product of ZVI corrosion within the PRB. However, during this reporting period, contamination in this area and downgradient of the mill site is absent.

Molybdenum

Molybdenum contamination since remediation of the mill site has been limited to a small area of the aquifer at the south end of the PRB slurry wall. The maximum concentration observed since 1999 (140 µg/L at PW-17, October 2005 and 2011) only slightly exceeded the remediation goal of 100 µg/L. Molybdenum concentrations in groundwater did not exceed the remediation goal at any locations for this reporting period (Figure 10).

Nitrate

Nitrate contamination since the completion of mill site remediation has been limited to several locations along the north side of the mill site and immediately downgradient. The occasional occurrences of nitrate contamination in these areas could originate from nearby livestock feedlots. Nitrate concentrations in groundwater did not exceed the remediation goal (10,000 µg/L as nitrogen) at any location for this reporting period (Figure 11).

Selenium

Selenium concentration exceeded the remediation goal (50 µg/L) at one location (Figure 12) during the reporting period. The maximum concentration (53 µg/L) occurred at monitoring well 92-08. Selenium contamination at that location is from natural sources in the Dakota Sandstone that was 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 (30 µg/L) at many locations (see Figure 13). The highest concentrations (up to about 1,000 µg/L) are generally present in the region of the aquifer (AOA) between the eastern boundary of the mill site and the PRB. Uranium contamination in the AOA is presented in greater detail in Section 6.2. The downgradient terminus of the uranium plume, occurring

between wells 92-10 and 95-03, is at a natural hydrologic boundary that prevents further downgradient movement of contamination.

Vanadium

Vanadium contamination in recent years has generally been limited to a few 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 most recent monitoring event during this reporting period were below the remediation goal at all locations except at wells 92-11 (340 µg/L) and R1-M3 (360 µg/L) (Figure 14).

4.4.1 Water Quality Trends in the Alluvial Aquifer

Figure 15 through Figure 21 illustrate time-varying concentrations of arsenic, manganese, molybdenum, nitrate (as nitrogen), selenium, uranium, and vanadium, respectively, at selected monitoring wells located along the axis of the groundwater plume. Ordering of the wells in the legend of these figures is from west (upgradient) to east (downgradient). Monitoring data since 1993 are included in the figures to show the effect of mill site cleanup (source removal), which is evident at many locations by the decrease in the concentration of many COCs in 1998 and 1999.

Arsenic

In Figure 15, arsenic concentrations show no apparent trending since source removal. At the few locations where arsenic contamination remains, average concentrations do not exceed twice the remediation goal.

Manganese

Figure 16 shows that manganese concentrations remain stable below the remediation goal except at well T01-19. At that location, manganese concentrations vary widely and remain well above the remediation goal, although there is no apparent trending. Concentrations at that location range between about 4,000 and 9,000 µg/L (about 5 to 10 times the restoration goal of 880 µg/L).

Molybdenum

Molybdenum concentrations clearly show the effect of source removal in 1999 (Figure 17). As described in Section 4.4, molybdenum concentrations do not exceed the remediation goal at any locations during this reporting period. Concentrations are stable, well below the remediation goal.

Nitrate

The increase in nitrate concentrations in groundwater from 1999 through 2001 (Figure 18) is attributed to fertilizer applications during restoration of the mill site. Dissipation of this pulse occurred by 2004. In April 2005, 2008, and 2010, large increases again occurred at some locations, including the upgradient monitoring well (well MW00-01, not shown). Those influxes possibly originated from the municipal golf course west of the former mill site and from livestock operations on the north side of the former mill site. Trending in nitrate concentration is not evident and present concentrations are below the remediation goal.

Selenium

Selenium concentrations in groundwater increased significantly following OU I remedial actions in 1999 (Figure 19), particularly in the eastern area of the mill site where the Dakota Sandstone was freshly exposed by the excavations. Naturally occurring selenium in the exposed shale and coal beds is presumed to have been mobilized by oxygenated groundwater that came in contact with these sediments.

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).

Selenium concentrations in groundwater have since decreased and remain relatively stable below the remediation goal, with the exception of location 92-08 (53 µg/L). Concentrations for this location have periodically exceeded the remediation goal (50 µg/L) since 2012.

Uranium

Uranium concentrations show a large initial effect of source removal (Figure 20) but have since remained relatively stable and well above the remediation goal. Because uranium is the most widespread contaminant at OU III and contributes the most to potential human health risk, further analysis of concentration trending for uranium in groundwater is provided in Section 6.0.

Vanadium

Vanadium concentrations show the initial effect of source removal, particularly at the monitoring location nearest the former mill site (monitoring well 92-11; see Figure 21). Vanadium concentrations have slowly decreased such that as of April 2015, the remediation goal (330 µg/L) was met at all but one location (well 92-11; 340 µg/L). Location 88-85 concentrations rose and fell below the remediation goal and as of April 2015 had the same concentration as the remediation goal.

4.4.2 Plume Expansion in the Alluvial Aquifer

The uranium contamination plume terminates between monitoring wells 92-09 and 95-03 (Figure 13); therefore, well 95-03 is regarded as a sentinel well to detect possible advancement of the plume past its current extent. The OU III groundwater model (DOE 2004a) 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 22 illustrates that contaminant levels observed at well 95-03 are not increasing and that plume expansion into uncontaminated regions of the aquifer is not occurring. In this respect, the uranium contamination plume is considered to be stable. Plume expansion is prevented by prior source removal and by the natural hydrologic boundary described in Section 3.3.

Manganese concentrations at sentinel well 95-03 are not included in Figure 22 because they are off-scale with respect to the y-axis (100 µg/L). The presence of manganese at well 95-03 remains at steady concentrations between 300 and 400 µg/L due to discharge of Burro Canyon groundwater, in which this element is naturally abundant.

4.4.3 PRB Performance

Figure 8 through Figure 14 (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 a significant amount of water has been compromised by internal mineralization. Relatively high manganese concentrations (Figure 9) immediately downgradient of the PRB (locations 95-01 and 95-03) is likely a remnant of early PRB operation when manganese, as a trace constituent of ZVI, dissolved from the ZVI and then precipitated downgradient of the PRB. It is noted that there is no evidence of contaminant release from the PRB. The current role of the PRB is as a groundwater flow barrier as a component of the groundwater contingency remedy.

4.4.4 Ex Situ Treatment System Performance

Operation of the ex situ treatment system was suspended in concurrence with EPA and UDEQ, effective December 29, 2014. The ex situ treatment system treated about 33 million gallons of groundwater and removed approximately 77 pounds of uranium from the alluvial aquifer cumulatively from June 2005 through December 2014. The estimated total inventory of uranium in the AOA is 350 pounds¹. Performance of the ex situ treatment system was reported in quarterly Federal Facility Agreement (FFA) reports to EPA and UDEQ and in annual groundwater reports.

4.4.4.1 Effluent Discharge to Surface Water

Monthly sampling of the ex situ treatment system effluent began in June 2008. The required monitoring parameters for discharge to the creek were total iron and pH. Time-varying results for iron and pH in the effluent are provided in Figure 23 and Figure 24. In these figures, water quality results for the treatment system effluent to Montezuma Creek correspond to the sampling location identified as TCOU. The discharge limits depicted in these figures apply only to effluent quality that is monitored at location TCOU. Operation of the treatment system complied with the discharge allowances through suspension in December 2014.

4.4.5 Remedy Optimization Performance

Performance of the remedy optimization system is addressed in Section 6.2 of this report. Performance of the remedy optimization system is also reported in quarterly Federal Facility Agreement (FFA) reports to EPA and UDEQ.

4.5 Burro Canyon Aquifer Water Quality

The Burro Canyon aquifer was most recently sampled in October 2014 at wells 92-10, and 93-01. Location 83-70 was last sampled in October 2013 and was not sampled during this reporting period because of winterization of the well by the landowner. These wells are typically sampled annually in October. Well 93-01 provides background water quality data for the Burro Canyon aquifer; well 83-70 is completed a short distance downgradient of the former mill site where contamination in the alluvial aquifer is greatest; and well 92-10 is completed near the

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

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. Bedrock aquifer water quality results for the reporting period are included as Appendix B on the attached compact disk.

Burro Canyon aquifer wells 93-205, 95-06, and 95-07 have been sampled every 5 years since October 2006. The wells were sampled most recently in April 2012 and are scheduled to be sampled next in April 2017. Prior to 2006 these wells were sampled at least yearly since their installation in 1993 (well 93-205) and 1995 (wells 95-06 and 95-07). Table 2 shows the latest 5-year sampling results for these wells and indicates that arsenic and uranium were detected at wells 93-205 and 95-06, respectively, at concentrations slightly above 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 2012 and October 2014

Well	COC Concentration—October 2014 ^a						
	Arsenic	Manganese	Molybdenum	Nitrate ^b	Selenium	Uranium	Vanadium
83-70 (October 2013)	0.16	250	0.87	10U ^c	0.05	0.03U	0.15
92-10	0.01	710	1.5	10U	0.03U	0.07	0.01U
93-01	0.14	64	0.03U	10U	0.03U	0.02	0.01U
	COC Concentration—April 2012 ^a						
	Arsenic	Manganese	Molybdenum	Nitrate ^b	Selenium	Uranium	Vanadium
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 as nitrogen

^c U = Undetected at listed value

4.6 Surface Water Quality

4.6.1 Montezuma Creek Water Quality

Figure 8 through Figure 14 show the current distribution of COCs in surface water based on samples collected during the reporting period at the routine OU III sampling locations. The April 2015 sampling event was conducted during a period of low stream flow; therefore, sample results are not biased by dilution effects of spring snow-melt or release from Loyds Lake.

Selenium and uranium were the only COCs with concentrations that exceeded remediation goals (5 µg/L and 30 pCi/L, which converts to approximately 44 µg/L, respectively) at one or more location for the most recent samples collected from Montezuma Creek (seeps and wetlands are addressed separately). Selenium and uranium are below remediation goals on the mill site and within about 0.75 mile downstream of the mill site until the Sorenson location is reached. At that location the uranium concentration was 170 µg/L compared to 27 µg/L at the nearest upstream

location (SW01-01). The selenium concentration was 7.2 µg/L at Sorenson compared to 0.81 µg/L at SW01-01. Consistent with historical monitoring results, uranium concentrations at and downstream of Sorenson remain above the OU III remediation goal for surface water. Selenium is diluted downstream of the Sorenson location to less than the restoration goal.

Concentrations of uranium and selenium have historically increased at the Sorenson location. The cause of these increases was investigated in 2009 and reported in the 2009 and 2010 OU III annual reports (DOE 2009b and DOE 2010, respectively). The investigation determined that the increases are from the discharge of contaminated groundwater from the alluvial aquifer to the creek between monitoring wells P92-06 and 92-09, and not from mill tailings in supplemental standards areas along the creek.

COCs that have 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. Surface water quality results for the reporting period are included as Appendix C on the attached compact disk.

4.6.2 Water Quality at Seeps

Figure 8 through Figure 14 show the current distribution of COCs in samples collected at groundwater seeps.

Seep 1 is expressed in the northwest corner of Wetland 3 as discharge from the alluvial aquifer and leakage from the creek. Seep 2 is east of Seep 1 and is likely less influenced by creek water and so is more representative of local groundwater quality. Monitoring data for Seep 1 and Seep 2 are not available for this reporting period because of insufficient water for sample collection. Historically, selenium and uranium have occasionally exceeded the standard.

Seeps 3, 5, and 6 are located along the north margin of the mill site and are topographically higher than the alluvial aquifer. They originate from suspected anthropogenic sources above the valley of Montezuma Creek and are expressed near the contact between unconsolidated 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, but insufficient water was available for sample collection at Seep 5 during the reporting period. Contaminant levels at Seep 5 in recent years have been below remediation goals. Seep 3 remains elevated in nitrate (43,000 µg/L) and selenium (100 µg/L).

Seep 6 remains elevated in selenium (7.7 µg/L) and the uranium concentration for this location recorded the highest measurement since monitoring of this location began in 2003 at 5,900 µg/L. However, this high concentration was during the October 2014 monitoring event and the more recent April monitoring concentration was significantly lower and more in line with historical levels (2,400 µg/L).

4.6.3 Water Quality at Wetland 3

Three wetlands were constructed as part of mill site restoration. Of those wetlands (Wetlands 1, 2, and 3), water quality monitoring continues only at Wetland 3 and occurs during the

April sampling at two locations (W3-03 and W3-04). Uranium is the only COC that exceeded the respective surface water remediation goal (30 pCi/L, which converts to approximately 44 µg/L). In April 2015, the uranium concentration was 61 µg/L at W3-03. Water quality in Montezuma Creek is not likely effected by uranium in Wetland 3, as observed at location SW00-02 where the concentration was 23 µg/L in April 2015.

4.6.4 Concentration Trends in Montezuma Creek and Seeps

4.6.4.1 Trending in Montezuma Creek

Figure 25 and Figure 26, respectively, present selenium and uranium concentrations in surface water samples collected from established monitoring sites along Montezuma Creek since April 2000. 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 (discontinued in 2012 in concurrence with EPA and UDEQ), and (2) these are the only COCs having in-stream concentrations above surface water standards.

Selenium concentrations in groundwater and in Montezuma Creek trended downward for about 5 years following OU I remedial actions. More recent increases in selenium concentrations (2009 and 2012–2014) in groundwater and surface water at some locations downgradient of the mill site (e.g., at SW00-04 and the Sorenson location) may be attributed to a greater proportion of contaminated groundwater entering the creek as base flow during dry periods. Otherwise, trending is not apparent for selenium in Montezuma Creek surface water samples and concentrations general remain below the water quality standard.

Uranium concentrations coincidentally increase with selenium at downgradient locations Sorensen, SW00-04, and SW92-08 (Figure 26). Uranium (and selenium) concentrations have been observed to increase at these locations since at least 1992 during the OU III RI. This occurrence was most recently studied in 2009, concluding that uranium and selenium contamination is the result of upstream discharge of contaminated groundwater in the vicinity of monitoring well 92-08 (DOE 2009c and DOE 2010).

Uranium concentrations in surface water show no apparent trending; however, at the three locations where the remediation goal is exceeded (Sorensen, SW00-04, and SW92-08; Figure 26) higher concentrations typically occur during the fall (October) monitoring event. Because of surface water/groundwater interaction, surface water quality improvement is expected to follow concentration trends of groundwater in the alluvial aquifer.

4.6.4.2 Trending in Seeps

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 have no apparent trend (Figure 27). Nitrate concentrations at Seep 6 remain at levels that are less than the groundwater remediation and surface water goals. Nitrate concentrations at Seep 5 for this reporting period are not available due to an insufficient quantity of water during sampling.

Selenium concentrations at Seep 1, Seep 2, and Seep 5 are not available during this reporting period due to insufficient quantities of water during sampling events. Selenium occurrence at Seep 3 (Figure 25) shows an early decrease followed by a period of gradual increase, 100 µg/L

(compared to the groundwater goal of 50 µg/L). Selenium concentration at Seep 6 remains at low levels that are much less than the groundwater goal and below the surface water goal (5 µg/L).

Uranium concentrations remain elevated along the north margin of the mill site at Seep 6 (approximately 5,900 µg/L in October 2014; Figure 29). As mentioned in Section 4.6.2, the concentration measured during the October sampling event at Seep 6 is the highest concentration since monitoring began and is two to three times greater than the average measured concentrations at this location.

LM 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 2009b). The evaluation determined that uranium contamination at Seep 6 originates from tailings-contaminated soil in a municipal water utility corridor that contains sanitary sewer and secondary water lines. The contaminated soil in the utility corridor was identified during prior remedial actions. It was left in place for future management as supplemental standards material under *Application for Supplemental Standards for City of Monticello Streets and Utilities*, May 1999.

Water expressed at Seeps 3 and 5 (when flowing) persistently contains uranium concentrations between about 40 and 50 µg/L. Seep 5 is located in an area where former ore milling was focused. Seep 3 is located east and outside of that area. The source of low-level uranium contamination at Seep 3 is uncertain. Concentration trending (increasing or decreasing) is not evident at either seep.

4.6.4.3 Seepage to Wetland 3

Seeps 1 and 2 are surface expressions of the local, moderately contaminated groundwater and so concentration trends at these seeps are expected to mimic the groundwater trends. Water quality data for Seep 1 and 2, which discharge directly to Wetland 3, are not available for this reporting period due to insufficient water for sample collection). Downward trending of selenium entering the wetland (Figure 28), similar to that at Seep 3, is observed. There is no apparent trending of uranium concentration at Seeps 1 and 2.

5.0 Hydrologic Monitoring

5.1 Surface Water Flow

Figure 30 presents a generalized depiction of gaining and losing conditions on Montezuma Creek based on field measurements and visual observations since 2000. Two prominent gaining reaches of the creek are recognized: the first spans the mill site between locations SW01-02 and SW00-02 and is attributed to discharge from the alluvial aquifer. In this reach, the alluvial aquifer receives recharge from anthropogenic sources above the alluvial valley. Montezuma Creek fully penetrates the alluvial aquifer in this reach and so acts to capture the groundwater.

The second gaining reach begins near the transition from the Dakota Sandstone to the Burro Canyon Sandstone in the valley floor (the Kd/Kbc contact is shown in Figure 49). Water is gained by the creek because the valley narrows and from upward flow of groundwater from the Burro Canyon aquifer, which is under semi-confined conditions. Numerous springs near the base

of the Burro Canyon aquifer are direct evidence of Burro Canyon aquifer discharge to the alluvial aquifer.

The losing stream condition from the mill site to the PRB was inferred from measured stream stage and water table elevation in nearby monitoring wells. Stream loss between SW00-02 and SW01-01 has been documented by open-channel flow measurements and visual observation. A losing stream condition in this reach may occur as the alluvial aquifer widens from the narrow, reconstructed corridor of the aquifer on the mill site. Between location SW01-01 and the SW92-06, stream gain and loss is variable. Some stream gain may occur from seasonal irrigation in this reach but there is no hydrologic feature that would represent a net loss of water from the system.

A losing stream condition typifies the reach where the upper bedrock consists of the Brushy Basin member of the Morrison Formation (eastern region inset in Figure 30). This may be because the alluvial valley widens and because some water may be absorbed into the weakly consolidated mudstone and siltstone comprising the formation. This portion of the Morrison Formation is not an important water-bearing unit.

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 is assumed to contribute minimal aquifer recharge because of presumed conservative irrigation practices.

The water level hydrographs for monitoring wells 82-20, MW00-01, and MW00-02 (Figure 31) indicate that the alluvial aquifer at the upgradient boundary of the mill site is subject to seasonal water table fluctuations of several feet, up to about 10 ft. Water levels at these wells reflect a decreasing trend in the water table elevation of 5 to 10 ft since a rebound from recent lows in 2002 (well 82-20 was decommissioned in September 2005). The corresponding maximum saturated thickness does not exceed about 10 ft.

On the mill site, the water table does not fluctuate as widely as at the upgradient boundary wells (water level hydrographs for mill site monitoring wells completed in the alluvial aquifer are shown in Figure 32). The hydraulic connection between the aquifer and creek, with the creek serving as a groundwater drain, may dampen water table fluctuations through the mill site reach. Water levels at monitoring wells on the mill site do not exhibit significant upward or downward trending since 2000 (Figure 32). The saturated thickness of the alluvial aquifer on the mill site is not more than about 5 ft.

Figure 34 shows water level hydrographs for selected monitoring wells (wells 92-11, 92-07, PW-18, 92-08, 92-09, 88-85, PW-17, MW00-06, and P92-06) located downgradient of the mill site. 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, alluvial groundwater 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 (contaminated water was treated prior to discharge to the creek).

After dewatering ceased, the water table upgradient of the PRB, installed in summer 1999, rebounded within 6 months to levels that approached pre-remediation conditions (at wells 88-85 and 92-07, for example). Water level rebound was likely enhanced by mounding at the PRB. 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 period of mill site dewatering likely accounts for the observed water table decline and subsequent recovery at wells 92-08 and P92-06 (Figure 33). Because of the greater distance from the dewatering activities and possible flow impedance by the PRB, the response at these locations is within several months of the initial perturbation. The effect of dewatering is dampened farther east at well 92-09.

5.2.1 Groundwater Mound at the PRB

A groundwater mound developed along the upgradient side of the PRB soon after it was installed. In Figure 34, the sharp water level decline observed at well 88-85 in 1998 is in response to large-scale dewatering of the mill site during the OU I remedial action. With the completion of this action, and following installation of the PRB (summer 1999), the water table at and near the PRB rose about 4 ft in elevation through 2009 above pre-PRB elevations (see water level hydrograph for well 88-85 in Figure 34). The rising water table at well 88-85 was mimicked at alluvial aquifer well R1-M3 (Figure 34), located about 3 ft upgradient of the PRB and at other PRB wells but was not observed to occur site-wide, suggesting groundwater mounding was a local effect at the PRB.

Initial groundwater mounding is attributed to a suspected zone of low hydraulic conductivity at the upgradient alluvium/PRB interface that resulted from the construction method (sediment compaction during sheet piling installation, and sediment smearing during sheet piling removal). Steep hydraulic gradients across the interface and concomitant mounding upgradient of the PRB were recognized and documented early after PRB installation. The groundwater mound is of concern because it indicates that flow through the PRB has been compromised.

In the several following years, groundwater mounding increased, likely the result of progressive loss of hydraulic conductivity from 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 (Figure 34). Apparent flow restriction through the PRB, whether at the interface or internally, accounts for about 5 ft of groundwater mounding at the PRB and 8 ft of vertical relief in the water table between the upgradient and downgradient interfaces of the PRB (horizontal separation is not more than 10 to 12 ft).

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 35). This suggests that although groundwater extraction from well EW-1 may have assisted in preventing additional groundwater mounding in this area, it did not reduce 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 remained at about 4 to 5 ft below ground surface.

Groundwater extraction from EW-1 by the ex situ treatment system also had no apparent effect on water levels at monitoring wells 92-07 and PW-17 (Figure 35) located about 200 ft and 300 ft south of the extraction well and near the end of the south slurry wall. 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). These results suggest that groundwater withdrawal at EW-1 did not decrease the quantity of groundwater flow around the south slurry wall (estimated to be less than 1 gpm prior to the start of pumping), but may have prevented increased bypass by stabilizing the groundwater mound. Additional information regarding the water table configuration and the groundwater mound in the AOA, as affected by operation of the remedy optimization system, is presented in Section 6.2.

5.3 Potentiometric Surface of the Burro Canyon Aquifer

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 locations of these well pairs. Water levels are monitored at these wells to confirm the long-term plume stability at the hydrologic boundary in this part of the canyon.

Water levels at these well pairs have been relatively stable over time, and demonstrate a consistent upward flow gradient from the Burro Canyon aquifer to the alluvial aquifer (Figure 36). 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. The direction (upward) and magnitude of this flow gradient was unchanged by increased groundwater production from the Burro Canyon aquifer by the City of Monticello in 2002 and 2003 to meet residential demand. This indicates that the hydrologic flow boundary is not affected during drought and municipal withdrawals from the Burro Canyon aquifer.

The water table of the Burro Canyon aquifer closer to the municipal production wells was affected, however. For example, about 15 ft of drawdown was observed at well 83-70 during 2002 through 2004 (Figure 27). Despite this increase in the downward flow potential from the alluvial aquifer to the Burro Canyon aquifer, water quality in the Burro Canyon aquifer at this location is not affected. The Dakota Sandstone aquitard that separates the two aquifers continues to prevent downward flow of contaminated groundwater in the alluvial aquifer.

Well 83-70 has been operated by the landowner in cooperation with LM for seasonal irrigation since 2006. Figure 36 shows recent gaps in water level measurement because landowner pumping equipment obstructed measurement access. Significant water level drawdown in the Burro Canyon aquifer at well 83-70 caused by landowner operation of the well is not apparent.

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 37) 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 related to

municipal well pumping rather than drought (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 that it is much higher than at Burro Canyon wells 95-02 and 95-04, which are near well 95-08 but are in the canyon. The much higher hydraulic head at well 95-08 is a measure of the hydraulic potential for groundwater discharge from the Burro Canyon aquifer along the floor of the canyon.

6.0 Groundwater Restoration Assessment

6.1 Uranium Trending in Groundwater

The ROD for OU III stipulated performance metrics for comparing MNA progress to model forecasts of restoration progress. For that purpose, the aquifer was divided into five regions (Figure 38) for separate evaluation of restoration progress, described under the following headings. The evaluations focus on selected monitoring wells in each region of the aquifer.

- Region 1 encompasses the former mill site, most of which was overlain by mill tailings or occupied by mill facilities. Groundwater recharge occurs by underflow from the west and anthropogenic 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), with the exception of T01-18 that has historically remained around 400 µg/L. Subtle downward trending since 2001 is apparent at the wells in this region (Figure 39); however, uranium persists at concentrations between about 50 and 200 µg/L. Notably, this range is consistent with that reported in LM 2001 as the “tailing effect” during column leach tests.

- Region 2 encompasses the area of Wetland 3 to the eastern boundary of the former mill site. Groundwater that flows across the eastern boundary of the former mill site passes through this region. Leakage of uncontaminated water from Wetland 3 is a source of groundwater recharge to Region 3.

Uranium concentrations in Region 2 are relatively low (100 to 160 µg/L). Downward concentration trends observed between 2001 and 2005 (Figure 40) have since stabilized at approximately 140 µg/L. Similar to Region 1, this range is consistent with the tailing effect observed in OU III column leach tests (DOE 2001).

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. Leakage of water from Wetland 3 may locally dilute contaminant concentrations in the aquifer.

- Region 3 is the area between the former mill site and the PRB. No portion of this region was overlain by the mill tailings impoundments. The PRB is considered the downgradient boundary of this region because it forms a local groundwater flow barrier. Lateral boundaries coincide with the margins of the alluvial aquifer where it terminates against bedrock slopes. Region 3 encompasses high concentrations of uranium in groundwater (approximately 1,000 µg/L uranium). Region 3 encompasses the AOA and the monitoring locations that are now in place as part of the groundwater remedy optimization. Water quality restoration progress specific to the AOA is addressed in Section 6.2.

Three of five of the selected wells in Region 3 (wells 92-11, 88-85, and PW-28) exhibited a slight downward trend in uranium concentration but since about 2008, concentrations are relatively static at about 200 µg/L, similar to Region 1 and 2 observations, and may imply a tailing effect. It is also noted that concentrations at wells 88-85 and 92-11 decreased significantly following mill site remediation.

Concentration trending at the remaining two of the selected wells in Region 3 (wells 92-07 and PW-17) contrast markedly with wells 92-11, 88-85, and PW-28 because concentrations are much greater and have also risen through 2007 to about 1,000 µg/L (Figure 41). Possible reasons are that (1) wells 92-07 and PW-17 are farther from the creek and less influenced by dilution, (2) well 92-11 groundwater may be diluted by leakage from underflow from the mill site, and (3) the area south of Montezuma Creek may have been initially more contaminated.

The rise in concentrations at 92-07 and PW-17 do not imply incomplete removal of mill tailings as a source of groundwater contamination but instead indicate plume movement in the area south of the creek toward the south end of the PRB slurry wall. The lack of downward trending south of the creek may also reflect flow stagnation at the PRB and limited groundwater underflow from Region 2 to the portion of Region 3 that is south of the creek.

- Region 4 extends from the PRB approximately 750 ft east to the location of monitoring well 82-08. Water quality in this area is affected by agricultural irrigation, by effluent from the PRB, suspected leakage from Montezuma Creek, and flow of contaminated groundwater around the south end of the PRB. Uranium concentrations vary in this region from <30 µg/L at well R10-M1 to about 410 µg/L at well MW00-06.

Concentrations in wells MW00-06 and MW00-07 have increased since 2005 (Figure 42), although well MW00-07 shows considerable variability in this apparent trend (well MW00-07 did not yield sufficient water for sample collection during the last two reporting periods). The concentrations at well MW00-06 for the current reporting period have shown a decrease since peaking at 1,100 µg/L in October 2012 and had a concentration of 410 µg/L in April 2015.

Uranium concentrations in Region 4 are expected to vary spatially and temporally because of (1) multiple water sources, (2) spatially variable initial uranium concentrations, (3) and plume movement, as exemplified 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 varies from several hundred micrograms per liter in the east portion (location 92-09, 510 µg/L) to background concentrations near the hydrologic boundary condition described in Section 3.3.3.

Trending is not apparent at Region 5 wells (Figure 43); instead, excepting well P92-06, concentrations remain relatively stable between about 200 and 400 µg/L. Uranium concentrations at well P92-06 increased to greater than 1,000 µg/L during 2007 to 2010 but have since decreased to approximately 450 µg/L. This event may represent movement of a pulse of contamination released during mill operation.

Uranium concentrations at well 92-09 may be increasing slightly over time at levels between approximately 300 and 500 µg/L; however, there has been much variability in concentrations in that range over time. Plume migration beyond Region 5 is not expected because of the natural hydrologic boundary described in Section 3.3.3.

6.2 Performance of the Contingency Remedy Optimization System

The newly installed remedy optimization system, which extracts and monitors alluvial groundwater in the AOA, operated without unplanned shutdown from February 2015 through April 2015. AOA water quality and water level results for the reporting period are included as Appendix F and G, respectively, on the attached compact disk.

6.2.1 Extraction Rate and Volume

Through 3 months of near-continuous operation (February through April 2015) in this reporting period, the groundwater extraction system could sustain a cumulative pumping rate from the eight extraction wells of between about 15 and 20 gpm. The volume of groundwater extracted through April 2015 was approximately 2.7 million gallons. This is equivalent to approximately 1.4 times the estimated pore volume of groundwater in the AOA. The groundwater extraction rate is expected to decrease with continued pumping. The remedy optimization system will be operated to periodically cease pumping to allow water level and contaminant rebound after sustained dewatering and water level drawdown. It is anticipated that this cyclical approach will maximize contaminant recovery.

6.2.2 Water Table Configuration

The water table of the alluvial aquifer is depicted in contour maps in Figure 44 (July 2014, prior to initiating pumping) and Figure 45 (April 2015, during sustained pumping). During non-pumping conditions, and consistent with previous investigations, groundwater flow is generally west to east. Groundwater inflow to the AOA is from underflow across the eastern boundary of the mill site and from Montezuma Creek. Some groundwater may also flow beneath the creek from the north to enter the AOA.

In the absence of groundwater extraction (base-line conditions), groundwater flows out of the AOA at the southern end of the PRB south slurry wall (near well PW-17), through the PRB (minimal), and as discharge to Montezuma Creek where groundwater mounding is most pronounced nearest the PRB. The same inflow and outflow boundaries that are identified during baseline conditions are applicable to when the extraction system is operating. Groundwater extraction to date has apparently not altered the configuration of the water table in the AOA. There is no obvious cone of depression to define the capture zone of the extraction wells.

The water table in the AOA is observed to have risen by several feet during the reporting period. The rise in the water table, attributed to a wet winter and spring, is reflected in Figure 46 where the difference in groundwater elevation between July 2014 and April 2015 is displayed. Negative values imply a rise in the water table since July 2014. The water table rise throughout the AOA is consistent at about 2 ft. Water level hydrographs presented as Figure 47 and Figure 48 also illustrate the overall water table rise in the AOA from July 2014 to April 2015.

6.2.3 Uranium Concentrations in Area of Attainment

The distribution of uranium in groundwater at extraction and monitoring wells in the AOA for July 2014 (prior to groundwater pumping) is shown in Figure 49. Concentrations are more dilute

(several hundreds of micrograms per liter) nearest Montezuma Creek when compared with concentrations of more than 1,000 µg/L at locations farther from the creek. Groundwater that enters the AOA from the west contains relatively low concentrations of uranium (less than 150 µg/L at wells T00-04 and T01-01). Surface water entering the AOA is also low in uranium (less than 20 µg/L at location SW00-02). Uranium concentrations in groundwater north of the creek, for example at wells 92-11 and PW-18, are generally less than about 200 µg/L. These data indicate that the high concentrations of uranium observed in the AOA do not result from an upgradient source.

Figure 50 shows uranium distribution at AOA monitoring wells and surface water for April 2015. Extraction wells were excluded from sampling at that time. The distribution and magnitude of uranium in groundwater is similar to that observed for the baseline monitoring event of July 2014, but concentration decreases are noted at many locations, as shown in Figure 51, where positive values indicate concentration decreases (July 2014 value minus April 2015 value). Concentrations in April 2015 are typically lower by about 100 to 200 µg/L than before the start of the remedy optimization; however, uranium concentrations in the AOA remain generally more than 10 times the remediation goal.

6.2.4 Uranium Mass Removal

The remedy optimization system is estimated to have removed approximately 19 pounds of uranium from the alluvial aquifer cumulatively from February through April 2015. Approximately 77 pounds of uranium were estimated to have been removed cumulatively by the ex situ treatment system during 10 years of operation. The total mass of uranium (dissolved and sorbed phases) in the AOA before the start of active remediation is estimated to be 350 pounds. Sorbed uranium is expected to serve as a long-term, secondary source of groundwater contamination.

6.2.5 Uranium Concentration Trending in Area of Attainment

Figure 52 and Figure 53 depict uranium concentration in groundwater over time at AOA monitoring wells. The figures depict reduction in uranium concentrations by 100 to 200 µg/L at many of the monitoring wells since the remedy optimization system was started in February 2015. Because the period of record is short, long-term forecast of restoration progress based on trend projections is inappropriate at this time.

The general decrease of uranium concentration in the AOA is attributed to mass removal by the remediation system and the inflow of relatively dilute water from Montezuma Creek groundwater from the west and north.

6.2.6 Pond 4

The water level in Pond 4 is monitored to ensure that leak detection and recovery systems are functioning properly and in the long-term to prevent overflow. The capacity of Pond 4 (16 million gallons) is presently far from being approached by water received from the remedy expansion or from repository drainage. Cumulatively, approximately 2.7 million gallons of groundwater were transferred to Pond 4 through April 2015. The water level in Pond 4 at the end

of April 2015 was approximately 3.5 ft above the floor of the pond. This is approximately 16 ft below the bottom of the Pond 4 overflow pipe.

7.0 Year in Review Summary

- No anomalous monitoring results or site conditions are noted for the reporting period that would identify a concern of contaminant source control or contaminant plume control.
- Uranium is the primary COC for potential risk to human health: groundwater concentrations remain in much of OU III by as much as approximately 30 times the restoration standard (30 µg/L).
- Restoration goals for molybdenum, nitrate, and vanadium are currently at or below the respective restoration goal.
- Arsenic and selenium concentrations only marginally exceed the respective restoration goal and the contamination is very limited in extent.
- Manganese contamination is limited to several locations on the former mill site. Its distribution does not conform to a conventional concept of plume geometry nor is it similar in distribution of the other COCs.
- Uranium concentration trending indicates a prolonged period of aquifer restoration.
- Operation of the ex situ treatment system was discontinued in December 2014. The system was effective at removing contaminant mass but corresponding trends in contaminant concentration were not evident.
- The groundwater contingency remedy optimization system became fully operational in February 2015, with a system of 8 extraction wells and 16 monitoring wells in a focused AOA. The AOA is characterized by well-defined hydrogeologic boundaries and contaminant distribution.
 - Operation of this system captures significant contaminant mass (19 pounds of uranium through April 2015). Uranium concentration in the extract averaged approximately 750 µg/L. Extraction rates from the AOA were sustained at approximately 20 gallons per minute.
 - The extraction rate is expected to decrease as the AOA is dewatered over time. Operation of this system is intended to cycle between periods of aquifer dewatering and water level recovery.
 - Concentrations of uranium in the AOA trend downward; however, the period of observation is short, so a long-term forecast of remediation progress to meet remediation goals is not appropriate at this time.

8.0 References

DOE (U.S. Department of Energy), 1998a. *Monticello Mill Tailings Site, Operable Unit III—Remedial Investigation*, GJO-97-6-TAR, Grand Junction Office, Grand Junction, Colorado, September.

DOE (U.S. Department of Energy), 1998b. *Record of Decision for an Interim Remedial Action at the Monticello Mill Tailings Site, Operable Unit III—Surface Water and Ground Water, Monticello, Utah*, GJO-98-51-TAR, Grand Junction Office, Grand Junction, Colorado, August.

DOE (U.S. Department of Energy), 1999. *Application for Supplemental Standards for City of Monticello Streets and Utilities*. GJO-98-68-TAR. Prepared by MACTEC-ERS for the U.S. Department of Energy, Grand Junction Projects Office, Grand Junction, Colorado.

DOE (U.S. Department of Energy), 2001. *Monticello Mill Tailings Site, Operable Unit III Interim Remedial Action Progress Report—July 2000–July 2001*, GJO-2001-239-TAR, Grand Junction Office, Grand Junction, Colorado, August.

DOE (U.S. Department of Energy), 2004a. *Record of Decision for the Monticello Mill Tailings (USDOE) Site, Operable Unit III, Surface Water and Ground Water, Monticello, Utah*, DOE-LM/GJ629-2004, Office of Legacy Management, Grand Junction, Colorado, May.

DOE (U.S. Department of Energy), 2004b. *Monticello Mill Tailings Site Operable Unit III Final Remedial Investigation Addendum/Focused Feasibility Study*, GJO-2003-413-TAC, Grand Junction, Colorado, January.

DOE (U.S. Department of Energy), 2005. *Variation in Hydraulic Conductivity over Time at the Monticello Permeable Reactive Barrier*, DOE-LM/GJ803-2005, ESL-RPT-2005-01, Office of Legacy Management, Grand Junction, Colorado, February.

DOE (U.S. Department of Energy), 2006a. *Hydraulic Conductivity of the Monticello Permeable Reactive Barrier—November 2005 Update*, DOE-LM/GJ1086-2006, ESL-RPT-2006-01, Office of Legacy Management, Grand Junction, Colorado, January.

DOE (U.S. Department of Energy), 2006b. *Monticello Mill Tailings Site Operable Unit III Annual Ground Water Report October 2005 through April 2006*, DOE-LM/GJ1312-2006, Office of Legacy Management, Grand Junction, Colorado, September.

DOE (U.S. Department of Energy), 2007. *Monticello Mill Tailings Site Operable Unit III—Analysis of Uranium Trends in Ground Water*, DOE-LM/1514-2007, Office of Legacy Management, Grand Junction, Colorado, August.

DOE (U.S. Department of Energy), 2008. *Ground-Water Table and Chemical Changes in an Alluvial Aquifer During Sustained Pumping at the Monticello, Utah, Zero-Valent Iron Treatment Cells*, DOE-LM/1560-2008, ESL-RPT-2008-01, Office of Legacy Management, Grand Junction, Colorado, January.

DOE (U.S. Department of Energy), 2009a. *Explanation of Significant Difference for the Monticello Mill Tailings (USDOE) Site, Operable Unit III, Surface Water and Ground Water, Monticello, Utah*, Office of Legacy Management, Grand Junction, Colorado, January.

DOE (U.S. Department of Energy), 2009b. *Monticello Mill Tailings Site Operable Unit III Annual Groundwater Report May 2008 through April 2009*, LMS/MNT/S05378, Office of Legacy Management, Grand Junction, Colorado, October.

DOE (U.S. Department of Energy), 2010. *Monticello Mill Tailings Site Operable Unit III Annual Groundwater Report May 2009 through April 2010*, LMS/MNT/S06596, Office of Legacy Management, Grand Junction, Colorado, September.

DOE (U.S. Department of Energy), 2014. *Groundwater Contingency Remedy Optimization Remedial Design/Remedial Action Work Plan for the Monticello Mill Tailings Site Operable Unit III, Monticello, Utah*, LMS/MNT/S10629, Office of Legacy Management, Grand Junction, Colorado, May.

UDAS (Utah Department of Administrative Services), 2014. Utah Administrative Code R317, Environmental Quality, Water Quality, Rule 317-2, Standards of Quality for Waters of the State, www.rules.utah.gov/publicat/code/r317/r317-002.htm, accessed September 16, 2015.

UDWQ (Utah Division of Water Quality), 2014. *Lloyds Reservoir*, <http://www.deq.utah.gov/ProgramsServices/programs/water/watersheds/watersheds/docs/2006/08Aug/LLOYDS.pdf>, accessed September 16, 2015.

Weres, O., H.R. Bowman, A. Goldstein, E.C. Smith, and L. Tsao, 1990. “The Effect of Nitrate and Organic Matter upon Mobility of Selenium in Ground Water and in a Water Treatment Process,” *Water, Air, and Soil Pollution*, 49: 251–272, Kluwer Academic Publishers, Netherlands.

WRCC (Western Regional Climate Center), 2014. <http://www.wrcc.dri.edu/>, accessed September 23, 2014.

Wright, W.G., 1999. “Oxidation and Mobilization of Selenium by Nitrate in Irrigation Drainage,” *Journal of Environmental Quality*, 28(4): 256–264.

Wright, W.G., and D.L. Butler, 1993. “Distribution and Mobilization of Dissolved Selenium in Ground Water of the Irrigated Grand and Uncompahgre Valleys, Western Colorado,” in Allen, R.G., and C.M.U. Neale (Eds.), *Management of Irrigation and Drainage Systems—Integrated Perspectives*, American Society of Civil Engineers, New York, 770–777.

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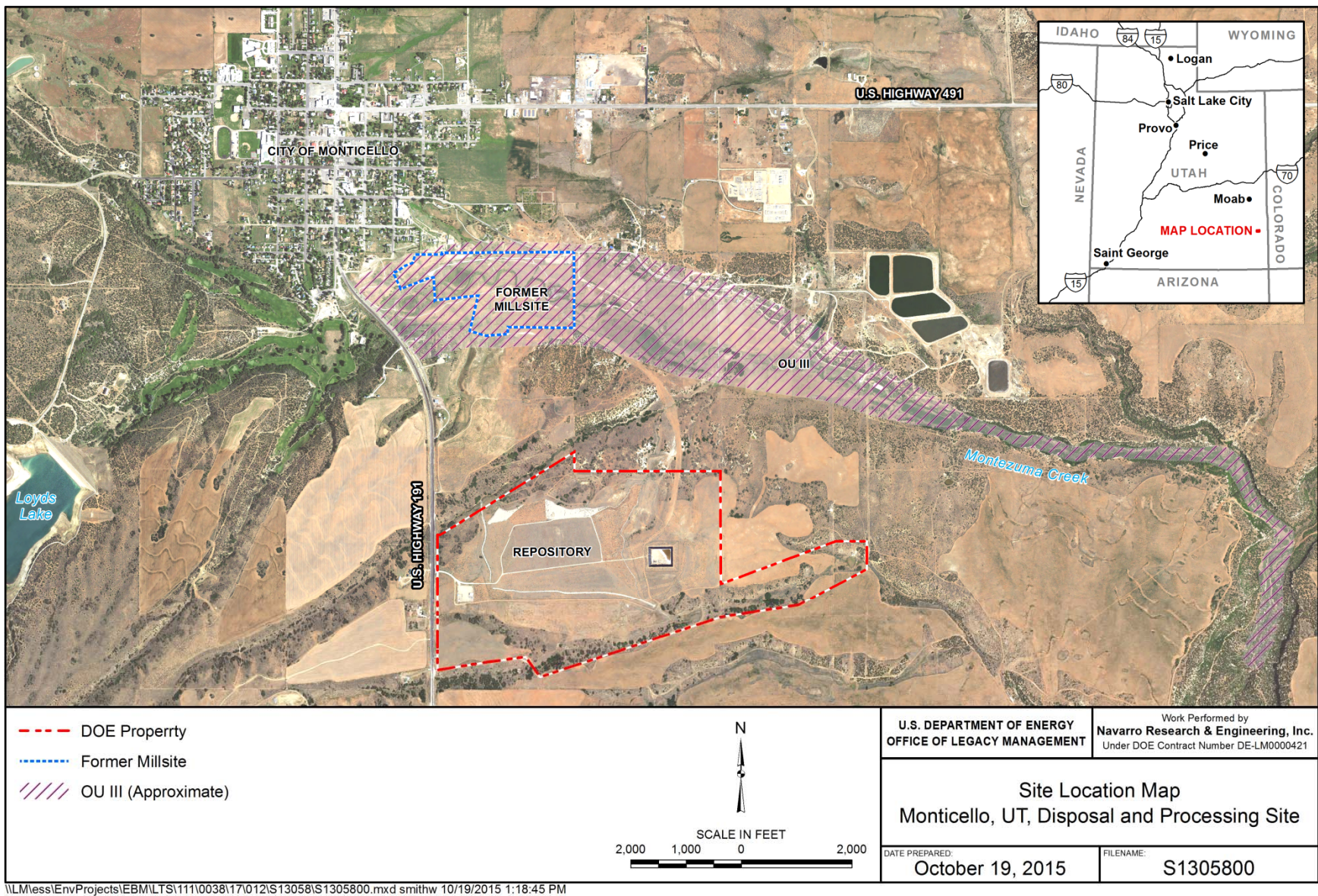


Figure 1. Location of the Monticello Mill Tailings Site

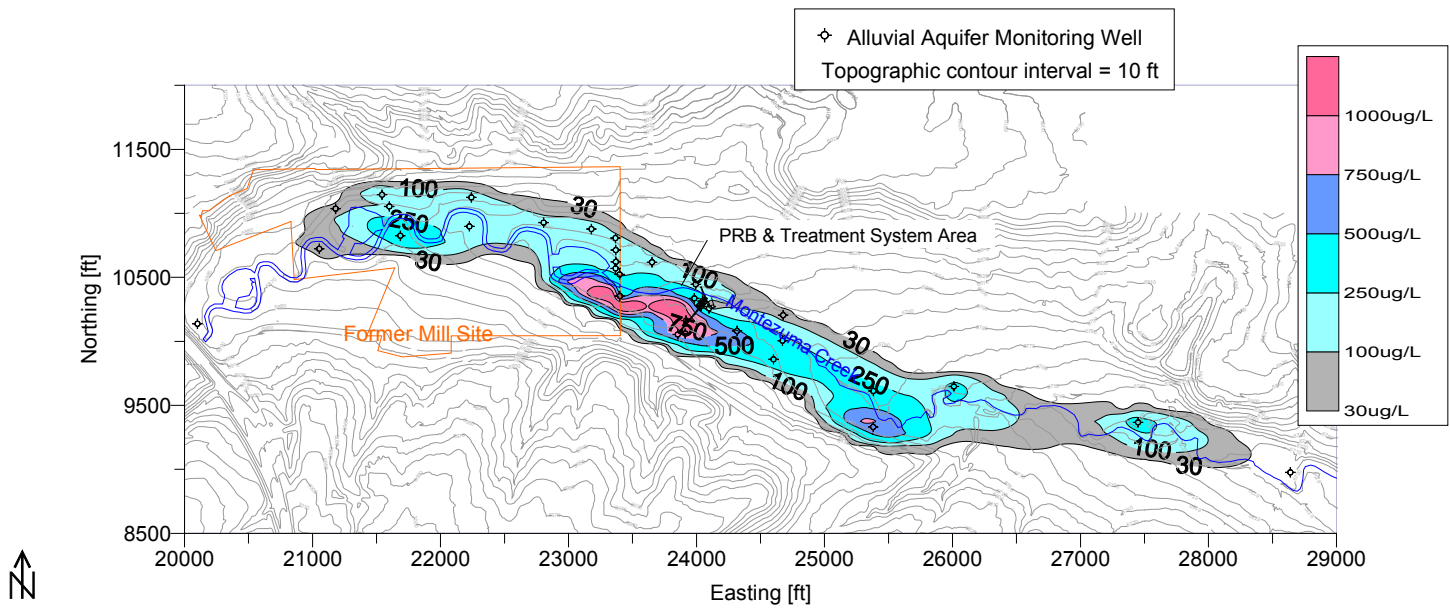
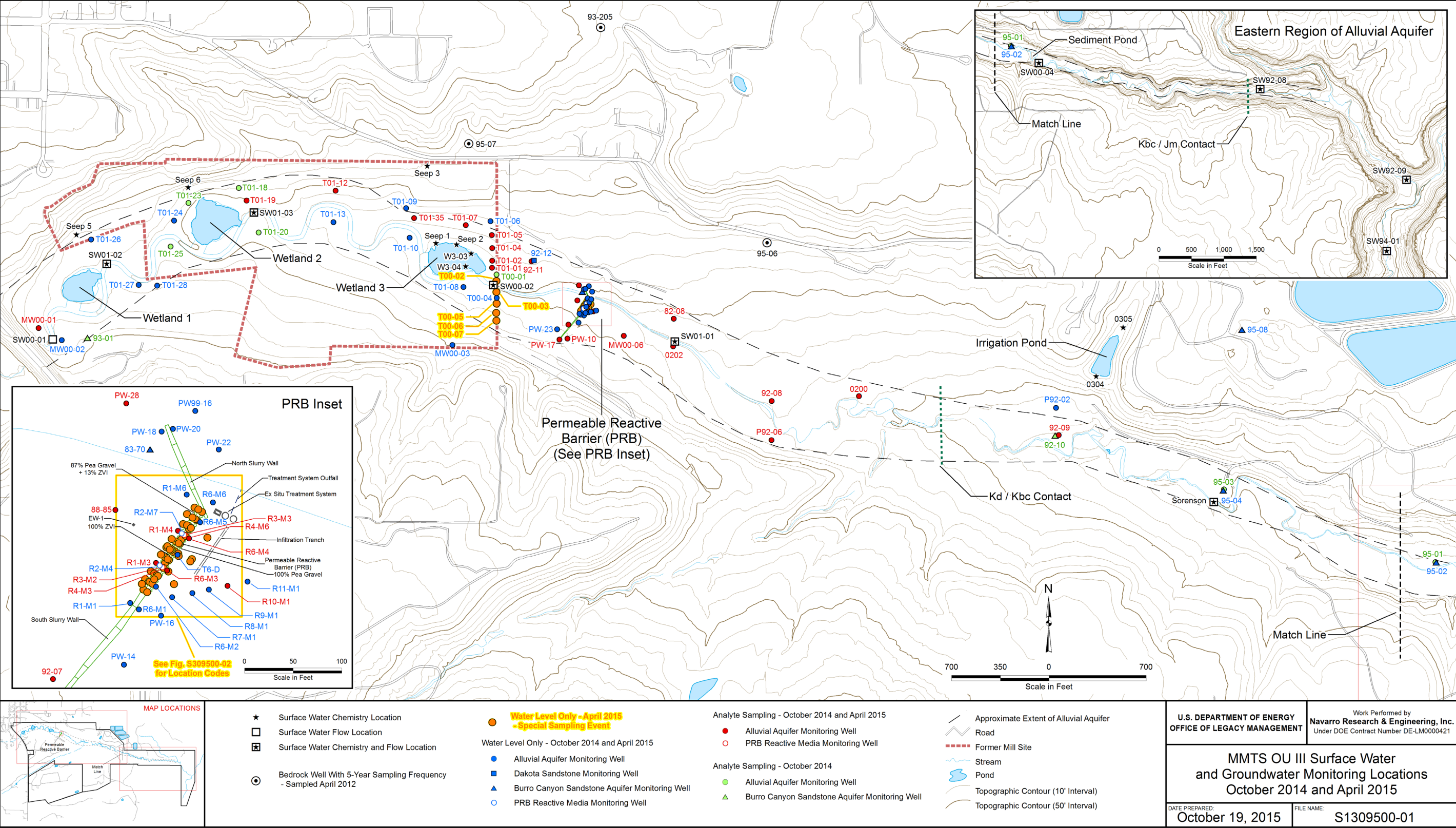
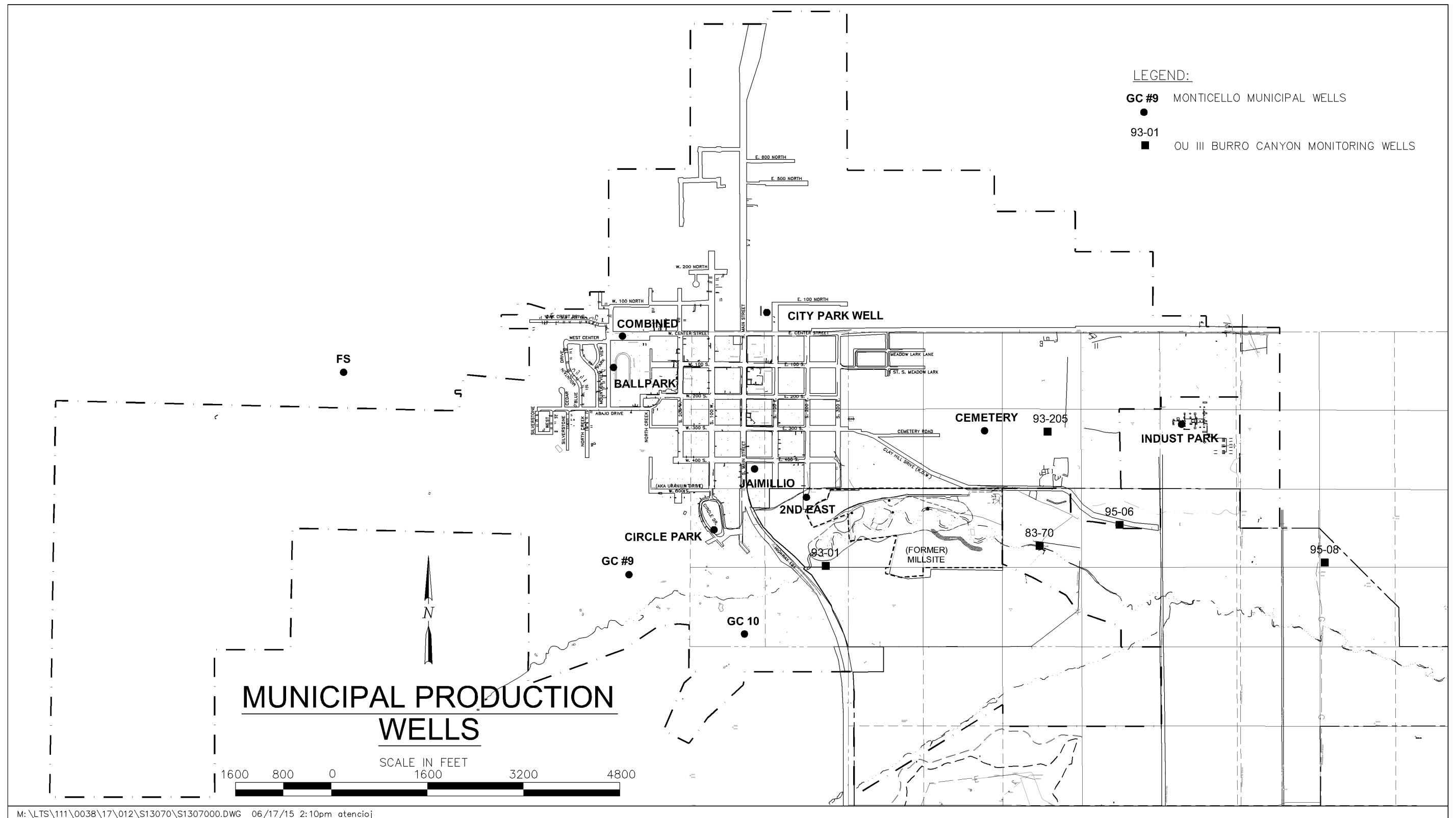


Figure 2. Estimated Uranium Groundwater Plume, 2009
 (Includes data from special groundwater investigation, April 2009)



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



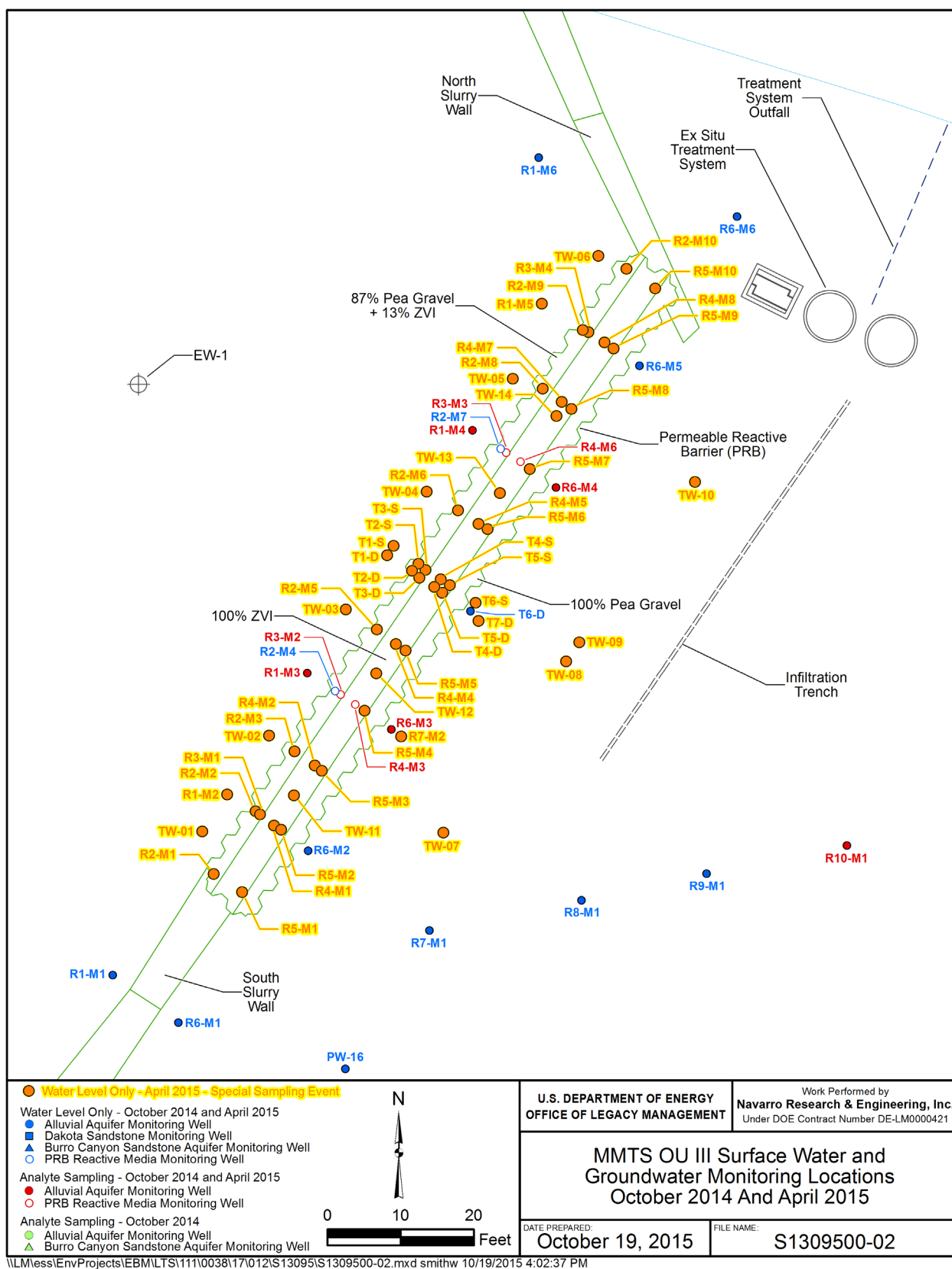
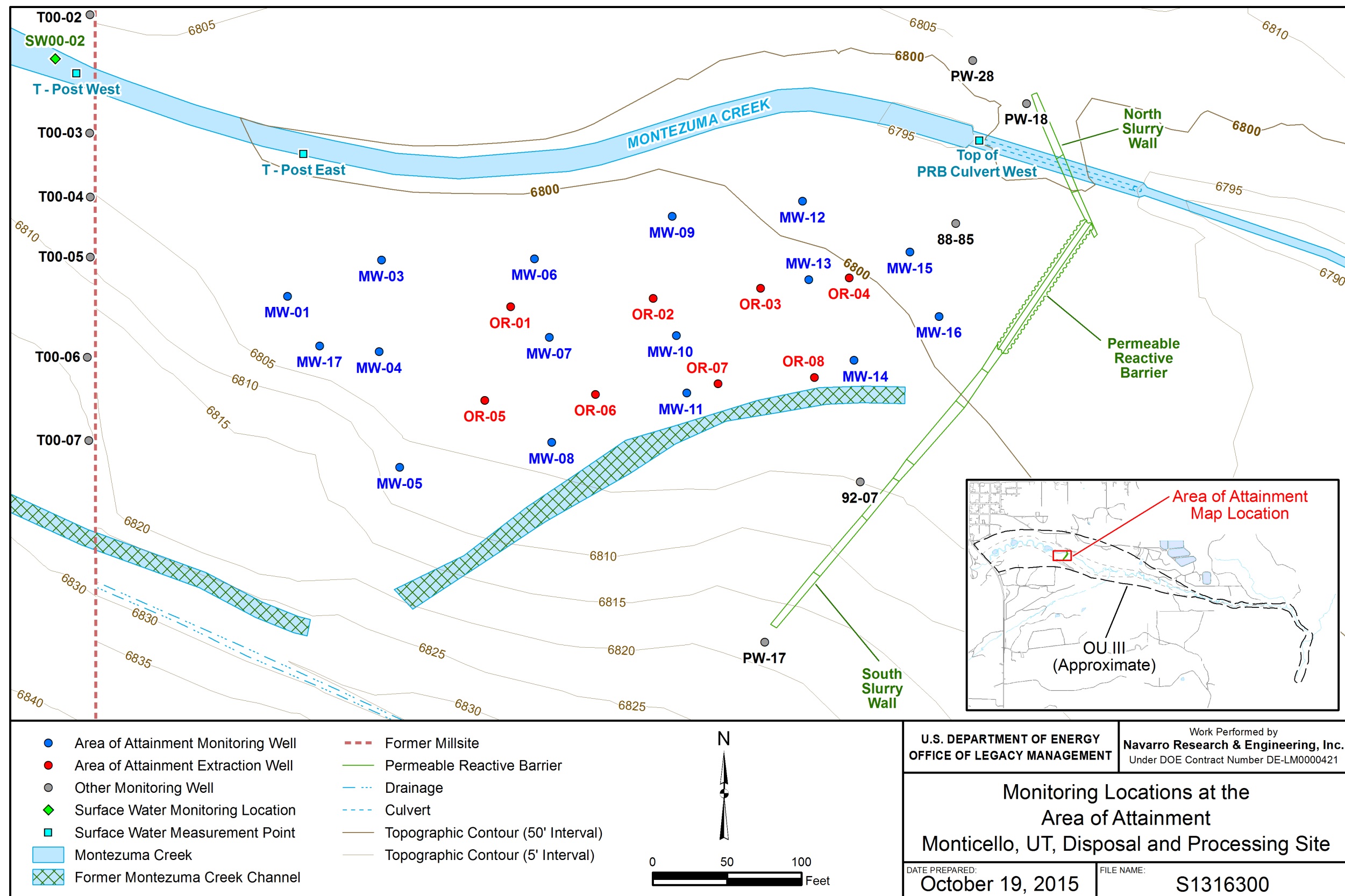


Figure 5. MMTS OU III Surface Water and Groundwater Monitoring Locations at the PRB



Figure 6. View Northwest Overlooking the AOA from the Former Haul Road



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Figure 7. Area of Attainment Monitoring Locations

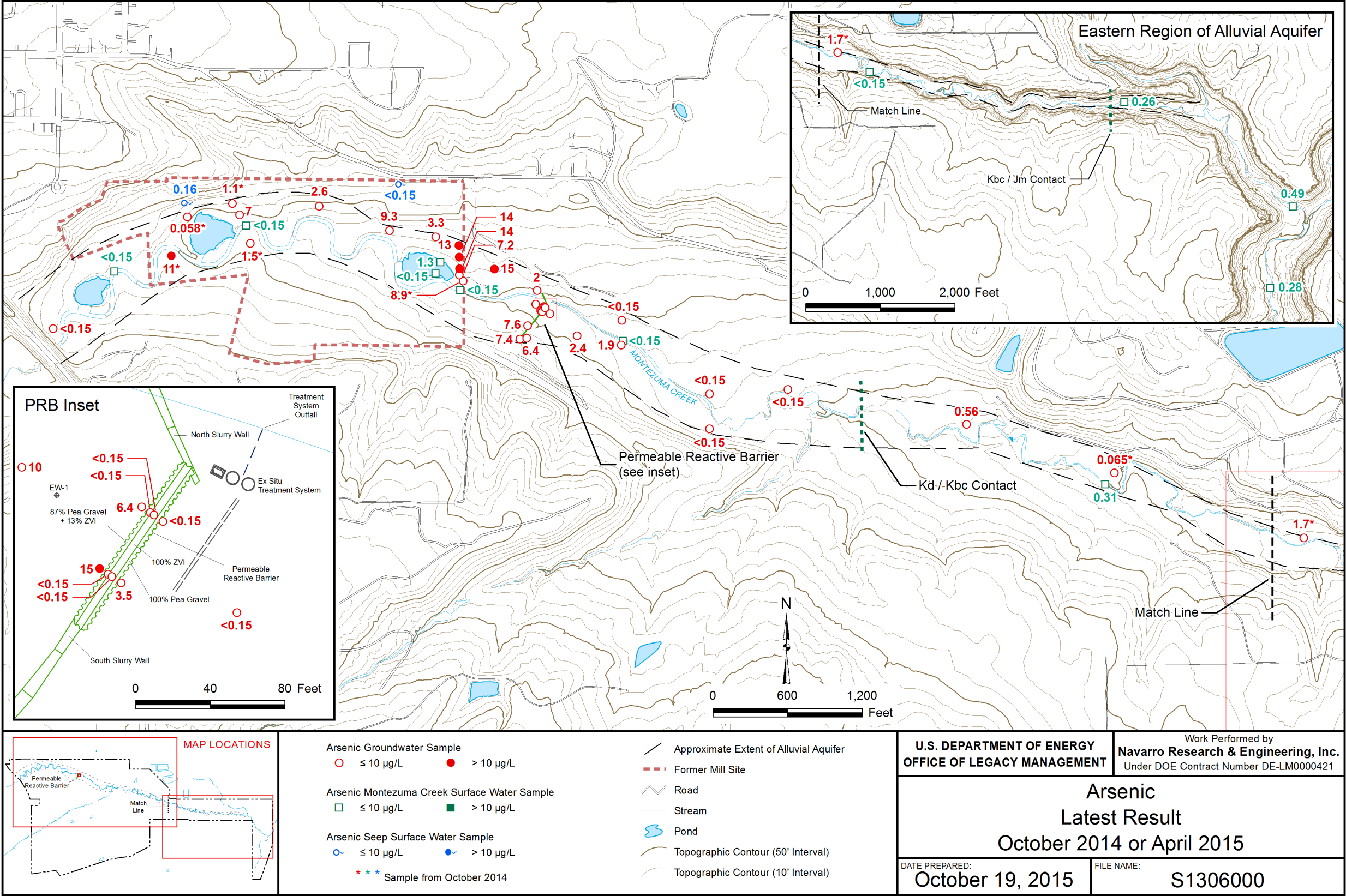


Figure 8. Distribution of Arsenic in Surface Water and Alluvial Aquifer Groundwater, Current Reporting Period

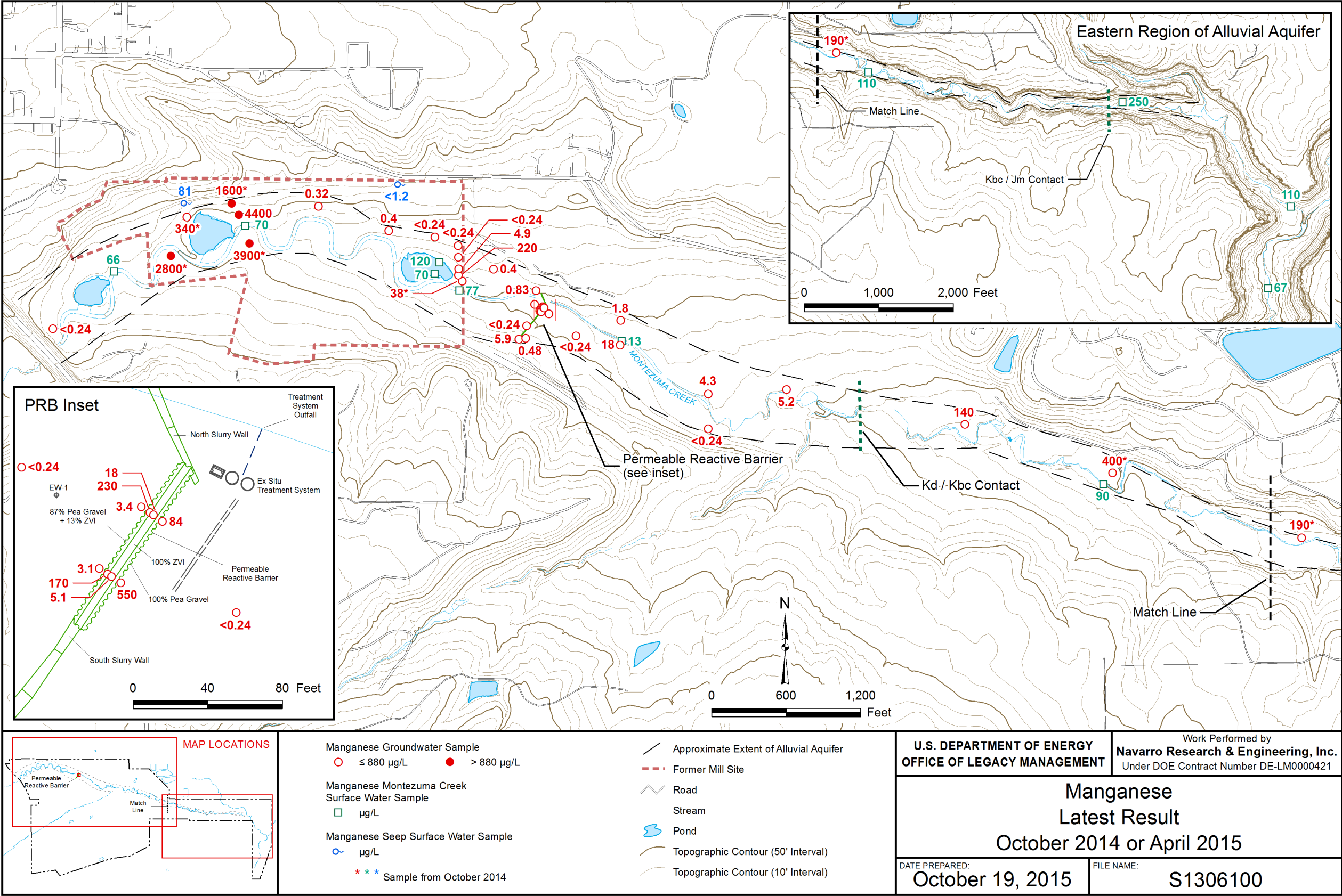


Figure 9. Distribution of Manganese in Surface Water and Alluvial Aquifer Groundwater, Current Reporting Period

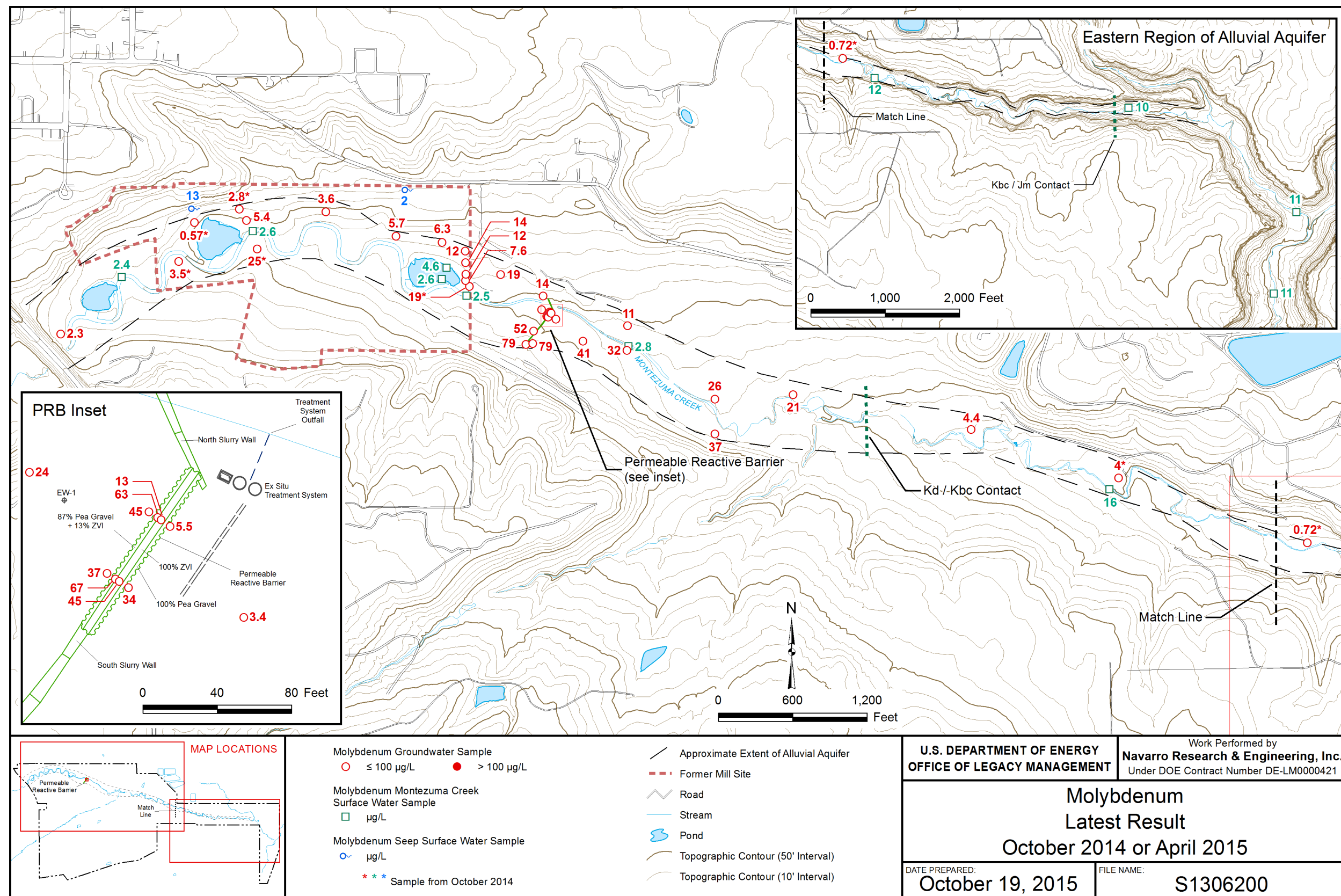


Figure 10. Distribution of Molybdenum in Surface Water and Alluvial Aquifer Groundwater, Current Reporting Period

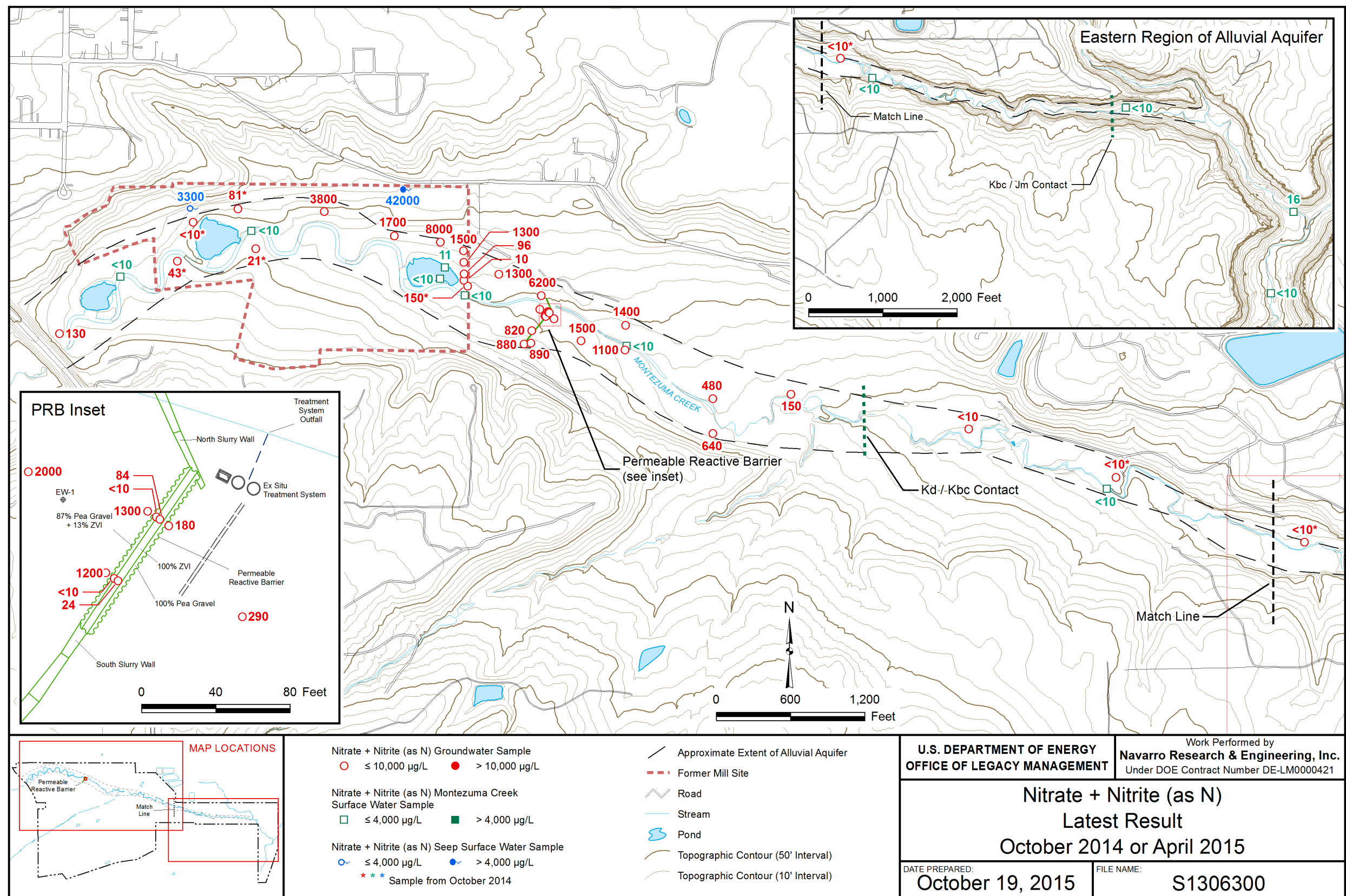
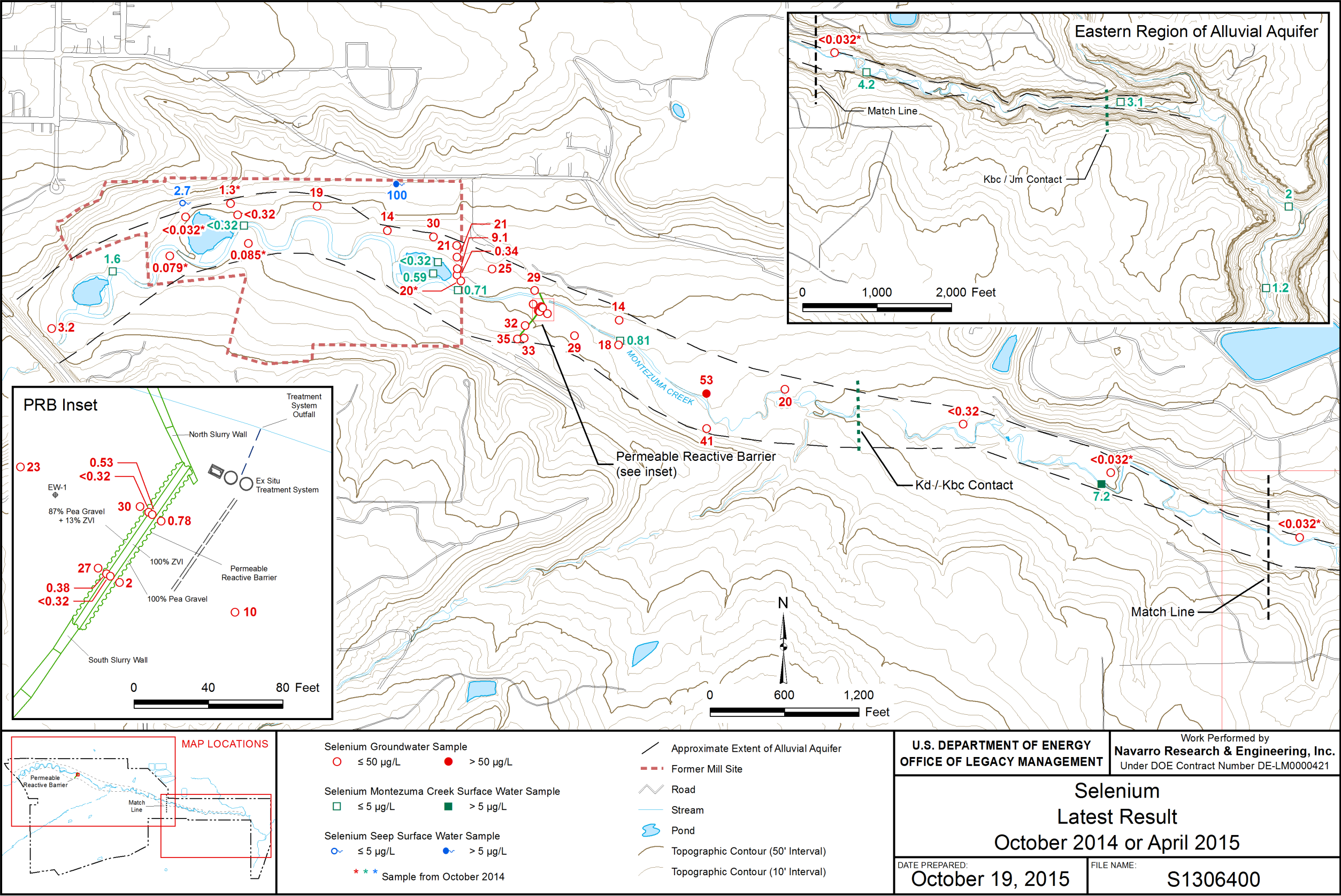


Figure 11. Distribution of Nitrate (as Nitrogen) in Surface Water and Alluvial Aquifer Groundwater, Current Reporting Period



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Figure 12. Distribution of Selenium in Surface Water and Alluvial Aquifer Groundwater, Current Reporting Period

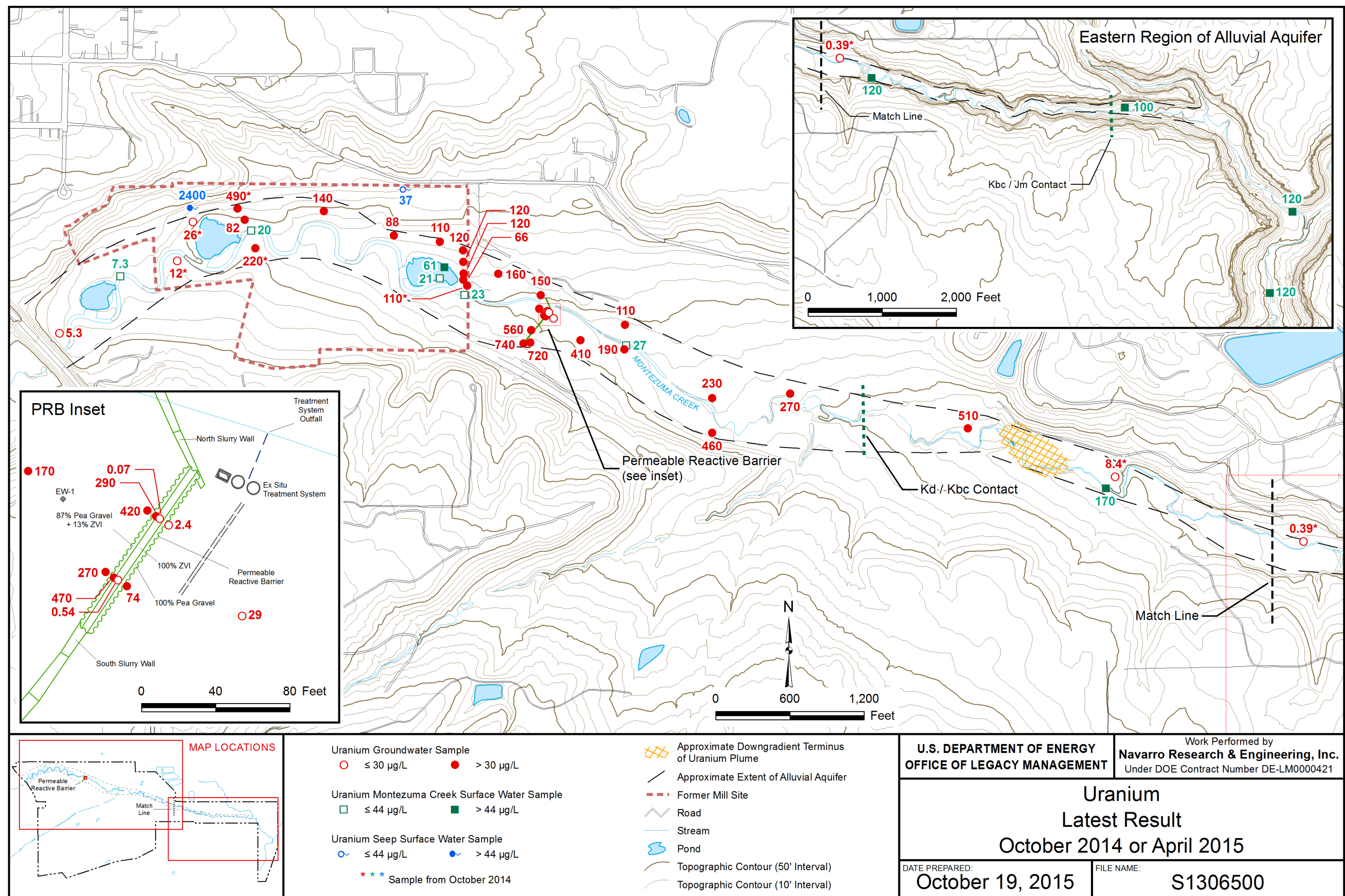


Figure 13. Distribution of Uranium in Surface Water and Alluvial Aquifer Groundwater, Current Reporting Period

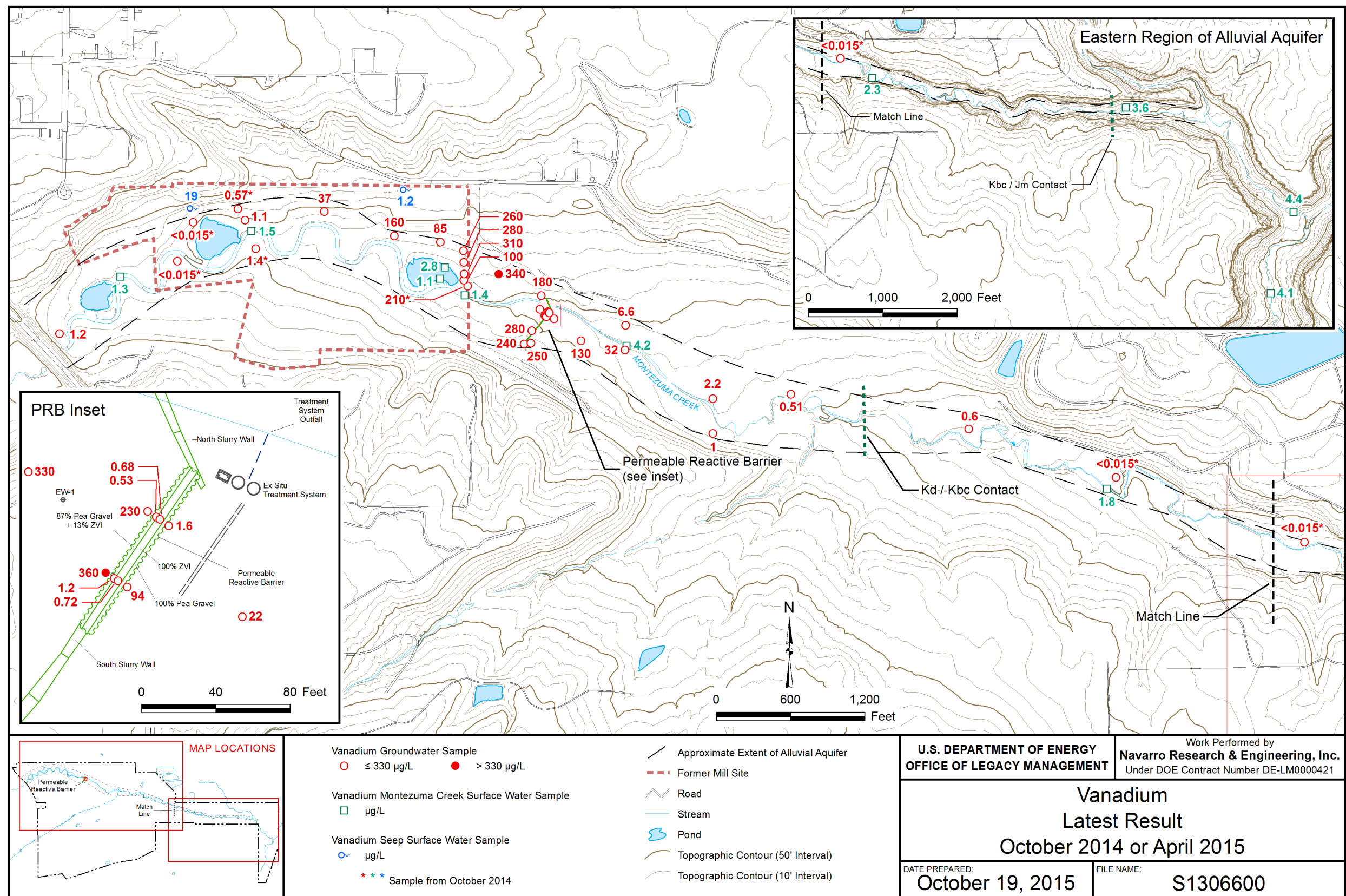


Figure 14. Distribution of Vanadium in Surface Water and Alluvial Aquifer Groundwater, Current Reporting Period

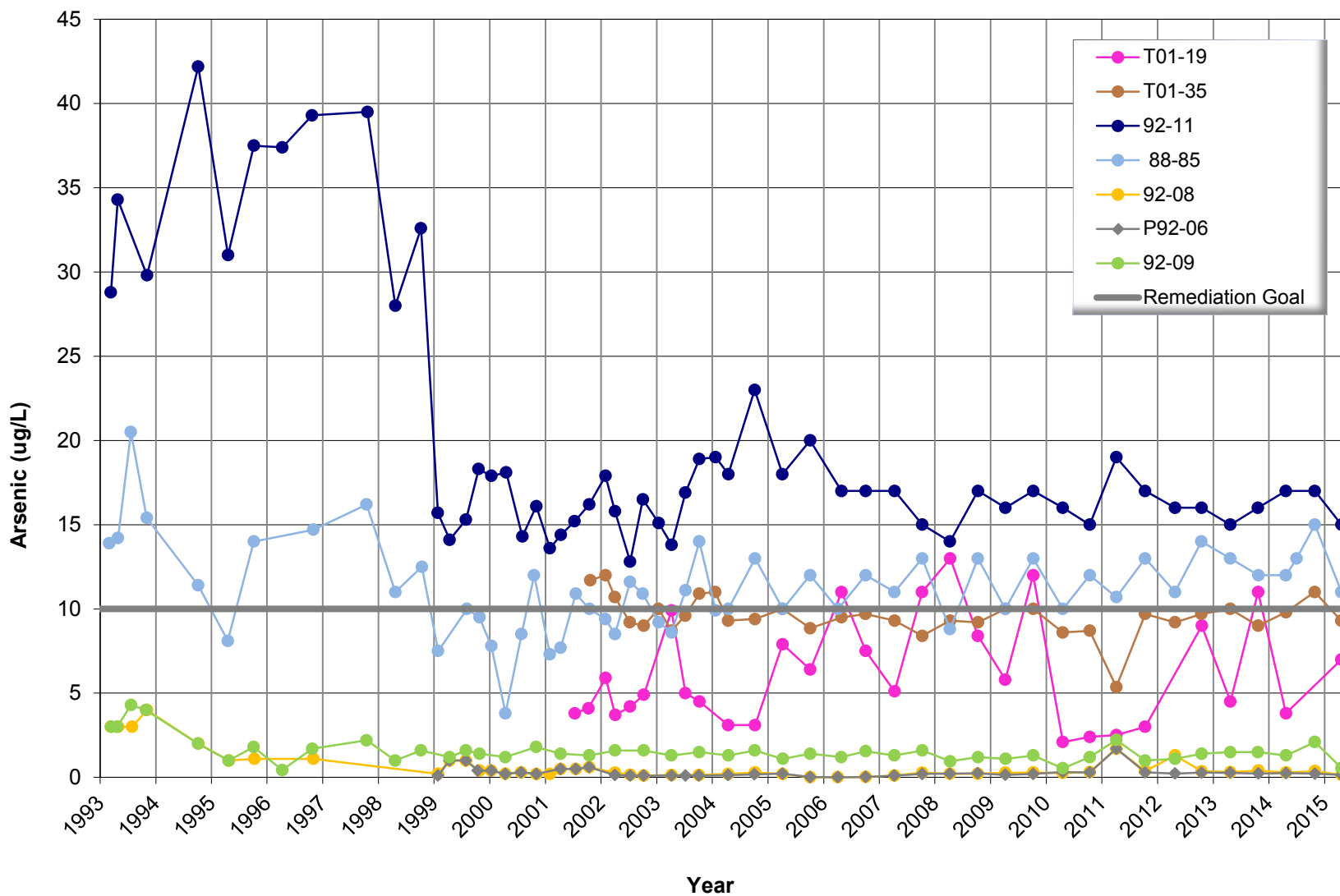


Figure 15. Arsenic Concentration over Time at Selected Alluvial Aquifer Monitoring Wells

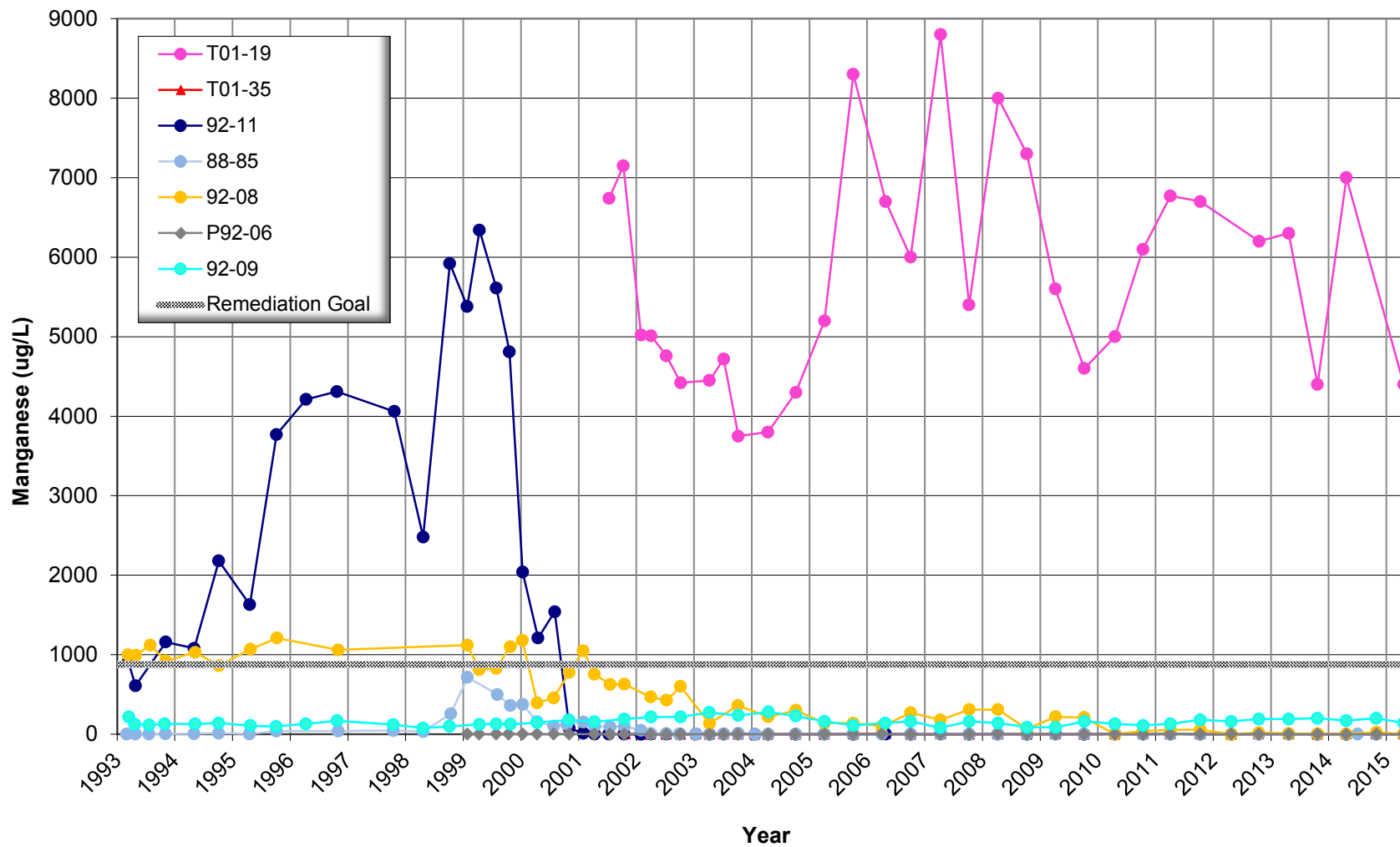


Figure 16. Manganese Concentration over Time at Selected Alluvial Aquifer Monitoring Wells

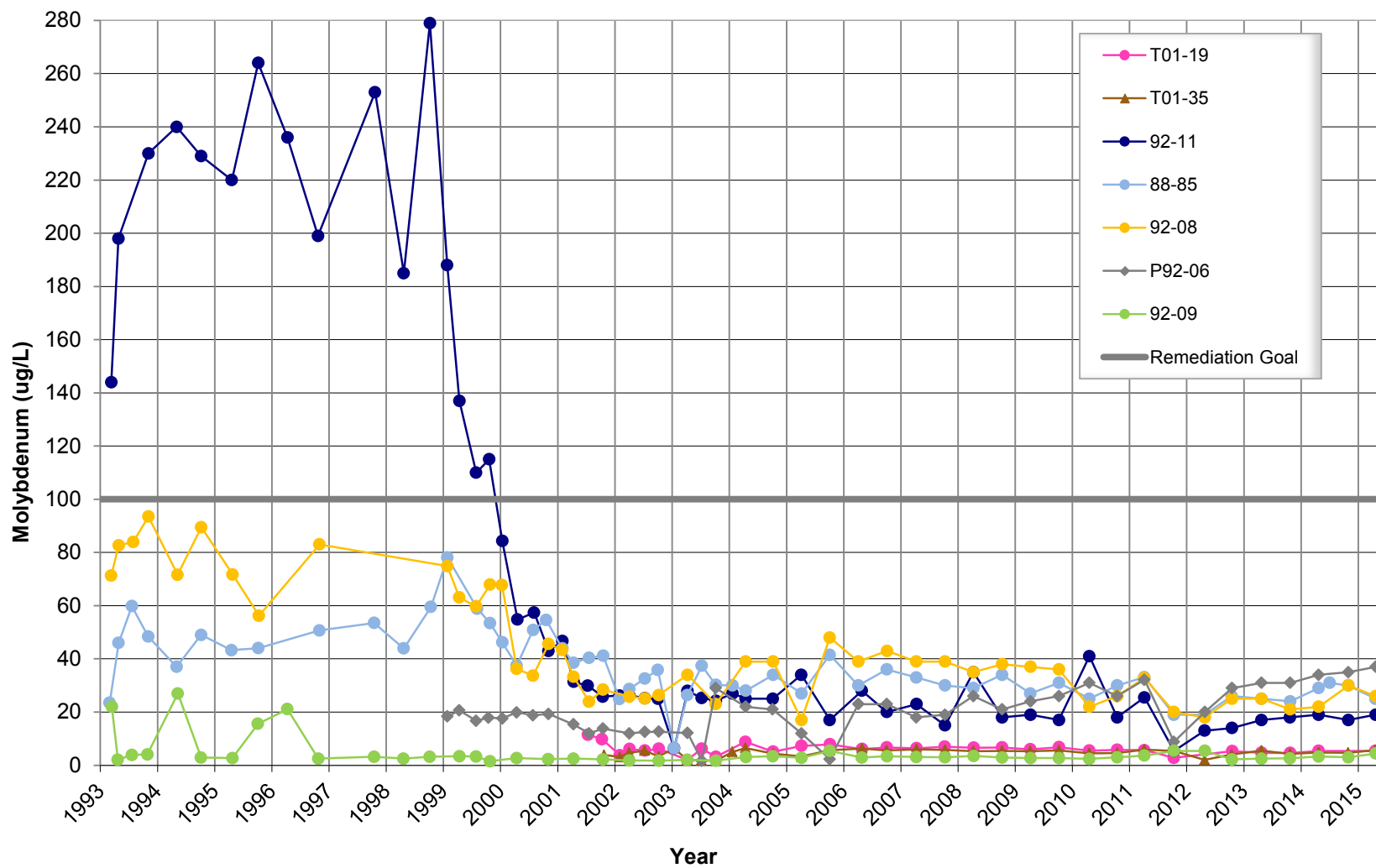


Figure 17. Molybdenum Concentration over Time at Selected Alluvial Aquifer Monitoring Wells

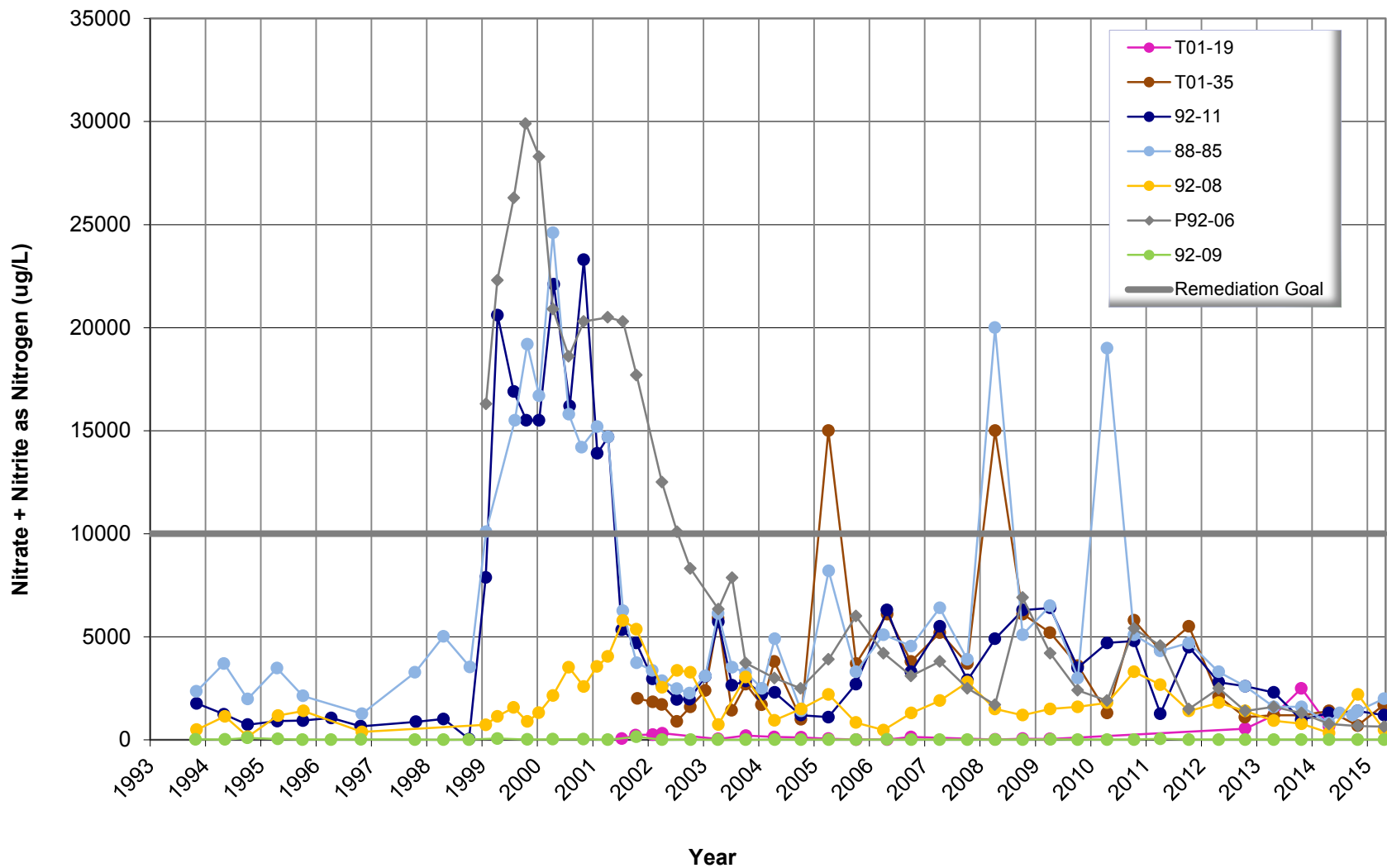


Figure 18. Nitrate (as Nitrogen) Concentration over Time at Selected Alluvial Aquifer Monitoring Wells

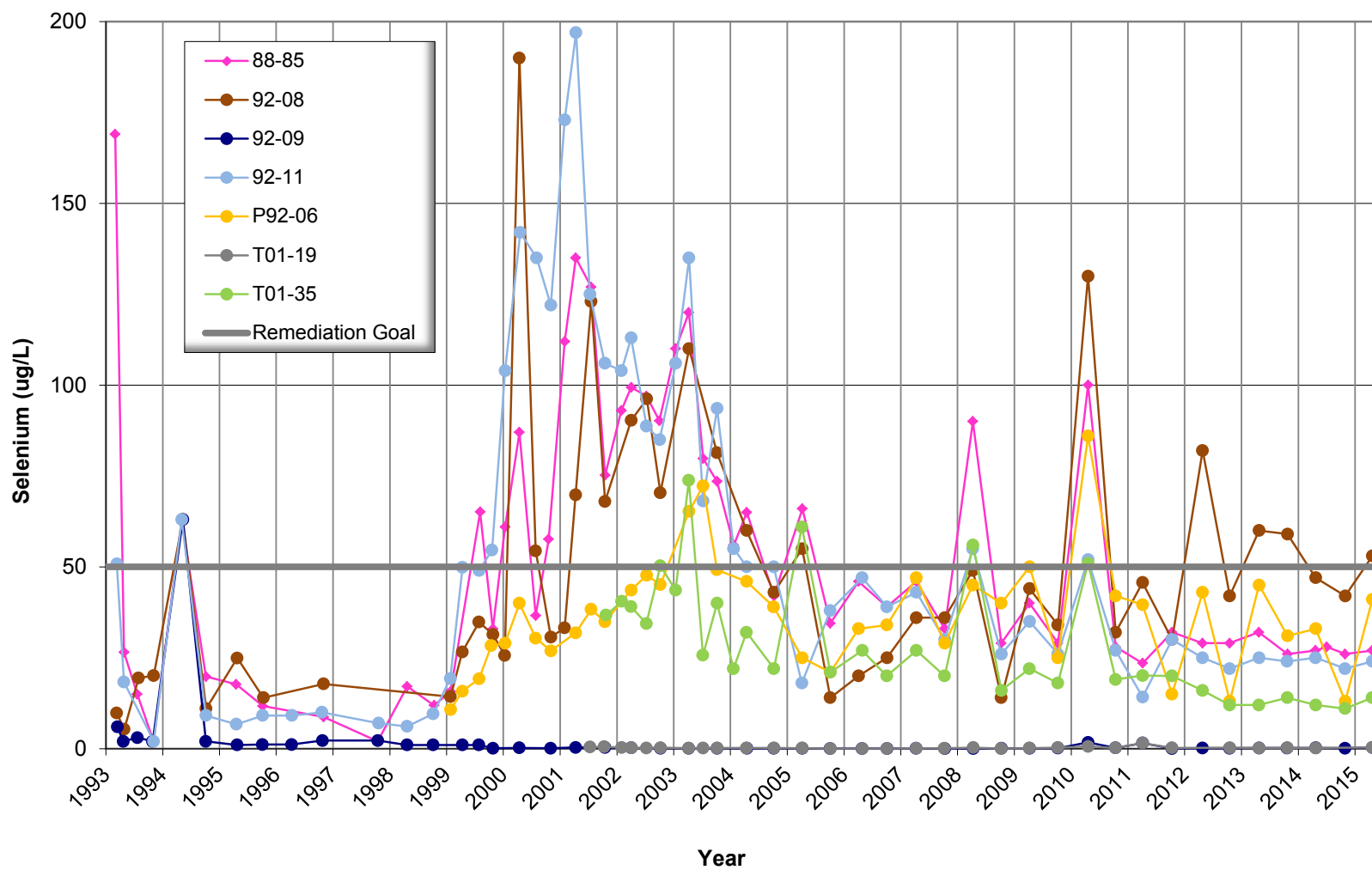


Figure 19. Selenium Concentration over Time at Selected Alluvial Aquifer Monitoring Wells

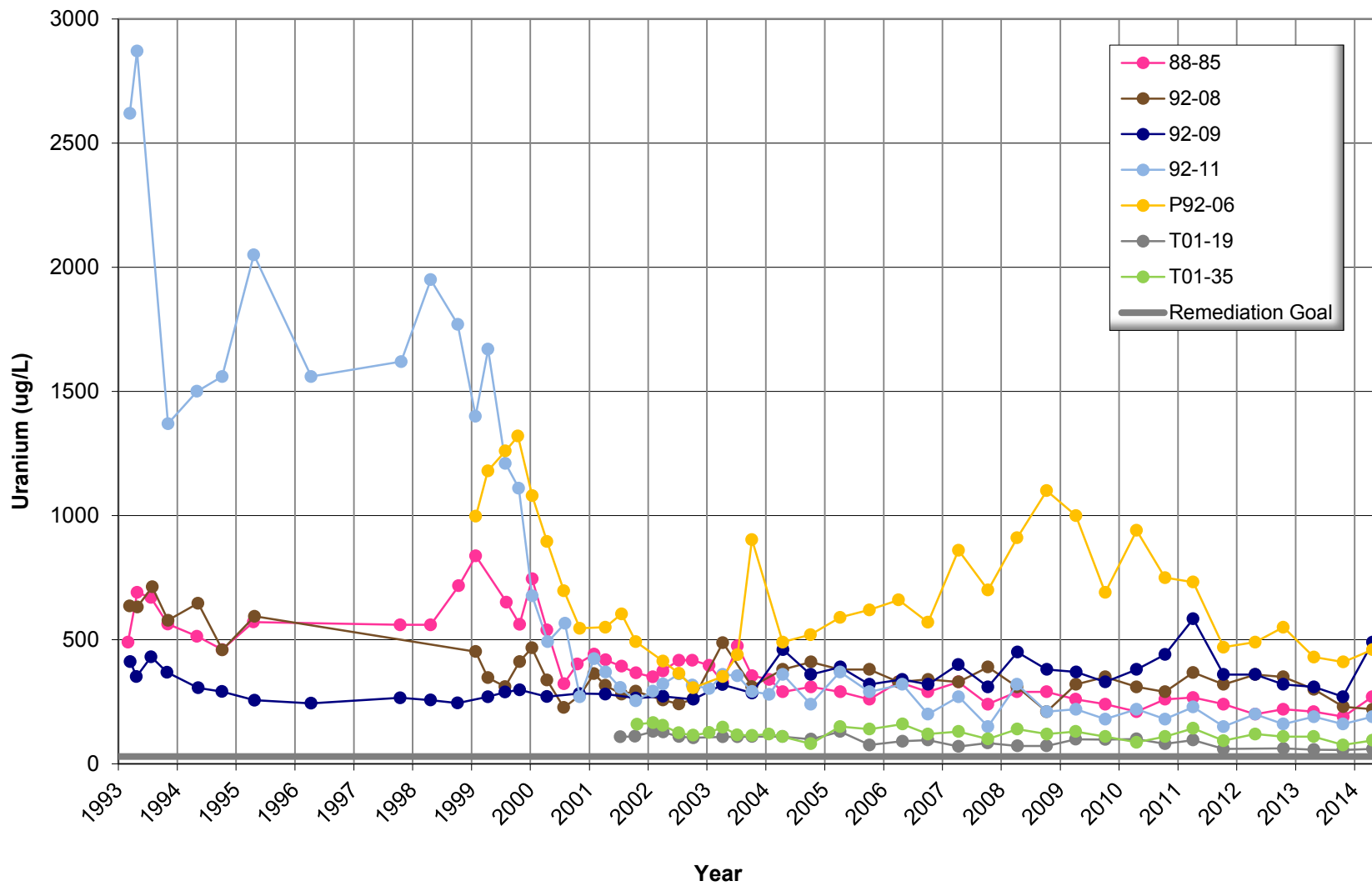


Figure 20. Uranium Concentration over Time at Selected Alluvial Aquifer Monitoring Wells

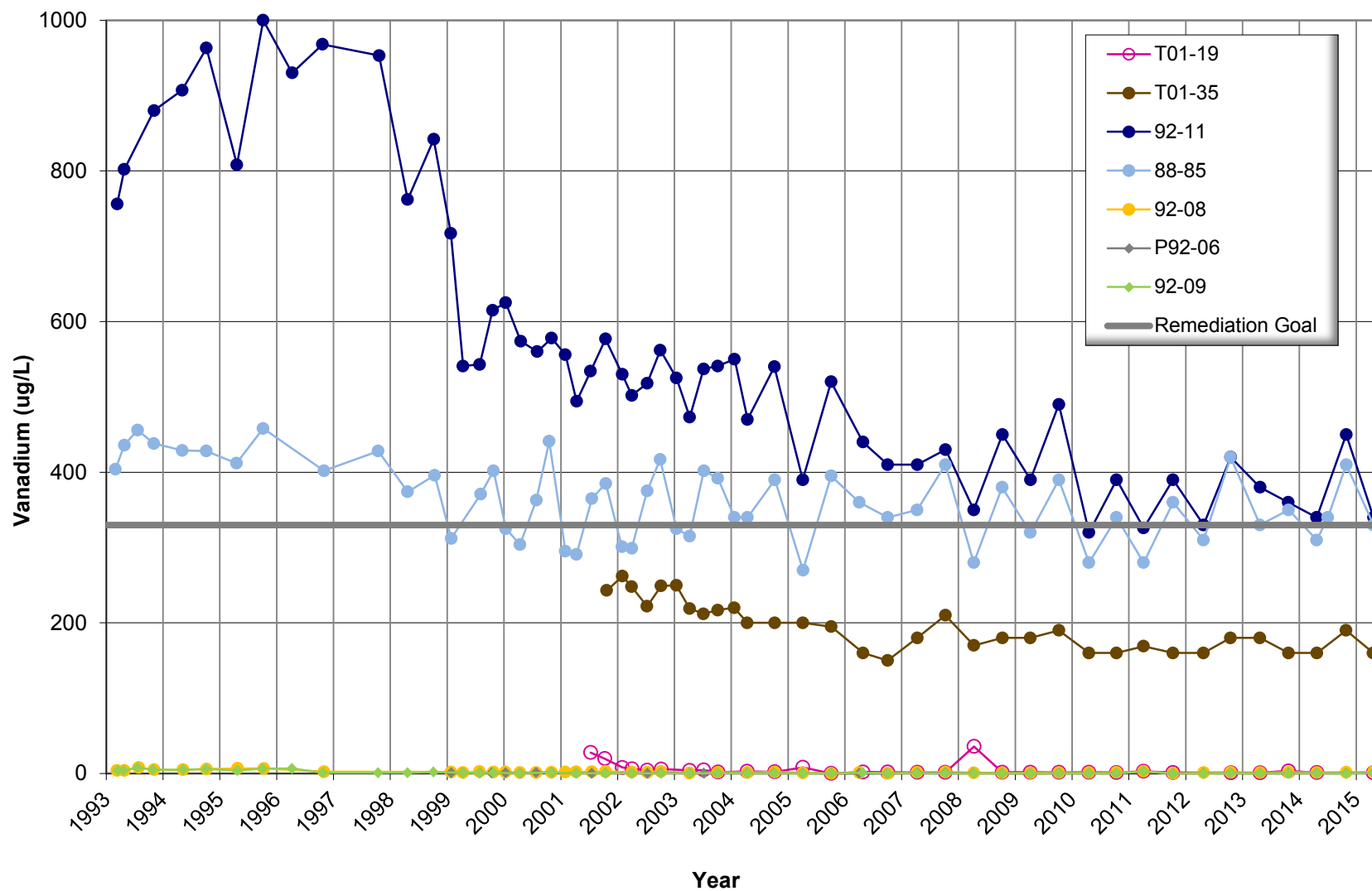


Figure 21. Vanadium Concentration over Time at Selected Alluvial Aquifer Monitoring Wells

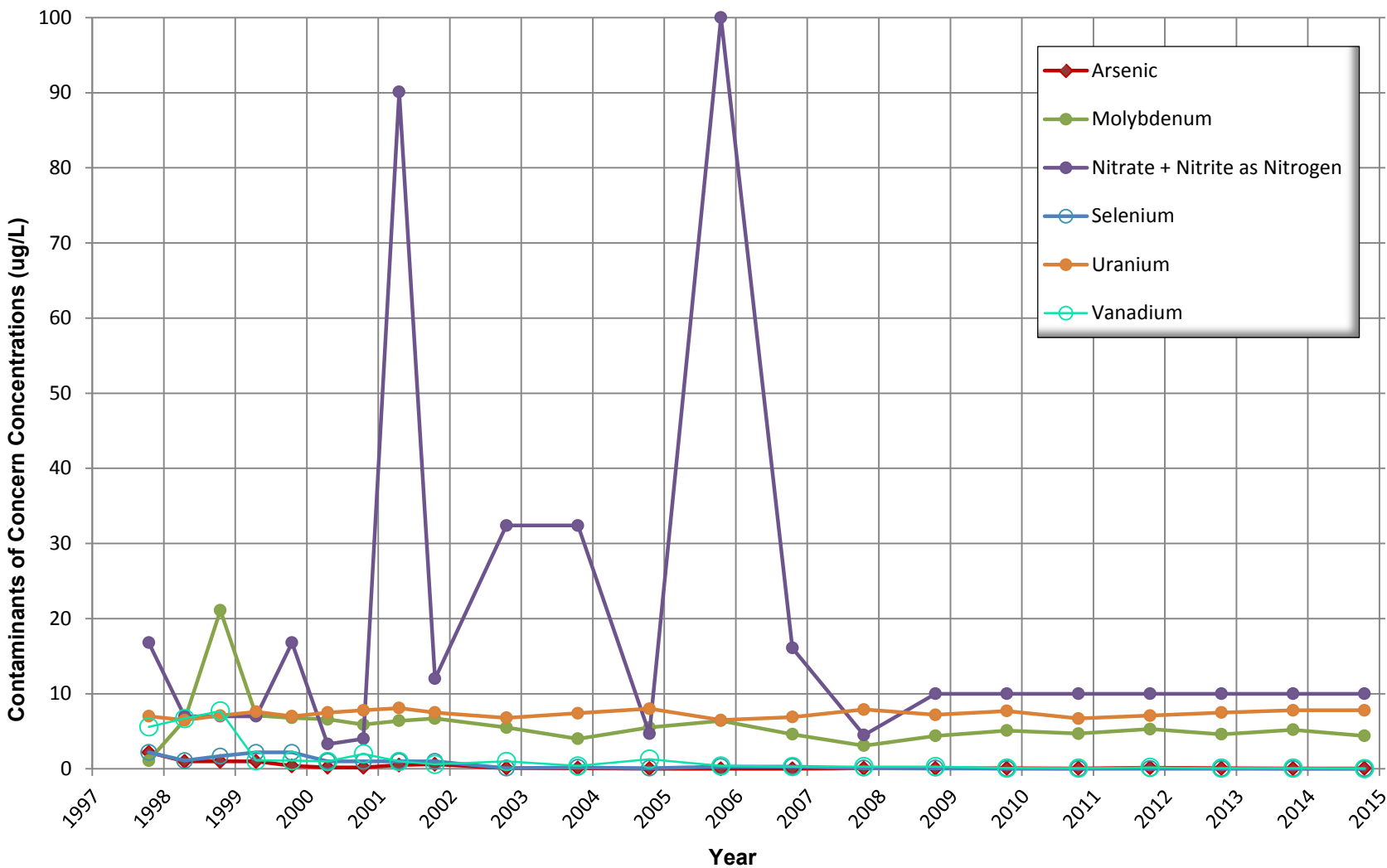


Figure 22. Contaminant Concentrations over Time at Sentinel Well 95-03

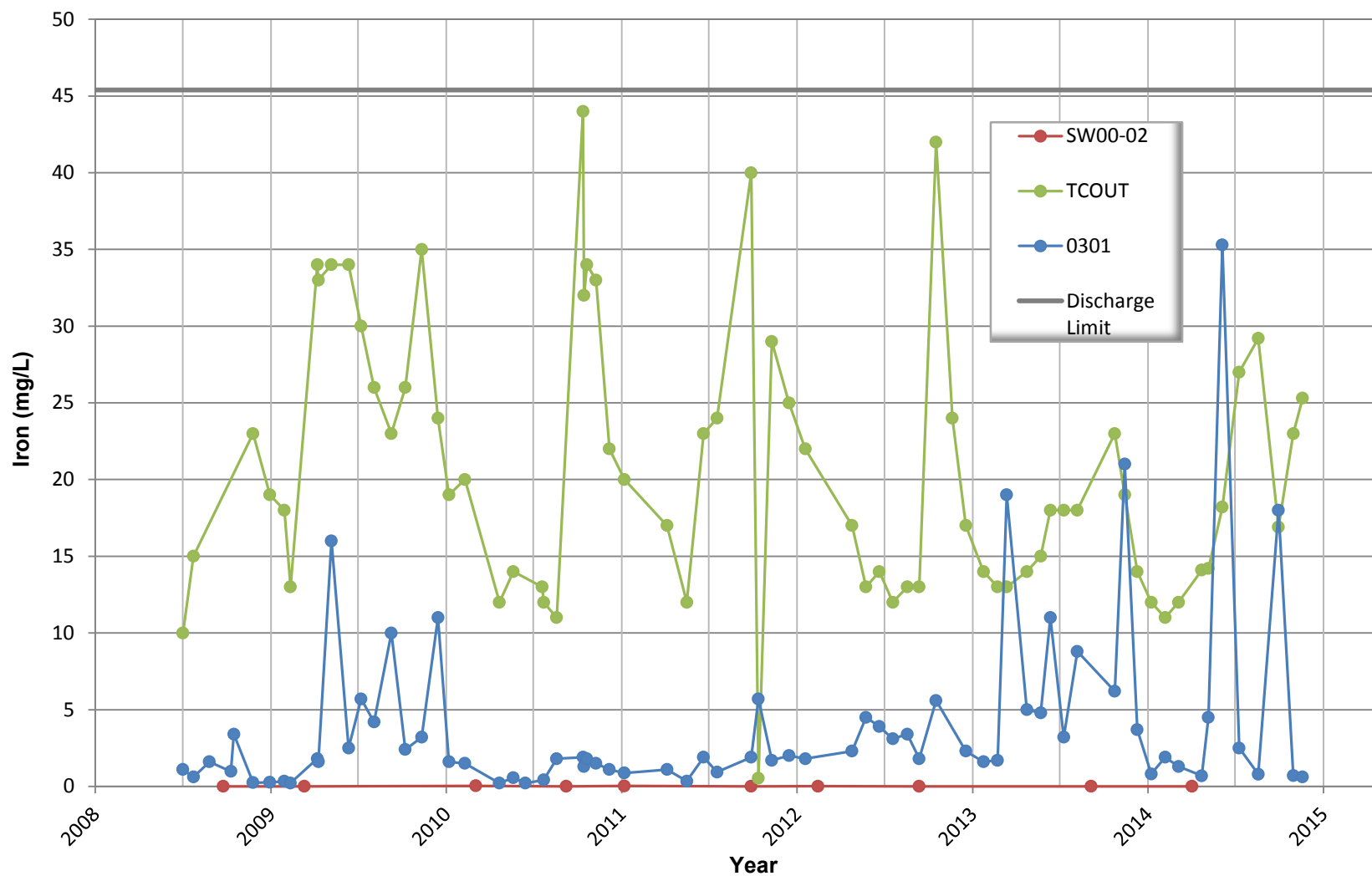


Figure 23. Ex Situ Treatment System Monitoring Results, Iron

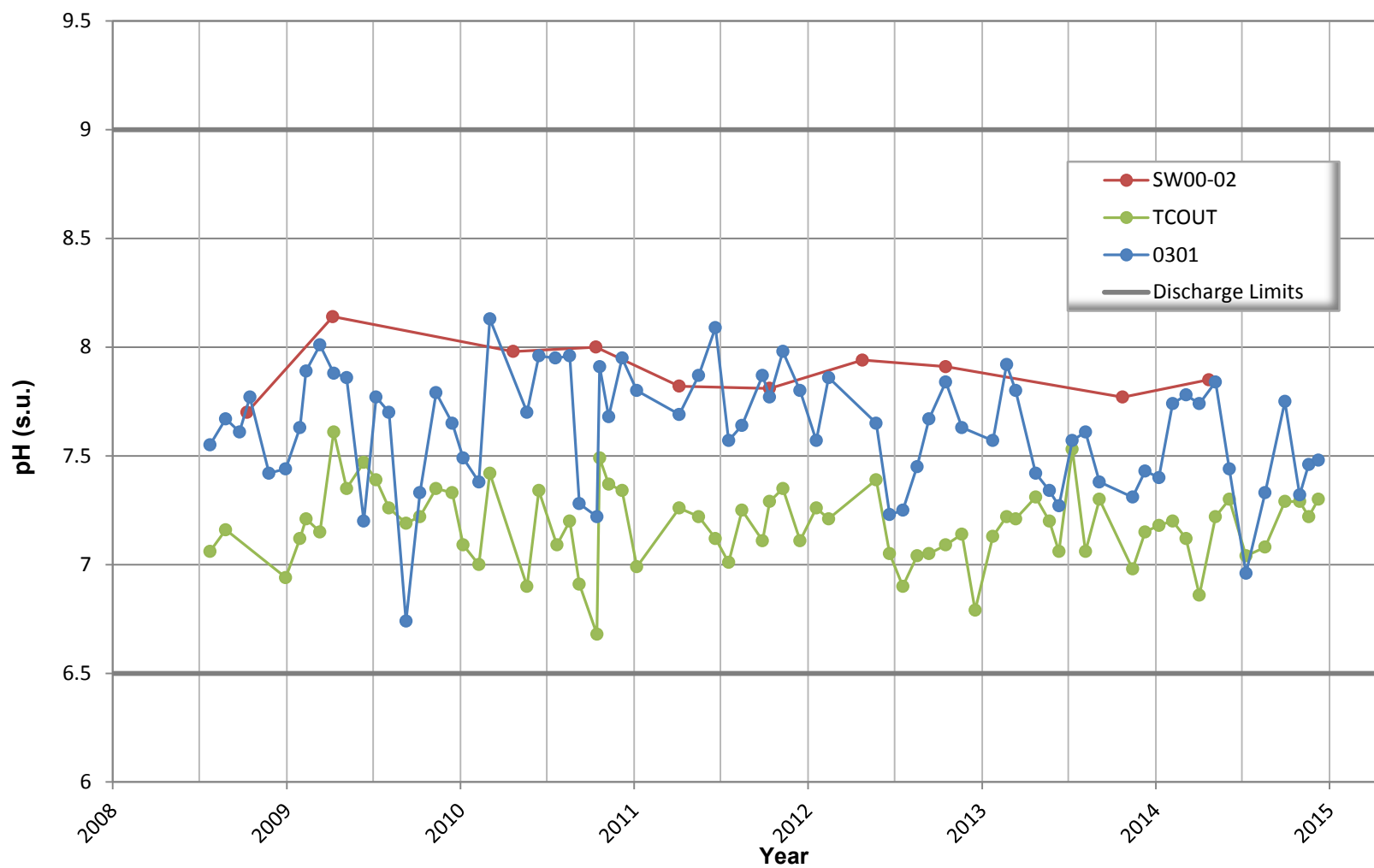


Figure 24. Ex Situ Treatment System Monitoring Results, pH

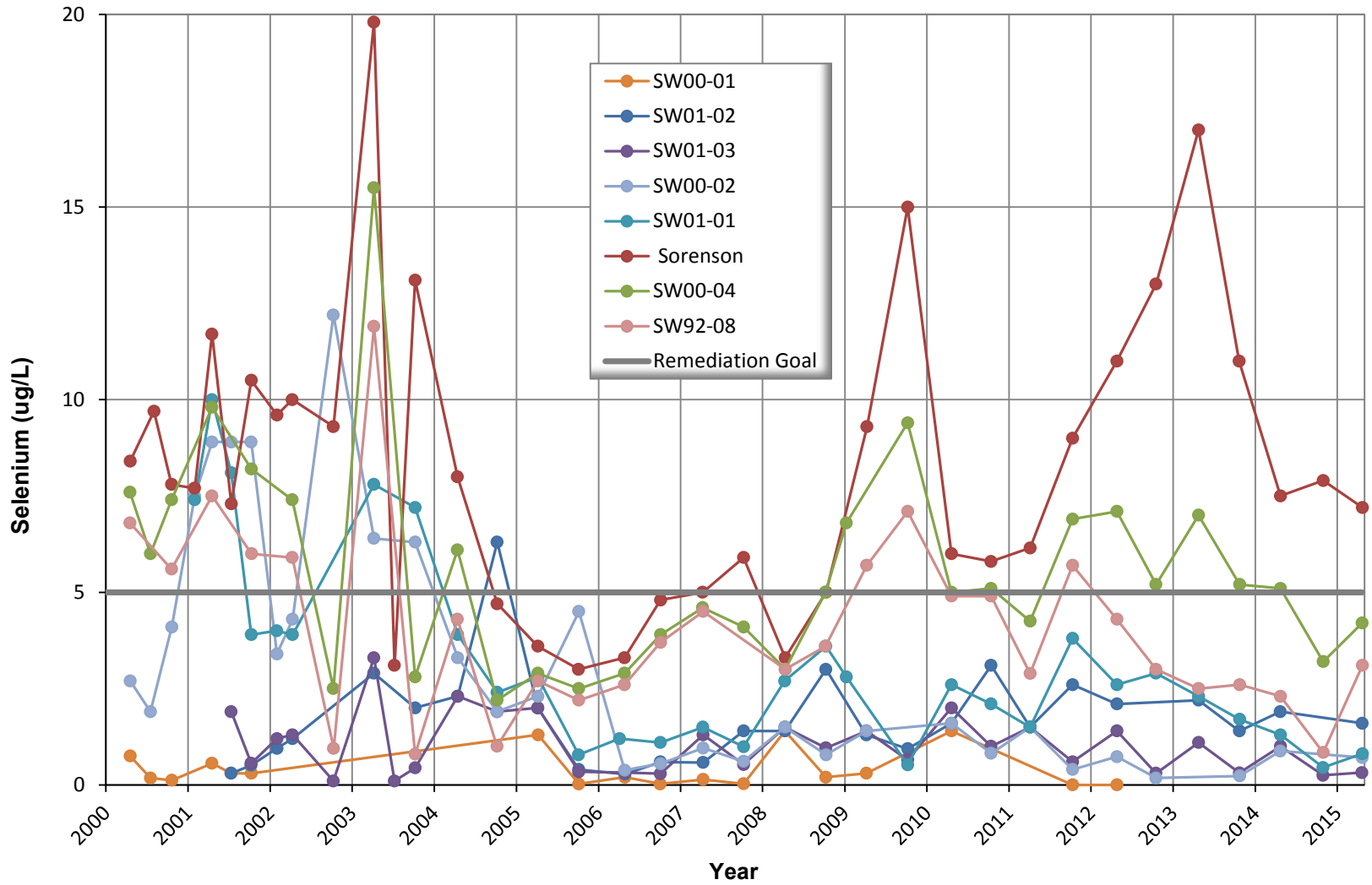


Figure 25. Selenium Concentration over Time in Montezuma Creek

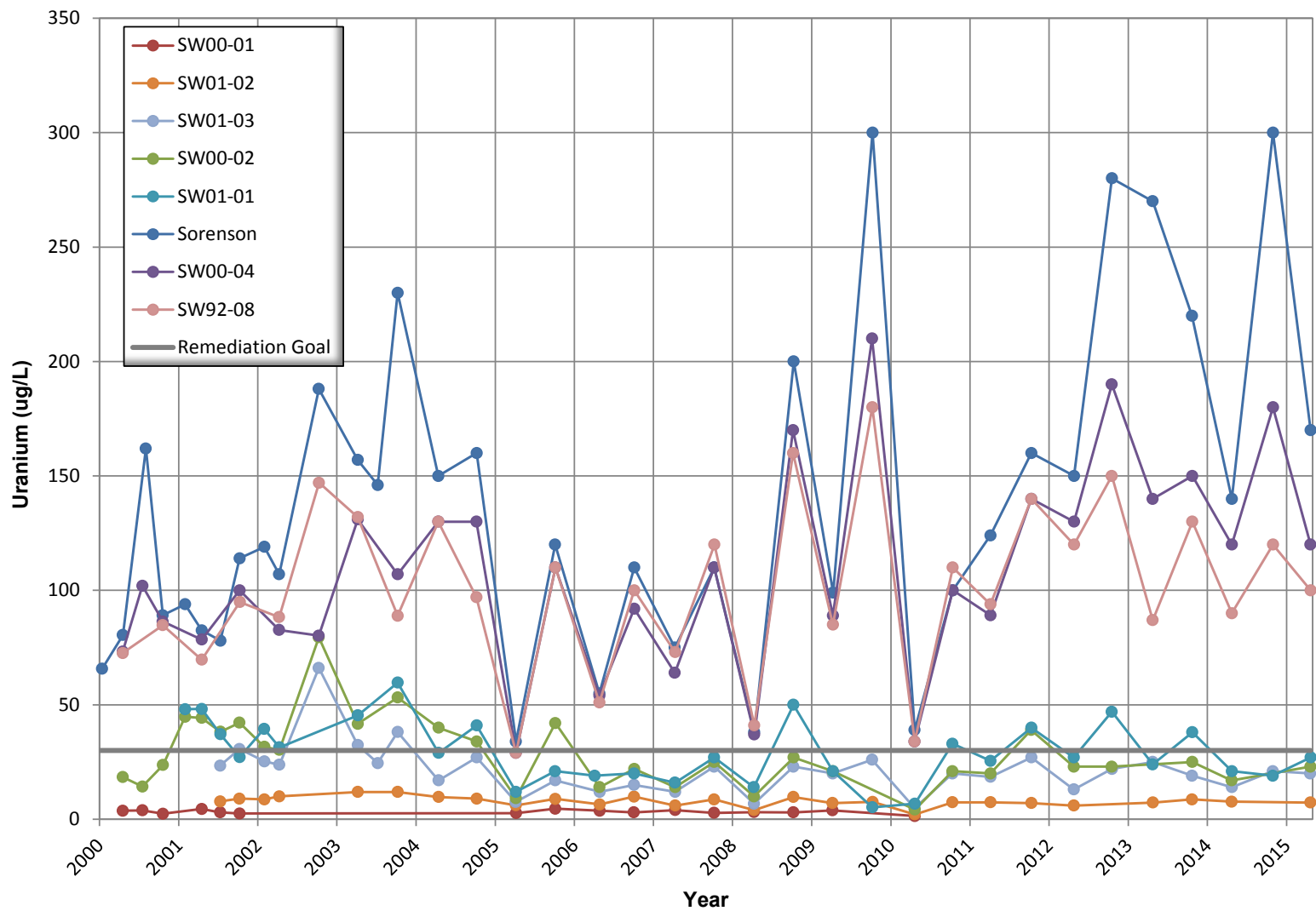


Figure 26. Uranium Concentration over Time in Montezuma Creek

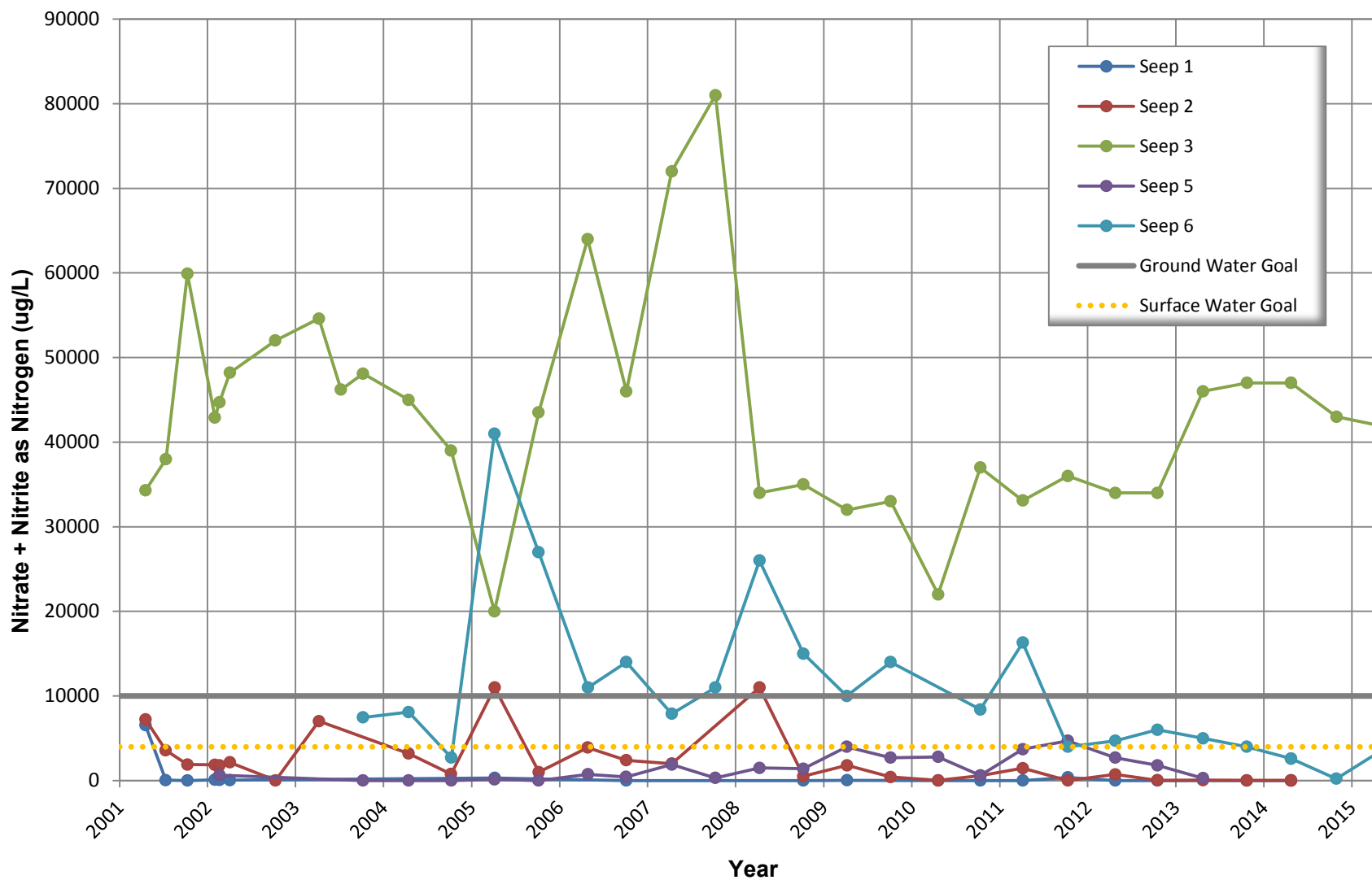


Figure 27. Nitrate (as Nitrogen) Concentration over Time at Selected Seep Locations

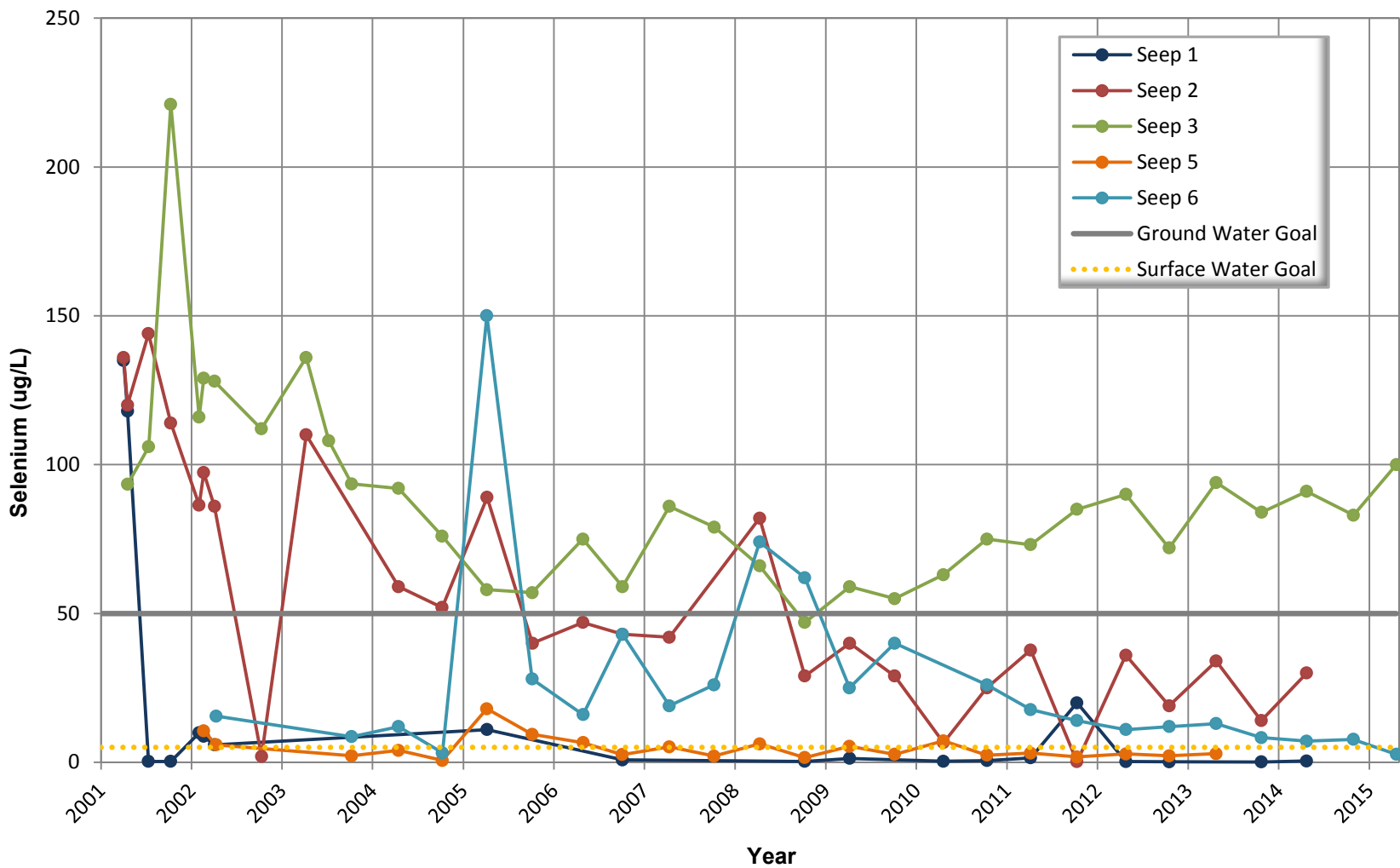


Figure 28. Selenium Concentration over Time at Selected Seep Locations

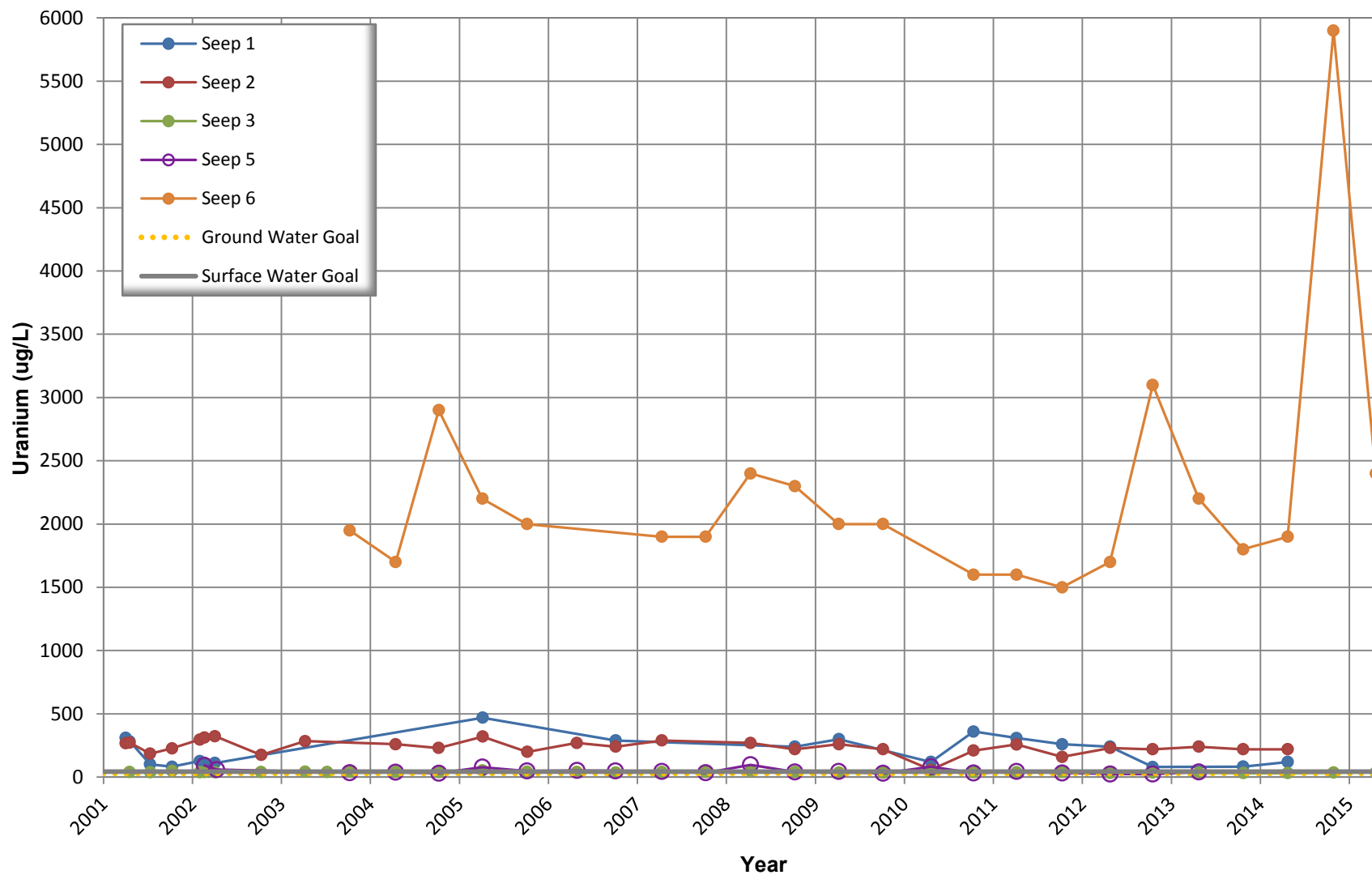
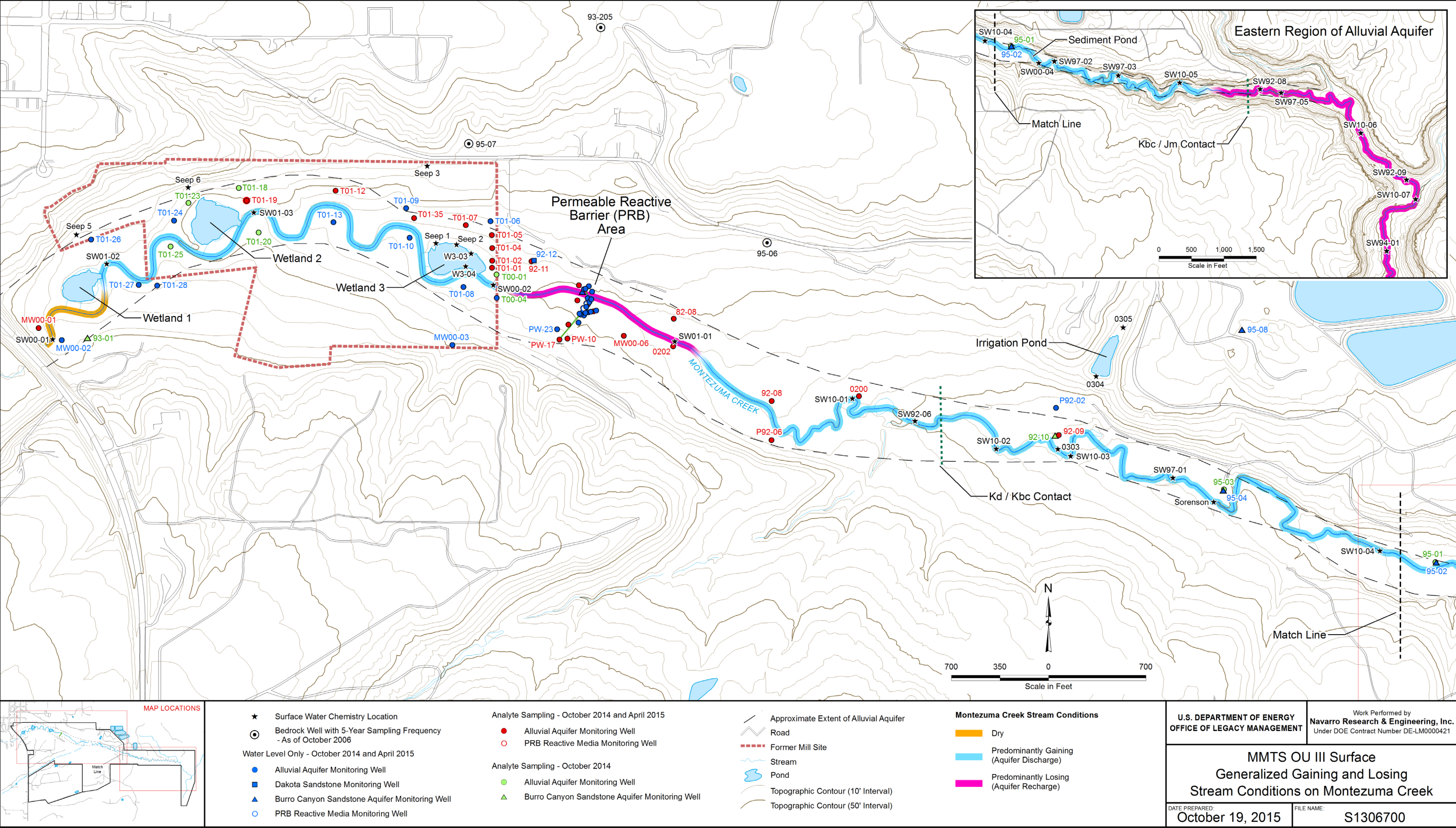


Figure 29. Uranium Concentration over Time at Selected Seep Locations

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Figure 30. Generalized Gaining and Losing Stream Conditions on Montezuma Creek

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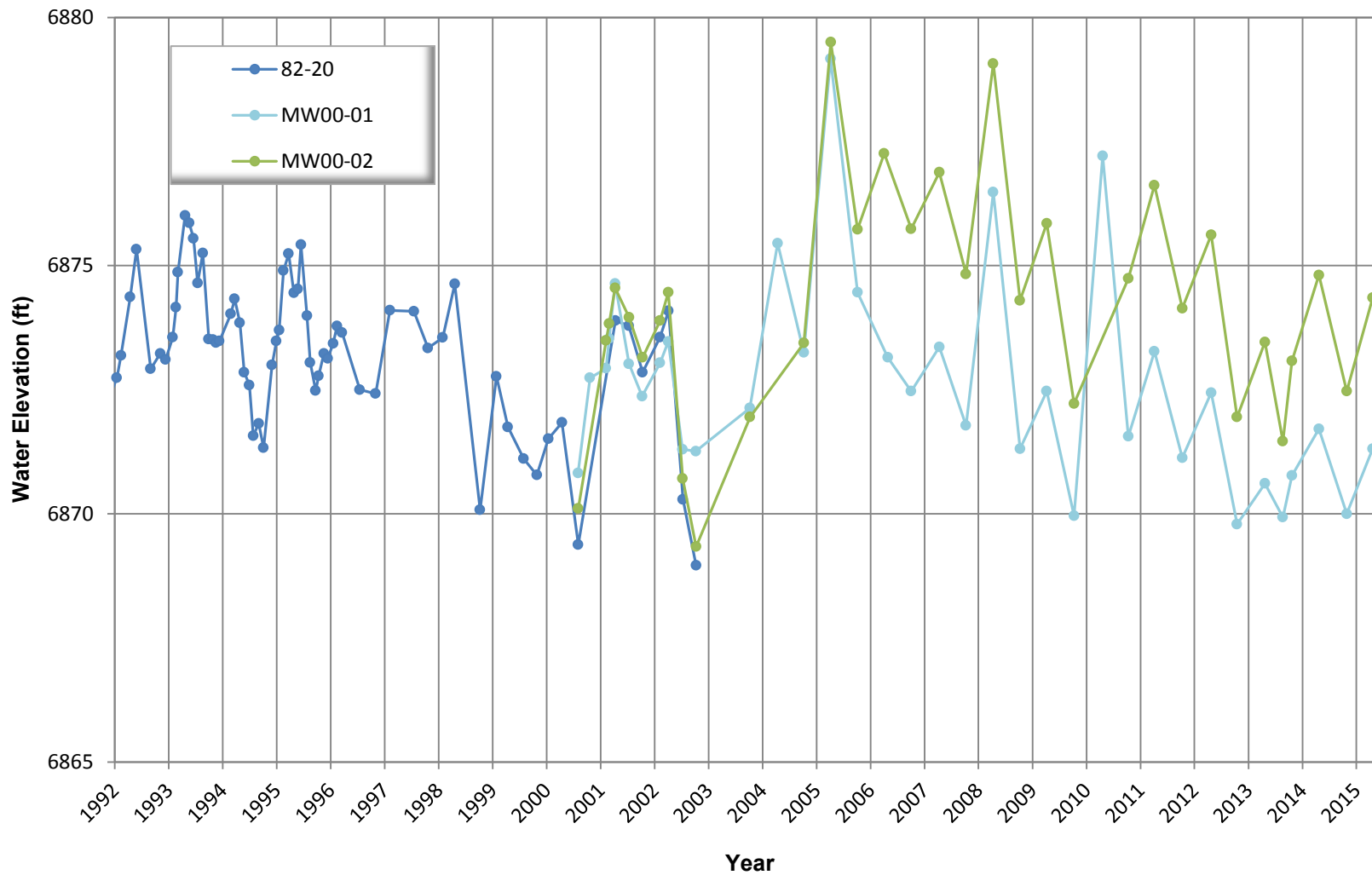


Figure 31. Water Level Hydrographs for Upgradient Alluvial Wells

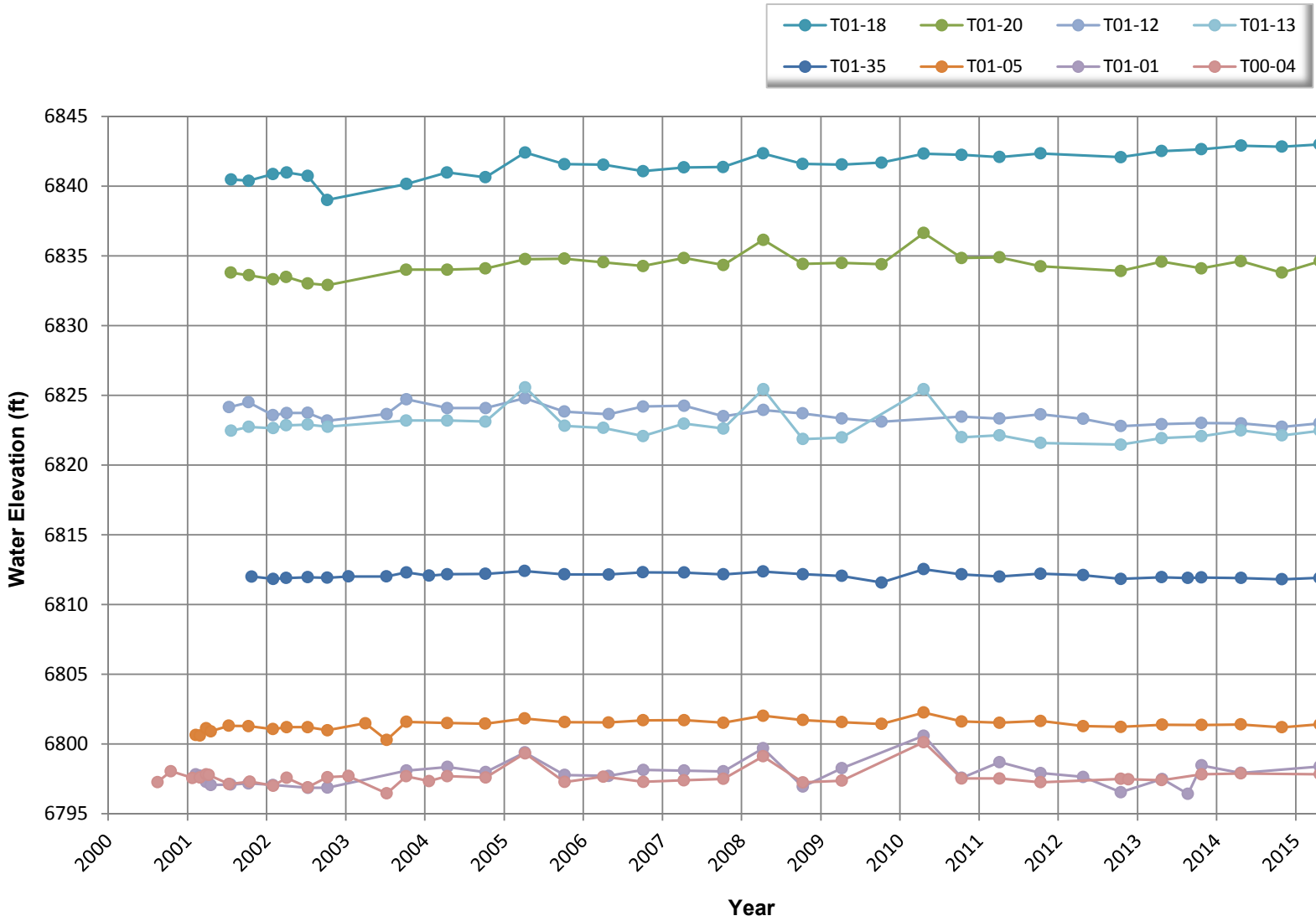


Figure 32. Water Level Hydrographs for Selected Mill Site Alluvial Wells

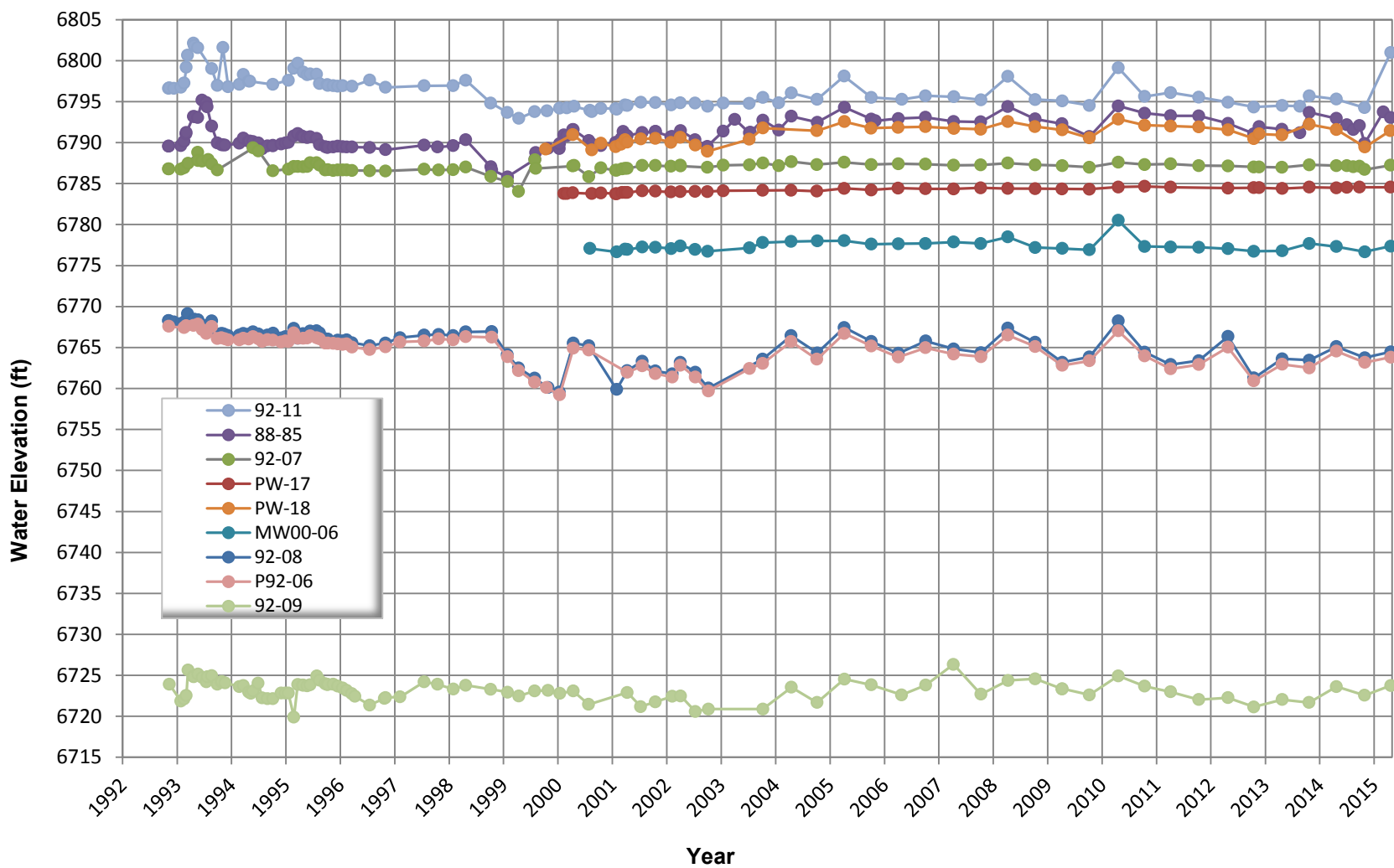


Figure 33. Water Level Hydrographs for Downgradient Wells

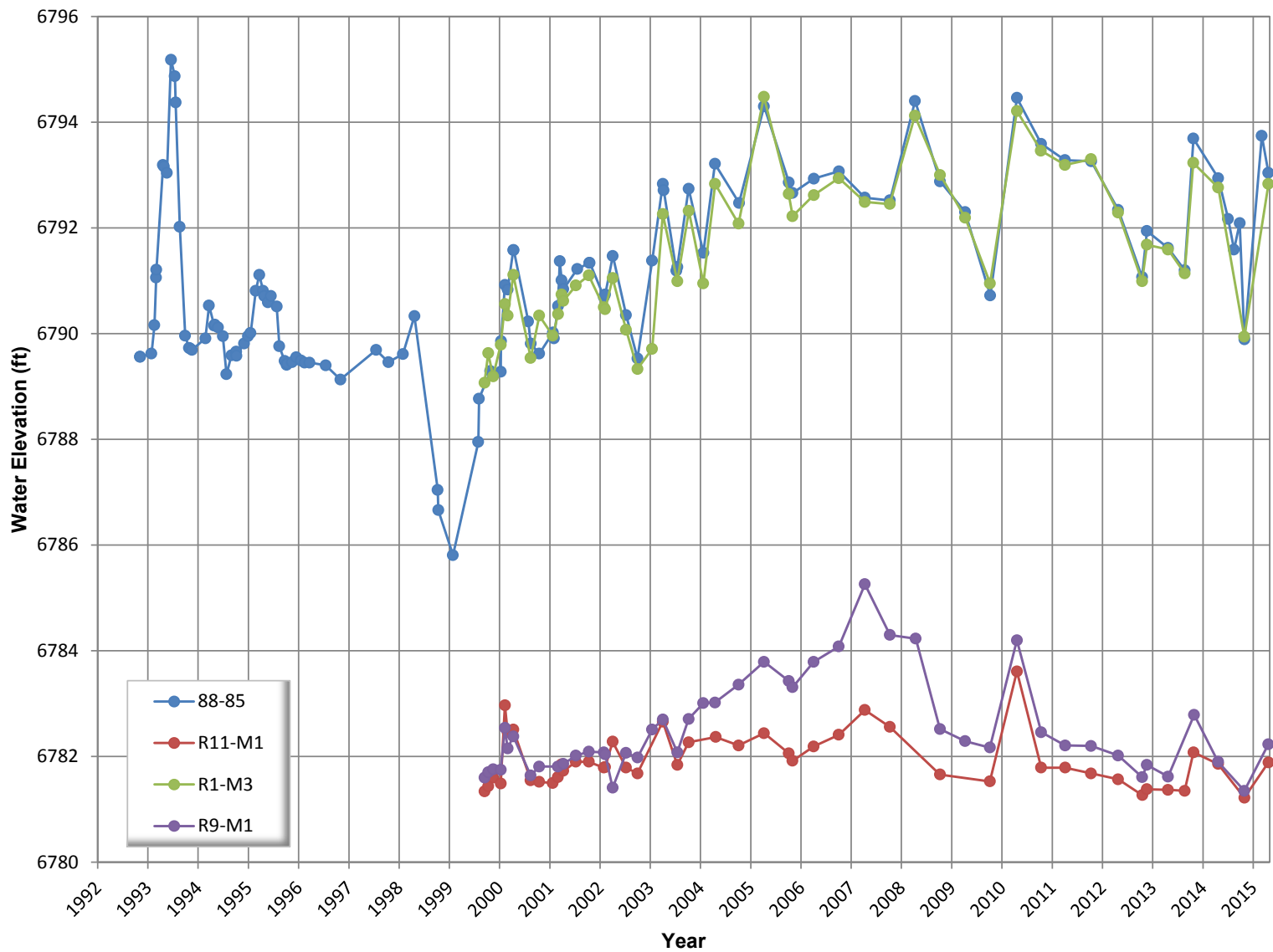


Figure 34. Water Level Hydrographs for Wells at PRB

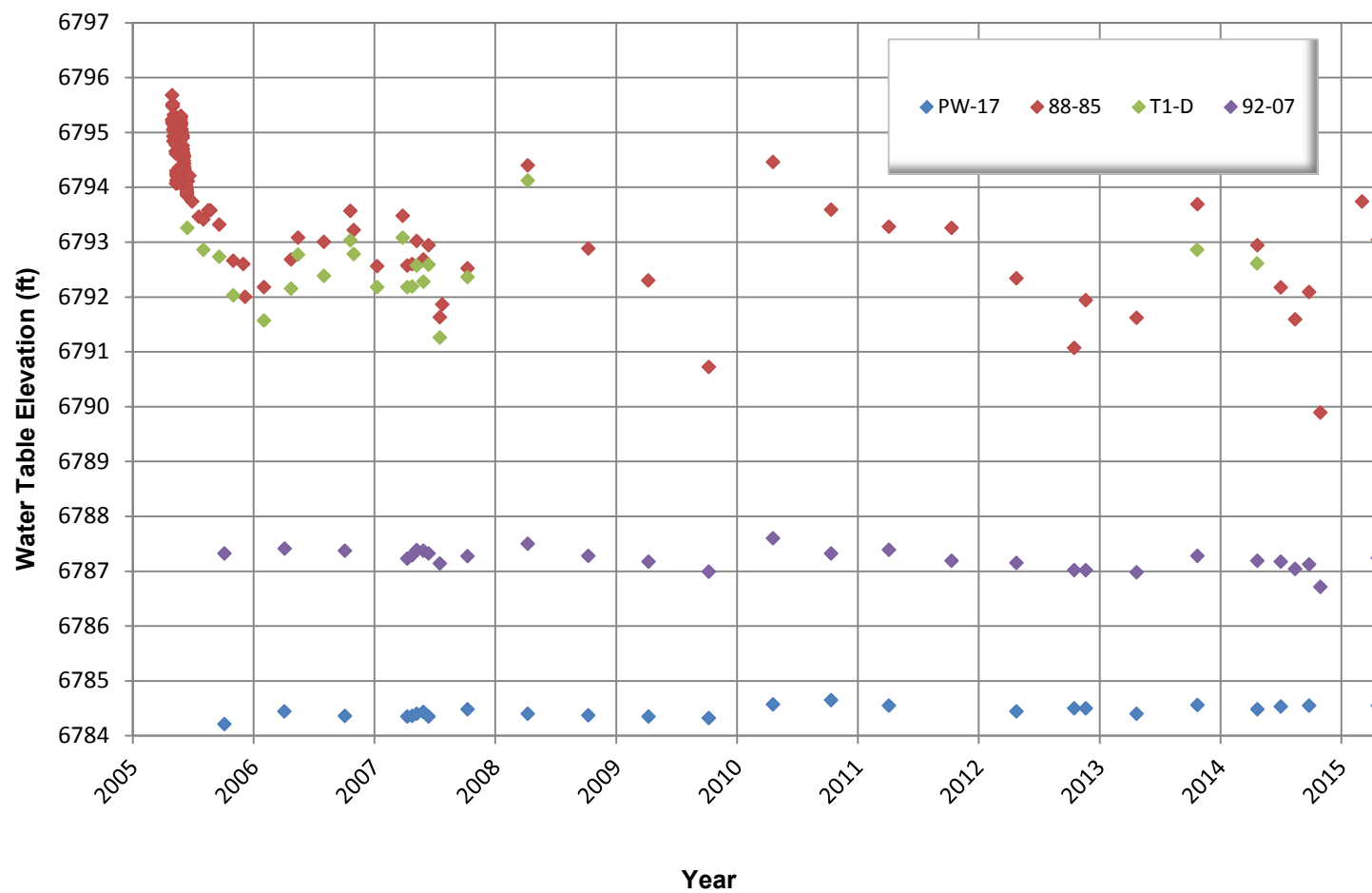


Figure 35. Water Table Trends Near the PRB

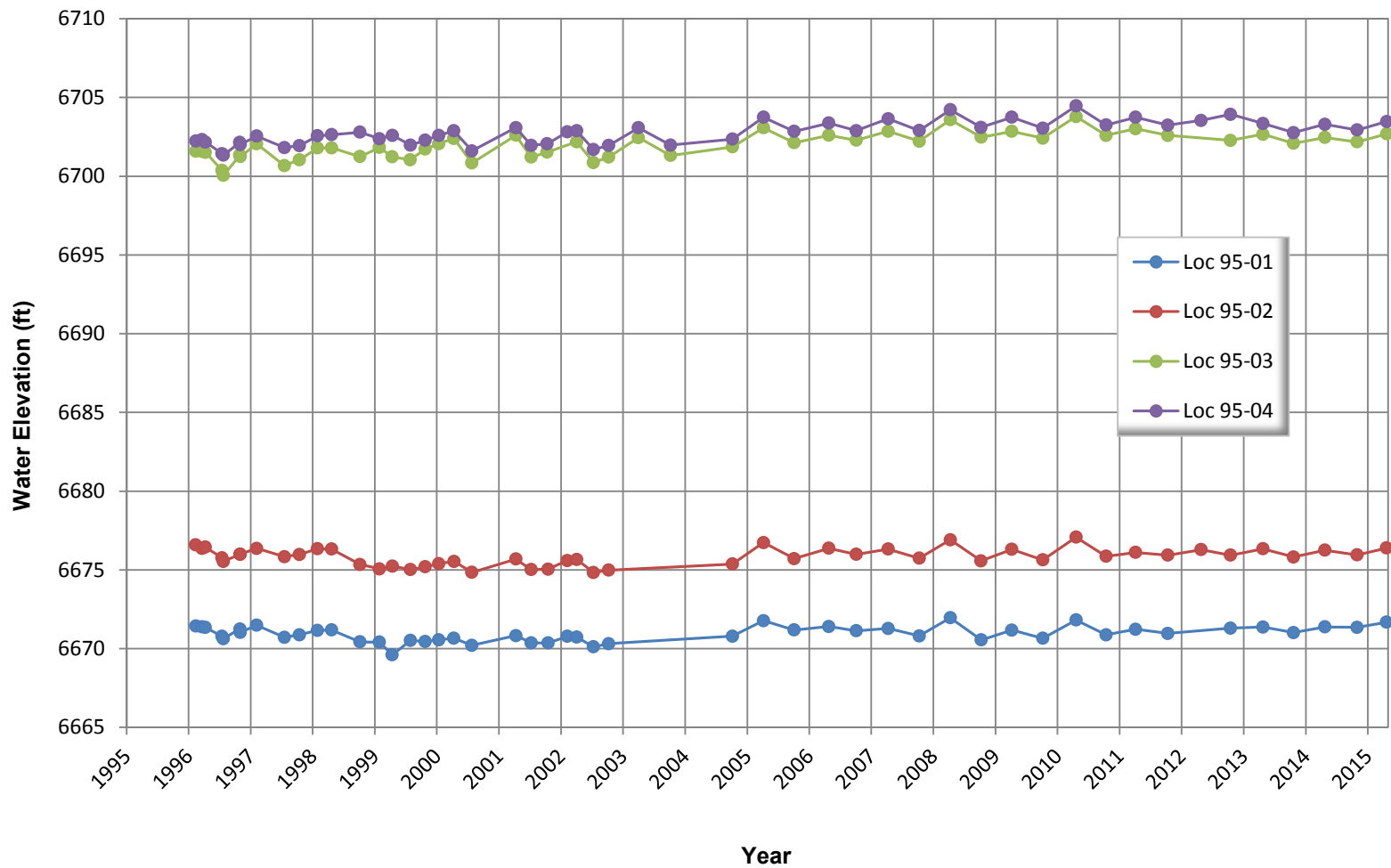


Figure 36. Water Level Hydrographs for Alluvial/Burro Canyon Well Pairs 95-01/95-02 and 95-03/95-04

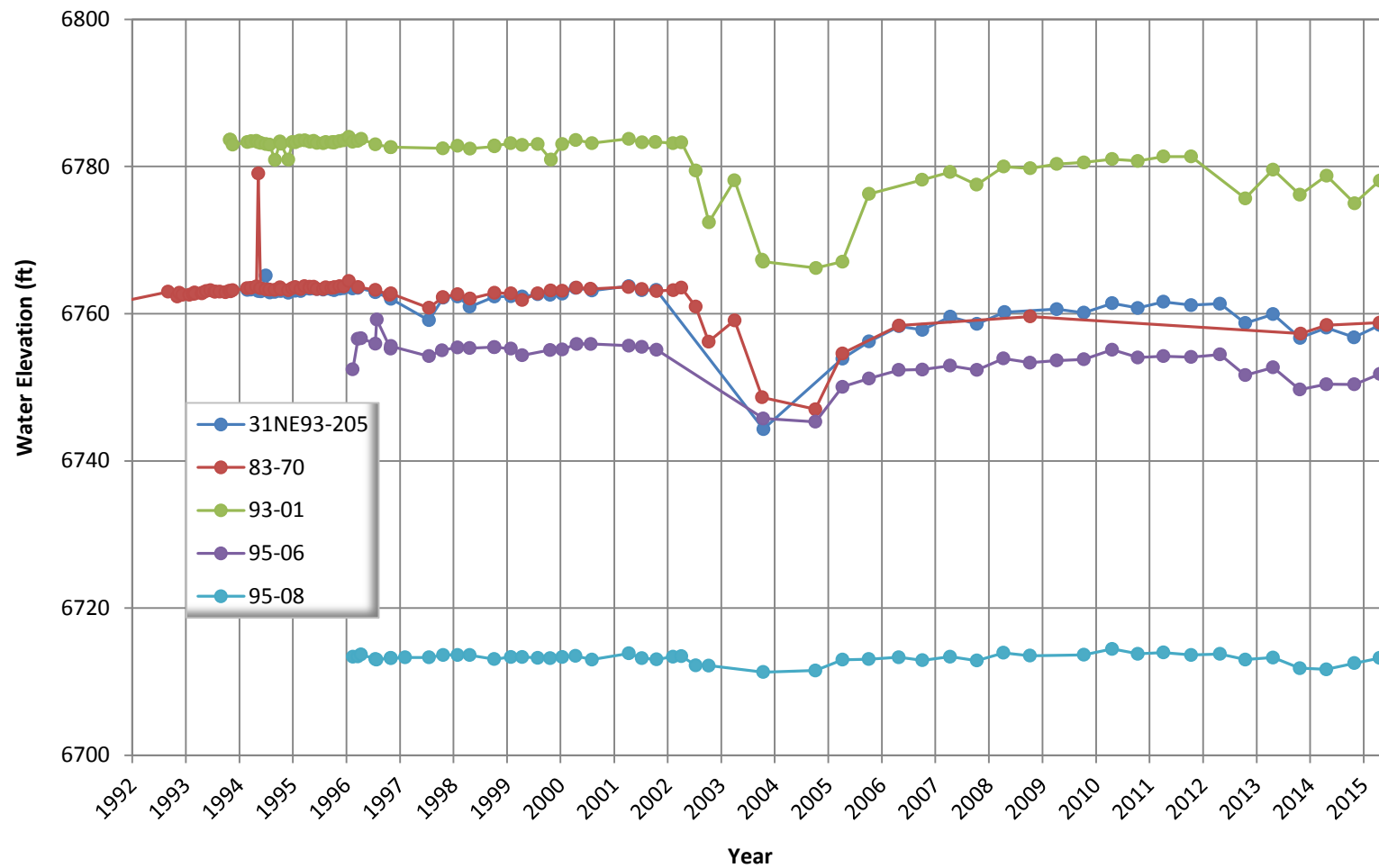


Figure 37. Water Level Hydrographs for Selected Burro Canyon Aquifer Wells

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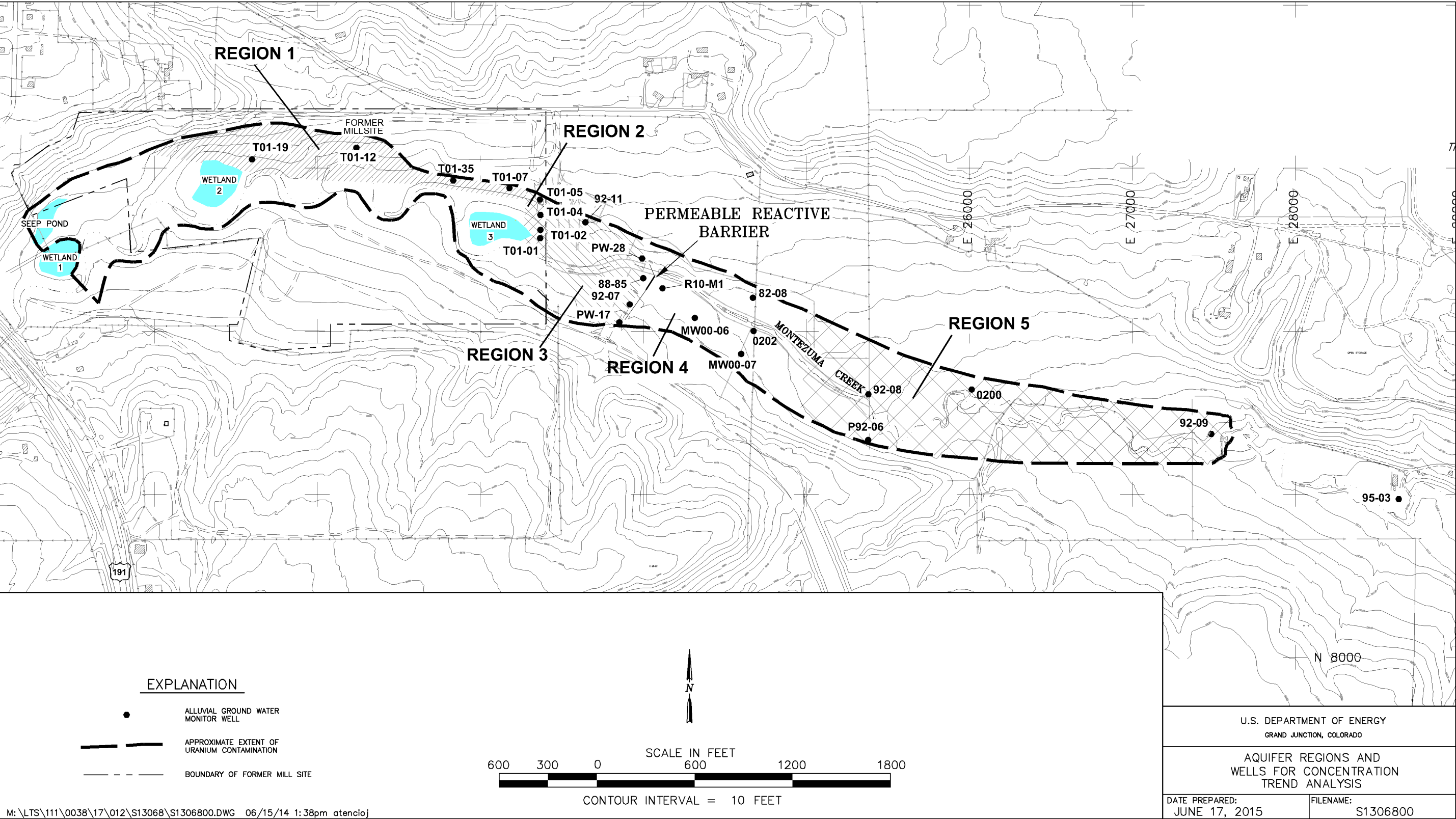


Figure 38. Aquifer Regions and Monitoring Wells Selected for Concentration Trend Analysis

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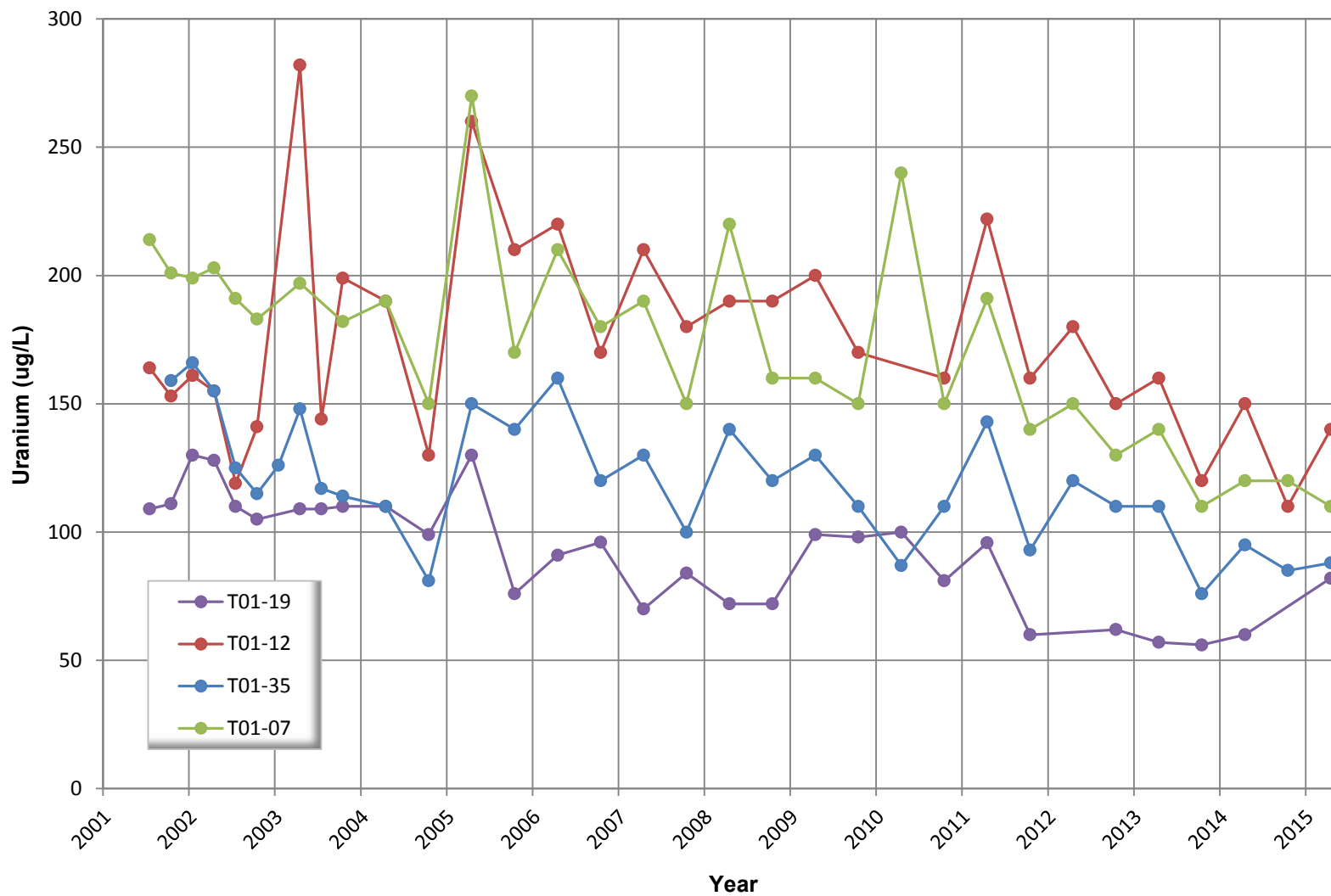


Figure 39. Region 1 Uranium Concentration Trends in Groundwater

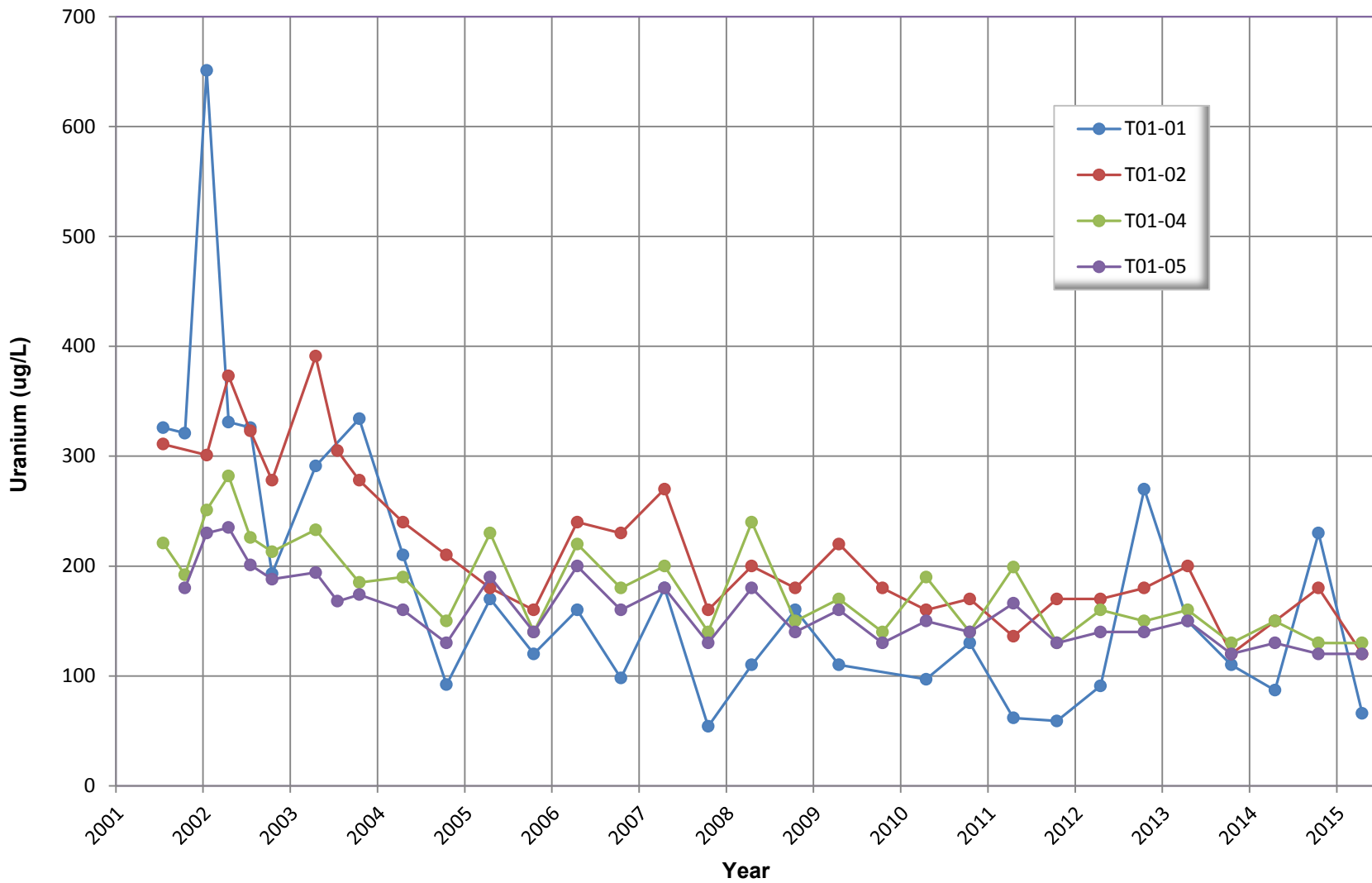


Figure 40. Region 2 Uranium Concentration Trends in Groundwater

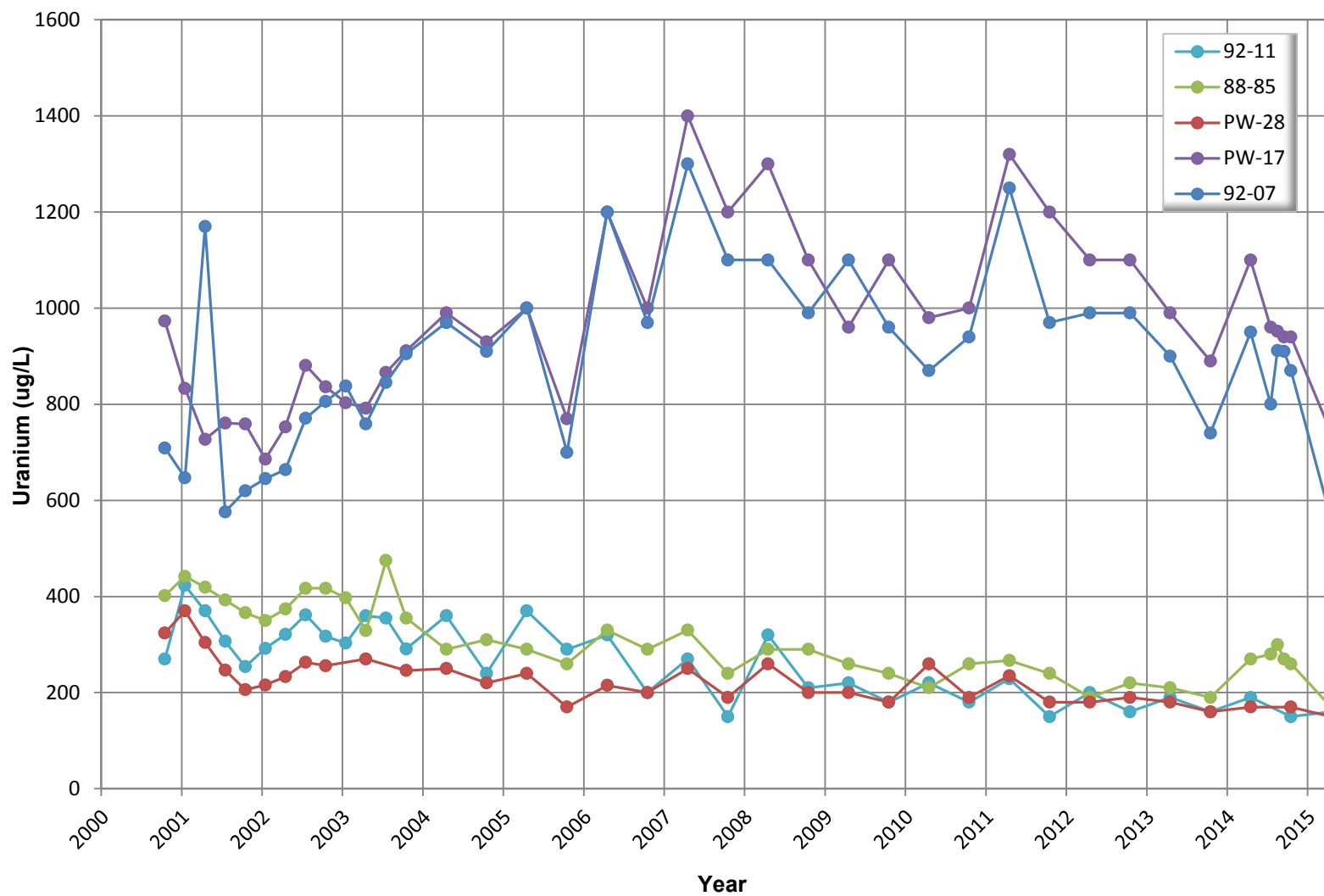


Figure 41. Region 3 Uranium Concentration Trends in Groundwater

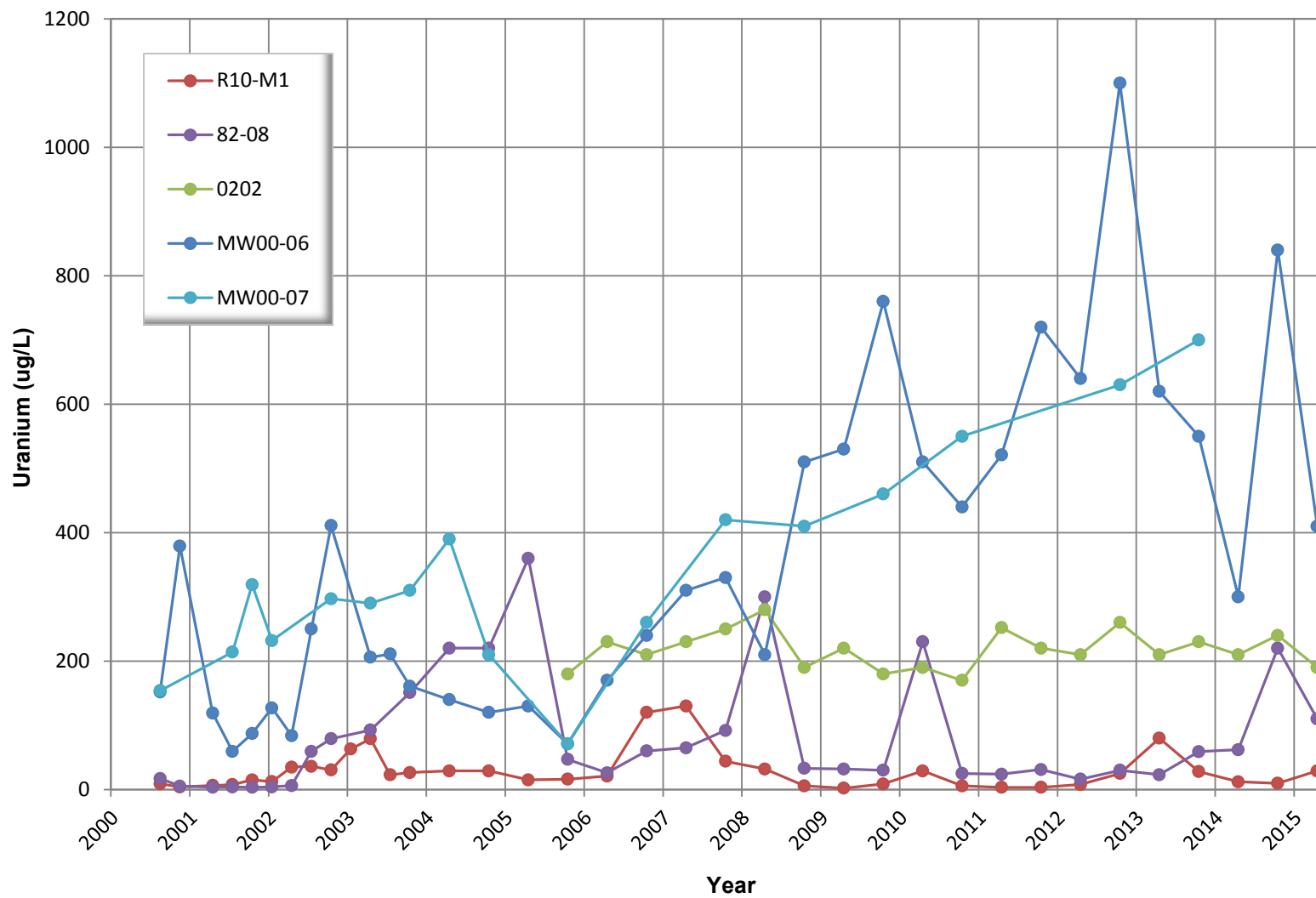


Figure 42. Region 4 Uranium Concentration Trends in Groundwater

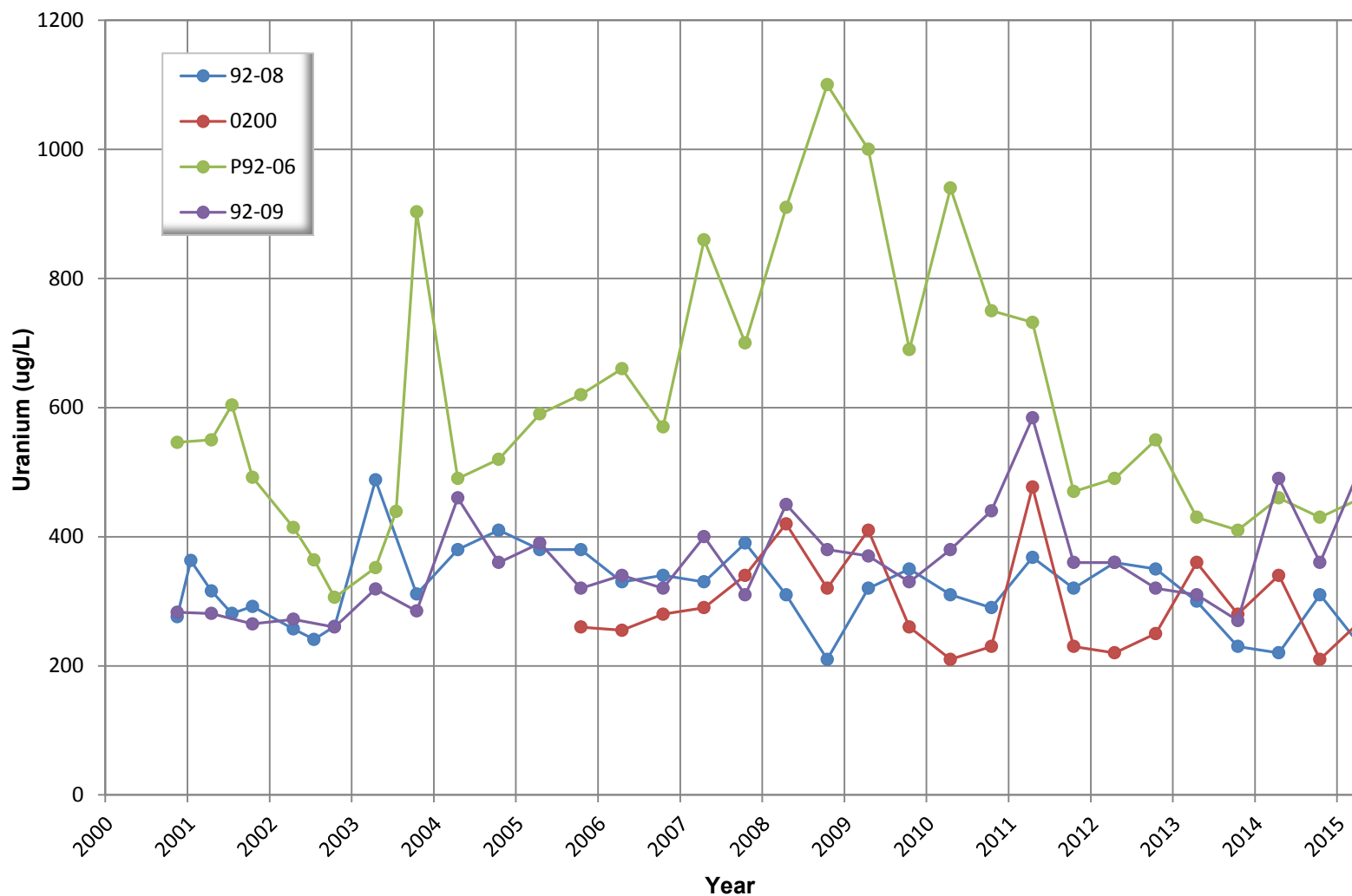


Figure 43. Region 5 Uranium Concentration Trends in Groundwater

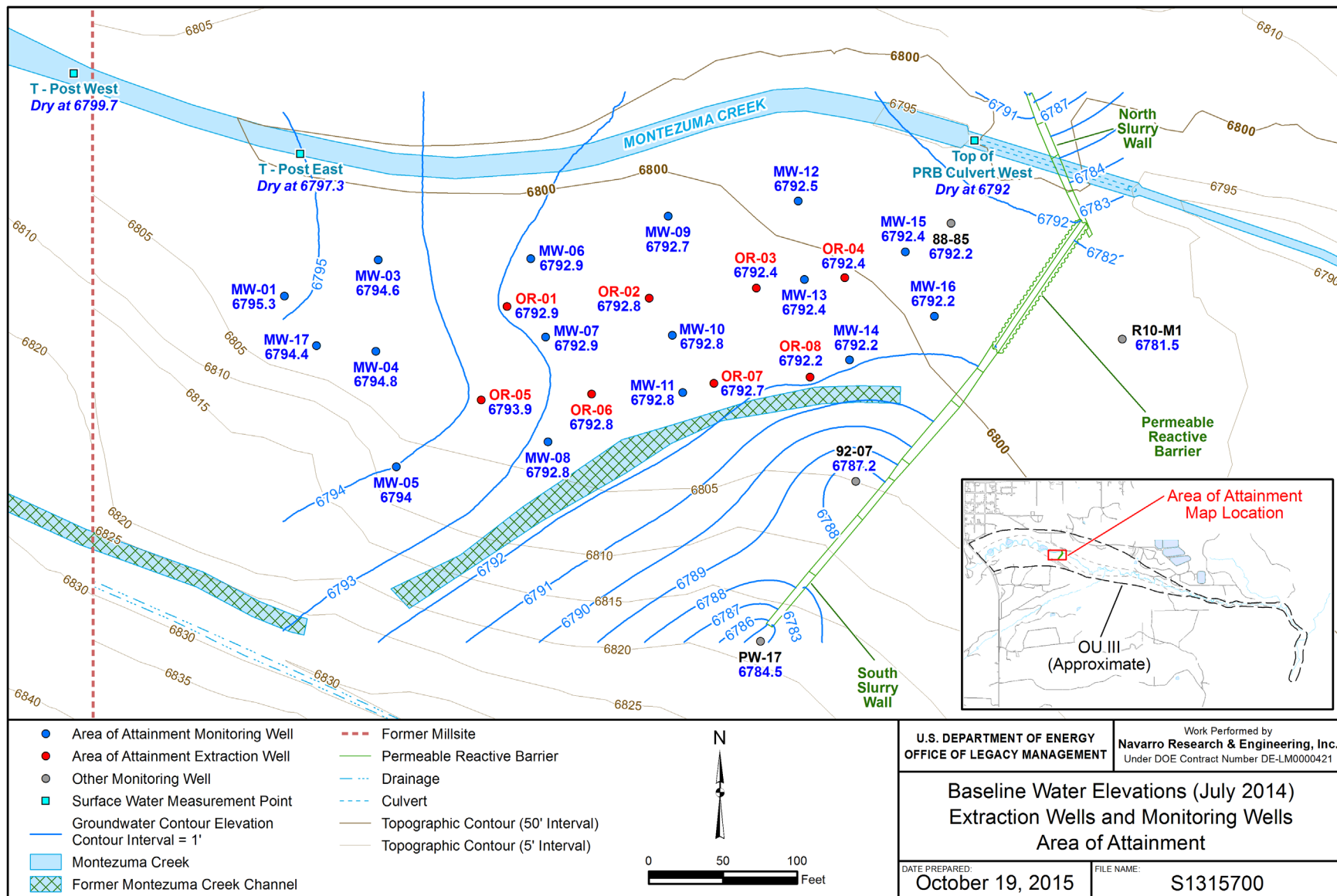
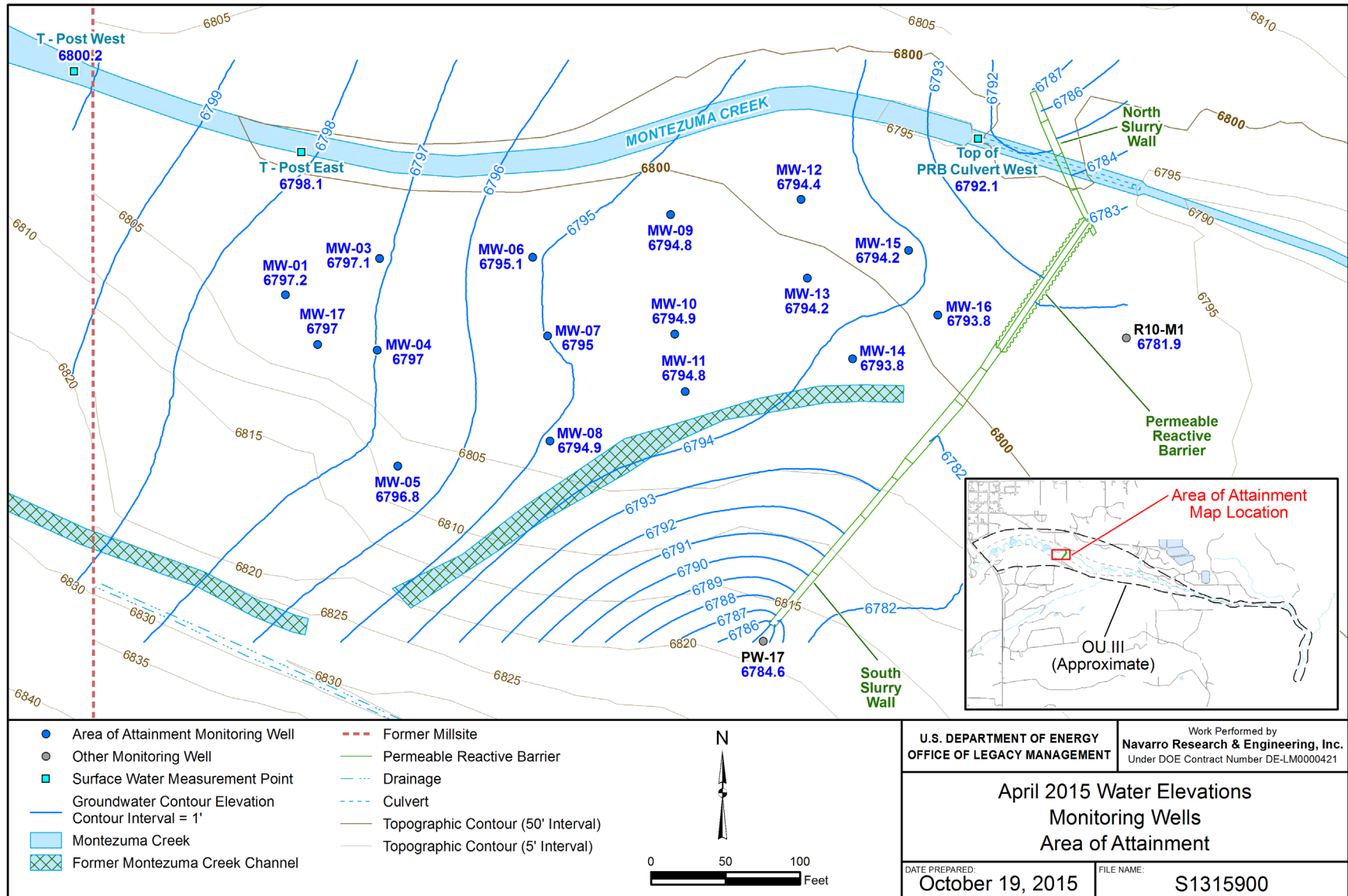


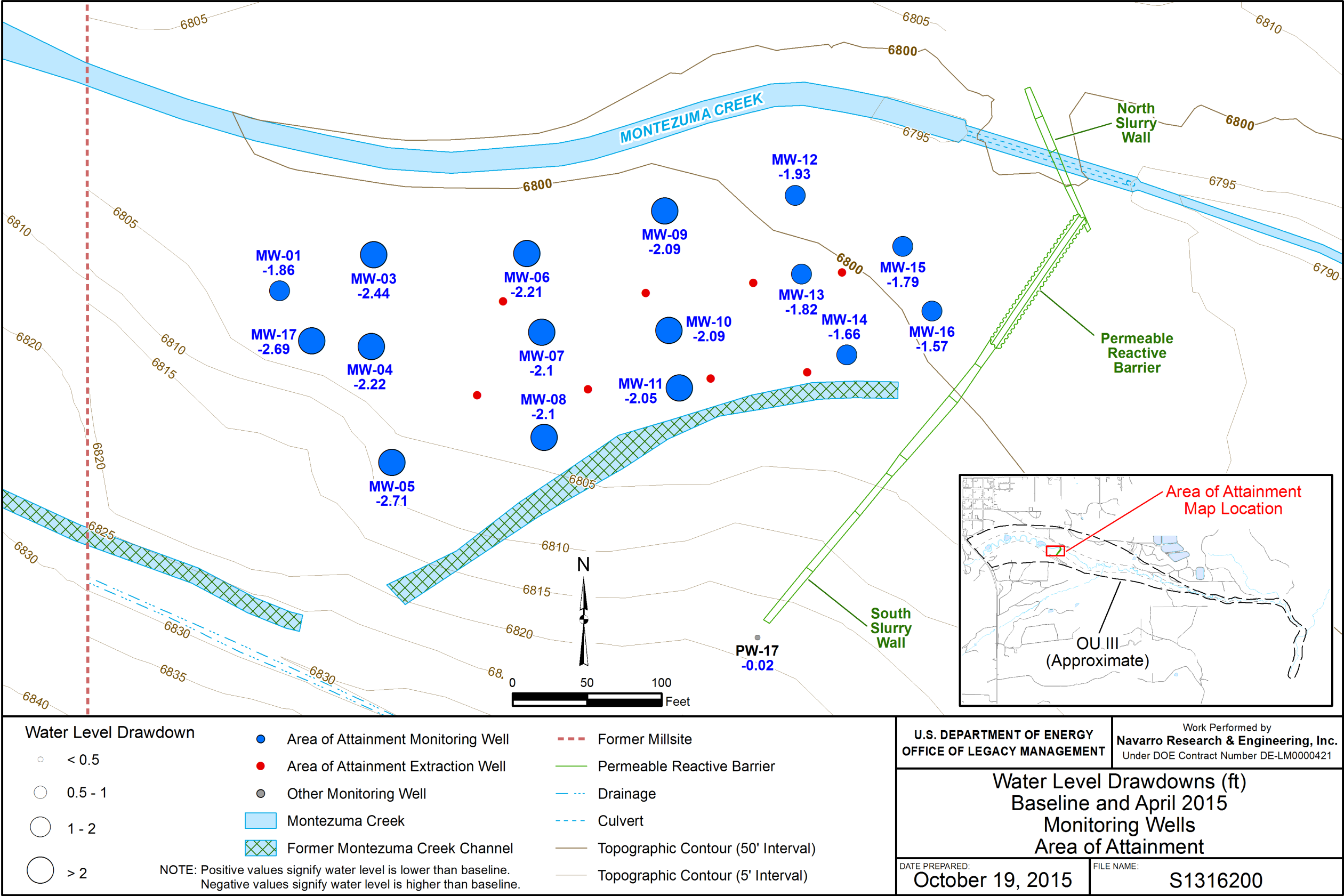
Figure 44. Baseline Water Elevations



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Figure 45. April 2015 Water Elevations

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Figure 46. Area of Attainment April 2015 Baseline Water Level Drawdown

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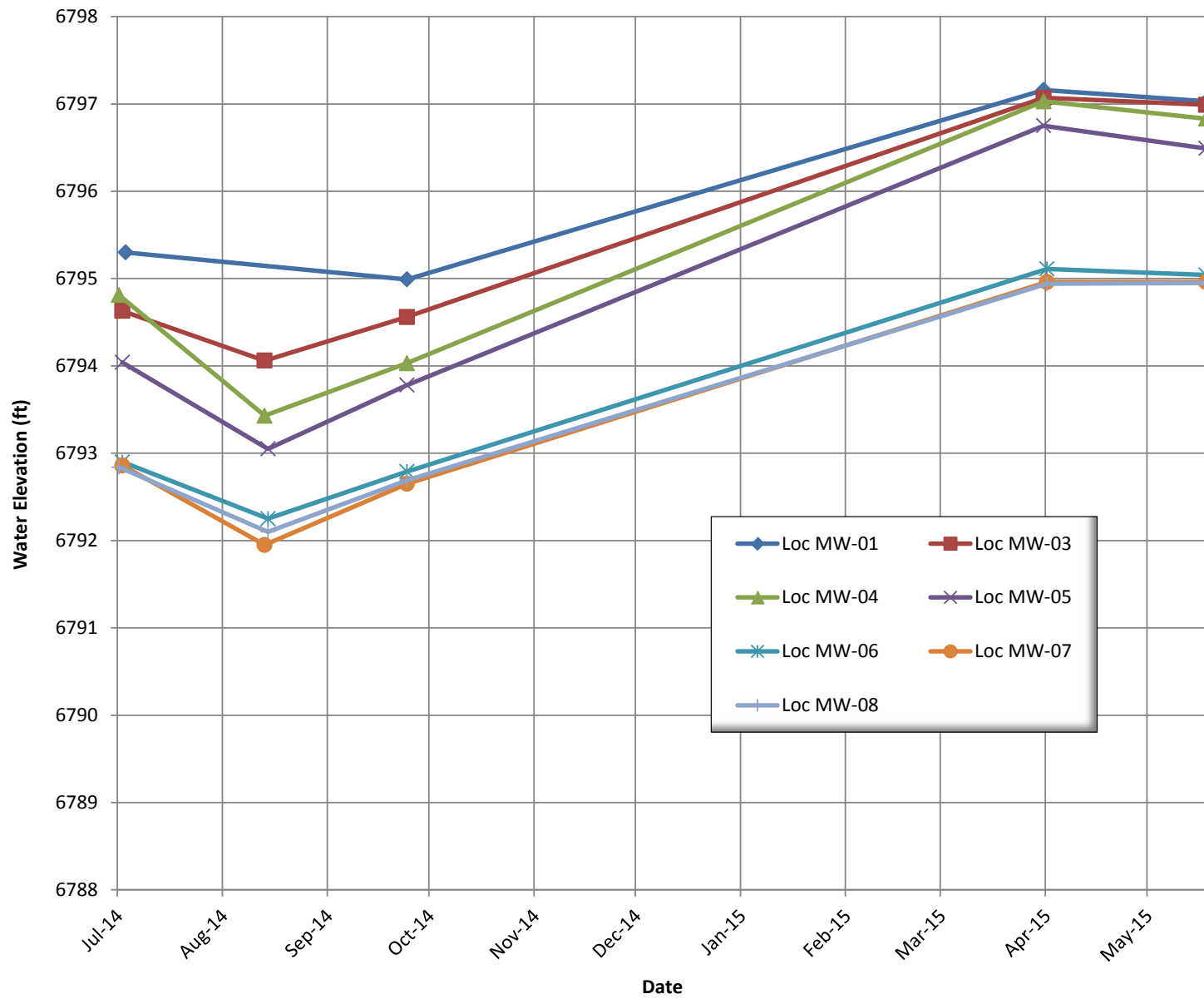


Figure 47. Area of Attainment Water Elevation (Western)

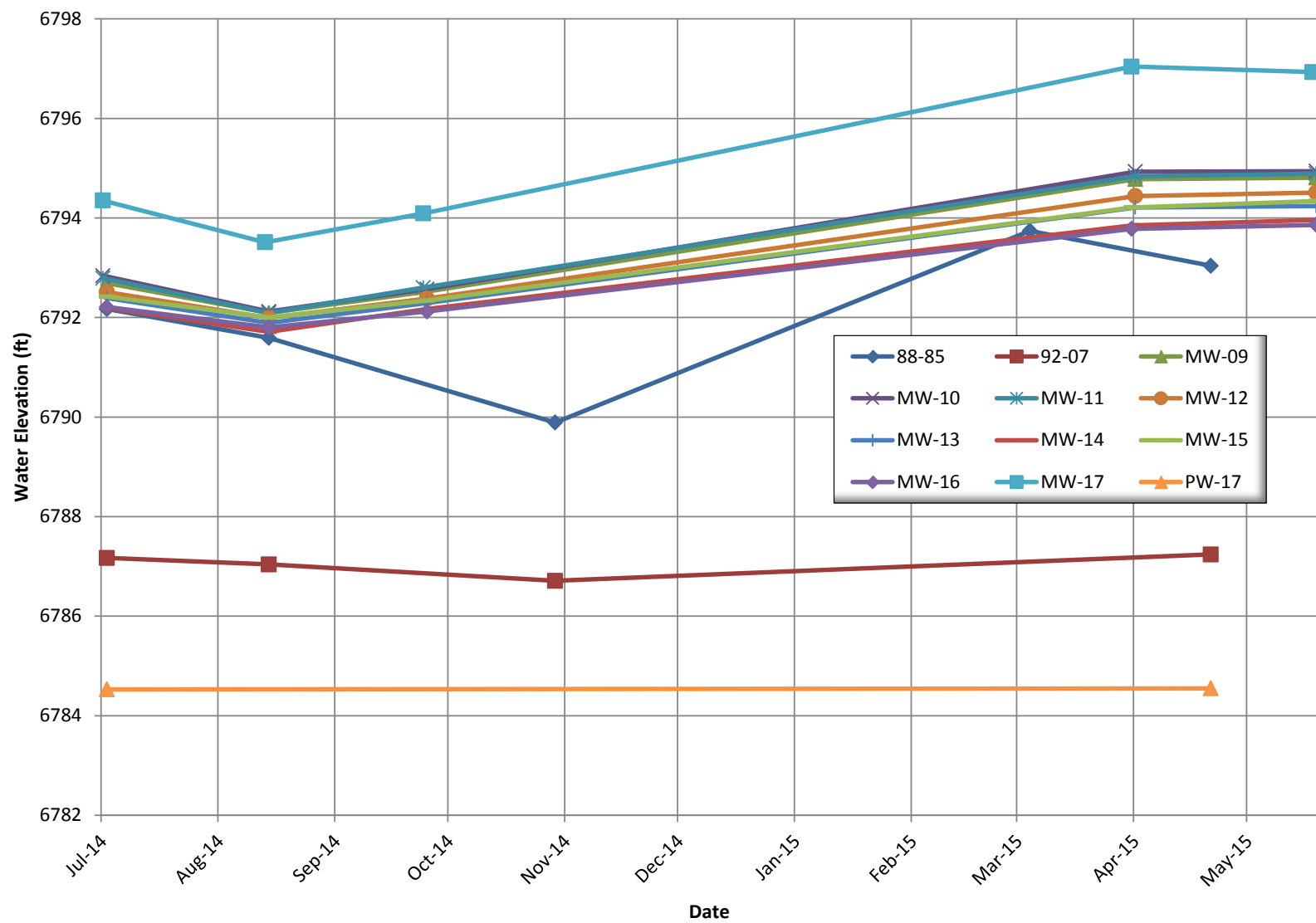
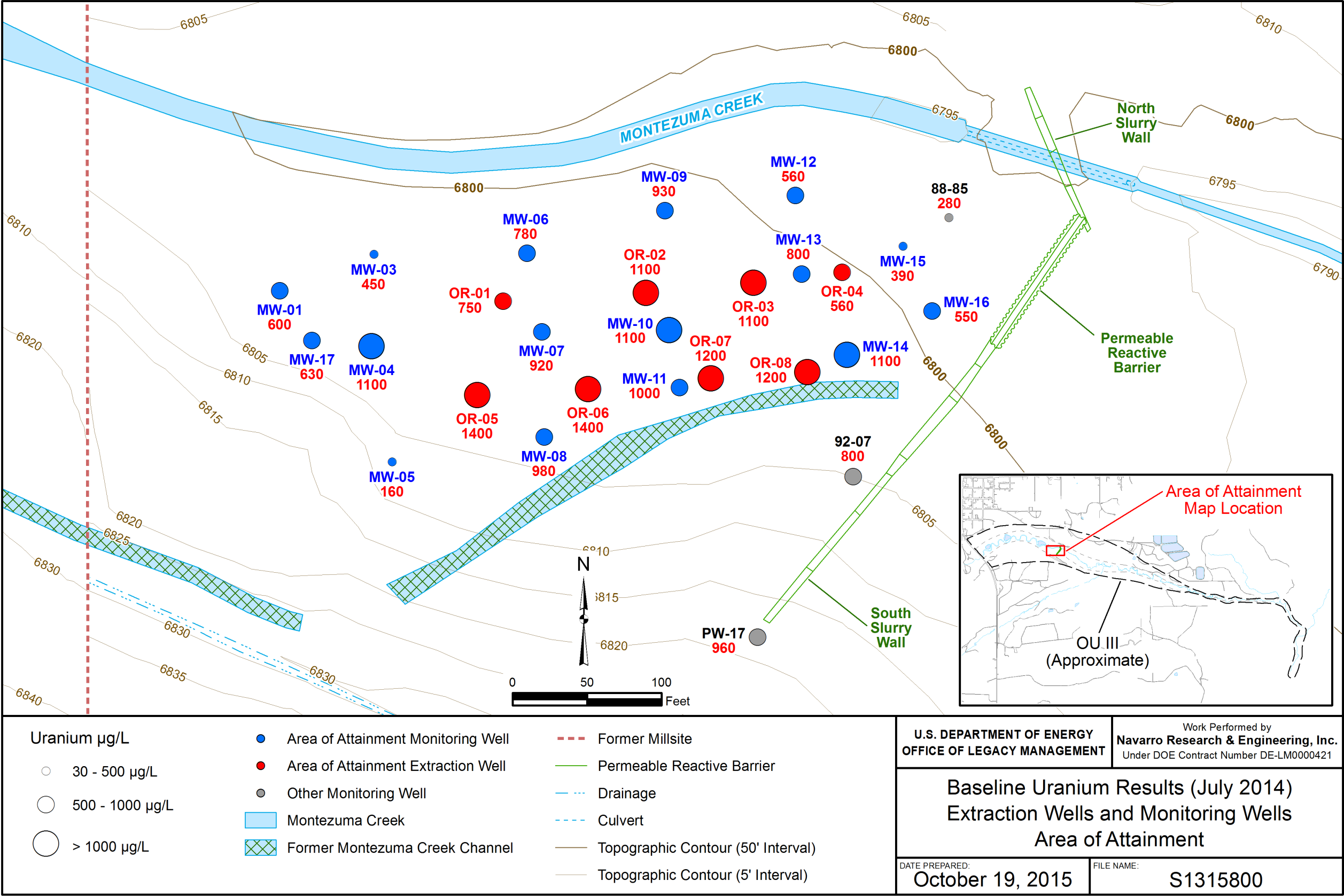
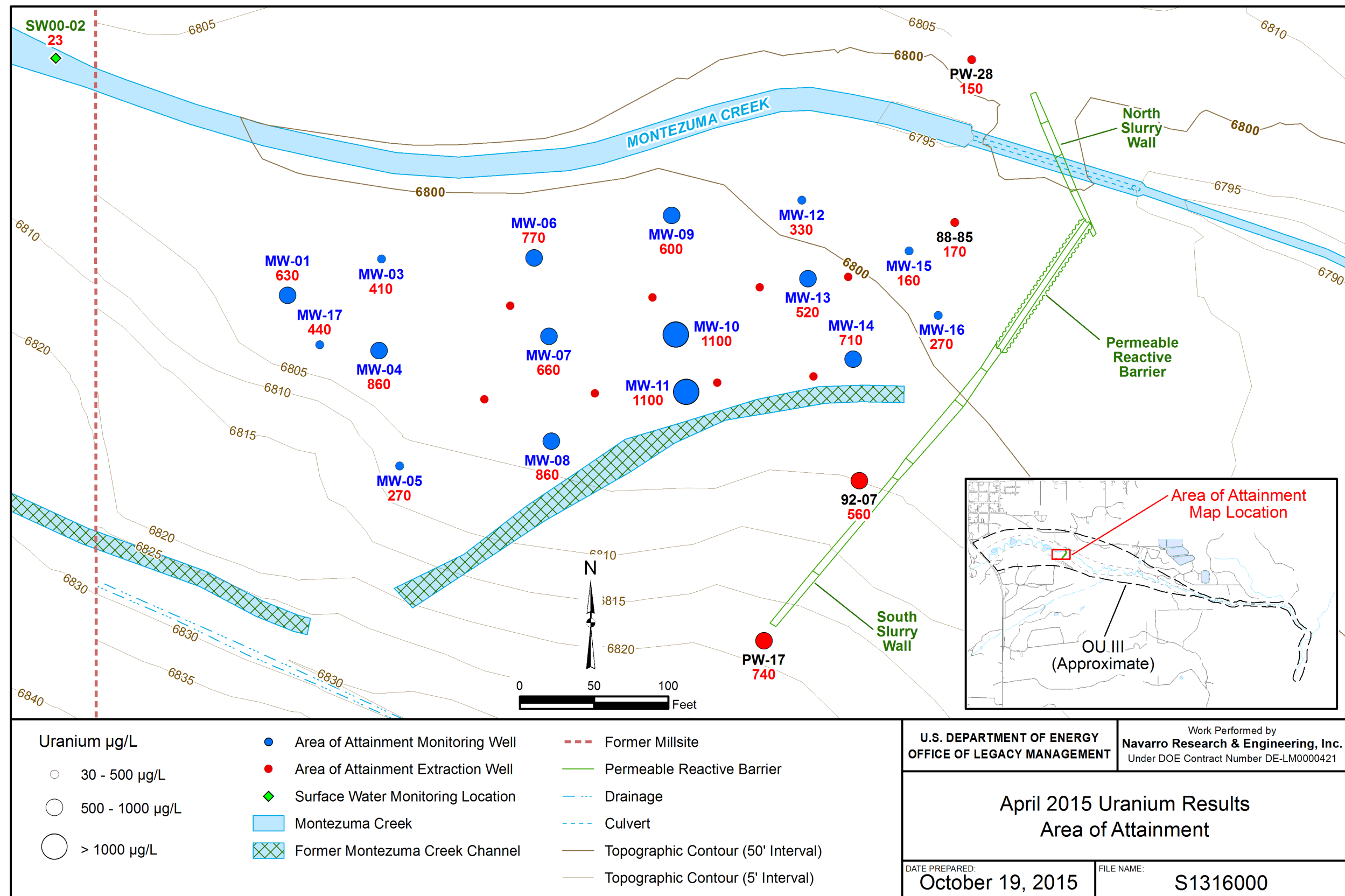


Figure 48. Area of Attainment Water Elevation (Eastern)



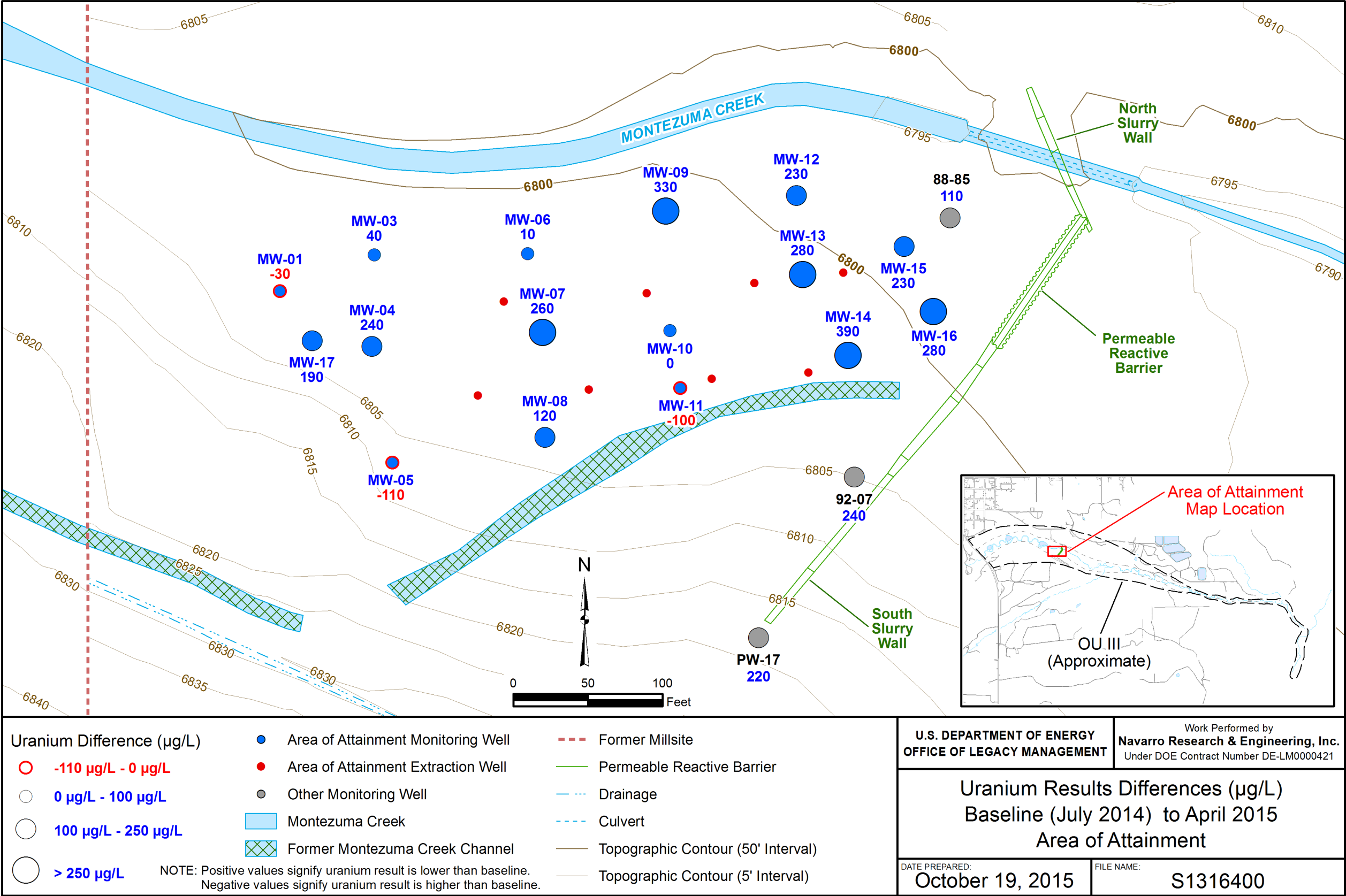
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Figure 49. Area of Attainment July 2014 Baseline Uranium at Extraction Wells and Monitoring Wells



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Figure 50. Area of Attainment April 2015 Uranium Concentrations



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Figure 51. Area of Attainment Baseline Uranium July 2014 Compared to Uranium Results in April 2015

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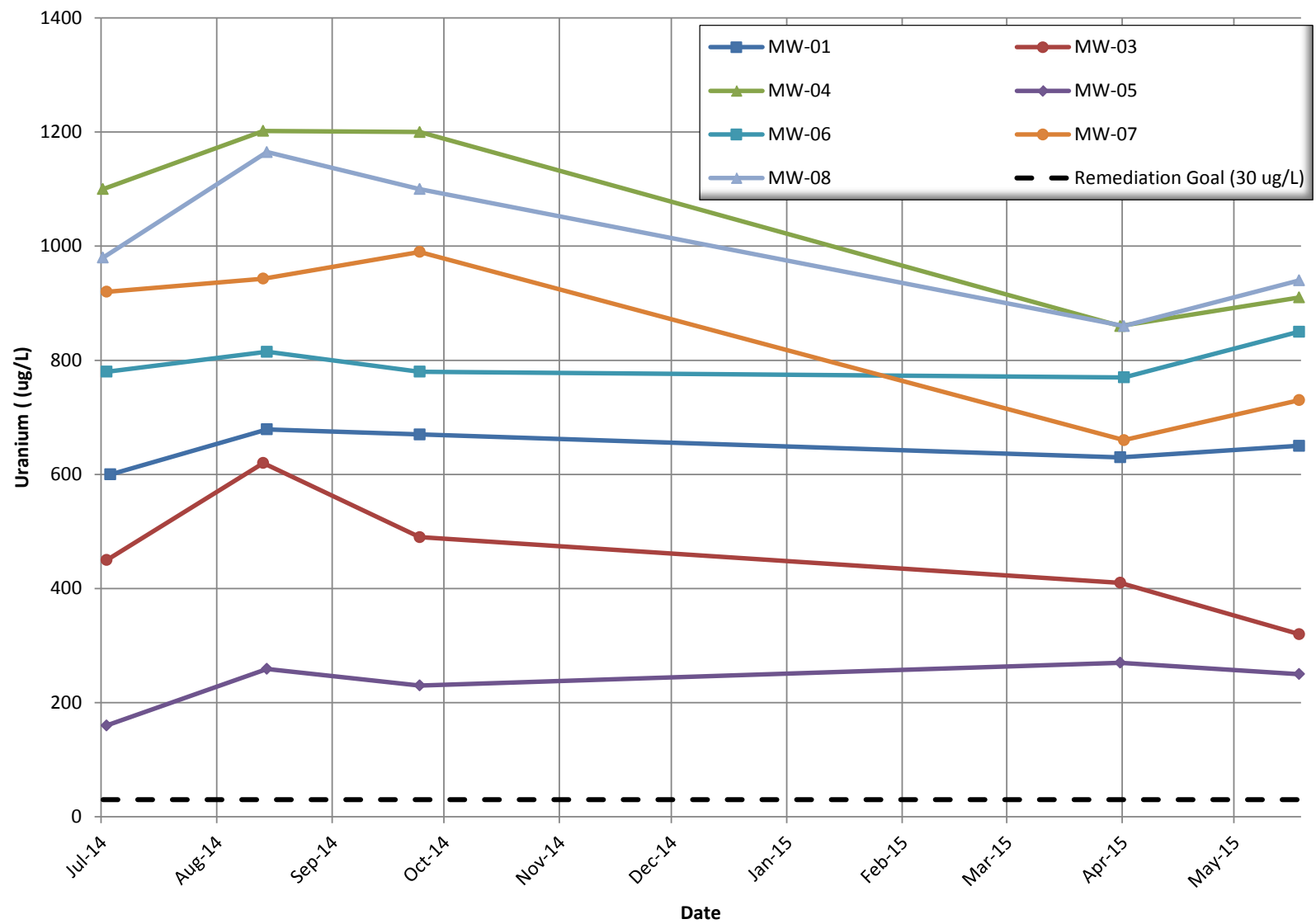


Figure 52. Area of Attainment Uranium Concentrations over Time (Western)

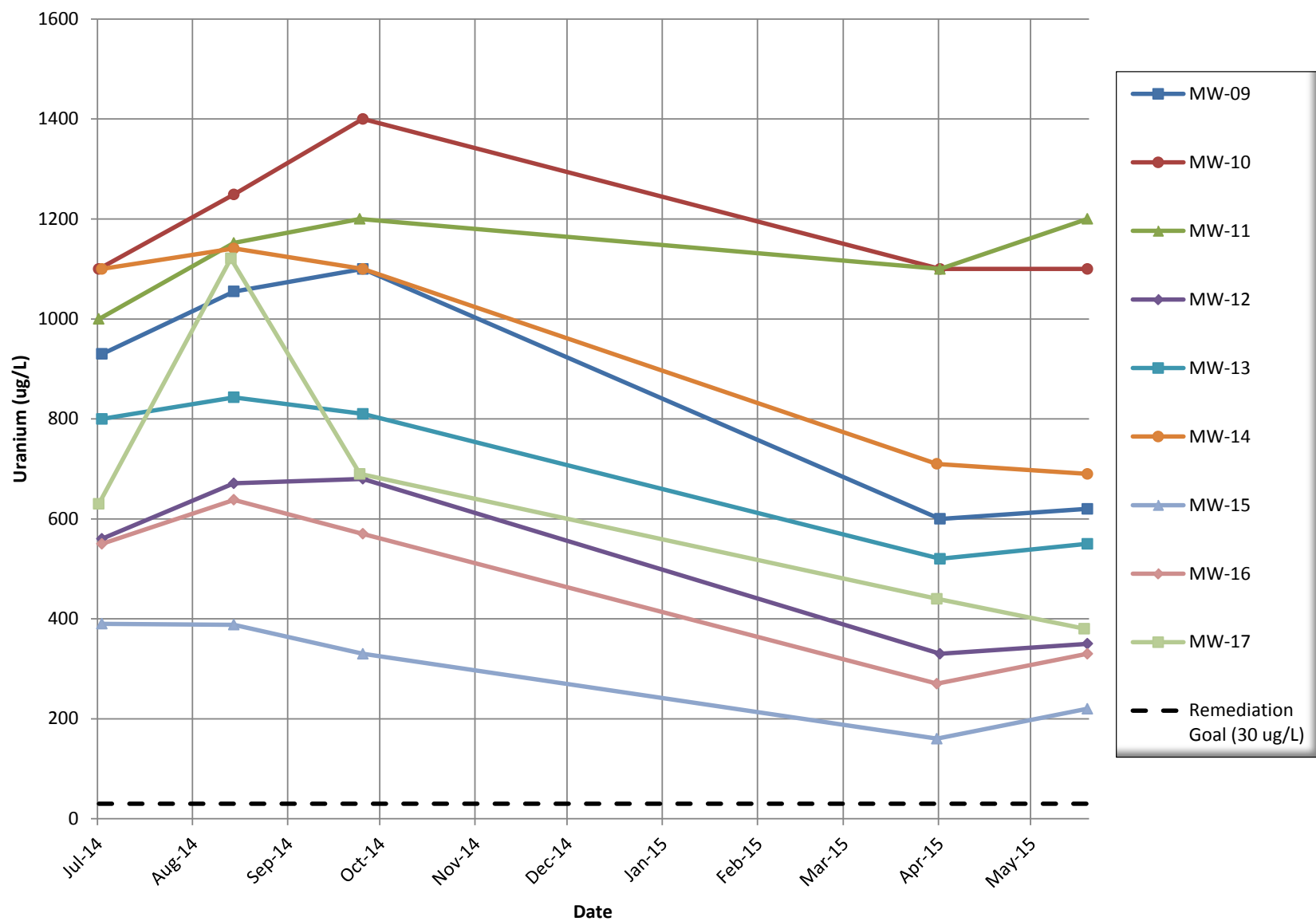


Figure 53. Area of Attainment Uranium Concentrations over Time (Eastern)

Appendix A

Analytical Results for Alluvial Groundwater Samples, May 2014 Through April 2015

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CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	0200	WL	10/31/2014	N001	QA	D	288	#	-	-
	mg/L	0200	WL	04/22/2015	0001	QA	D	293	#	-	-
	mg/L	0202	WL	04/22/2015	N001	QA	D	338	#	-	-
	mg/L	82-08	WL	10/29/2014	0001	QA	D	212	#	-	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	152	#	-	-
	mg/L	88-85	WL	07/02/2014	N001	QA	D	331	F #	-	-
	mg/L	88-85	WL	09/25/2014	N001	QA	D	355	F #	-	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	388	#	-	-
	mg/L	88-85	WL	04/21/2015	0001	QA	D	272	#	-	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	302	F #	-	-
	mg/L	92-07	WL	09/25/2014	N001	QA	D	288	F #	-	-
	mg/L	92-07	WL	10/29/2014	0001	QA	D	318	#	-	-
	mg/L	92-07	WL	04/21/2015	0001	QA	D	326	#	-	-
	mg/L	92-08	WL	10/30/2014	0001	QA	D	306	#	-	-
	mg/L	92-08	WL	04/22/2015	0001	QA	D	273	#	-	-
	mg/L	92-09	WL	10/29/2014	N001	QA	D	390	#	-	-
	mg/L	92-09	WL	04/22/2015	0001	QA	D	368	#	-	-
	mg/L	92-11	WL	10/29/2014	0001	QA	D	382	#	-	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	294	#	-	-
	mg/L	95-01	WL	10/30/2014	N001	QA	D	180	#	-	-
	mg/L	95-03	WL	10/30/2014	N001	QA-KB	D	204	#	-	-
	mg/L	MW00-01	WL	10/28/2014	N001	QA	U	290	#	-	-
	mg/L	MW00-01	WL	04/21/2015	0001	QA	U	301	#	-	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	292	#	-	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	278	#	-	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	308	#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	P92-06	WL	04/22/2015	0001	QA	D	317	#	-	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	314	#	-	-
	mg/L	PW-10	WL	04/21/2015	0001	QA	D	284	#	-	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	276	F #	-	-
	mg/L	PW-17	WL	09/25/2014	N001	QA	D	298	F #	-	-
	mg/L	PW-17	WL	10/29/2014	0001	QA	D	310	#	-	-
	mg/L	PW-17	WL	04/21/2015	0001	QA	D	276	#	-	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	390	#	-	-
	mg/L	PW-28	WL	04/22/2015	0001	QA	D	304	#	-	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	156	#	-	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	159	#	-	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	327	#	-	-
	mg/L	R1-M3	WL	04/21/2015	0001	QA	D	284	#	-	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	312	#	-	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	284	#	-	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	327	#	-	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	305	#	-	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	328	#	-	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	280	#	-	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	32	#	-	-
	mg/L	R4-M6	WL	10/28/2014	0001	RM	D	30	#	-	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	19	#	-	-
	mg/L	R6-M4	WL	04/21/2015	0001	QA	D	64	#	-	-
	mg/L	T00-01	WL	10/29/2014	N001	QA	O	312	#	-	-
	mg/L	T01-01	WL	04/21/2015	N001	QA	O	255	#	-	-
	mg/L	T01-02	WL	10/29/2014	N001	QA	O	380	#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	T01-02	WL	04/21/2015	0001	QA	O	267	#	-	-
	mg/L	T01-04	WL	10/29/2014	N001	QA	O	368	#	-	-
	mg/L	T01-04	WL	04/21/2015	0001	QA	O	325	#	-	-
	mg/L	T01-05	WL	10/29/2014	N001	QA	O	354	#	-	-
	mg/L	T01-05	WL	04/21/2015	0001	QA	O	327	#	-	-
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	362	#	-	-
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	340	#	-	-
	mg/L	T01-12	WL	10/29/2014	N001	QA	O	410	#	-	-
	mg/L	T01-12	WL	04/20/2015	N001	QA	O	365	#	-	-
	mg/L	T01-18	WL	10/28/2014	N001	QA	O	524	#	-	-
	mg/L	T01-19	WL	04/21/2015	0001	QA	O	408	#	-	-
	mg/L	T01-20	WL	10/28/2014	0001	QA	O	478	#	-	-
	mg/L	T01-23	WL	10/29/2014	N001	QA	O	388	#	-	-
	mg/L	T01-25	WL	10/30/2014	N001	QA	O	622	#	-	-
	mg/L	T01-35	WL	10/28/2014	N001	QA	O	324	#	-	-
	mg/L	T01-35	WL	04/20/2015	0001	QA	O	330	#	-	-
Arsenic	mg/L	0200	WL	10/31/2014	0001	QA	D	0.0002	#	1.5E-05	-
	mg/L	0200	WL	04/22/2015	0001	QA	D	0.00015 U	#	0.00015	-
	mg/L	0202	WL	10/30/2014	0001	QA	D	0.0016	#	7.4E-05	-
	mg/L	0202	WL	04/22/2015	0001	QA	D	0.0016	#	0.00015	-
	mg/L	82-08	WL	10/29/2014	0001	QA	D	0.00055	#	7.4E-05	-
	mg/L	82-08	WL	10/29/2014	0002	QA	D	0.00068	#	1.5E-05	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	0.00015 U	#	0.00015	-
	mg/L	88-85	WL	07/02/2014	N001	QA	D	0.013 F	#	7.4E-05	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	0.015	#	0.00015	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	88-85	WL	04/21/2015	0001	QA	D	0.010		#	0.00015	-
	mg/L	88-85	WL	04/21/2015	0002	QA	D	0.011		#	0.00015	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	0.0079	F	#	7.4E-05	-
	mg/L	92-07	WL	10/29/2014	0001	QA	D	0.012		#	0.0003	-
	mg/L	92-07	WL	04/21/2015	0001	QA	D	0.0076		#	0.00015	-
	mg/L	92-08	WL	10/30/2014	0001	QA	D	0.00037		#	1.5E-05	-
	mg/L	92-08	WL	10/30/2014	0002	QA	D	0.00022	B	#	0.00015	-
	mg/L	92-08	WL	04/22/2015	0001	QA	D	0.00015	U	#	0.00015	-
	mg/L	92-09	WL	10/29/2014	0001	QA	D	0.0021		#	1.5E-05	-
	mg/L	92-09	WL	04/22/2015	0001	QA	D	0.00056	J	#	0.00015	-
	mg/L	92-11	WL	10/29/2014	0001	QA	D	0.017	E J	#	0.00015	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	0.015		#	0.00015	-
	mg/L	95-01	WL	10/30/2014	0001	QA	D	0.0017		#	1.5E-05	-
	mg/L	95-03	WL	10/30/2014	0001	QA-KB	D	0.00006	B	#	1.5E-05	-
	mg/L	MW00-01	WL	10/28/2014	0001	QA	U	0.00034		#	1.5E-05	-
	mg/L	MW00-01	WL	04/21/2015	0001	QA	U	0.00015	U	#	0.00015	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	0.0044		#	0.00015	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	0.0024		#	0.00015	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	0.00022		#	1.5E-05	-
	mg/L	P92-06	WL	04/22/2015	0001	QA	D	0.00015	U	#	0.00015	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	0.0076		#	0.0003	-
	mg/L	PW-10	WL	04/21/2015	0001	QA	D	0.0064		#	0.00015	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	0.0082	F	#	7.4E-05	-
	mg/L	PW-17	WL	10/29/2014	0001	QA	D	0.010		#	0.0003	-
	mg/L	PW-17	WL	04/21/2015	0001	QA	D	0.0074		#	0.00015	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	0.0026		#	7.4E-05	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	PW-28	WL	04/22/2015	0001	QA	D	0.002			#	0.00015	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	0.001			#	7.4E-05	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	0.00015	U		#	0.00015	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	0.017	E	J	#	0.00015	-
	mg/L	R1-M3	WL	04/21/2015	0001	QA	D	0.015			#	0.00015	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	0.0078			#	0.00015	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	0.0064			#	0.00015	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	0.00018			#	1.5E-05	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	0.00015	U		#	0.00015	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	0.00042			#	1.5E-05	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	0.00015	U		#	0.00015	-
	mg/L	R4-M3	WL	10/28/2014	0001	RM	D	0.00006	B		#	1.5E-05	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	0.00015	U		#	0.00015	-
	mg/L	R4-M6	WL	10/28/2014	0001	RM	D	0.00006	B		#	1.5E-05	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	0.00015	U		#	0.00015	-
	mg/L	R6-M3	WL	10/28/2014	0001	QA	D	0.0055			#	7.4E-05	-
	mg/L	R6-M3	WL	04/22/2015	0001	QA	D	0.0035			#	0.00015	-
	mg/L	R6-M4	WL	10/28/2014	0001	QA	D	0.00095			#	1.5E-05	-
	mg/L	R6-M4	WL	04/21/2015	0001	QA	D	0.00015	U		#	0.00015	-
	mg/L	T00-01	WL	10/29/2014	0001	QA	O	0.0089			#	0.00015	-
	mg/L	T01-01	WL	10/29/2014	0001	QA	O	0.013			#	7.4E-05	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	0.0072			#	0.00015	-
	mg/L	T01-02	WL	10/29/2014	0001	QA	O	0.024			#	0.00015	-
	mg/L	T01-02	WL	04/21/2015	0001	QA	O	0.014			#	0.00015	-
	mg/L	T01-04	WL	10/29/2014	0001	QA	O	0.018			#	0.00015	-
	mg/L	T01-04	WL	04/21/2015	0001	QA	O	0.014	E	J	#	0.00015	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	T01-04	WL	04/21/2015	0002	QA	O	0.015	#	0.00015	-
	mg/L	T01-05	WL	10/29/2014	0001	QA	O	0.017	#	0.00015	-
	mg/L	T01-05	WL	04/21/2015	0001	QA	O	0.013	#	0.00015	-
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	0.0049	#	0.00015	-
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	0.0033	#	0.00015	-
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	0.0041	#	0.00015	-
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	0.0026	#	0.00015	-
	mg/L	T01-18	WL	10/28/2014	0001	QA	O	0.0011	#	1.5E-05	-
	mg/L	T01-19	WL	04/21/2015	0001	QA	O	0.007	#	0.00015	-
	mg/L	T01-20	WL	10/28/2014	0001	QA	O	0.0015	#	1.5E-05	-
	mg/L	T01-23	WL	10/29/2014	0001	QA	O	0.00005 B	#	1.5E-05	-
	mg/L	T01-25	WL	10/30/2014	0001	QA	O	0.011	#	1.5E-05	-
	mg/L	T01-35	WL	10/28/2014	0001	QA	O	0.011	#	0.00015	-
	mg/L	T01-35	WL	04/20/2015	0001	QA	O	0.0093	#	0.00015	-
Calcium	mg/L	0200	WL	10/31/2014	0001	QA	D	250.000	#	0.024	-
	mg/L	0200	WL	04/22/2015	0001	QA	D	250.000	#	0.024	-
	mg/L	0202	WL	10/30/2014	0001	QA	D	280.000	#	0.024	-
	mg/L	0202	WL	04/22/2015	0001	QA	D	240.000	#	0.024	-
	mg/L	82-08	WL	10/29/2014	0001	QA	D	280.000	#	0.024	-
	mg/L	82-08	WL	10/29/2014	0002	QA	D	260.000	#	0.024	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	230.000	#	0.024	-
	mg/L	88-85	WL	07/02/2014	N001	QA	D	340.000	F #	0.012	-
	mg/L	88-85	WL	09/25/2014	N001	QA	D	290.000	F #	0.012	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	280.000	#	0.024	-
	mg/L	88-85	WL	04/21/2015	0001	QA	D	250.000	#	0.024	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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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	04/21/2015	0002	QA	D	250.000	#	0.024	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	280.000	F #	0.012	-
	mg/L	92-07	WL	09/25/2014	N001	QA	D	280.000	F #	0.012	-
	mg/L	92-07	WL	09/25/2014	N002	QA	D	290.000	JF #	0.012	-
	mg/L	92-07	WL	10/29/2014	0001	QA	D	270.000	#	0.024	-
	mg/L	92-07	WL	04/21/2015	0001	QA	D	230.000	#	0.024	-
	mg/L	92-08	WL	10/30/2014	0001	QA	D	280.000	#	0.024	-
	mg/L	92-08	WL	10/30/2014	0002	QA	D	280.000	#	0.024	-
	mg/L	92-08	WL	04/22/2015	0001	QA	D	230.000	#	0.024	-
	mg/L	92-09	WL	10/29/2014	0001	QA	D	310.000	#	0.024	-
	mg/L	92-09	WL	04/22/2015	0001	QA	D	290.000	#	0.024	-
	mg/L	92-11	WL	10/29/2014	0001	QA	D	270.000	#	0.024	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	250.000	#	0.024	-
	mg/L	95-01	WL	10/30/2014	0001	QA	D	38.000	#	0.024	-
	mg/L	95-03	WL	10/30/2014	0001	QA-KB	D	160.000	#	0.024	-
	mg/L	MW00-01	WL	10/28/2014	0001	QA	U	200.000	#	0.024	-
	mg/L	MW00-01	WL	04/21/2015	0001	QA	U	210.000	#	0.024	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	250.000	#	0.024	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	220.000	#	0.024	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	240.000	#	0.024	-
	mg/L	P92-06	WL	04/22/2015	0001	QA	D	230.000	#	0.024	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	260.000	#	0.024	-
	mg/L	PW-10	WL	04/21/2015	0001	QA	D	220.000	#	0.024	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	280.000	F #	0.012	-
	mg/L	PW-17	WL	09/25/2014	N001	QA	D	280.000	F #	0.012	-
	mg/L	PW-17	WL	10/29/2014	0001	QA	D	260.000	#	0.024	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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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	PW-17	WL	04/21/2015	0001	QA	D	220.000	#	0.024	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	280.000	#	0.024	-
	mg/L	PW-28	WL	04/22/2015	0001	QA	D	280.000	#	0.024	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	140.000	#	0.024	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	140.000	#	0.024	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	250.000	#	0.024	-
	mg/L	R1-M3	WL	04/21/2015	0001	QA	D	240.000	#	0.024	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	230.000	#	0.024	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	240.000	#	0.024	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	230.000	#	0.024	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	240.000	#	0.024	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	230.000	#	0.024	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	220.000	#	0.024	-
	mg/L	R4-M3	WL	10/28/2014	0001	RM	D	18.000	#	0.024	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	23.000	#	0.024	-
	mg/L	R4-M6	WL	10/28/2014	0001	RM	D	25.000	#	0.024	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	29.000	#	0.024	-
	mg/L	R6-M3	WL	10/28/2014	0001	QA	D	230.000	#	0.024	-
	mg/L	R6-M3	WL	04/22/2015	0001	QA	D	210.000	#	0.024	-
	mg/L	R6-M4	WL	10/28/2014	0001	QA	D	37.000	#	0.024	-
	mg/L	R6-M4	WL	04/21/2015	0001	QA	D	36.000	#	0.024	-
	mg/L	T00-01	WL	10/29/2014	0001	QA	O	250.000	#	0.024	-
	mg/L	T01-01	WL	10/29/2014	0001	QA	O	270.000	#	0.024	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	240.000	#	0.024	-
	mg/L	T01-02	WL	10/29/2014	0001	QA	O	240.000	#	0.024	-
	mg/L	T01-02	WL	04/21/2015	0001	QA	O	260.000	#	0.024	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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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	T01-04	WL	10/29/2014	0001	QA	O	230.000	#	0.024	-
	mg/L	T01-04	WL	04/21/2015	0001	QA	O	260.000	#	0.024	-
	mg/L	T01-04	WL	04/21/2015	0002	QA	O	260.000	#	0.024	-
	mg/L	T01-05	WL	10/29/2014	0001	QA	O	230.000	#	0.024	-
	mg/L	T01-05	WL	04/21/2015	0001	QA	O	270.000	#	0.024	-
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	270.000	#	0.024	-
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	320.000	#	0.024	-
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	230.000	#	0.024	-
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	280.000	#	0.024	-
	mg/L	T01-18	WL	10/28/2014	0001	QA	O	450.000	#	0.12	-
	mg/L	T01-19	WL	04/21/2015	0001	QA	O	230.000	#	0.024	-
	mg/L	T01-20	WL	10/28/2014	0001	QA	O	170.000	#	0.024	-
	mg/L	T01-23	WL	10/29/2014	0001	QA	O	170.000	#	0.024	-
	mg/L	T01-25	WL	10/30/2014	0001	QA	O	370.000	#	0.024	-
	mg/L	T01-35	WL	10/28/2014	0001	QA	O	220.000	#	0.024	-
	mg/L	T01-35	WL	04/20/2015	0001	QA	O	270.000	#	0.024	-
Chloride	mg/L	0200	WL	10/31/2014	0001	QA	D	89	#	4	-
	mg/L	0200	WL	04/22/2015	0001	QA	D	87	#	4	-
	mg/L	0202	WL	04/22/2015	0001	QA	D	100	#	4	-
	mg/L	82-08	WL	10/29/2014	0001	QA	D	100	#	4	-
	mg/L	82-08	WL	10/29/2014	0002	QA	D	100	#	4	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	110	#	4	-
	mg/L	88-85	WL	07/02/2014	N001	QA	D	81	F #	4	-
	mg/L	88-85	WL	09/25/2014	N001	QA	D	79	F #	4	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	81	#	4	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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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	88-85	WL	04/21/2015	0001	QA	D	96	#	4	-
	mg/L	88-85	WL	04/21/2015	0002	QA	D	96	#	4	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	45	F #	4	-
	mg/L	92-07	WL	09/25/2014	N001	QA	D	58	F #	4	-
	mg/L	92-07	WL	09/25/2014	N002	QA	D	58	F #	4	-
	mg/L	92-07	WL	10/29/2014	0001	QA	D	52	#	4	-
	mg/L	92-07	WL	04/21/2015	0001	QA	D	85	#	4	-
	mg/L	92-08	WL	10/30/2014	0001	QA	D	72	#	4	-
	mg/L	92-08	WL	10/30/2014	0002	QA	D	71	#	4	-
	mg/L	92-08	WL	04/22/2015	0001	QA	D	90	#	4	-
	mg/L	92-09	WL	10/29/2014	0001	QA	D	110	#	5	-
	mg/L	92-09	WL	04/22/2015	0001	QA	D	110	#	5	-
	mg/L	92-11	WL	10/29/2014	0001	QA	D	81	#	4	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	96	#	4	-
	mg/L	95-01	WL	10/30/2014	0001	QA	D	7.8	#	0.2	-
	mg/L	95-03	WL	10/30/2014	0001	QA-KB	D	83	#	4	-
	mg/L	MW00-01	WL	10/28/2014	0001	QA	U	14	#	0.2	-
	mg/L	MW00-01	WL	04/21/2015	0001	QA	U	21	#	2	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	60	#	4	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	87	#	4	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	51	#	4	-
	mg/L	P92-06	WL	04/22/2015	0001	QA	D	64	#	4	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	53	#	4	-
	mg/L	PW-10	WL	04/21/2015	0001	QA	D	84	#	4	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	49	F #	4	-
	mg/L	PW-17	WL	09/25/2014	N001	QA	D	58	F #	4	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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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	PW-17	WL	10/29/2014	0001	QA	D	52	#	4	-
	mg/L	PW-17	WL	04/21/2015	0001	QA	D	81	#	4	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	100	#	4	-
	mg/L	PW-28	WL	04/22/2015	0001	QA	D	130	#	4	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	70	#	2	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	74	#	2	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	59	#	4	-
	mg/L	R1-M3	WL	04/21/2015	0001	QA	D	89	#	4	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	62	#	4	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	85	#	4	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	59	#	4	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	82	#	4	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	60	#	4	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	80	#	4	-
	mg/L	R4-M3	WL	10/28/2014	0001	RM	D	50	#	2	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	61	#	2	-
	mg/L	R4-M6	WL	10/28/2014	0001	RM	D	60	#	2	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	70	#	2	-
	mg/L	T00-01	WL	10/29/2014	0001	QA	O	48	#	4	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	110	#	4	-
	mg/L	T01-02	WL	10/29/2014	0001	QA	O	63	#	4	-
	mg/L	T01-02	WL	04/21/2015	0001	QA	O	110	#	4	-
	mg/L	T01-04	WL	10/29/2014	0001	QA	O	67	#	4	-
	mg/L	T01-04	WL	04/21/2015	0001	QA	O	100	#	4	-
	mg/L	T01-04	WL	04/21/2015	0002	QA	O	100	#	4	-
	mg/L	T01-05	WL	10/29/2014	0001	QA	O	66	#	4	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	T01-05	WL	04/21/2015	0001	QA	O	110	#	4	-
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	120	#	5	-
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	160	#	5	-
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	91	#	4	-
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	130	#	4	-
	mg/L	T01-18	WL	10/28/2014	0001	QA	O	230	#	10	-
	mg/L	T01-23	WL	10/29/2014	0001	QA	O	23	#	2	-
	mg/L	T01-25	WL	10/30/2014	0001	QA	O	48	#	5	-
	mg/L	T01-35	WL	10/28/2014	0001	QA	O	65	#	4	-
	mg/L	T01-35	WL	04/20/2015	0001	QA	O	120	#	4	-
Dissolved Oxygen	mg/L	88-85	WL	07/02/2014	N001	QA	D	1.68	F #	-	-
	mg/L	88-85	WL	09/25/2014	N001	QA	D	0.73	F #	-	-
	mg/L	88-85	WL	10/29/2014	N001	QA	D	3.34	#	-	-
	mg/L	88-85	WL	04/21/2015	N001	QA	D	2.77	#	-	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	0.70	F #	-	-
	mg/L	92-07	WL	09/25/2014	N001	QA	D	1.23	F #	-	-
	mg/L	92-07	WL	10/29/2014	N001	QA	D	2.05	#	-	-
	mg/L	92-07	WL	04/21/2015	N001	QA	D	0.80	#	-	-
	mg/L	92-08	WL	10/30/2014	N001	QA	D	1.49	#	-	-
	mg/L	92-11	WL	10/29/2014	N001	QA	D	5.85	#	-	-
	mg/L	92-11	WL	04/22/2015	N001	QA	D	5.79	#	-	-
	mg/L	R10-M1	WL	10/28/2014	N001	QA	D	5.71	#	-	-
	mg/L	R10-M1	WL	04/22/2015	N001	QA	D	3.33	J #	-	-
	mg/L	R1-M3	WL	10/28/2014	N001	QA	D	0.73	#	-	-
	mg/L	R1-M3	WL	04/21/2015	N001	QA	D	2.86	#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL.	FLOW REL.	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Dissolved Oxygen	mg/L	R1-M4	WL	10/28/2014	N001	QA	D	0.86	#	-	-
	mg/L	R1-M4	WL	04/21/2015	N001	QA	D	1.89	#	-	-
	mg/L	R3-M2	WL	10/28/2014	N001	RM	D	1.85	#	-	-
	mg/L	R3-M2	WL	04/21/2015	N001	RM	D	1.55	#	-	-
	mg/L	R3-M3	WL	10/28/2014	N001	RM	D	1.13	#	-	-
	mg/L	R3-M3	WL	04/21/2015	N001	RM	D	1.09	#	-	-
	mg/L	R4-M3	WL	04/21/2015	N001	RM	D	1.99	#	-	-
	mg/L	R4-M6	WL	10/28/2014	N001	RM	D	4.53	#	-	-
	mg/L	R4-M6	WL	04/21/2015	N001	RM	D	2.93	#	-	-
	mg/L	R6-M3	WL	04/22/2015	N001	QA	D	3.26	#	-	-
	mg/L	R6-M4	WL	04/21/2015	N001	QA	D	4.95	#	-	-
	mg/L	T01-01	WL	04/21/2015	N001	QA	O	1.42	#	-	-
	mg/L	T01-12	WL	04/20/2015	N001	QA	O	5.26	#	-	-
Fluoride	mg/L	0200	WL	10/31/2014	0001	QA	D	0.41	#	0.2	-
	mg/L	0200	WL	04/22/2015	0001	QA	D	0.35	#	0.2	-
	mg/L	0202	WL	04/22/2015	0001	QA	D	0.5	#	0.2	-
	mg/L	82-08	WL	10/29/2014	0001	QA	D	1.4	#	0.2	-
	mg/L	82-08	WL	10/29/2014	0002	QA	D	1.4	#	0.2	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	1.2	#	0.2	-
	mg/L	88-85	WL	07/02/2014	N001	QA	D	0.45	F #	0.2	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	0.49	#	0.2	-
	mg/L	88-85	WL	04/21/2015	0001	QA	D	0.43	#	0.2	-
	mg/L	88-85	WL	04/21/2015	0002	QA	D	0.43	#	0.2	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	0.5	F #	0.2	-
	mg/L	92-07	WL	10/29/2014	0001	QA	D	0.55	#	0.2	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	92-07	WL	04/21/2015	0001	QA	D	0.49	#	0.2	-
	mg/L	92-08	WL	10/30/2014	0001	QA	D	0.33	#	0.2	-
	mg/L	92-08	WL	10/30/2014	0002	QA	D	0.33	#	0.2	-
	mg/L	92-08	WL	04/22/2015	0001	QA	D	0.31	#	0.2	-
	mg/L	92-09	WL	10/29/2014	0001	QA	D	0.22	#	0.2	-
	mg/L	92-09	WL	04/22/2015	0001	QA	D	0.22	#	0.2	-
	mg/L	92-11	WL	10/29/2014	0001	QA	D	0.34	#	0.2	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	0.41	#	0.2	-
	mg/L	95-01	WL	10/30/2014	0001	QA	D	0.26	#	0.1	-
	mg/L	95-03	WL	10/30/2014	0001	QA-KB	D	0.22	#	0.2	-
	mg/L	MW00-01	WL	10/28/2014	0001	QA	U	0.2	#	0.1	-
	mg/L	MW00-01	WL	04/21/2015	0001	QA	U	0.2	#	0.1	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	0.47	#	0.2	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	0.4	#	0.2	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	0.31	#	0.2	-
	mg/L	P92-06	WL	04/22/2015	0001	QA	D	0.3	#	0.2	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	0.54	#	0.2	-
	mg/L	PW-10	WL	04/21/2015	0001	QA	D	0.53	#	0.2	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	0.5	F #	0.2	-
	mg/L	PW-17	WL	10/29/2014	0001	QA	D	0.53	#	0.2	-
	mg/L	PW-17	WL	04/21/2015	0001	QA	D	0.46	#	0.2	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	0.49	#	0.2	-
	mg/L	PW-28	WL	04/22/2015	0001	QA	D	0.4	#	0.2	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	0.17	#	0.1	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	0.17	#	0.1	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	0.5	#	0.2	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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-M3	WL	04/21/2015	0001	QA	D	0.43	#	0.2	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	0.55	#	0.2	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	0.38	#	0.2	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	0.49	#	0.2	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	0.45	#	0.2	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	0.46	#	0.2	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	0.38	#	0.2	-
	mg/L	R4-M3	WL	10/28/2014	0001	RM	D	0.12	#	0.1	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	0.11	#	0.1	-
	mg/L	R4-M6	WL	10/28/2014	0001	RM	D	0.1	U #	0.1	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	0.1	U #	0.1	-
	mg/L	T00-01	WL	10/29/2014	0001	QA	O	0.32	#	0.2	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	0.27	#	0.2	-
	mg/L	T01-02	WL	10/29/2014	0001	QA	O	0.44	#	0.2	-
	mg/L	T01-02	WL	04/21/2015	0001	QA	O	0.29	#	0.2	-
	mg/L	T01-04	WL	10/29/2014	0001	QA	O	0.39	#	0.2	-
	mg/L	T01-04	WL	04/21/2015	0001	QA	O	0.36	#	0.2	-
	mg/L	T01-04	WL	04/21/2015	0002	QA	O	0.33	#	0.2	-
	mg/L	T01-05	WL	10/29/2014	0001	QA	O	0.43	#	0.2	-
	mg/L	T01-05	WL	04/21/2015	0001	QA	O	0.3	#	0.2	-
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	0.43	#	0.2	-
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	0.35	#	0.2	-
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	0.39	#	0.2	-
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	0.34	#	0.2	-
	mg/L	T01-18	WL	10/28/2014	0001	QA	O	0.5	U #	0.5	-
	mg/L	T01-23	WL	10/29/2014	0001	QA	O	0.25	#	0.1	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	T01-25	WL	10/30/2014	0001	QA	O	0.21			#	0.2	-
	mg/L	T01-35	WL	10/28/2014	0001	QA	O	0.31			#	0.2	-
	mg/L	T01-35	WL	04/20/2015	0001	QA	O	0.31			#	0.2	-
Iron	mg/L	0200	WL	10/31/2014	0001	QA	D	0.0067	B	U	#	0.0067	-
	mg/L	0200	WL	04/22/2015	0001	QA	D	0.031	JN	U	#	0.0067	-
	mg/L	0202	WL	10/30/2014	0001	QA	D	0.0067	B	U	#	0.0067	-
	mg/L	0202	WL	04/22/2015	0001	QA	D	1.200			#	0.0067	-
	mg/L	82-08	WL	10/29/2014	0001	QA	D	0.0067	U		#	0.0067	-
	mg/L	82-08	WL	10/29/2014	0002	QA	D	0.0067	U		#	0.0067	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	0.0067	U		#	0.0067	-
	mg/L	88-85	WL	07/02/2014	N001	QA	D	0.230		F	#	0.0049	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	0.0067	U		#	0.0067	-
	mg/L	88-85	WL	04/21/2015	0001	QA	D	0.015	J	U	#	0.0067	-
	mg/L	88-85	WL	04/21/2015	0002	QA	D	0.0067	U		#	0.0067	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	0.0049	B	UF	#	0.0049	-
	mg/L	92-07	WL	10/29/2014	0001	QA	D	0.0067	U		#	0.0067	-
	mg/L	92-07	WL	04/21/2015	0001	QA	D	0.0067	U		#	0.0067	-
	mg/L	92-08	WL	10/30/2014	0001	QA	D	0.0067	B	U	#	0.0067	-
	mg/L	92-08	WL	10/30/2014	0002	QA	D	0.0067	U		#	0.0067	-
	mg/L	92-08	WL	04/22/2015	0001	QA	D	0.017	J	U	#	0.0067	-
	mg/L	92-09	WL	10/29/2014	0001	QA	D	1.600			#	0.0067	-
	mg/L	92-09	WL	04/22/2015	0001	QA	D	1.200			#	0.0067	-
	mg/L	92-11	WL	10/29/2014	0001	QA	D	0.0067	U		#	0.0067	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	0.014	J	U	#	0.0067	-
	mg/L	95-01	WL	10/30/2014	0001	QA	D	0.410			#	0.0067	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	10/30/2014	0001	QA-KB	D	1.500			#	0.0067	-
	mg/L	MW00-01	WL	10/28/2014	0001	QA	U	0.0067	U	J	#	0.0067	-
	mg/L	MW00-01	WL	04/21/2015	0001	QA	U	0.025	J	U	#	0.0067	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	0.0067	U	J	#	0.0067	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	0.015	J	U	#	0.0067	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	0.0067	U	J	#	0.0067	-
	mg/L	P92-06	WL	04/22/2015	0001	QA	D	0.010	J	U	#	0.0067	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	0.045	B		#	0.0067	-
	mg/L	PW-10	WL	04/21/2015	0001	QA	D	0.026	J	U	#	0.0067	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	0.310		F	#	0.0049	-
	mg/L	PW-17	WL	10/29/2014	0001	QA	D	0.015	B	J	#	0.0067	-
	mg/L	PW-17	WL	04/21/2015	0001	QA	D	0.052	J	U	#	0.0067	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	0.028	B	J	#	0.0067	-
	mg/L	PW-28	WL	04/22/2015	0001	QA	D	0.017	J	U	#	0.0067	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	0.037	B		#	0.0067	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	0.019	J	U	#	0.0067	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	0.021	B	J	#	0.0067	-
	mg/L	R1-M3	WL	04/21/2015	0001	QA	D	0.038	J	U	#	0.0067	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	0.0067	U	J	#	0.0067	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	0.050	J		#	0.0067	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	3.800			#	0.0067	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	3.700			#	0.0067	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	8.500			#	0.0067	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	8.200			#	0.0067	-
	mg/L	R4-M3	WL	10/28/2014	0001	RM	D	0.0067		U	#	0.0067	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	0.077	J		#	0.0067	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	10/28/2014	0001	RM	D	0.0067	U		#	0.0067	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	0.068	J		#	0.0067	-
	mg/L	R6-M3	WL	10/28/2014	0001	QA	D	0.440			#	0.0067	-
	mg/L	R6-M3	WL	04/22/2015	0001	QA	D	0.160			#	0.0067	-
	mg/L	R6-M4	WL	10/28/2014	0001	QA	D	1.200			#	0.0067	-
	mg/L	R6-M4	WL	04/21/2015	0001	QA	D	0.054	J		#	0.0067	-
	mg/L	T00-01	WL	10/29/2014	0001	QA	O	0.0067	U		#	0.0067	-
	mg/L	T01-01	WL	10/29/2014	0001	QA	O	0.570			#	0.0067	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	0.024	J		#	0.0067	-
	mg/L	T01-02	WL	10/29/2014	0001	QA	O	0.0067	B	U	#	0.0067	-
	mg/L	T01-02	WL	04/21/2015	0001	QA	O	0.130			#	0.0067	-
	mg/L	T01-04	WL	10/29/2014	0001	QA	O	0.0067	B	U	#	0.0067	-
	mg/L	T01-04	WL	04/21/2015	0001	QA	O	0.0067	U		#	0.0067	-
	mg/L	T01-04	WL	04/21/2015	0002	QA	O	0.025	J	U	#	0.0067	-
	mg/L	T01-05	WL	10/29/2014	0001	QA	O	0.0067	U		#	0.0067	-
	mg/L	T01-05	WL	04/21/2015	0001	QA	O	0.0091	J	U	#	0.0067	-
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	0.0067	B	U	#	0.0067	-
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	0.022	J	U	#	0.0067	-
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	0.0067	U		#	0.0067	-
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	0.015	J	U	#	0.0067	-
	mg/L	T01-18	WL	10/28/2014	0001	QA	O	0.033	B	U	#	0.033	-
	mg/L	T01-19	WL	04/21/2015	0001	QA	O	0.700			#	0.0067	-
	mg/L	T01-20	WL	10/28/2014	0001	QA	O	0.300			#	0.0067	-
	mg/L	T01-23	WL	10/29/2014	0001	QA	O	1.800			#	0.0067	-
	mg/L	T01-25	WL	10/30/2014	0001	QA	O	13.000			#	0.0067	-
	mg/L	T01-35	WL	10/28/2014	0001	QA	O	0.0067	B	U	#	0.0067	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	T01-35	WL	04/20/2015	0001	QA	O	0.077	J #	0.0067	-
Magnesium	mg/L	0200	WL	10/31/2014	0001	QA	D	63.000	#	0.03	-
	mg/L	0200	WL	04/22/2015	0001	QA	D	63.000	#	0.03	-
	mg/L	0202	WL	10/30/2014	0001	QA	D	64.000	#	0.03	-
	mg/L	0202	WL	04/22/2015	0001	QA	D	56.000	#	0.03	-
	mg/L	82-08	WL	10/29/2014	0001	QA	D	79.000	#	0.03	-
	mg/L	82-08	WL	10/29/2014	0002	QA	D	77.000	#	0.03	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	67.000	#	0.03	-
	mg/L	88-85	WL	07/02/2014	N001	QA	D	63.000	F #	0.013	-
	mg/L	88-85	WL	09/25/2014	N001	QA	D	59.000	F #	0.013	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	59.000	#	0.03	-
	mg/L	88-85	WL	04/21/2015	0001	QA	D	55.000	#	0.03	-
	mg/L	88-85	WL	04/21/2015	0002	QA	D	56.000	#	0.03	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	54.000	F #	0.013	-
	mg/L	92-07	WL	09/25/2014	N001	QA	D	55.000	F #	0.013	-
	mg/L	92-07	WL	09/25/2014	N002	QA	D	56.000	F #	0.013	-
	mg/L	92-07	WL	10/29/2014	0001	QA	D	56.000	#	0.03	-
	mg/L	92-07	WL	04/21/2015	0001	QA	D	48.000	#	0.03	-
	mg/L	92-08	WL	10/30/2014	0001	QA	D	63.000	#	0.03	-
	mg/L	92-08	WL	10/30/2014	0002	QA	D	61.000	#	0.03	-
	mg/L	92-08	WL	04/22/2015	0001	QA	D	51.000	#	0.03	-
	mg/L	92-09	WL	10/29/2014	0001	QA	D	75.000	#	0.03	-
	mg/L	92-09	WL	04/22/2015	0001	QA	D	71.000	#	0.03	-
	mg/L	92-11	WL	10/29/2014	0001	QA	D	59.000	#	0.03	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	53.000	#	0.03	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	95-01	WL	10/30/2014	0001	QA	D	11.000	#	0.03	-
	mg/L	95-03	WL	10/30/2014	0001	QA-KB	D	57.000	#	0.03	-
	mg/L	MW00-01	WL	10/28/2014	0001	QA	U	33.000	#	0.03	-
	mg/L	MW00-01	WL	04/21/2015	0001	QA	U	33.000	#	0.03	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	59.000	#	0.03	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	53.000	#	0.03	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	77.000	#	0.03	-
	mg/L	P92-06	WL	04/22/2015	0001	QA	D	73.000	#	0.03	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	55.000	#	0.03	-
	mg/L	PW-10	WL	04/21/2015	0001	QA	D	48.000	#	0.03	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	57.000	F #	0.013	-
	mg/L	PW-17	WL	09/25/2014	N001	QA	D	58.000	F #	0.013	-
	mg/L	PW-17	WL	10/29/2014	0001	QA	D	57.000	#	0.03	-
	mg/L	PW-17	WL	04/21/2015	0001	QA	D	48.000	#	0.03	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	73.000	#	0.03	-
	mg/L	PW-28	WL	04/22/2015	0001	QA	D	75.000	#	0.03	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	51.000	#	0.03	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	49.000	#	0.03	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	53.000	#	0.03	-
	mg/L	R1-M3	WL	04/21/2015	0001	QA	D	52.000	#	0.03	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	52.000	#	0.03	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	50.000	#	0.03	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	53.000	#	0.03	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	54.000	#	0.03	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	55.000	#	0.03	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	54.000	#	0.03	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
 REPORT DATE: 9/30/2015 12:33 pm

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	R4-M3	WL	10/28/2014	0001	RM	D	27.000	#	0.03	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	34.000	#	0.03	-
	mg/L	R4-M6	WL	10/28/2014	0001	RM	D	36.000	#	0.03	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	43.000	#	0.03	-
	mg/L	R6-M3	WL	10/28/2014	0001	QA	D	51.000	#	0.03	-
	mg/L	R6-M3	WL	04/22/2015	0001	QA	D	46.000	#	0.03	-
	mg/L	R6-M4	WL	10/28/2014	0001	QA	D	25.000	#	0.03	-
	mg/L	R6-M4	WL	04/21/2015	0001	QA	D	21.000	#	0.03	-
	mg/L	T00-01	WL	10/29/2014	0001	QA	O	52.000	#	0.03	-
	mg/L	T01-01	WL	10/29/2014	0001	QA	O	61.000	#	0.03	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	50.000	#	0.03	-
	mg/L	T01-02	WL	10/29/2014	0001	QA	O	52.000	#	0.03	-
	mg/L	T01-02	WL	04/21/2015	0001	QA	O	55.000	#	0.03	-
	mg/L	T01-04	WL	10/29/2014	0001	QA	O	50.000	#	0.03	-
	mg/L	T01-04	WL	04/21/2015	0001	QA	O	55.000	#	0.03	-
	mg/L	T01-04	WL	04/21/2015	0002	QA	O	55.000	#	0.03	-
	mg/L	T01-05	WL	10/29/2014	0001	QA	O	51.000	#	0.03	-
	mg/L	T01-05	WL	04/21/2015	0001	QA	O	56.000	#	0.03	-
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	85.000	#	0.03	-
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	94.000	#	0.03	-
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	55.000	#	0.03	-
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	65.000	#	0.03	-
	mg/L	T01-18	WL	10/28/2014	0001	QA	O	110.000	#	0.15	-
	mg/L	T01-19	WL	04/21/2015	0001	QA	O	47.000	#	0.03	-
	mg/L	T01-20	WL	10/28/2014	0001	QA	O	34.000	#	0.03	-
	mg/L	T01-23	WL	10/29/2014	0001	QA	O	31.000	#	0.03	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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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	10/30/2014	0001	QA	O	84.000		#	0.03	-
	mg/L	T01-35	WL	10/28/2014	0001	QA	O	50.000		#	0.03	-
	mg/L	T01-35	WL	04/20/2015	0001	QA	O	56.000		#	0.03	-
Manganese	mg/L	0200	WL	10/31/2014	0001	QA	D	0.011		#	0.00024	-
	mg/L	0200	WL	04/22/2015	0001	QA	D	0.0052		#	0.00024	-
	mg/L	0202	WL	10/30/2014	0001	QA	D	0.012		#	0.00024	-
	mg/L	0202	WL	04/22/2015	0001	QA	D	0.018		#	0.00024	-
	mg/L	82-08	WL	10/29/2014	0001	QA	D	0.0048	B	#	0.00024	-
	mg/L	82-08	WL	10/29/2014	0002	QA	D	0.004	B	#	0.00024	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	0.0018	J	#	0.00024	-
	mg/L	88-85	WL	07/02/2014	N001	QA	D	0.00054	B FJ	#	0.00011	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	0.0015	B	#	0.00024	-
	mg/L	88-85	WL	04/21/2015	0001	QA	D	0.00024	U	#	0.00024	-
	mg/L	88-85	WL	04/21/2015	0002	QA	D	0.00024	U	#	0.00024	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	0.0013	B F	#	0.00011	-
	mg/L	92-07	WL	10/29/2014	0001	QA	D	0.00024	B U	#	0.00024	-
	mg/L	92-07	WL	04/21/2015	0001	QA	D	0.00024	U	#	0.00024	-
	mg/L	92-08	WL	10/30/2014	0001	QA	D	0.024		#	0.00024	-
	mg/L	92-08	WL	10/30/2014	0002	QA	D	0.024		#	0.00024	-
	mg/L	92-08	WL	04/22/2015	0001	QA	D	0.0043	J	#	0.00024	-
	mg/L	92-09	WL	10/29/2014	0001	QA	D	0.200		#	0.00024	-
	mg/L	92-09	WL	04/22/2015	0001	QA	D	0.140		#	0.00024	-
	mg/L	92-11	WL	10/29/2014	0001	QA	D	0.00024	B U	#	0.00024	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	0.0004	J	#	0.00024	-
	mg/L	95-01	WL	10/30/2014	0001	QA	D	0.190		#	0.00024	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	95-03	WL	10/30/2014	0001	QA-KB	D	0.400			#	0.00024	-
	mg/L	MW00-01	WL	10/28/2014	0001	QA	U	0.0017	B		#	0.00024	-
	mg/L	MW00-01	WL	04/21/2015	0001	QA	U	0.00024	U		#	0.00024	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	0.00024	B	U	#	0.00024	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	0.00024	U		#	0.00024	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	0.00024	B	U	#	0.00024	-
	mg/L	P92-06	WL	04/22/2015	0001	QA	D	0.00024	U		#	0.00024	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	0.0011	B		#	0.00024	-
	mg/L	PW-10	WL	04/21/2015	0001	QA	D	0.00048	J		#	0.00024	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	0.0089		F	#	0.00011	-
	mg/L	PW-17	WL	10/29/2014	0001	QA	D	0.0047	B		#	0.00024	-
	mg/L	PW-17	WL	04/21/2015	0001	QA	D	0.0059			#	0.00024	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	0.00069	B		#	0.00024	-
	mg/L	PW-28	WL	04/22/2015	0001	QA	D	0.00083	J		#	0.00024	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	0.0036	B		#	0.00024	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	0.00024	U		#	0.00024	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	0.019			#	0.00024	-
	mg/L	R1-M3	WL	04/21/2015	0001	QA	D	0.0031	J		#	0.00024	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	0.290			#	0.00024	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	0.0034	J		#	0.00024	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	0.180			#	0.00024	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	0.170			#	0.00024	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	0.230			#	0.00024	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	0.230			#	0.00024	-
	mg/L	R4-M3	WL	10/28/2014	0001	RM	D	0.0075			#	0.00024	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	0.0051			#	0.00024	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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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	R4-M6	WL	10/28/2014	0001	RM	D	0.020		#	0.00024	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	0.018		#	0.00024	-
	mg/L	R6-M3	WL	10/28/2014	0001	QA	D	0.600		#	0.00024	-
	mg/L	R6-M3	WL	04/22/2015	0001	QA	D	0.550		#	0.00024	-
	mg/L	R6-M4	WL	10/28/2014	0001	QA	D	0.130		#	0.00024	-
	mg/L	R6-M4	WL	04/21/2015	0001	QA	D	0.084		#	0.00024	-
	mg/L	T00-01	WL	10/29/2014	0001	QA	O	0.038		#	0.00024	-
	mg/L	T01-01	WL	10/29/2014	0001	QA	O	1.200		#	0.00024	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	0.220		#	0.00024	-
	mg/L	T01-02	WL	10/29/2014	0001	QA	O	0.013		#	0.00024	-
	mg/L	T01-02	WL	04/21/2015	0001	QA	O	0.0049	J	#	0.00024	-
	mg/L	T01-04	WL	10/29/2014	0001	QA	O	0.0087		#	0.00024	-
	mg/L	T01-04	WL	04/21/2015	0001	QA	O	0.00024	U	#	0.00024	-
	mg/L	T01-04	WL	04/21/2015	0002	QA	O	0.00024	U	#	0.00024	-
	mg/L	T01-05	WL	10/29/2014	0001	QA	O	0.00075	B	#	0.00024	-
	mg/L	T01-05	WL	04/21/2015	0001	QA	O	0.00024	U	#	0.00024	-
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	0.00064	B	#	0.00024	-
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	0.00024	U	#	0.00024	-
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	0.0018	B	#	0.00024	-
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	0.00032	J	#	0.00024	-
	mg/L	T01-18	WL	10/28/2014	0001	QA	O	1.600		#	0.0012	-
	mg/L	T01-19	WL	04/21/2015	0001	QA	O	4.400		#	0.00024	-
	mg/L	T01-20	WL	10/28/2014	0001	QA	O	3.900		#	0.00024	-
	mg/L	T01-23	WL	10/29/2014	0001	QA	O	0.340		#	0.00024	-
	mg/L	T01-25	WL	10/30/2014	0001	QA	O	2.800		#	0.00024	-
	mg/L	T01-35	WL	10/28/2014	0001	QA	O	0.00064	B	#	0.00024	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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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	04/20/2015	0001	QA	O	0.0004	J	#	0.00024	-	
Molybdenum	mg/L	0200	WL	10/31/2014	0001	QA	D	0.019		#	0.00032	-	
	mg/L	0200	WL	04/22/2015	0001	QA	D	0.021		#	0.00032	-	
	mg/L	0202	WL	10/30/2014	0001	QA	D	0.037		#	0.00016	-	
	mg/L	0202	WL	04/22/2015	0001	QA	D	0.032		#	0.00032	-	
	mg/L	82-08	WL	10/29/2014	0001	QA	D	0.014		#	0.00016	-	
	mg/L	82-08	WL	10/29/2014	0002	QA	D	0.015		#	3.2E-05	-	
	mg/L	82-08	WL	04/22/2015	0001	QA	D	0.011		#	0.00032	-	
	mg/L	88-85	WL	07/02/2014	N001	QA	D	0.031	F	#	0.00016	-	
	mg/L	88-85	WL	10/29/2014	0001	QA	D	0.030		#	0.00032	-	
	mg/L	88-85	WL	04/21/2015	0001	QA	D	0.024		#	0.00032	-	
	mg/L	88-85	WL	04/21/2015	0002	QA	D	0.025		#	0.00032	-	
	mg/L	92-07	WL	07/02/2014	N001	QA	D	0.067	F	#	0.00016	-	
	mg/L	92-07	WL	10/29/2014	0001	QA	D	0.083		#	0.00064	-	
	mg/L	92-07	WL	04/21/2015	0001	QA	D	0.052		#	0.00032	-	
	mg/L	92-08	WL	10/30/2014	0001	QA	D	0.030		#	0.00032	-	
	mg/L	92-08	WL	10/30/2014	0002	QA	D	0.028		#	0.00032	-	
	mg/L	92-08	WL	04/22/2015	0001	QA	D	0.026		#	0.00032	-	
	mg/L	92-09	WL	10/29/2014	0001	QA	D	0.003		#	0.00032	-	
	mg/L	92-09	WL	04/22/2015	0001	QA	D	0.0044		#	0.00032	-	
	mg/L	92-11	WL	10/29/2014	0001	QA	D	0.017	E	J	#	0.00032	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	0.019		#	0.00032	-	
	mg/L	95-01	WL	10/30/2014	0001	QA	D	0.00072		#	3.2E-05	-	
	mg/L	95-03	WL	10/30/2014	0001	QA-KB	D	0.004		#	3.2E-05	-	
	mg/L	MW00-01	WL	10/28/2014	0001	QA	U	0.002		#	3.2E-05	-	

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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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	MW00-01	WL	04/21/2015	0001	QA	U	0.0023		#	0.00032	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	0.085		#	0.00032	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	0.041		#	0.00032	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	0.035		#	0.00032	-
	mg/L	P92-06	WL	04/22/2015	0001	QA	D	0.037		#	0.00032	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	0.083		#	0.00064	-
	mg/L	PW-10	WL	04/21/2015	0001	QA	D	0.079		#	0.00032	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	0.096	F	#	0.00016	-
	mg/L	PW-17	WL	10/29/2014	0001	QA	D	0.100		#	0.00064	-
	mg/L	PW-17	WL	04/21/2015	0001	QA	D	0.079		#	0.00032	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	0.016		#	0.00016	-
	mg/L	PW-28	WL	04/22/2015	0001	QA	D	0.014		#	0.00032	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	0.0023		#	0.00016	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	0.0034		#	0.00032	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	0.064	E J	#	0.00032	-
	mg/L	R1-M3	WL	04/21/2015	0001	QA	D	0.037		#	0.00032	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	0.084		#	0.00032	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	0.045		#	0.00032	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	0.061		#	0.00032	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	0.067		#	0.00032	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	0.063		#	0.00032	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	0.063		#	0.00032	-
	mg/L	R4-M3	WL	10/28/2014	0001	RM	D	0.049		#	3.2E-05	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	0.045		#	0.00032	-
	mg/L	R4-M6	WL	10/28/2014	0001	RM	D	0.012		#	3.2E-05	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	0.013		#	0.00032	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
 REPORT DATE: 9/30/2015 12:33 pm

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	10/28/2014	0001	QA	D	0.026	#	0.00016	-
	mg/L	R6-M3	WL	04/22/2015	0001	QA	D	0.034	#	0.00032	-
	mg/L	R6-M4	WL	10/28/2014	0001	QA	D	0.0066	#	3.2E-05	-
	mg/L	R6-M4	WL	04/21/2015	0001	QA	D	0.0055	#	0.00032	-
	mg/L	T00-01	WL	10/29/2014	0001	QA	O	0.019	#	0.00032	-
	mg/L	T01-01	WL	10/29/2014	0001	QA	O	0.040	#	0.00016	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	0.0076	#	0.00032	-
	mg/L	T01-02	WL	10/29/2014	0001	QA	O	0.024	#	0.00032	-
	mg/L	T01-02	WL	04/21/2015	0001	QA	O	0.012	#	0.00032	-
	mg/L	T01-04	WL	10/29/2014	0001	QA	O	0.013	#	0.00032	-
	mg/L	T01-04	WL	04/21/2015	0001	QA	O	0.014	#	0.00032	-
	mg/L	T01-04	WL	04/21/2015	0002	QA	O	0.014	#	0.00032	-
	mg/L	T01-05	WL	10/29/2014	0001	QA	O	0.011	#	0.00032	-
	mg/L	T01-05	WL	04/21/2015	0001	QA	O	0.012	#	0.00032	-
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	0.0058	#	0.00032	-
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	0.0063	#	0.00032	-
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	0.0034	#	0.00032	-
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	0.0036	#	0.00032	-
	mg/L	T01-18	WL	10/28/2014	0001	QA	O	0.0028	#	0.00032	-
	mg/L	T01-19	WL	04/21/2015	0001	QA	O	0.0054	#	0.00032	-
	mg/L	T01-20	WL	10/28/2014	0001	QA	O	0.025	#	0.00032	-
	mg/L	T01-23	WL	10/29/2014	0001	QA	O	0.00057	#	3.2E-05	-
	mg/L	T01-25	WL	10/30/2014	0001	QA	O	0.0035	#	3.2E-05	-
	mg/L	T01-35	WL	10/28/2014	0001	QA	O	0.0047	#	0.00032	-
	mg/L	T01-35	WL	04/20/2015	0001	QA	O	0.0057	#	0.00032	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		ZONE COMPL.	FLOW REL.	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID				LAB	DATA	QA		
Nitrate + Nitrite as Nitrogen	mg/L	0200	WL	10/31/2014	0001	QA	D	0.46			#	0.01	-
	mg/L	0200	WL	04/22/2015	0001	QA	D	0.15			#	0.01	-
	mg/L	0202	WL	10/30/2014	0001	QA	D	2.6			#	0.05	-
	mg/L	0202	WL	04/22/2015	0001	QA	D	1.1			#	0.01	-
	mg/L	82-08	WL	10/29/2014	0001	QA	D	3.2			#	0.05	-
	mg/L	82-08	WL	10/29/2014	0002	QA	D	3.2			#	0.05	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	1.4			#	0.01	-
	mg/L	88-85	WL	07/02/2014	N001	QA	D	1.3		F	#	0.01	-
	mg/L	88-85	WL	09/25/2014	N001	QA	D	1.2		F	#	0.01	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	1.4			#	0.01	-
	mg/L	88-85	WL	04/21/2015	0001	QA	D	2			#	0.02	-
	mg/L	88-85	WL	04/21/2015	0002	QA	D	2			#	0.02	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	0.064		F	#	0.01	-
	mg/L	92-07	WL	09/25/2014	N001	QA	D	0.47		F	#	0.01	-
	mg/L	92-07	WL	09/25/2014	N002	QA	D	0.46		F	#	0.01	-
	mg/L	92-07	WL	10/29/2014	0001	QA	D	0.12			#	0.01	-
	mg/L	92-07	WL	04/21/2015	0001	QA	D	0.82			#	0.01	-
	mg/L	92-08	WL	10/30/2014	0001	QA	D	2.2			#	0.05	-
	mg/L	92-08	WL	10/30/2014	0002	QA	D	2.1			#	0.02	-
	mg/L	92-08	WL	04/22/2015	0001	QA	D	0.48			#	0.01	-
	mg/L	92-09	WL	10/29/2014	0001	QA	D	0.01		U	#	0.01	-
	mg/L	92-09	WL	04/22/2015	0001	QA	D	0.01		U	#	0.01	-
	mg/L	92-11	WL	10/29/2014	0001	QA	D	1.4			#	0.01	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	1.2			#	0.01	-
	mg/L	95-01	WL	10/30/2014	0001	QA	D	0.01		U	#	0.01	-
	mg/L	95-03	WL	10/30/2014	0001	QA-KB	D	0.01		U	#	0.01	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		ZONE COMPL.	FLOW REL.	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID				LAB	DATA	QA		
Nitrate + Nitrite as Nitrogen	mg/L	MW00-01	WL	10/28/2014	0001	QA	U	0.068			#	0.01	-
	mg/L	MW00-01	WL	04/21/2015	0001	QA	U	0.13			#	0.01	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	0.51			#	0.01	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	1.5			#	0.01	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	0.67			#	0.01	-
	mg/L	P92-06	WL	04/22/2015	0001	QA	D	0.64			#	0.01	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	0.23			#	0.01	-
	mg/L	PW-10	WL	04/21/2015	0001	QA	D	0.89			#	0.01	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	0.1		F	#	0.01	-
	mg/L	PW-17	WL	09/25/2014	N001	QA	D	0.39		F	#	0.01	-
	mg/L	PW-17	WL	10/29/2014	0001	QA	D	0.14			#	0.01	-
	mg/L	PW-17	WL	04/21/2015	0001	QA	D	0.88			#	0.01	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	2.3			#	0.05	-
	mg/L	PW-28	WL	04/22/2015	0001	QA	D	6.2			#	0.05	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	0.095			#	0.01	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	0.29			#	0.01	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	0.47			#	0.01	-
	mg/L	R1-M3	WL	04/21/2015	0001	QA	D	1.2			#	0.01	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	0.01	U		#	0.01	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	1.3			#	0.01	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	0.01	U		#	0.01	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	0.01	U		#	0.01	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	0.01	U		#	0.01	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	0.01	U		#	0.01	-
	mg/L	R4-M3	WL	10/28/2014	0001	RM	D	0.01	U		#	0.01	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	0.024			#	0.01	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	R4-M6	WL	10/28/2014	0001	RM	D	0.019	#	0.01	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	0.084	#	0.01	-
	mg/L	R6-M4	WL	04/21/2015	0001	QA	D	0.18	#	0.01	-
	mg/L	T00-01	WL	10/29/2014	0001	QA	O	0.15	#	0.01	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	0.01	#	0.01	-
	mg/L	T01-02	WL	10/29/2014	0001	QA	O	0.4	#	0.01	-
	mg/L	T01-02	WL	04/21/2015	0001	QA	O	0.096	#	0.01	-
	mg/L	T01-04	WL	10/29/2014	0001	QA	O	0.71	#	0.01	-
	mg/L	T01-04	WL	04/21/2015	0001	QA	O	1.3	#	0.01	-
	mg/L	T01-04	WL	04/21/2015	0002	QA	O	1.3	#	0.01	-
	mg/L	T01-05	WL	10/29/2014	0001	QA	O	0.76	#	0.01	-
	mg/L	T01-05	WL	04/21/2015	0001	QA	O	1.5	#	0.01	-
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	3.8	#	0.05	-
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	8	#	0.1	-
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	1.2	#	0.01	-
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	3.8	#	0.05	-
	mg/L	T01-18	WL	10/28/2014	0001	QA	O	0.081	#	0.01	-
	mg/L	T01-20	WL	10/28/2014	0001	QA	O	0.021	#	0.01	-
	mg/L	T01-23	WL	10/29/2014	0001	QA	O	0.01	U #	0.01	-
	mg/L	T01-25	WL	10/30/2014	0001	QA	O	0.043	#	0.01	-
	mg/L	T01-35	WL	10/28/2014	0001	QA	O	0.69	#	0.01	-
	mg/L	T01-35	WL	04/20/2015	0001	QA	O	1.7	#	0.01	-
Oxidation Reduction Potential	mV	82-08	WL	10/29/2014	N001	QA	D	95.0	#	-	-
	mV	88-85	WL	07/02/2014	N001	QA	D	173.7	F #	-	-
	mV	88-85	WL	09/25/2014	N001	QA	D	141.4	F #	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		ZONE COMPL.	FLOW REL.	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID				LAB	DATA	QA		
Oxidation Reduction Potential	mV	88-85	WL	10/29/2014	N001	QA	D	116.2			#	-	-
	mV	88-85	WL	04/21/2015	N001	QA	D	143.1			#	-	-
	mV	92-07	WL	07/02/2014	N001	QA	D	191.5	F		#	-	-
	mV	92-07	WL	09/25/2014	N001	QA	D	10.5	F		#	-	-
	mV	92-07	WL	10/29/2014	N001	QA	D	117.9			#	-	-
	mV	92-07	WL	04/21/2015	N001	QA	D	80.6			#	-	-
	mV	92-08	WL	10/30/2014	N001	QA	D	50.8			#	-	-
	mV	92-11	WL	10/29/2014	N001	QA	D	107.3			#	-	-
	mV	92-11	WL	04/22/2015	N001	QA	D	237.0			#	-	-
	mV	MW00-06	WL	10/30/2014	N001	QA	D	162.8			#	-	-
	mV	P92-06	WL	10/30/2014	N001	QA	D	16.4			#	-	-
	mV	PW-10	WL	10/29/2014	N001	QA	D	58.4			#	-	-
	mV	PW-17	WL	07/02/2014	N001	QA	D	93.2	F		#	-	-
	mV	PW-17	WL	09/25/2014	N001	QA	D	99.4	F		#	-	-
	mV	PW-17	WL	10/29/2014	N001	QA	D	169.6			#	-	-
	mV	R10-M1	WL	10/28/2014	N001	QA	D	49.4			#	-	-
	mV	R10-M1	WL	04/22/2015	N001	QA	D	237.0			#	-	-
	mV	R1-M3	WL	10/28/2014	N001	QA	D	-19.7			#	-	-
	mV	R1-M3	WL	04/21/2015	N001	QA	D	58			#	-	-
	mV	R1-M4	WL	10/28/2014	N001	QA	D	-42			#	-	-
	mV	R1-M4	WL	04/21/2015	N001	QA	D	24			#	-	-
	mV	R3-M2	WL	10/28/2014	N001	RM	D	-16			#	-	-
	mV	R3-M2	WL	04/21/2015	N001	RM	D	-47			#	-	-
	mV	R3-M3	WL	10/28/2014	N001	RM	D	-189			#	-	-
	mV	R3-M3	WL	04/21/2015	N001	RM	D	-115			#	-	-
	mV	R4-M3	WL	04/21/2015	N001	RM	D	78.2			#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL.	FLOW REL.	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Oxidation Reduction Potential	mV	R4-M6	WL	10/28/2014	N001	RM	D	59.3	#	-	-
	mV	R4-M6	WL	04/21/2015	N001	RM	D	98.7	#	-	-
	mV	R6-M3	WL	04/22/2015	N001	QA	D	118.1	#	-	-
	mV	R6-M4	WL	04/21/2015	N001	QA	D	114.0	#	-	-
	mV	T01-01	WL	04/21/2015	N001	QA	O	-19.0	#	-	-
	mV	T01-12	WL	04/20/2015	N001	QA	O	81.7	#	-	-
	mV	T01-18	WL	10/28/2014	N001	QA	O	158.2	#	-	-
pH	s.u.	0200	WL	10/31/2014	N001	QA	D	6.53	#	-	-
	s.u.	0200	WL	04/22/2015	N001	QA	D	6.85	#	-	-
	s.u.	0202	WL	04/22/2015	N001	QA	D	6.71	#	-	-
	s.u.	82-08	WL	10/29/2014	N001	QA	D	6.37	#	-	-
	s.u.	82-08	WL	04/22/2015	N001	QA	D	6.28	#	-	-
	s.u.	88-85	WL	07/02/2014	N001	QA	D	6.68	F #	-	-
	s.u.	88-85	WL	09/25/2014	N001	QA	D	6.73	F #	-	-
	s.u.	88-85	WL	10/29/2014	N001	QA	D	6.87	#	-	-
	s.u.	88-85	WL	04/21/2015	N001	QA	D	6.83	#	-	-
	s.u.	92-07	WL	07/02/2014	N001	QA	D	6.74	F #	-	-
	s.u.	92-07	WL	09/25/2014	N001	QA	D	6.70	F #	-	-
	s.u.	92-07	WL	10/29/2014	N001	QA	D	6.88	#	-	-
	s.u.	92-07	WL	04/21/2015	N001	QA	D	6.83	#	-	-
	s.u.	92-08	WL	10/30/2014	N001	QA	D	6.76	#	-	-
	s.u.	92-08	WL	04/22/2015	N001	QA	D	6.84	#	-	-
	s.u.	92-09	WL	10/29/2014	N001	QA	D	6.79	#	-	-
	s.u.	92-09	WL	04/22/2015	N001	QA	D	6.90	#	-	-
	s.u.	92-11	WL	10/29/2014	N001	QA	D	6.87	#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL.	FLOW REL.	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
pH	s.u.	92-11	WL	04/22/2015	N001	QA	D	6.90	#	-	-
	s.u.	95-01	WL	10/30/2014	N001	QA	D	6.95	#	-	-
	s.u.	95-03	WL	10/30/2014	N001	QA-KB	D	6.92	#	-	-
	s.u.	MW00-01	WL	10/28/2014	N001	QA	U	6.64	#	-	-
	s.u.	MW00-01	WL	04/21/2015	N001	QA	U	6.83	#	-	-
	s.u.	MW00-06	WL	10/30/2014	N001	QA	D	6.78	#	-	-
	s.u.	MW00-06	WL	04/22/2015	N001	QA	D	6.82	#	-	-
	s.u.	P92-06	WL	10/30/2014	N001	QA	D	6.86	#	-	-
	s.u.	P92-06	WL	04/22/2015	N001	QA	D	6.93	#	-	-
	s.u.	PW-10	WL	10/29/2014	N001	QA	D	6.87	#	-	-
	s.u.	PW-10	WL	04/21/2015	N001	QA	D	6.76	#	-	-
	s.u.	PW-17	WL	07/02/2014	N001	QA	D	6.81	F #	-	-
	s.u.	PW-17	WL	09/25/2014	N001	QA	D	6.93	F #	-	-
	s.u.	PW-17	WL	10/29/2014	N001	QA	D	7.02	#	-	-
	s.u.	PW-17	WL	04/21/2015	N001	QA	D	7.06	#	-	-
	s.u.	PW-28	WL	10/31/2014	N001	QA	D	6.57	#	-	-
	s.u.	PW-28	WL	04/22/2015	N001	QA	D	6.71	#	-	-
	s.u.	R10-M1	WL	10/28/2014	N001	QA	D	6.63	#	-	-
	s.u.	R10-M1	WL	04/22/2015	N001	QA	D	6.75	#	-	-
	s.u.	R1-M3	WL	10/28/2014	N001	QA	D	6.93	#	-	-
	s.u.	R1-M3	WL	04/21/2015	N001	QA	D	6.85	#	-	-
	s.u.	R1-M4	WL	10/28/2014	N001	QA	D	7.07	#	-	-
	s.u.	R1-M4	WL	04/21/2015	N001	QA	D	6.85	#	-	-
	s.u.	R3-M2	WL	10/28/2014	N001	RM	D	6.98	#	-	-
	s.u.	R3-M2	WL	04/21/2015	N001	RM	D	7.19	#	-	-
	s.u.	R3-M3	WL	10/28/2014	N001	RM	D	7.42	#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL.	FLOW REL.	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
pH	s.u.	R3-M3	WL	04/21/2015	N001	RM	D	7.19	#	-	-
	s.u.	R4-M3	WL	04/21/2015	N001	RM	D	9.41	#	-	-
	s.u.	R4-M6	WL	10/28/2014	N001	RM	D	8.96	#	-	-
	s.u.	R4-M6	WL	04/21/2015	N001	RM	D	8.82	#	-	-
	s.u.	R6-M3	WL	04/22/2015	N001	QA	D	6.93	#	-	-
	s.u.	R6-M4	WL	04/21/2015	N001	QA	D	7.22	#	-	-
	s.u.	T00-01	WL	10/29/2014	N001	QA	O	6.71	#	-	-
	s.u.	T01-01	WL	04/21/2015	N001	QA	O	7.05	#	-	-
	s.u.	T01-02	WL	10/29/2014	N001	QA	O	7.00	#	-	-
	s.u.	T01-02	WL	04/21/2015	N001	QA	O	7.13	#	-	-
	s.u.	T01-04	WL	10/29/2014	N001	QA	O	6.94	#	-	-
	s.u.	T01-04	WL	04/21/2015	N001	QA	O	7.22	#	-	-
	s.u.	T01-05	WL	10/29/2014	N001	QA	O	6.93	#	-	-
	s.u.	T01-05	WL	04/21/2015	N001	QA	O	7.15	#	-	-
	s.u.	T01-07	WL	10/28/2014	N001	QA	O	6.58	#	-	-
	s.u.	T01-07	WL	04/21/2015	N001	QA	O	6.73	#	-	-
	s.u.	T01-12	WL	10/29/2014	N001	QA	O	6.87	#	-	-
	s.u.	T01-12	WL	04/20/2015	N001	QA	O	7.01	#	-	-
	s.u.	T01-18	WL	10/28/2014	N001	QA	O	6.76	#	-	-
	s.u.	T01-19	WL	04/21/2015	N001	QA	O	8.10	#	-	-
	s.u.	T01-20	WL	10/28/2014	N001	QA	O	6.70	#	-	-
	s.u.	T01-23	WL	10/29/2014	N001	QA	O	6.76	#	-	-
	s.u.	T01-25	WL	10/30/2014	N001	QA	O	6.52	#	-	-
	s.u.	T01-35	WL	10/28/2014	N001	QA	O	6.84	#	-	-
	s.u.	T01-35	WL	04/20/2015	N001	QA	O	7.09	#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	10/31/2014	0001	QA	D	7.500			#	0.052	-
	mg/L	0200	WL	04/22/2015	0001	QA	D	7.800	E	J	#	0.052	-
	mg/L	0202	WL	10/30/2014	0001	QA	D	6.400			#	0.052	-
	mg/L	0202	WL	04/22/2015	0001	QA	D	5.900			#	0.052	-
	mg/L	82-08	WL	10/29/2014	0001	QA	D	4.800			#	0.052	-
	mg/L	82-08	WL	10/29/2014	0002	QA	D	4.700			#	0.052	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	4.300			#	0.052	-
	mg/L	88-85	WL	07/02/2014	N001	QA	D	9.200		F	#	0.11	-
	mg/L	88-85	WL	09/25/2014	N001	QA	D	9.200		F	#	0.11	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	7.000			#	0.052	-
	mg/L	88-85	WL	04/21/2015	0001	QA	D	6.500			#	0.052	-
	mg/L	88-85	WL	04/21/2015	0002	QA	D	6.700			#	0.052	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	14.000		F	#	0.11	-
	mg/L	92-07	WL	09/25/2014	N001	QA	D	16.000		F	#	0.11	-
	mg/L	92-07	WL	09/25/2014	N002	QA	D	16.000		F	#	0.11	-
	mg/L	92-07	WL	10/29/2014	0001	QA	D	13.000			#	0.052	-
	mg/L	92-07	WL	04/21/2015	0001	QA	D	11.000			#	0.052	-
	mg/L	92-08	WL	10/30/2014	0001	QA	D	7.900			#	0.052	-
	mg/L	92-08	WL	10/30/2014	0002	QA	D	7.700			#	0.052	-
	mg/L	92-08	WL	04/22/2015	0001	QA	D	7.000			#	0.052	-
	mg/L	92-09	WL	10/29/2014	0001	QA	D	2.400			#	0.052	-
	mg/L	92-09	WL	04/22/2015	0001	QA	D	2.100			#	0.052	-
	mg/L	92-11	WL	10/29/2014	0001	QA	D	5.700			#	0.052	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	5.700			#	0.052	-
	mg/L	95-01	WL	10/30/2014	0001	QA	D	3.100			#	0.052	-
	mg/L	95-03	WL	10/30/2014	0001	QA-KB	D	3.400			#	0.052	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	MW00-01	WL	10/28/2014	0001	QA	U	2.700	#	0.052	-
	mg/L	MW00-01	WL	04/21/2015	0001	QA	U	2.800	#	0.052	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	11.000	#	0.052	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	8.600	#	0.052	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	6.400	#	0.052	-
	mg/L	P92-06	WL	04/22/2015	0001	QA	D	6.300	#	0.052	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	13.000	#	0.052	-
	mg/L	PW-10	WL	04/21/2015	0001	QA	D	12.000	#	0.052	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	16.000	F #	0.11	-
	mg/L	PW-17	WL	09/25/2014	N001	QA	D	16.000	F #	0.11	-
	mg/L	PW-17	WL	10/29/2014	0001	QA	D	13.000	#	0.052	-
	mg/L	PW-17	WL	04/21/2015	0001	QA	D	12.000	#	0.052	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	5.100	#	0.052	-
	mg/L	PW-28	WL	04/22/2015	0001	QA	D	5.000	#	0.052	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	11.000	#	0.052	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	11.000	#	0.052	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	11.000	#	0.052	-
	mg/L	R1-M3	WL	04/21/2015	0001	QA	D	8.900	#	0.052	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	11.000	#	0.052	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	10.000	#	0.052	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	11.000	#	0.052	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	12.000	#	0.052	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	11.000	#	0.052	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	12.000	#	0.052	-
	mg/L	R4-M3	WL	10/28/2014	0001	RM	D	10.000	#	0.052	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	13.000	#	0.052	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	R4-M6	WL	10/28/2014	0001	RM	D	10.000	#	0.052	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	11.000	#	0.052	-
	mg/L	R6-M3	WL	10/28/2014	0001	QA	D	11.000	#	0.052	-
	mg/L	R6-M3	WL	04/22/2015	0001	QA	D	11.000	#	0.052	-
	mg/L	R6-M4	WL	10/28/2014	0001	QA	D	8.900	#	0.052	-
	mg/L	R6-M4	WL	04/21/2015	0001	QA	D	8.600	#	0.052	-
	mg/L	T00-01	WL	10/29/2014	0001	QA	O	8.200	#	0.052	-
	mg/L	T01-01	WL	10/29/2014	0001	QA	O	14.000	#	0.052	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	7.500	#	0.052	-
	mg/L	T01-02	WL	10/29/2014	0001	QA	O	7.300	#	0.052	-
	mg/L	T01-02	WL	04/21/2015	0001	QA	O	7.300	#	0.052	-
	mg/L	T01-04	WL	10/29/2014	0001	QA	O	5.300	#	0.052	-
	mg/L	T01-04	WL	04/21/2015	0001	QA	O	5.200	#	0.052	-
	mg/L	T01-04	WL	04/21/2015	0002	QA	O	5.000	#	0.052	-
	mg/L	T01-05	WL	10/29/2014	0001	QA	O	5.000	#	0.052	-
	mg/L	T01-05	WL	04/21/2015	0001	QA	O	5.200	#	0.052	-
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	4.300	#	0.052	-
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	5.000	#	0.052	-
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	3.600	#	0.052	-
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	4.200	#	0.052	-
	mg/L	T01-18	WL	10/28/2014	0001	QA	O	5.300	#	0.26	-
	mg/L	T01-19	WL	04/21/2015	0001	QA	O	3.600	#	0.052	-
	mg/L	T01-20	WL	10/28/2014	0001	QA	O	12.000	#	0.052	-
	mg/L	T01-23	WL	10/29/2014	0001	QA	O	2.700	#	0.052	-
	mg/L	T01-25	WL	10/30/2014	0001	QA	O	11.000	#	0.052	-
	mg/L	T01-35	WL	10/28/2014	0001	QA	O	3.400	#	0.052	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	T01-35	WL	04/20/2015	0001	QA	O	3.900	#	0.052	-
Selenium	mg/L	0200	WL	10/31/2014	0001	QA	D	0.043	#	3.2E-05	-
	mg/L	0200	WL	04/22/2015	0001	QA	D	0.020	#	0.00032	-
	mg/L	0202	WL	10/30/2014	0001	QA	D	0.020	#	0.00016	-
	mg/L	0202	WL	04/22/2015	0001	QA	D	0.018	#	0.00032	-
	mg/L	82-08	WL	10/29/2014	0001	QA	D	0.023	#	0.00016	-
	mg/L	82-08	WL	10/29/2014	0002	QA	D	0.025	#	3.2E-05	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	0.014	#	0.00032	-
	mg/L	88-85	WL	07/02/2014	N001	QA	D	0.028	F #	0.00016	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	0.026	#	0.00032	-
	mg/L	88-85	WL	04/21/2015	0001	QA	D	0.023	#	0.00032	-
	mg/L	88-85	WL	04/21/2015	0002	QA	D	0.027	#	0.00032	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	0.012	F #	0.00016	-
	mg/L	92-07	WL	10/29/2014	0001	QA	D	0.047	#	0.00065	-
	mg/L	92-07	WL	04/21/2015	0001	QA	D	0.032	#	0.00032	-
	mg/L	92-08	WL	10/30/2014	0001	QA	D	0.042	#	3.2E-05	-
	mg/L	92-08	WL	10/30/2014	0002	QA	D	0.038	#	0.00032	-
	mg/L	92-08	WL	04/22/2015	0001	QA	D	0.053	#	0.00032	-
	mg/L	92-09	WL	10/29/2014	0001	QA	D	0.00008	B #	3.2E-05	-
	mg/L	92-09	WL	04/22/2015	0001	QA	D	0.00032	U #	0.00032	-
	mg/L	92-11	WL	10/29/2014	0001	QA	D	0.022	#	0.00032	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	0.024	#	0.00032	-
	mg/L	95-01	WL	10/30/2014	0001	QA	D	0.00003	U #	3.2E-05	-
	mg/L	95-03	WL	10/30/2014	0001	QA-KB	D	0.00003	U #	3.2E-05	-
	mg/L	MW00-01	WL	10/28/2014	0001	QA	U	0.0012	#	3.2E-05	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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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	MW00-01	WL	04/21/2015	0001	QA	U	0.0032	J	#		0.00032	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	0.043		#		0.00032	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	0.029		#		0.00032	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	0.013		#		3.2E-05	-
	mg/L	P92-06	WL	04/22/2015	0001	QA	D	0.041		#		0.00032	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	0.044		#		0.00065	-
	mg/L	PW-10	WL	04/21/2015	0001	QA	D	0.033		#		0.00032	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	0.016	F	#		0.00016	-
	mg/L	PW-17	WL	10/29/2014	0001	QA	D	0.037		#		0.00065	-
	mg/L	PW-17	WL	04/21/2015	0001	QA	D	0.035		#		0.00032	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	0.021		#		0.00016	-
	mg/L	PW-28	WL	04/22/2015	0001	QA	D	0.029		#		0.00032	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	0.0016		#		0.00016	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	0.010		#		0.00032	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	0.059	E	J	#	0.00032	-
	mg/L	R1-M3	WL	04/21/2015	0001	QA	D	0.027		#		0.00032	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	0.0011		#		0.00032	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	0.030	E	J	#	0.00032	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	0.00012		#		3.2E-05	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	0.00038	J	J	#	0.00032	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	0.00012		#		3.2E-05	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	0.00032	U	#		0.00032	-
	mg/L	R4-M3	WL	10/28/2014	0001	RM	D	0.00009	B	#		3.2E-05	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	0.00032	U	#		0.00032	-
	mg/L	R4-M6	WL	10/28/2014	0001	RM	D	0.00003	U	#		3.2E-05	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	0.00053	J	J	#	0.00032	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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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	R6-M3	WL	10/28/2014	0001	QA	D	0.0007			#	0.00016	-
	mg/L	R6-M3	WL	04/22/2015	0001	QA	D	0.002	J		#	0.00032	-
	mg/L	R6-M4	WL	10/28/2014	0001	QA	D	0.0014			#	3.2E-05	-
	mg/L	R6-M4	WL	04/21/2015	0001	QA	D	0.00078	J	J	#	0.00032	-
	mg/L	T00-01	WL	10/29/2014	0001	QA	O	0.020			#	0.00032	-
	mg/L	T01-01	WL	10/29/2014	0001	QA	O	0.011			#	0.00016	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	0.00034	J	J	#	0.00032	-
	mg/L	T01-02	WL	10/29/2014	0001	QA	O	0.026			#	0.00032	-
	mg/L	T01-02	WL	04/21/2015	0001	QA	O	0.0091			#	0.00032	-
	mg/L	T01-04	WL	10/29/2014	0001	QA	O	0.018			#	0.00032	-
	mg/L	T01-04	WL	04/21/2015	0001	QA	O	0.021			#	0.00032	-
	mg/L	T01-04	WL	04/21/2015	0002	QA	O	0.020			#	0.00032	-
	mg/L	T01-05	WL	10/29/2014	0001	QA	O	0.017			#	0.00032	-
	mg/L	T01-05	WL	04/21/2015	0001	QA	O	0.021			#	0.00032	-
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	0.021			#	0.00032	-
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	0.030			#	0.00032	-
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	0.011			#	0.00032	-
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	0.019			#	0.00032	-
	mg/L	T01-18	WL	10/28/2014	0001	QA	O	0.0013			#	3.2E-05	-
	mg/L	T01-19	WL	04/21/2015	0001	QA	O	0.00032	U		#	0.00032	-
	mg/L	T01-20	WL	10/28/2014	0001	QA	O	0.00008	B		#	3.2E-05	-
	mg/L	T01-23	WL	10/29/2014	0001	QA	O	0.00003	U		#	3.2E-05	-
	mg/L	T01-25	WL	10/30/2014	0001	QA	O	0.00007	B		#	3.2E-05	-
	mg/L	T01-35	WL	10/28/2014	0001	QA	O	0.011			#	0.00032	-
	mg/L	T01-35	WL	04/20/2015	0001	QA	O	0.014			#	0.00032	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	0200	WL	10/31/2014	0001	QA	D	130.000	#	0.047	-
	mg/L	0200	WL	04/22/2015	0001	QA	D	130.000	#	0.047	-
	mg/L	0202	WL	10/30/2014	0001	QA	D	120.000	#	0.047	-
	mg/L	0202	WL	04/22/2015	0001	QA	D	110.000	#	0.047	-
	mg/L	82-08	WL	10/29/2014	0001	QA	D	140.000	#	0.047	-
	mg/L	82-08	WL	10/29/2014	0002	QA	D	140.000	#	0.047	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	140.000	#	0.047	-
	mg/L	88-85	WL	07/02/2014	N001	QA	D	110.000	F #	0.0066	-
	mg/L	88-85	WL	09/25/2014	N001	QA	D	110.000	F #	0.0066	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	110.000	#	0.047	-
	mg/L	88-85	WL	04/21/2015	0001	QA	D	110.000	#	0.047	-
	mg/L	88-85	WL	04/21/2015	0002	QA	D	120.000	#	0.047	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	84.000	F #	0.0066	-
	mg/L	92-07	WL	09/25/2014	N001	QA	D	90.000	F #	0.0066	-
	mg/L	92-07	WL	09/25/2014	N002	QA	D	91.000	F #	0.0066	-
	mg/L	92-07	WL	10/29/2014	0001	QA	D	95.000	#	0.047	-
	mg/L	92-07	WL	04/21/2015	0001	QA	D	100.000	#	0.047	-
	mg/L	92-08	WL	10/30/2014	0001	QA	D	110.000	#	0.047	-
	mg/L	92-08	WL	10/30/2014	0002	QA	D	100.000	#	0.047	-
	mg/L	92-08	WL	04/22/2015	0001	QA	D	98.000	#	0.047	-
	mg/L	92-09	WL	10/29/2014	0001	QA	D	210.000	#	0.047	-
	mg/L	92-09	WL	04/22/2015	0001	QA	D	230.000	#	0.047	-
	mg/L	92-11	WL	10/29/2014	0001	QA	D	110.000	#	0.047	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	110.000	#	0.047	-
	mg/L	95-01	WL	10/30/2014	0001	QA	D	75.000	#	0.047	-
	mg/L	95-03	WL	10/30/2014	0001	QA-KB	D	110.000	#	0.047	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	MW00-01	WL	10/28/2014	0001	QA	U	45.000	#	0.047	-
	mg/L	MW00-01	WL	04/21/2015	0001	QA	U	48.000	#	0.047	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	110.000	#	0.047	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	110.000	#	0.047	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	120.000	#	0.047	-
	mg/L	P92-06	WL	04/22/2015	0001	QA	D	120.000	#	0.047	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	100.000	#	0.047	-
	mg/L	PW-10	WL	04/21/2015	0001	QA	D	100.000	#	0.047	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	98.000	F #	0.0066	-
	mg/L	PW-17	WL	09/25/2014	N001	QA	D	96.000	F #	0.0066	-
	mg/L	PW-17	WL	10/29/2014	0001	QA	D	110.000	#	0.047	-
	mg/L	PW-17	WL	04/21/2015	0001	QA	D	100.000	#	0.047	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	140.000	#	0.047	-
	mg/L	PW-28	WL	04/22/2015	0001	QA	D	150.000	#	0.047	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	100.000	#	0.047	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	110.000	#	0.047	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	100.000	#	0.047	-
	mg/L	R1-M3	WL	04/21/2015	0001	QA	D	110.000	#	0.047	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	99.000	#	0.047	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	110.000	#	0.047	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	100.000	#	0.047	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	120.000	#	0.047	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	100.000	#	0.047	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	120.000	#	0.047	-
	mg/L	R4-M3	WL	10/28/2014	0001	RM	D	94.000	#	0.047	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	110.000	#	0.047	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	R4-M6	WL	10/28/2014	0001	RM	D	96.000	#	0.047	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	110.000	#	0.047	-
	mg/L	R6-M3	WL	10/28/2014	0001	QA	D	170.000	#	0.047	-
	mg/L	R6-M3	WL	04/22/2015	0001	QA	D	160.000	#	0.047	-
	mg/L	R6-M4	WL	10/28/2014	0001	QA	D	83.000	#	0.047	-
	mg/L	R6-M4	WL	04/21/2015	0001	QA	D	99.000	#	0.047	-
	mg/L	T00-01	WL	10/29/2014	0001	QA	O	110.000	#	0.047	-
	mg/L	T01-01	WL	10/29/2014	0001	QA	O	160.000	#	0.047	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	130.000	#	0.047	-
	mg/L	T01-02	WL	10/29/2014	0001	QA	O	110.000	#	0.047	-
	mg/L	T01-02	WL	04/21/2015	0001	QA	O	130.000	#	0.047	-
	mg/L	T01-04	WL	10/29/2014	0001	QA	O	110.000	#	0.047	-
	mg/L	T01-04	WL	04/21/2015	0001	QA	O	120.000	N #	0.047	-
	mg/L	T01-04	WL	04/21/2015	0002	QA	O	110.000	#	0.047	-
	mg/L	T01-05	WL	10/29/2014	0001	QA	O	110.000	#	0.047	-
	mg/L	T01-05	WL	04/21/2015	0001	QA	O	120.000	#	0.047	-
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	180.000	#	0.047	-
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	220.000	#	0.047	-
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	130.000	#	0.047	-
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	150.000	#	0.047	-
	mg/L	T01-18	WL	10/28/2014	0001	QA	O	270.000	#	0.23	-
	mg/L	T01-19	WL	04/21/2015	0001	QA	O	120.000	#	0.047	-
	mg/L	T01-20	WL	10/28/2014	0001	QA	O	410.000	#	0.047	-
	mg/L	T01-23	WL	10/29/2014	0001	QA	O	57.000	#	0.047	-
	mg/L	T01-25	WL	10/30/2014	0001	QA	O	140.000	#	0.047	-
	mg/L	T01-35	WL	10/28/2014	0001	QA	O	100.000	#	0.047	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	T01-35	WL	04/20/2015	0001	QA	O	120.000	#	0.047	-
Specific Conductance	umhos/cm	0200	WL	10/31/2014	N001	QA	D	1994	#	-	-
	umhos/cm	0200	WL	04/22/2015	N001	QA	D	2003	#	-	-
	umhos/cm	0202	WL	04/22/2015	N001	QA	D	2068	#	-	-
	umhos/cm	82-08	WL	10/29/2014	N001	QA	D	2218	#	-	-
	umhos/cm	82-08	WL	04/22/2015	N001	QA	D	2018	#	-	-
	umhos/cm	88-85	WL	07/02/2014	N001	QA	D	2102	F #	-	-
	umhos/cm	88-85	WL	09/25/2014	N001	QA	D	1956	F #	-	-
	umhos/cm	88-85	WL	10/29/2014	N001	QA	D	1995	#	-	-
	umhos/cm	88-85	WL	04/21/2015	N001	QA	D	1931	#	-	-
	umhos/cm	92-07	WL	07/02/2014	N001	QA	D	1856	F #	-	-
	umhos/cm	92-07	WL	09/25/2014	N001	QA	D	1829	F #	-	-
	umhos/cm	92-07	WL	10/29/2014	N001	QA	D	1887	#	-	-
	umhos/cm	92-07	WL	04/21/2015	N001	QA	D	1791	#	-	-
	umhos/cm	92-08	WL	10/30/2014	N001	QA	D	1980	#	-	-
	umhos/cm	92-08	WL	04/22/2015	N001	QA	D	1769	#	-	-
	umhos/cm	92-09	WL	10/29/2014	N001	QA	D	2495	#	-	-
	umhos/cm	92-09	WL	04/22/2015	N001	QA	D	2521	#	-	-
	umhos/cm	92-11	WL	10/29/2014	N001	QA	D	1950	#	-	-
	umhos/cm	92-11	WL	04/22/2015	N001	QA	D	1914	#	-	-
	umhos/cm	95-01	WL	10/30/2014	N001	QA	D	590	#	-	-
	umhos/cm	95-03	WL	10/30/2014	N001	QA-KB	D	1554	#	-	-
	umhos/cm	MW00-01	WL	10/28/2014	N001	QA	U	1293	#	-	-
	umhos/cm	MW00-01	WL	04/21/2015	N001	QA	U	1365	#	-	-
	umhos/cm	MW00-06	WL	10/30/2014	N001	QA	D	1909	#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE:		ZONE COMPL.	FLOW REL.	RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
				DATE	ID				LAB	DATA	QA		
Specific Conductance	umhos/cm	MW00-06	WL	04/22/2015	N001	QA	D	1800			#	-	-
	umhos/cm	P92-06	WL	10/30/2014	N001	QA	D	1973			#	-	-
	umhos/cm	P92-06	WL	04/22/2015	N001	QA	D	1980			#	-	-
	umhos/cm	PW-10	WL	10/29/2014	N001	QA	D	1938			#	-	-
	umhos/cm	PW-10	WL	04/21/2015	N001	QA	D	1798			#	-	-
	umhos/cm	PW-17	WL	07/02/2014	N001	QA	D	1900	F		#	-	-
	umhos/cm	PW-17	WL	09/25/2014	N001	QA	D	1869	F		#	-	-
	umhos/cm	PW-17	WL	10/29/2014	N001	QA	D	1915			#	-	-
	umhos/cm	PW-17	WL	04/21/2015	N001	QA	D	1772			#	-	-
	umhos/cm	PW-28	WL	10/31/2014	N001	QA	D	2217			#	-	-
	umhos/cm	PW-28	WL	04/22/2015	N001	QA	D	2308			#	-	-
	umhos/cm	R10-M1	WL	10/28/2014	N001	QA	D	1463			#	-	-
	umhos/cm	R10-M1	WL	04/22/2015	N001	QA	D	1535			#	-	-
	umhos/cm	R1-M3	WL	10/28/2014	N001	QA	D	1860			#	-	-
	umhos/cm	R1-M3	WL	04/21/2015	N001	QA	D	1857			#	-	-
	umhos/cm	R1-M4	WL	10/28/2014	N001	QA	D	1795			#	-	-
	umhos/cm	R1-M4	WL	04/21/2015	N001	QA	D	1843			#	-	-
	umhos/cm	R3-M2	WL	10/28/2014	N001	RM	D	1931			#	-	-
	umhos/cm	R3-M2	WL	04/21/2015	N001	RM	D	1844			#	-	-
	umhos/cm	R3-M3	WL	10/28/2014	N001	RM	D	1805			#	-	-
	umhos/cm	R3-M3	WL	04/21/2015	N001	RM	D	1806			#	-	-
	umhos/cm	R4-M3	WL	04/21/2015	N001	RM	D	1021			#	-	-
	umhos/cm	R4-M6	WL	10/28/2014	N001	RM	D	935			#	-	-
	umhos/cm	R4-M6	WL	04/21/2015	N001	RM	D	1030			#	-	-
	umhos/cm	R6-M3	WL	04/22/2015	N001	QA	D	1951			#	-	-
	umhos/cm	R6-M4	WL	04/21/2015	N001	QA	D	864			#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL.	FLOW REL.	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Specific Conductance	umhos/cm	T00-01	WL	10/29/2014	N001	QA	O	1832	#	-	-
	umhos/cm	T01-01	WL	04/21/2015	N001	QA	O	1941	#	-	-
	umhos/cm	T01-02	WL	10/29/2014	N001	QA	O	1826	#	-	-
	umhos/cm	T01-02	WL	04/21/2015	N001	QA	O	2025	#	-	-
	umhos/cm	T01-04	WL	10/29/2014	N001	QA	O	1809	#	-	-
	umhos/cm	T01-04	WL	04/21/2015	N001	QA	O	2007	#	-	-
	umhos/cm	T01-05	WL	10/29/2014	N001	QA	O	1797	#	-	-
	umhos/cm	T01-05	WL	04/21/2015	N001	QA	O	2018	#	-	-
	umhos/cm	T01-07	WL	10/28/2014	N001	QA	O	2403	#	-	-
	umhos/cm	T01-07	WL	04/21/2015	N001	QA	O	2736	#	-	-
	umhos/cm	T01-12	WL	10/29/2014	N001	QA	O	1867	#	-	-
	umhos/cm	T01-12	WL	04/20/2015	N001	QA	O	2219	#	-	-
	umhos/cm	T01-18	WL	10/28/2014	N001	QA	O	4217	#	-	-
	umhos/cm	T01-19	WL	04/21/2015	N001	QA	O	2046	#	-	-
	umhos/cm	T01-20	WL	10/28/2014	N001	QA	O	2823	#	-	-
	umhos/cm	T01-23	WL	10/29/2014	N001	QA	O	1254	#	-	-
	umhos/cm	T01-25	WL	10/30/2014	N001	QA	O	2766	#	-	-
	umhos/cm	T01-35	WL	10/28/2014	N001	QA	O	1760	#	-	-
	umhos/cm	T01-35	WL	04/20/2015	N001	QA	O	2044	#	-	-
Sulfate	mg/L	0200	WL	10/31/2014	0001	QA	D	720	#	10	-
	mg/L	0200	WL	04/22/2015	0001	QA	D	700	#	10	-
	mg/L	0202	WL	04/22/2015	0001	QA	D	630	#	10	-
	mg/L	82-08	WL	10/29/2014	0001	QA	D	910	#	10	-
	mg/L	82-08	WL	10/29/2014	0002	QA	D	900	#	10	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	820	#	10	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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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	88-85	WL	07/02/2014	N001	QA	D	760	F #	10	-
	mg/L	88-85	WL	09/25/2014	N001	QA	D	660	F #	10	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	670	#	10	-
	mg/L	88-85	WL	04/21/2015	0001	QA	D	640	#	10	-
	mg/L	88-85	WL	04/21/2015	0002	QA	D	640	#	10	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	690	F #	10	-
	mg/L	92-07	WL	09/25/2014	N001	QA	D	670	F #	10	-
	mg/L	92-07	WL	09/25/2014	N002	QA	D	680	F #	10	-
	mg/L	92-07	WL	10/29/2014	0001	QA	D	730	#	10	-
	mg/L	92-07	WL	04/21/2015	0001	QA	D	600	#	10	-
	mg/L	92-08	WL	10/30/2014	0001	QA	D	750	#	10	-
	mg/L	92-08	WL	10/30/2014	0002	QA	D	750	#	10	-
	mg/L	92-08	WL	04/22/2015	0001	QA	D	590	#	10	-
	mg/L	92-09	WL	10/29/2014	0001	QA	D	980	#	12	-
	mg/L	92-09	WL	04/22/2015	0001	QA	D	960	#	12	-
	mg/L	92-11	WL	10/29/2014	0001	QA	D	630	#	10	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	640	#	10	-
	mg/L	95-01	WL	10/30/2014	0001	QA	D	120	#	2.5	-
	mg/L	95-03	WL	10/30/2014	0001	QA-KB	D	500	#	10	-
	mg/L	MW00-01	WL	10/28/2014	0001	QA	U	400	#	5	-
	mg/L	MW00-01	WL	04/21/2015	0001	QA	U	430	#	5	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	720	#	10	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	620	#	10	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	790	#	10	-
	mg/L	P92-06	WL	04/22/2015	0001	QA	D	750	#	10	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	720	#	10	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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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	PW-10	WL	04/21/2015	0001	QA	D	590	#	10	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	740	F #	10	-
	mg/L	PW-17	WL	09/25/2014	N001	QA	D	710	F #	10	-
	mg/L	PW-17	WL	10/29/2014	0001	QA	D	750	#	10	-
	mg/L	PW-17	WL	04/21/2015	0001	QA	D	580	#	10	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	800	#	10	-
	mg/L	PW-28	WL	04/22/2015	0001	QA	D	820	#	10	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	570	#	5	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	570	#	5	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	690	#	10	-
	mg/L	R1-M3	WL	04/21/2015	0001	QA	D	610	#	10	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	660	#	10	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	600	#	10	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	670	#	10	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	580	#	10	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	660	#	10	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	560	#	10	-
	mg/L	R4-M3	WL	10/28/2014	0001	RM	D	240	#	5	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	330	#	5	-
	mg/L	R4-M6	WL	10/28/2014	0001	RM	D	310	#	5	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	360	#	5	-
	mg/L	T00-01	WL	10/29/2014	0001	QA	O	710	#	10	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	690	#	10	-
	mg/L	T01-02	WL	10/29/2014	0001	QA	O	620	#	10	-
	mg/L	T01-02	WL	04/21/2015	0001	QA	O	720	#	10	-
	mg/L	T01-04	WL	10/29/2014	0001	QA	O	590	#	10	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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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	T01-04	WL	04/21/2015	0001	QA	O	660	#	10	-
	mg/L	T01-04	WL	04/21/2015	0002	QA	O	650	#	10	-
	mg/L	T01-05	WL	10/29/2014	0001	QA	O	570	#	10	-
	mg/L	T01-05	WL	04/21/2015	0001	QA	O	670	#	10	-
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	880	#	12	-
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	1000	#	12	-
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	580	#	10	-
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	730	#	10	-
	mg/L	T01-18	WL	10/28/2014	0001	QA	O	1400	#	25	-
	mg/L	T01-23	WL	10/29/2014	0001	QA	O	330	#	5	-
	mg/L	T01-25	WL	10/30/2014	0001	QA	O	1100	#	12	-
	mg/L	T01-35	WL	10/28/2014	0001	QA	O	560	#	10	-
	mg/L	T01-35	WL	04/20/2015	0001	QA	O	680	#	10	-
Temperature	C	0200	WL	10/31/2014	N001	QA	D	11.84	#	-	-
	C	0200	WL	04/22/2015	N001	QA	D	9.54	#	-	-
	C	0202	WL	04/22/2015	N001	QA	D	12.98	#	-	-
	C	82-08	WL	10/29/2014	N001	QA	D	13.82	#	-	-
	C	82-08	WL	04/22/2015	N001	QA	D	11.48	#	-	-
	C	88-85	WL	07/02/2014	N001	QA	D	14.28	F #	-	-
	C	88-85	WL	09/25/2014	N001	QA	D	15.51	F #	-	-
	C	88-85	WL	10/29/2014	N001	QA	D	13.72	#	-	-
	C	88-85	WL	04/21/2015	N001	QA	D	10.16	#	-	-
	C	92-07	WL	07/02/2014	N001	QA	D	11.76	F #	-	-
	C	92-07	WL	09/25/2014	N001	QA	D	13.69	F #	-	-
	C	92-07	WL	10/29/2014	N001	QA	D	12.07	#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL.	FLOW REL.	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	92-07	WL	04/21/2015	N001	QA	D	9.38	#	-	-
	C	92-08	WL	10/30/2014	N001	QA	D	12.61	#	-	-
	C	92-08	WL	04/22/2015	N001	QA	D	8.54	#	-	-
	C	92-09	WL	10/29/2014	N001	QA	D	13.51	#	-	-
	C	92-09	WL	04/22/2015	N001	QA	D	10.50	#	-	-
	C	92-11	WL	10/29/2014	N001	QA	D	13.02	#	-	-
	C	92-11	WL	04/22/2015	N001	QA	D	9.33	#	-	-
	C	95-01	WL	10/30/2014	N001	QA	D	13.71	#	-	-
	C	95-03	WL	10/30/2014	N001	QA-KB	D	13.48	#	-	-
	C	MW00-01	WL	10/28/2014	N001	QA	U	10.14	#	-	-
	C	MW00-01	WL	04/21/2015	N001	QA	U	9.47	#	-	-
	C	MW00-06	WL	10/30/2014	N001	QA	D	11.81	#	-	-
	C	MW00-06	WL	04/22/2015	N001	QA	D	9.78	#	-	-
	C	P92-06	WL	10/30/2014	N001	QA	D	11.35	#	-	-
	C	P92-06	WL	04/22/2015	N001	QA	D	8.25	#	-	-
	C	PW-10	WL	10/29/2014	N001	QA	D	13.47	#	-	-
	C	PW-10	WL	04/21/2015	N001	QA	D	14.18	#	-	-
	C	PW-17	WL	07/02/2014	N001	QA	D	15.62	F #	-	-
	C	PW-17	WL	09/25/2014	N001	QA	D	15.01	F #	-	-
	C	PW-17	WL	10/29/2014	N001	QA	D	10.75	#	-	-
	C	PW-17	WL	04/21/2015	N001	QA	D	10.83	#	-	-
	C	PW-28	WL	10/31/2014	N001	QA	D	12.77	#	-	-
	C	PW-28	WL	04/22/2015	N001	QA	D	10.64	#	-	-
	C	R10-M1	WL	10/28/2014	N001	QA	D	15.38	#	-	-
	C	R10-M1	WL	04/22/2015	N001	QA	D	10.21	#	-	-
	C	R1-M3	WL	10/28/2014	N001	QA	D	12.79	#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL.	FLOW REL.	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	R1-M3	WL	04/21/2015	N001	QA	D	10.58	#	-	-
	C	R1-M4	WL	10/28/2014	N001	QA	D	13.09	#	-	-
	C	R1-M4	WL	04/21/2015	N001	QA	D	11.21	#	-	-
	C	R3-M2	WL	10/28/2014	N001	RM	D	13.54	#	-	-
	C	R3-M2	WL	04/21/2015	N001	RM	D	11.07	#	-	-
	C	R3-M3	WL	10/28/2014	N001	RM	D	14.08	#	-	-
	C	R3-M3	WL	04/21/2015	N001	RM	D	10.44	#	-	-
	C	R4-M3	WL	04/21/2015	N001	RM	D	13.33	#	-	-
	C	R4-M6	WL	10/28/2014	N001	RM	D	14.28	#	-	-
	C	R4-M6	WL	04/21/2015	N001	RM	D	11.46	#	-	-
	C	R6-M3	WL	04/22/2015	N001	QA	D	11.03	#	-	-
	C	R6-M4	WL	04/21/2015	N001	QA	D	12.38	#	-	-
	C	T00-01	WL	10/29/2014	N001	QA	O	14.64	#	-	-
	C	T01-01	WL	04/21/2015	N001	QA	O	8.92	#	-	-
	C	T01-02	WL	10/29/2014	N001	QA	O	14.78	#	-	-
	C	T01-02	WL	04/21/2015	N001	QA	O	9.70	#	-	-
	C	T01-04	WL	10/29/2014	N001	QA	O	15.19	#	-	-
	C	T01-04	WL	04/21/2015	N001	QA	O	11.13	#	-	-
	C	T01-05	WL	10/29/2014	N001	QA	O	15.24	#	-	-
	C	T01-05	WL	04/21/2015	N001	QA	O	9.54	#	-	-
	C	T01-07	WL	10/28/2014	N001	QA	O	14.71	#	-	-
	C	T01-07	WL	04/21/2015	N001	QA	O	11.28	#	-	-
	C	T01-12	WL	10/29/2014	N001	QA	O	12.87	#	-	-
	C	T01-12	WL	04/20/2015	N001	QA	O	10.16	#	-	-
	C	T01-18	WL	10/28/2014	N001	QA	O	11.18	#	-	-
	C	T01-19	WL	04/21/2015	N001	QA	O	10.32	#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL.	FLOW REL.	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Temperature	C	T01-20	WL	10/28/2014	N001	QA	O	16.31	#	-	-
	C	T01-23	WL	10/29/2014	N001	QA	O	11.39	#	-	-
	C	T01-25	WL	10/30/2014	N001	QA	O	15.39	#	-	-
	C	T01-35	WL	10/28/2014	N001	QA	O	11.97	#	-	-
	C	T01-35	WL	04/20/2015	N001	QA	O	12.08	#	-	-
Total Dissolved Solids	mg/L	82-08	WL	10/29/2014	0001	QA	D	1700	#	40	-
	mg/L	82-08	WL	10/29/2014	0002	QA	D	1700	#	40	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	1600	#	40	-
	mg/L	88-85	WL	07/02/2014	N001	QA	D	1700	F #	40	-
	mg/L	88-85	WL	09/25/2014	N001	QA	D	1500	F #	40	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	1500	#	40	-
	mg/L	88-85	WL	04/21/2015	0001	QA	D	1400	#	40	-
	mg/L	88-85	WL	04/21/2015	0002	QA	D	1500	#	40	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	1400	F #	40	-
	mg/L	92-07	WL	09/25/2014	N001	QA	D	1400	F #	40	-
	mg/L	92-07	WL	09/25/2014	N002	QA	D	1400	F #	40	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	1500	#	40	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	1400	#	40	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	1500	F #	40	-
	mg/L	PW-17	WL	09/25/2014	N001	QA	D	1500	F #	40	-
	mg/L	T01-01	WL	10/29/2014	0001	QA	O	1700	#	40	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	1400	#	40	-
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	1400	#	40	-
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	1700	#	40	-
Turbidity	NTU	0200	WL	10/31/2014	N001	QA	D	1.05	#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL.	FLOW REL.	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Turbidity	NTU	0200	WL	04/22/2015	N001	QA	D	1.53	#	-	-
	NTU	0202	WL	04/22/2015	N001	QA	D	8.84	#	-	-
	NTU	82-08	WL	10/29/2014	N001	QA	D	0.98	#	-	-
	NTU	82-08	WL	04/22/2015	N001	QA	D	1.99	#	-	-
	NTU	88-85	WL	07/02/2014	N001	QA	D	1.55	F #	-	-
	NTU	88-85	WL	09/25/2014	N001	QA	D	5.88	F #	-	-
	NTU	88-85	WL	10/29/2014	N001	QA	D	2.26	#	-	-
	NTU	88-85	WL	04/21/2015	N001	QA	D	3.49	#	-	-
	NTU	92-07	WL	07/02/2014	N001	QA	D	0.70	F #	-	-
	NTU	92-07	WL	09/25/2014	N001	QA	D	1.72	F #	-	-
	NTU	92-07	WL	10/29/2014	N001	QA	D	0.94	#	-	-
	NTU	92-07	WL	04/21/2015	N001	QA	D	1.11	#	-	-
	NTU	92-08	WL	10/30/2014	N001	QA	D	0.88	#	-	-
	NTU	92-08	WL	04/22/2015	N001	QA	D	1.09	#	-	-
	NTU	92-09	WL	10/29/2014	N001	QA	D	2.39	#	-	-
	NTU	92-09	WL	04/22/2015	N001	QA	D	2.78	#	-	-
	NTU	92-11	WL	10/29/2014	N001	QA	D	1.83	#	-	-
	NTU	92-11	WL	04/22/2015	N001	QA	D	2.05	#	-	-
	NTU	95-01	WL	10/30/2014	N001	QA	D	4.82	#	-	-
	NTU	95-03	WL	10/30/2014	N001	QA-KB	D	2.56	#	-	-
	NTU	MW00-01	WL	10/28/2014	N001	QA	U	4.95	#	-	-
	NTU	MW00-01	WL	04/21/2015	N001	QA	U	2.76	#	-	-
	NTU	MW00-06	WL	10/30/2014	N001	QA	D	2.26	#	-	-
	NTU	MW00-06	WL	04/22/2015	N001	QA	D	1.12	#	-	-
	NTU	P92-06	WL	10/30/2014	N001	QA	D	0.88	#	-	-
	NTU	P92-06	WL	04/22/2015	N001	QA	D	1.15	#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL.	FLOW REL.	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Turbidity	NTU	PW-10	WL	10/29/2014	N001	QA	D	2.42	#	-	-
	NTU	PW-10	WL	04/21/2015	N001	QA	D	3.03	#	-	-
	NTU	PW-17	WL	07/02/2014	N001	QA	D	1.23	F #	-	-
	NTU	PW-17	WL	09/25/2014	N001	QA	D	5.05	F #	-	-
	NTU	PW-17	WL	10/29/2014	N001	QA	D	1.76	#	-	-
	NTU	PW-17	WL	04/21/2015	N001	QA	D	18.4	#	-	-
	NTU	PW-28	WL	10/31/2014	N001	QA	D	1.14	#	-	-
	NTU	PW-28	WL	04/22/2015	N001	QA	D	1.22	#	-	-
	NTU	R10-M1	WL	10/28/2014	N001	QA	D	7.51	#	-	-
	NTU	R10-M1	WL	04/22/2015	N001	QA	D	1.58	#	-	-
	NTU	R1-M3	WL	10/28/2014	N001	QA	D	12.4	#	-	-
	NTU	R1-M3	WL	04/21/2015	N001	QA	D	1.79	#	-	-
	NTU	R1-M4	WL	10/28/2014	N001	QA	D	3.82	#	-	-
	NTU	R1-M4	WL	04/21/2015	N001	QA	D	1.67	#	-	-
	NTU	R3-M2	WL	10/28/2014	N001	RM	D	7.09	#	-	-
	NTU	R3-M2	WL	04/21/2015	N001	RM	D	22.1	#	-	-
	NTU	R3-M3	WL	10/28/2014	N001	RM	D	17.6	#	-	-
	NTU	R3-M3	WL	04/21/2015	N001	RM	D	2.34	#	-	-
	NTU	R4-M3	WL	04/21/2015	N001	RM	D	39.7	#	-	-
	NTU	R4-M6	WL	10/28/2014	N001	RM	D	9.30	#	-	-
	NTU	R4-M6	WL	04/21/2015	N001	RM	D	5.56	#	-	-
	NTU	R6-M3	WL	04/22/2015	N001	QA	D	194	#	-	-
	NTU	R6-M4	WL	04/21/2015	N001	QA	D	11.2	#	-	-
	NTU	T00-01	WL	10/29/2014	N001	QA	O	1.68	#	-	-
	NTU	T01-01	WL	04/21/2015	N001	QA	O	1.40	#	-	-
	NTU	T01-02	WL	10/29/2014	N001	QA	O	4.77	#	-	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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PARAMETER	UNITS	LOCATION CODE	LOCATION TYPE	SAMPLE: DATE	ID	ZONE COMPL.	FLOW REL.	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN-CERTAINTY
Turbidity	NTU	T01-02	WL	04/21/2015	N001	QA	O	3.09	#	-	-
	NTU	T01-04	WL	10/29/2014	N001	QA	O	2.61	#	-	-
	NTU	T01-04	WL	04/21/2015	N001	QA	O	1.64	#	-	-
	NTU	T01-05	WL	10/29/2014	N001	QA	O	4.55	#	-	-
	NTU	T01-05	WL	04/21/2015	N001	QA	O	1.35	#	-	-
	NTU	T01-07	WL	10/28/2014	N001	QA	O	1.90	#	-	-
	NTU	T01-07	WL	04/21/2015	N001	QA	O	1.84	#	-	-
	NTU	T01-12	WL	10/29/2014	N001	QA	O	1.68	#	-	-
	NTU	T01-12	WL	04/20/2015	N001	QA	O	4.75	#	-	-
	NTU	T01-18	WL	10/28/2014	N001	QA	O	20.0	#	-	-
	NTU	T01-23	WL	10/29/2014	N001	QA	O	3.19	#	-	-
	NTU	T01-25	WL	10/30/2014	N001	QA	O	7.95	#	-	-
	NTU	T01-35	WL	10/28/2014	N001	QA	O	1.39	#	-	-
	NTU	T01-35	WL	04/20/2015	N001	QA	O	1.49	#	-	-
Uranium	mg/L	0200	WL	10/31/2014	0001	QA	D	0.210	#	2.9E-05	-
	mg/L	0200	WL	04/22/2015	0001	QA	D	0.270	#	2.9E-05	-
	mg/L	0202	WL	10/30/2014	0001	QA	D	0.240	#	1.5E-05	-
	mg/L	0202	WL	04/22/2015	0001	QA	D	0.190	#	2.9E-05	-
	mg/L	82-08	WL	10/29/2014	0001	QA	D	0.220	#	1.5E-05	-
	mg/L	82-08	WL	10/29/2014	0002	QA	D	0.220	#	2.9E-06	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	0.110	#	2.9E-05	-
	mg/L	88-85	WL	07/02/2014	N001	QA	D	0.280	F #	1.5E-05	-
	mg/L	88-85	WL	09/25/2014	N001	QA	D	0.270	F #	0.00015	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	0.260	#	2.9E-05	-
	mg/L	88-85	WL	04/21/2015	0001	QA	D	0.170	#	2.9E-05	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
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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	88-85	WL	04/21/2015	0002	QA	D	0.170			#	2.9E-05	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	0.800		F	#	1.5E-05	-
	mg/L	92-07	WL	09/25/2014	N001	QA	D	0.780		F	#	0.00015	-
	mg/L	92-07	WL	09/25/2014	N002	QA	D	0.910	E	JF	#	0.00015	-
	mg/L	92-07	WL	10/29/2014	0001	QA	D	0.870			#	5.8E-05	-
	mg/L	92-07	WL	04/21/2015	0001	QA	D	0.560			#	2.9E-05	-
	mg/L	92-08	WL	10/30/2014	0001	QA	D	0.310			#	2.9E-05	-
	mg/L	92-08	WL	10/30/2014	0002	QA	D	0.300			#	2.9E-05	-
	mg/L	92-08	WL	04/22/2015	0001	QA	D	0.230			#	2.9E-05	-
	mg/L	92-09	WL	10/29/2014	0001	QA	D	0.360			#	2.9E-05	-
	mg/L	92-09	WL	04/22/2015	0001	QA	D	0.510			#	2.9E-05	-
	mg/L	92-11	WL	10/29/2014	0001	QA	D	0.150			#	2.9E-05	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	0.160			#	2.9E-05	-
	mg/L	95-01	WL	10/30/2014	0001	QA	D	0.00039			#	2.9E-06	-
	mg/L	95-03	WL	10/30/2014	0001	QA-KB	D	0.0084			#	2.9E-06	-
	mg/L	MW00-01	WL	10/28/2014	0001	QA	U	0.0048			#	2.9E-06	-
	mg/L	MW00-01	WL	04/21/2015	0001	QA	U	0.0053			#	2.9E-05	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	0.840			#	2.9E-05	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	0.410			#	2.9E-05	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	0.430			#	2.9E-05	-
	mg/L	P92-06	WL	04/22/2015	0001	QA	D	0.460			#	2.9E-05	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	0.830			#	5.8E-05	-
	mg/L	PW-10	WL	04/21/2015	0001	QA	D	0.720			#	2.9E-05	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	0.960		F	#	1.5E-05	-
	mg/L	PW-17	WL	09/25/2014	N001	QA	D	0.940		F	#	0.00015	-
	mg/L	PW-17	WL	10/29/2014	0001	QA	D	0.940			#	5.8E-05	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	PW-17	WL	04/21/2015	0001	QA	D	0.740			#	2.9E-05	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	0.170			#	1.5E-05	-
	mg/L	PW-28	WL	04/22/2015	0001	QA	D	0.150			#	2.9E-05	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	0.0097			#	1.5E-05	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	0.029			#	2.9E-05	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	0.630	E	J	#	2.9E-05	-
	mg/L	R1-M3	WL	04/21/2015	0001	QA	D	0.270			#	2.9E-05	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	0.470			#	2.9E-05	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	0.420	E	J	#	2.9E-05	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	0.530			#	2.9E-05	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	0.470			#	2.9E-05	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	0.370			#	2.9E-05	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	0.290			#	2.9E-05	-
	mg/L	R4-M3	WL	10/28/2014	0001	RM	D	0.00006			#	2.9E-06	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	0.00054			#	2.9E-05	-
	mg/L	R4-M6	WL	10/28/2014	0001	RM	D	0.00001			#	2.9E-06	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	0.00007	J		#	2.9E-05	-
	mg/L	R6-M3	WL	10/28/2014	0001	QA	D	0.051			#	1.5E-05	-
	mg/L	R6-M3	WL	04/22/2015	0001	QA	D	0.074			#	2.9E-05	-
	mg/L	R6-M4	WL	10/28/2014	0001	QA	D	0.0036			#	2.9E-06	-
	mg/L	R6-M4	WL	04/21/2015	0001	QA	D	0.0024			#	2.9E-05	-
	mg/L	T00-01	WL	10/29/2014	0001	QA	O	0.110			#	2.9E-05	-
	mg/L	T01-01	WL	10/29/2014	0001	QA	O	0.230			#	1.5E-05	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	0.066			#	2.9E-05	-
	mg/L	T01-02	WL	10/29/2014	0001	QA	O	0.180			#	2.9E-05	-
	mg/L	T01-02	WL	04/21/2015	0001	QA	O	0.120			#	2.9E-05	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	T01-04	WL	10/29/2014	0001	QA	O	0.130			#	2.9E-05	-
	mg/L	T01-04	WL	04/21/2015	0001	QA	O	0.120			#	2.9E-05	-
	mg/L	T01-04	WL	04/21/2015	0002	QA	O	0.130			#	2.9E-05	-
	mg/L	T01-05	WL	10/29/2014	0001	QA	O	0.120			#	2.9E-05	-
	mg/L	T01-05	WL	04/21/2015	0001	QA	O	0.120			#	2.9E-05	-
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	0.120			#	2.9E-05	-
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	0.110			#	2.9E-05	-
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	0.110			#	2.9E-05	-
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	0.140			#	2.9E-05	-
	mg/L	T01-18	WL	10/28/2014	0001	QA	O	0.490			#	2.9E-05	-
	mg/L	T01-19	WL	04/21/2015	0001	QA	O	0.082			#	2.9E-05	-
	mg/L	T01-20	WL	10/28/2014	0001	QA	O	0.220			#	2.9E-05	-
	mg/L	T01-23	WL	10/29/2014	0001	QA	O	0.026			#	2.9E-06	-
	mg/L	T01-25	WL	10/30/2014	0001	QA	O	0.012			#	2.9E-06	-
	mg/L	T01-35	WL	10/28/2014	0001	QA	O	0.085			#	2.9E-05	-
	mg/L	T01-35	WL	04/20/2015	0001	QA	O	0.088			#	2.9E-05	-
Vanadium	mg/L	0200	WL	10/31/2014	0001	QA	D	0.00001	B	UJ	#	1.5E-05	-
	mg/L	0200	WL	04/22/2015	0001	QA	D	0.00051	J	U	#	0.00015	-
	mg/L	0202	WL	10/30/2014	0001	QA	D	0.037			#	7.6E-05	-
	mg/L	0202	WL	04/22/2015	0001	QA	D	0.032			#	0.00015	-
	mg/L	82-08	WL	10/29/2014	0001	QA	D	0.0082			#	7.6E-05	-
	mg/L	82-08	WL	10/29/2014	0002	QA	D	0.0084			#	1.5E-05	-
	mg/L	82-08	WL	04/22/2015	0001	QA	D	0.0066			#	0.00015	-
	mg/L	88-85	WL	07/02/2014	N001	QA	D	0.340	F		#	7.6E-05	-
	mg/L	88-85	WL	10/29/2014	0001	QA	D	0.410			#	0.00015	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	88-85	WL	04/21/2015	0001	QA	D	0.330			#	0.00015	-
	mg/L	88-85	WL	04/21/2015	0002	QA	D	0.330			#	0.00015	-
	mg/L	92-07	WL	07/02/2014	N001	QA	D	0.260	F		#	7.6E-05	-
	mg/L	92-07	WL	10/29/2014	0001	QA	D	0.400			#	0.0003	-
	mg/L	92-07	WL	04/21/2015	0001	QA	D	0.280			#	0.00015	-
	mg/L	92-08	WL	10/30/2014	0001	QA	D	0.0016			#	1.5E-05	-
	mg/L	92-08	WL	10/30/2014	0002	QA	D	0.0017	B		#	0.00015	-
	mg/L	92-08	WL	04/22/2015	0001	QA	D	0.0022	J	U	#	0.00015	-
	mg/L	92-09	WL	10/29/2014	0001	QA	D	0.00001	U	J	#	1.5E-05	-
	mg/L	92-09	WL	04/22/2015	0001	QA	D	0.0006	J	U	#	0.00015	-
	mg/L	92-11	WL	10/29/2014	0001	QA	D	0.450			#	0.00015	-
	mg/L	92-11	WL	04/22/2015	0001	QA	D	0.340			#	0.00015	-
	mg/L	95-01	WL	10/30/2014	0001	QA	D	0.00001	B	UJ	#	1.5E-05	-
	mg/L	95-03	WL	10/30/2014	0001	QA-KB	D	0.00001	U	J	#	1.5E-05	-
	mg/L	MW00-01	WL	10/28/2014	0001	QA	U	0.00001	B	UJ	#	1.5E-05	-
	mg/L	MW00-01	WL	04/21/2015	0001	QA	U	0.0012	J	U	#	0.00015	-
	mg/L	MW00-06	WL	10/30/2014	0001	QA	D	0.170			#	0.00015	-
	mg/L	MW00-06	WL	04/22/2015	0001	QA	D	0.130			#	0.00015	-
	mg/L	P92-06	WL	10/30/2014	0001	QA	D	0.00029	B	J	#	1.5E-05	-
	mg/L	P92-06	WL	04/22/2015	0001	QA	D	0.001	J	U	#	0.00015	-
	mg/L	PW-10	WL	10/29/2014	0001	QA	D	0.250			#	0.0003	-
	mg/L	PW-10	WL	04/21/2015	0001	QA	D	0.250			#	0.00015	-
	mg/L	PW-17	WL	07/02/2014	N001	QA	D	0.250	F		#	7.6E-05	-
	mg/L	PW-17	WL	10/29/2014	0001	QA	D	0.330			#	0.0003	-
	mg/L	PW-17	WL	04/21/2015	0001	QA	D	0.240			#	0.00015	-
	mg/L	PW-28	WL	10/31/2014	0001	QA	D	0.220			#	7.6E-05	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	PW-28	WL	04/22/2015	0001	QA	D	0.180			#	0.00015	-
	mg/L	R10-M1	WL	10/28/2014	0001	QA	D	0.035			#	7.6E-05	-
	mg/L	R10-M1	WL	04/22/2015	0001	QA	D	0.022			#	0.00015	-
	mg/L	R1-M3	WL	10/28/2014	0001	QA	D	0.440			#	0.00015	-
	mg/L	R1-M3	WL	04/21/2015	0001	QA	D	0.360			#	0.00015	-
	mg/L	R1-M4	WL	10/28/2014	0001	QA	D	0.250			#	0.00015	-
	mg/L	R1-M4	WL	04/21/2015	0001	QA	D	0.230			#	0.00015	-
	mg/L	R3-M2	WL	10/28/2014	0001	RM	D	0.0014			#	1.5E-05	-
	mg/L	R3-M2	WL	04/21/2015	0001	RM	D	0.0012	J	U	#	0.00015	-
	mg/L	R3-M3	WL	10/28/2014	0001	RM	D	0.00018	B	J	#	1.5E-05	-
	mg/L	R3-M3	WL	04/21/2015	0001	RM	D	0.00053	J	U	#	0.00015	-
	mg/L	R4-M3	WL	10/28/2014	0001	RM	D	0.00001	B	UJ	#	1.5E-05	-
	mg/L	R4-M3	WL	04/21/2015	0001	RM	D	0.00072	J	U	#	0.00015	-
	mg/L	R4-M6	WL	10/28/2014	0001	RM	D	0.00001	U	J	#	1.5E-05	-
	mg/L	R4-M6	WL	04/21/2015	0001	RM	D	0.00068	J	U	#	0.00015	-
	mg/L	R6-M3	WL	10/28/2014	0001	QA	D	0.029			#	7.6E-05	-
	mg/L	R6-M3	WL	04/22/2015	0001	QA	D	0.094			#	0.00015	-
	mg/L	R6-M4	WL	10/28/2014	0001	QA	D	0.0042			#	1.5E-05	-
	mg/L	R6-M4	WL	04/21/2015	0001	QA	D	0.0016	J	U	#	0.00015	-
	mg/L	T00-01	WL	10/29/2014	0001	QA	O	0.210			#	0.00015	-
	mg/L	T01-01	WL	10/29/2014	0001	QA	O	0.290			#	7.6E-05	-
	mg/L	T01-01	WL	04/21/2015	0001	QA	O	0.100			#	0.00015	-
	mg/L	T01-02	WL	10/29/2014	0001	QA	O	0.470			#	0.00015	-
	mg/L	T01-02	WL	04/21/2015	0001	QA	O	0.310			#	0.00015	-
	mg/L	T01-04	WL	10/29/2014	0001	QA	O	0.360			#	0.00015	-
	mg/L	T01-04	WL	04/21/2015	0001	QA	O	0.280			#	0.00015	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:33 pm

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	T01-04	WL	04/21/2015	0002	QA	O	0.300		#	0.00015	-	
	mg/L	T01-05	WL	10/29/2014	0001	QA	O	0.350		#	0.00015	-	
	mg/L	T01-05	WL	04/21/2015	0001	QA	O	0.260		#	0.00015	-	
	mg/L	T01-07	WL	10/28/2014	0001	QA	O	0.110		#	0.00015	-	
	mg/L	T01-07	WL	04/21/2015	0001	QA	O	0.085		#	0.00015	-	
	mg/L	T01-12	WL	10/29/2014	0001	QA	O	0.051		#	0.00015	-	
	mg/L	T01-12	WL	04/20/2015	0001	QA	O	0.037		#	0.00015	-	
	mg/L	T01-18	WL	10/28/2014	0001	QA	O	0.00057		#	1.5E-05	-	
	mg/L	T01-19	WL	04/21/2015	0001	QA	O	0.0011	J	J	#	0.00015	-
	mg/L	T01-20	WL	10/28/2014	0001	QA	O	0.0014		#	1.5E-05	-	
	mg/L	T01-23	WL	10/29/2014	0001	QA	O	0.00001	B	UJ	#	1.5E-05	-
	mg/L	T01-25	WL	10/30/2014	0001	QA	O	0.00001		UJ	#	1.5E-05	-
	mg/L	T01-35	WL	10/28/2014	0001	QA	O	0.190		#	0.00015	-	
	mg/L	T01-35	WL	04/20/2015	0001	QA	O	0.160		#	0.00015	-	

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
 REPORT DATE: 9/30/2015 12:33 pm

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 location_code in('0200','0202','82-08','88-85','92-07','92-08','92-09','92-11','95-01','95-03','MW00-01','MW00-06','MW00-07','P92-06','PW-10','PW-17','PW-28','R10-M1','R1-M3','R1-M4','R3-M2','R3-M3','R4-M3','R4-M6','R6-M3','R6-M4','T00-01','T00-04','T01-01','T01-02','T01-04','T01-05','T01-07','T01-12','T01-13','T01-18','T01-19','T01-20','T01-23','T01-25','T01-35') AND quality_assurance = TRUE AND (data_validation_qualifiers IS NULL OR data_validation_qualifiers NOT LIKE '%R%' AND data_validation_qualifiers NOT LIKE '%X%') AND cas in('ALKALINITY','07440-38-2','07440-70-2','CHLORIDE','07782-44-7','16984-48-8','07439-89-6','07439-95-4','07439-96-5','07439-98-7','NO3+NO2 AS N','E-10195WB','ORP','PH','07440-09-7','07782-49-2','07440-23-5','EC','SULFATE','TMP','TDS','TURBIDITY','07440-61-1','07440-62-2') AND DATE_SAMPLED between #5/1/2014# and #4/30/2015#											
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 BARRIER		
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 compound (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.		

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
 REPORT DATE: 9/30/2015 12:33 pm

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

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Appendix B

Analytical Results for Bedrock Groundwater Samples, May 2014 Through April 2015

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CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:36 pm

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	92-10	WL	10/29/2014	N001	KB	D	180	#	-	-
	mg/L	93-01	WL	10/30/2014	N001	KB	O	440	#	-	-
Arsenic	mg/L	92-10	WL	10/29/2014	0001	KB	D	0.00001	B #	1.5E-05	-
	mg/L	93-01	WL	10/30/2014	0001	KB	O	0.00014	#	1.5E-05	-
Calcium	mg/L	92-10	WL	10/29/2014	0001	KB	D	150.000	#	0.024	-
	mg/L	93-01	WL	10/30/2014	0001	KB	O	27.000	#	0.024	-
Chloride	mg/L	92-10	WL	10/29/2014	0001	KB	D	58	#	2	-
	mg/L	93-01	WL	10/30/2014	0001	KB	O	5.5	#	0.2	-
Fluoride	mg/L	92-10	WL	10/29/2014	0001	KB	D	0.15	#	0.1	-
	mg/L	93-01	WL	10/30/2014	0001	KB	O	0.68	#	0.1	-
Iron	mg/L	92-10	WL	10/29/2014	0001	KB	D	0.990	#	0.0067	-
	mg/L	93-01	WL	10/30/2014	0001	KB	O	0.033	B J #	0.0067	-
Magnesium	mg/L	92-10	WL	10/29/2014	0001	KB	D	26.000	#	0.03	-
	mg/L	93-01	WL	10/30/2014	0001	KB	O	7.200	#	0.03	-
Manganese	mg/L	92-10	WL	10/29/2014	0001	KB	D	0.710	#	0.00024	-
	mg/L	93-01	WL	10/30/2014	0001	KB	O	0.064	#	0.00024	-
Molybdenum	mg/L	92-10	WL	10/29/2014	0001	KB	D	0.0015	#	3.2E-05	-
	mg/L	93-01	WL	10/30/2014	0001	KB	O	0.00003	U #	3.2E-05	-
Nitrate + Nitrite as Nitrogen	mg/L	92-10	WL	10/29/2014	0001	KB	D	0.01	U #	0.01	-
	mg/L	93-01	WL	10/30/2014	0001	KB	O	0.01	U #	0.01	-
pH	s.u.	92-10	WL	10/29/2014	N001	KB	D	7.15	#	-	-
	s.u.	93-01	WL	10/30/2014	N001	KB	O	7.35	#	-	-
Potassium	mg/L	92-10	WL	10/29/2014	0001	KB	D	3.900	#	0.052	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:36 pm

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	93-01	WL	10/30/2014	0001	KB	O	3.100	#	0.052	-
Selenium	mg/L	92-10	WL	10/29/2014	0001	KB	D	0.00003	U #	3.2E-05	-
	mg/L	93-01	WL	10/30/2014	0001	KB	O	0.00003	U #	3.2E-05	-
Sodium	mg/L	92-10	WL	10/29/2014	0001	KB	D	74.000	#	0.047	-
	mg/L	93-01	WL	10/30/2014	0001	KB	O	140.000	#	0.047	-
Specific Conductance	umhos/cm	92-10	WL	10/29/2014	N001	KB	D	1180	#	-	-
	umhos/cm	93-01	WL	10/30/2014	N001	KB	O	739	#	-	-
Sulfate	mg/L	92-10	WL	10/29/2014	0001	KB	D	360	#	5	-
	mg/L	93-01	WL	10/30/2014	0001	KB	O	0.91	#	0.5	-
Temperature	C	92-10	WL	10/29/2014	N001	KB	D	12.64	#	-	-
	C	93-01	WL	10/30/2014	N001	KB	O	10.43	#	-	-
Turbidity	NTU	92-10	WL	10/29/2014	N001	KB	D	17.4	#	-	-
	NTU	93-01	WL	10/30/2014	N001	KB	O	1.02	#	-	-
Uranium	mg/L	92-10	WL	10/29/2014	0001	KB	D	0.00007	#	2.9E-06	-
	mg/L	93-01	WL	10/30/2014	0001	KB	O	0.00002	#	2.9E-06	-
Vanadium	mg/L	92-10	WL	10/29/2014	0001	KB	D	0.00001	U J #	1.5E-05	-
	mg/L	93-01	WL	10/30/2014	0001	KB	O	0.00001	B UJ #	1.5E-05	-

CLASSIC GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (USEE201) FOR SITE MNT01, Monticello Disposal & Process Sites

REPORT DATE: 9/30/2015 12:36 pm

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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RECORDS: SELECTED FROM USEE200 WHERE site_code='MNT01' AND location_code in('83-70','92-10','93-01') AND quality_assurance = TRUE AND (data_validation_qualifiers IS NULL OR data_validation_qualifiers NOT LIKE '%R%' AND data_validation_qualifiers NOT LIKE '%X%') AND cas in('ALKALINITY','07440-38-2','07440-70-2','CHLORIDE','07782-44-7','16984-48-8','07439-89-6','07439-95-4','07439-96-5','07439-98-7','NO3+NO2 AS N','E-10195WB','ORP','PH','07440-09-7','07782-49-2','07440-23-5','EC','SULFATE','TMP','TDS','TURBIDITY','07440-61-1','07440-62-2') AND DATE_SAMPLED between #5/1/2014# and #4/30/2015#

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

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 compound (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 C

Analytical Results for Surface Water Samples, May 2014 Through April 2015

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SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: 0301 50 yards downstream from Treatment System Outfall
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Alkalinity, Total (As CaCO3)	mg/L	05/06/2014	N001	268			#	-	-
	mg/L	06/04/2014	N001	312				-	-
	mg/L	07/09/2014	N001	312			#	-	-
	mg/L	08/18/2014	N001	284			#	-	-
	mg/L	09/29/2014	N001	268			#	-	-
	mg/L	10/30/2014	0001	362			#	-	-
	mg/L	11/18/2014	N005	298			#	-	-
	mg/L	12/08/2014	N005	290			#	-	-
Dissolved Oxygen	mg/L	05/06/2014	N001	8.20			#	-	-
	mg/L	06/04/2014	N001	8.34				-	-
	mg/L	07/09/2014	N001	2.80			#	-	-
	mg/L	08/18/2014	N001	6.20			#	-	-
	mg/L	09/29/2014	N001	6.30			#	-	-
	mg/L	10/30/2014	N001	8.62			#	-	-
	mg/L	11/18/2014	N001	9.65			#	-	-
	mg/L	12/08/2014	N001	9.06			#	-	-
Iron	mg/L	05/06/2014	N001	0.660			#	0.0049	-
	mg/L	05/06/2014	N003	0.69				0.01	-
	mg/L	06/04/2014	N002	4.500			#	0.0067	-
	mg/L	06/04/2014	N003	4.3				0.01	-
	mg/L	07/09/2014	N001	0.0049		U	#	0.0049	-
	mg/L	07/09/2014	N003	35.3				0.01	-
	mg/L	08/18/2014	N001	2.400			#	0.0049	-
	mg/L	08/18/2014	N003	2.5				0.01	-
	mg/L	09/29/2014	N001	0.790			#	0.0067	-
	mg/L	09/29/2014	N003	0.73				0.01	-
	mg/L	10/30/2014	N001	18.000			#	0.0067	-
	mg/L	10/30/2014	N003	18.0				0.01	-
	mg/L	11/18/2014	N005	0.700			#	0.0067	-
	mg/L	11/18/2014	N006	0.67				0.01	-
	mg/L	12/08/2014	N005	0.580			#	0.0049	-
	mg/L	12/08/2014	N006	0.62				0.01	-
Oxidation Reduction Potential	mV	05/06/2014	N001	74.5			#	-	-
	mV	06/04/2014	N001	43.6				-	-
	mV	07/09/2014	N001	34.2			#	-	-
	mV	08/18/2014	N001	110.8			#	-	-
	mV	09/29/2014	N001	82.1			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: 0301 50 yards downstream from Treatment System Outfall
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Oxidation Reduction Potential	mV	10/30/2014	N001	-34.1		#	-
	mV	11/18/2014	N001	119.8		#	-
	mV	12/08/2014	N001	243.9		#	-
pH	s.u.	05/06/2014	N001	7.84		#	-
	s.u.	06/04/2014	N001	7.44			-
	s.u.	07/09/2014	N001	6.96		#	-
	s.u.	08/18/2014	N001	7.33		#	-
	s.u.	09/29/2014	N001	7.75		#	-
	s.u.	10/30/2014	N001	7.32		#	-
	s.u.	11/18/2014	N001	7.46		#	-
	s.u.	12/08/2014	N001	7.48		#	-
Specific Conductance	umhos/cm	05/06/2014	N001	1496		#	-
	umhos/cm	06/04/2014	N001	1883			-
	umhos/cm	07/09/2014	N001	1855		#	-
	umhos/cm	08/18/2014	N001	1622		#	-
	umhos/cm	09/29/2014	N001	1286		#	-
	umhos/cm	10/30/2014	N001	1900		#	-
	umhos/cm	11/18/2014	N001	1576		#	-
	umhos/cm	12/08/2014	N001	1468		#	-
Temperature	C	05/06/2014	N001	12.24		#	-
	C	06/04/2014	N001	10.75			-
	C	07/09/2014	N001	14.38		#	-
	C	08/18/2014	N001	19.67		#	-
	C	09/29/2014	N001	12.04		#	-
	C	10/30/2014	N001	10.06		#	-
	C	11/18/2014	N001	4.37		#	-
	C	12/08/2014	N001	4.99		#	-
Uranium	mg/L	05/06/2014	N001	0.018		#	2.9E-05
	mg/L	05/06/2014	N003	0.0169			0.0002
	mg/L	06/04/2014	N002	0.021		#	2.9E-05
	mg/L	06/04/2014	N003	0.0223			0.0002
	mg/L	07/09/2014	N001	0.038		#	2.9E-05
	mg/L	07/09/2014	N003	0.0383			0.0002
	mg/L	08/18/2014	N001	0.030		#	2.9E-05
	mg/L	08/18/2014	N003	0.0325			0.0002
	mg/L	09/29/2014	N001	0.014		#	2.9E-05
	mg/L	09/29/2014	N003	0.0136			0.0002

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
 LOCATION: 0301 50 yards downstream from Treatment System Outfall
 REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Uranium	mg/L	10/30/2014	N001	0.012			#	2.9E-05	-
	mg/L	10/30/2014	N003	0.0122				0.0002	-
	mg/L	11/18/2014	N005	0.033	E	J	#	2.9E-05	-
	mg/L	11/18/2014	N006	0.0308				0.0002	-
	mg/L	12/08/2014	N005	0.030			#	2.9E-05	-
	mg/L	12/08/2014	N006	0.0298				0.0002	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: 0302 100 yards downstream from Treatment System Outfall
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Alkalinity, Total (As CaCO3)	mg/L	05/06/2014	N001	272			#	-	-
	mg/L	06/04/2014	N001	354				-	-
	mg/L	07/09/2014	N001	286			#	-	-
	mg/L	08/18/2014	N001	287			#	-	-
	mg/L	09/29/2014	N001	249			#	-	-
	mg/L	10/30/2014	0001	354			#	-	-
	mg/L	11/18/2014	N001	322			#	-	-
	mg/L	12/08/2014	N001	300			#	-	-
Dissolved Oxygen	mg/L	05/06/2014	N001	7.80			#	-	-
	mg/L	06/04/2014	N001	9.15				-	-
	mg/L	07/09/2014	N001	3.70			#	-	-
	mg/L	08/18/2014	N001	6.55			#	-	-
	mg/L	09/29/2014	N001	6.19			#	-	-
	mg/L	10/30/2014	N001	10.28			#	-	-
	mg/L	11/18/2014	N001	10.44			#	-	-
	mg/L	12/08/2014	N001	9.22			#	-	-
Iron	mg/L	05/06/2014	N001	0.490			#	0.0049	-
	mg/L	05/06/2014	N003	0.49				0.01	-
	mg/L	06/04/2014	N002	0.100			#	0.0067	-
	mg/L	06/04/2014	N003	0.09				0.01	-
	mg/L	07/09/2014	N001	1.400			#	0.0049	-
	mg/L	07/09/2014	N003	1.4				0.01	-
	mg/L	08/18/2014	N001	0.260			#	0.0049	-
	mg/L	08/18/2014	N003	0.27				0.01	-
	mg/L	09/29/2014	N001	0.450			#	0.0067	-
	mg/L	09/29/2014	N003	0.42				0.01	-
	mg/L	10/30/2014	N001	0.290			#	0.0067	-
	mg/L	10/30/2014	N003	0.27				0.01	-
	mg/L	11/18/2014	N001	0.830			#	0.0067	-
	mg/L	11/18/2014	N003	0.81				0.01	-
	mg/L	12/08/2014	N001	0.790			#	0.0049	-
	mg/L	12/08/2014	N003	0.60				0.01	-
Oxidation Reduction Potential	mV	05/06/2014	N001	59.4			#	-	-
	mV	06/04/2014	N001	203.8				-	-
	mV	07/09/2014	N001	46.8			#	-	-
	mV	08/18/2014	N001	118.1			#	-	-
	mV	09/29/2014	N001	105.5			#	-	-
	mV	10/30/2014	N001	131.2			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: 0302 100 yards downstream from Treatment System Outfall
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Oxidation Reduction Potential	mV	11/18/2014	N001	191.2		#	-
	mV	12/08/2014	N001	242.0		#	-
pH	s.u.	05/06/2014	N001	7.59		#	-
	s.u.	06/04/2014	N001	7.65			-
	s.u.	07/09/2014	N001	7.06		#	-
	s.u.	08/18/2014	N001	7.15		#	-
	s.u.	09/29/2014	N001	7.64		#	-
	s.u.	10/30/2014	N001	7.72		#	-
	s.u.	11/18/2014	N001	7.50		#	-
	s.u.	12/08/2014	N001	7.43		#	-
Specific Conductance	umhos/cm	05/06/2014	N001	1521		#	-
	umhos/cm	06/04/2014	N001	1867			-
	umhos/cm	07/09/2014	N001	1680		#	-
	umhos/cm	08/18/2014	N001	1654		#	-
	umhos/cm	09/29/2014	N001	1249		#	-
	umhos/cm	10/30/2014	N001	1922		#	-
	umhos/cm	11/18/2014	N001	1640		#	-
	umhos/cm	12/08/2014	N001	1473		#	-
Temperature	C	05/06/2014	N001	12.01		#	-
	C	06/04/2014	N001	11.69			-
	C	07/09/2014	N001	15.28		#	-
	C	08/18/2014	N001	21.10		#	-
	C	09/29/2014	N001	12.27		#	-
	C	10/30/2014	N001	7.98		#	-
	C	11/18/2014	N001	4.15		#	-
	C	12/08/2014	N001	4.78		#	-
Uranium	mg/L	05/06/2014	N001	0.019		#	2.9E-05
	mg/L	05/06/2014	N003	0.0164			0.0002
	mg/L	06/04/2014	N002	0.021		#	2.9E-05
	mg/L	06/04/2014	N003	0.0219			0.0002
	mg/L	07/09/2014	N001	0.063		#	2.9E-05
	mg/L	07/09/2014	N003	0.0645			0.0002
	mg/L	08/18/2014	N001	0.037		#	2.9E-05
	mg/L	08/18/2014	N003	0.0388			0.0002
	mg/L	09/29/2014	N001	0.014		#	2.9E-05
	mg/L	09/29/2014	N003	0.0142			0.0002
	mg/L	10/30/2014	N001	0.015		#	2.9E-05

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
 LOCATION: 0302 100 yards downstream from Treatment System Outfall
 REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Uranium	mg/L	10/30/2014	N003	0.0151				0.0002	-
	mg/L	11/18/2014	N001	0.031			#	2.9E-05	-
	mg/L	11/18/2014	N003	0.0307				0.0002	-
	mg/L	12/08/2014	N001	0.029			#	2.9E-05	-
	mg/L	12/08/2014	N003	0.030				0.0002	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: Seep 3
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	10/29/2014	N001	382		# -	-
	mg/L	04/20/2015	0001	266		# -	-
Arsenic	mg/L	10/29/2014	0001	0.00018		# 1.5E-05	-
	mg/L	04/20/2015	0001	0.00015	U	# 0.00015	-
Calcium	mg/L	10/29/2014	0001	400.000		# 0.12	-
	mg/L	04/20/2015	0001	400.000		# 0.12	-
Chloride	mg/L	10/29/2014	0001	260		# 10	-
	mg/L	04/20/2015	0001	320		# 10	-
Dissolved Oxygen	mg/L	04/20/2015	N001	7.13		# -	-
Fluoride	mg/L	10/29/2014	0001	0.56		# 0.5	-
	mg/L	04/20/2015	0001	0.63		# 0.5	-
Iron	mg/L	10/29/2014	0001	0.033	U J	# 0.033	-
	mg/L	04/20/2015	0001	0.033	U	# 0.033	-
Magnesium	mg/L	10/29/2014	0001	120.000		# 0.15	-
	mg/L	04/20/2015	0001	130.000		# 0.15	-
Manganese	mg/L	10/29/2014	0001	0.049		# 0.0012	-
	mg/L	04/20/2015	0001	0.0012	U	# 0.0012	-
Molybdenum	mg/L	10/29/2014	0001	0.0014		# 3.2E-05	-
	mg/L	04/20/2015	0001	0.002	U	# 0.00032	-
Nitrate + Nitrite as Nitrogen	mg/L	10/29/2014	0001	43		# 0.5	-
	mg/L	04/20/2015	0001	42		# 0.5	-
Oxidation Reduction Potential	mV	04/20/2015	N001	110.0		# -	-
pH	s.u.	10/29/2014	N001	6.60		# -	-
	s.u.	04/20/2015	N001	7.80		# -	-
Potassium	mg/L	10/29/2014	0001	7.900		# 0.26	-
	mg/L	04/20/2015	0001	10.000		# 0.26	-
Selenium	mg/L	10/29/2014	0001	0.083		# 3.2E-05	-
	mg/L	04/20/2015	0001	0.100		# 0.00032	-
Sodium	mg/L	10/29/2014	0001	300.000		# 0.23	-
	mg/L	04/20/2015	0001	360.000		# 0.23	-
Specific Conductance	umhos/cm	10/29/2014	N001	3852		# -	-
	umhos/cm	04/20/2015	N001	2188		# -	-
Sulfate	mg/L	10/29/2014	0001	1400		# 25	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
 LOCATION: Seep 3
 REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Sulfate	mg/L	04/20/2015	0001	1500			#	25	-
Temperature	C	10/29/2014	N001	2 .12			#	-	-
	C	04/20/2015	N001	21 .15			#	-	-
Turbidity	NTU	10/29/2014	N001	10 .8			#	-	-
	NTU	04/20/2015	N001	16 .8			#	-	-
Uranium	mg/L	10/29/2014	0001	0 .036			#	2.9E-06	-
	mg/L	04/20/2015	0001	0 .037			#	2.9E-05	-
Vanadium	mg/L	10/29/2014	0001	0 .00001	B	UJ	#	1.5E-05	-
	mg/L	04/20/2015	0001	0 .0012	J	U	#	0.00015	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: Seep 6
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	10/28/2014	N001	400		# -	-
	mg/L	04/20/2015	0001	295		# -	-
Arsenic	mg/L	10/28/2014	0001	0.0015		# 7.4E-05	-
	mg/L	04/20/2015	0001	0.00016	J	# 0.00015	-
Calcium	mg/L	10/28/2014	0001	480.000		# 0.12	-
	mg/L	04/20/2015	0001	380.000		# 0.12	-
Chloride	mg/L	10/28/2014	0001	450		# 10	-
	mg/L	04/20/2015	0001	290		# 10	-
Fluoride	mg/L	10/28/2014	0001	0.62		# 0.5	-
	mg/L	04/20/2015	0001	0.62		# 0.5	-
Iron	mg/L	10/28/2014	0001	0.033	B U	# 0.033	-
	mg/L	04/20/2015	0001	0.150	J	# 0.033	-
Magnesium	mg/L	10/28/2014	0001	210.000		# 0.15	-
	mg/L	04/20/2015	0001	120.000		# 0.15	-
Manganese	mg/L	10/28/2014	0001	0.720		# 0.0012	-
	mg/L	04/20/2015	0001	0.081		# 0.0012	-
Molybdenum	mg/L	10/28/2014	0001	0.016		# 0.00016	-
	mg/L	04/20/2015	0001	0.013		# 0.00032	-
Nitrate + Nitrite as Nitrogen	mg/L	10/28/2014	0001	0.22		# 0.01	-
	mg/L	04/20/2015	0001	3.3		# 0.05	-
pH	s.u.	10/28/2014	N001	7.43		# -	-
	s.u.	04/20/2015	N001	7.75		# -	-
Potassium	mg/L	10/28/2014	0001	6.700		# 0.26	-
	mg/L	04/20/2015	0001	7.900		# 0.26	-
Selenium	mg/L	10/28/2014	0001	0.0077		# 0.00016	-
	mg/L	04/20/2015	0001	0.0027	J	# 0.00032	-
Sodium	mg/L	10/28/2014	0001	600.000		# 0.23	-
	mg/L	04/20/2015	0001	370.000		# 0.23	-
Specific Conductance	umhos/cm	10/28/2014	N001	4961		# -	-
	umhos/cm	04/20/2015	N001	3763		# -	-
Sulfate	mg/L	10/28/2014	0001	2500		# 25	-
	mg/L	04/20/2015	0001	1500		# 25	-
Temperature	C	10/28/2014	N001	10.30		# -	-
	C	04/20/2015	N001	14.31		# -	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
 LOCATION: Seep 6
 REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Turbidity	NTU	10/28/2014	N001	46.4			#	-	-
	NTU	04/20/2015	N001	190			#	-	-
Uranium	mg/L	10/28/2014	0001	5.900			#	1.5E-05	-
	mg/L	04/20/2015	0001	2.400			#	0.00029	-
Vanadium	mg/L	10/28/2014	0001	0.010			#	7.6E-05	-
	mg/L	04/20/2015	0001	0.019			#	0.00015	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: Sorenson
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	10/30/2014	N001	304		# -	-
	mg/L	04/22/2015	N001	262		# -	-
Arsenic	mg/L	10/30/2014	0001	0.0017		# 7.4E-05	-
	mg/L	04/22/2015	0001	0.00031	J	# 0.00015	-
Calcium	mg/L	10/30/2014	0001	220.000		# 0.024	-
	mg/L	04/22/2015	0001	210.000		# 0.024	-
Chloride	mg/L	10/30/2014	0001	76		# 4	-
	mg/L	04/22/2015	0001	87		# 4	-
Fluoride	mg/L	10/30/2014	0001	0.28		# 0.2	-
	mg/L	04/22/2015	0001	0.24		# 0.2	-
Iron	mg/L	10/30/2014	0001	0.0067	B U	# 0.0067	-
	mg/L	04/22/2015	0001	0.043	J	# 0.0067	-
Magnesium	mg/L	10/30/2014	0001	61.000		# 0.03	-
	mg/L	04/22/2015	0001	51.000		# 0.03	-
Manganese	mg/L	10/30/2014	0001	0.140		# 0.00024	-
	mg/L	04/22/2015	0001	0.090		# 0.00024	-
Molybdenum	mg/L	10/30/2014	0001	0.024		# 0.00016	-
	mg/L	04/22/2015	0001	0.016		# 0.00032	-
Nitrate + Nitrite as Nitrogen	mg/L	10/30/2014	0001	0.013		# 0.01	-
	mg/L	04/22/2015	0001	0.01	U	# 0.01	-
pH	s.u.	10/30/2014	N001	7.65		# -	-
	s.u.	04/22/2015	N001	8.12		# -	-
Potassium	mg/L	10/30/2014	0001	6.300		# 0.052	-
	mg/L	04/22/2015	0001	5.400		# 0.052	-
Selenium	mg/L	10/30/2014	0001	0.0079		# 0.00016	-
	mg/L	04/22/2015	0001	0.0072	J	# 0.00032	-
Sodium	mg/L	10/30/2014	0001	130.000		# 0.047	-
	mg/L	04/22/2015	0001	120.000		# 0.047	-
Specific Conductance	umhos/cm	10/30/2014	N001	1907		# -	-
	umhos/cm	04/22/2015	N001	1769		# -	-
Sulfate	mg/L	10/30/2014	0001	730		# 10	-
	mg/L	04/22/2015	0001	620		# 10	-
Temperature	C	10/30/2014	N001	11.32		# -	-
	C	04/22/2015	N001	15.78		# -	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: Sorenson
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Total Dissolved Solids	mg/L	10/30/2014	0001	1400			#	40	-
	mg/L	04/22/2015	0001	1300			#	40	-
Turbidity	NTU	10/30/2014	N001	151			#	-	-
	NTU	04/22/2015	N001	5.24			#	-	-
Uranium	mg/L	10/30/2014	0001	0.300			#	1.5E-05	-
	mg/L	04/22/2015	0001	0.170			#	2.9E-05	-
Vanadium	mg/L	10/30/2014	0001	0.0014	B	J	#	7.6E-05	-
	mg/L	04/22/2015	0001	0.0018	J	U	#	0.00015	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: SW00-02
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	04/21/2015	0001	285		# -	-
Arsenic	mg/L	04/21/2015	0001	0.00015	U	# 0.00015	-
Calcium	mg/L	04/21/2015	0001	210.000		# 0.024	-
Chloride	mg/L	04/21/2015	0001	60		# 2	-
Fluoride	mg/L	04/21/2015	0001	0.18		# 0.1	-
Iron	mg/L	04/21/2015	0001	0.055	J	# 0.0067	-
Magnesium	mg/L	04/21/2015	0001	40.000		# 0.03	-
Manganese	mg/L	04/21/2015	0001	0.077		# 0.00024	-
Molybdenum	mg/L	04/21/2015	0001	0.0025		# 0.00032	-
Nitrate + Nitrite as Nitrogen	mg/L	04/21/2015	0001	0.01	U	# 0.01	-
pH	s.u.	04/21/2015	N001	7.98		# -	-
Potassium	mg/L	04/21/2015	0001	3.100		# 0.052	-
Selenium	mg/L	04/21/2015	0001	0.00071	J J	# 0.00032	-
Sodium	mg/L	04/21/2015	0001	82.000		# 0.047	-
Specific Conductance	umhos/cm	04/21/2015	N001	1557		# -	-
Sulfate	mg/L	04/21/2015	0001	520		# 5	-
Temperature	C	04/21/2015	N001	14.65		# -	-
Total Dissolved Solids	mg/L	04/21/2015	0001	1200		# 40	-
Turbidity	NTU	04/21/2015	N001	2.31		# -	-
Uranium	mg/L	04/21/2015	0001	0.023		# 2.9E-05	-
Vanadium	mg/L	04/21/2015	0001	0.0014	J U	# 0.00015	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: SW00-04

REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	10/30/2014	N001	290		#	-
	mg/L	04/21/2015	0001	249		#	-
Arsenic	mg/L	10/30/2014	0001	0.0015		#	7.4E-05
	mg/L	04/21/2015	0001	0.00015	U	#	0.00015
Calcium	mg/L	10/30/2014	0001	180.000		#	0.024
	mg/L	04/21/2015	0001	190.000		#	0.024
Chloride	mg/L	10/30/2014	0001	68		#	4
	mg/L	04/21/2015	0001	83		#	4
Dissolved Oxygen	mg/L	04/21/2015	N001	8.64		#	-
Fluoride	mg/L	10/30/2014	0001	0.23		#	0.2
	mg/L	04/21/2015	0001	0.23		#	0.2
Iron	mg/L	10/30/2014	0001	0.0067	B UJ	#	0.0067
	mg/L	04/21/2015	0001	0.060	J	#	0.0067
Magnesium	mg/L	10/30/2014	0001	52.000		#	0.03
	mg/L	04/21/2015	0001	51.000		#	0.03
Manganese	mg/L	10/30/2014	0001	0.087		#	0.00024
	mg/L	04/21/2015	0001	0.110		#	0.00024
Molybdenum	mg/L	10/30/2014	0001	0.014		#	0.00016
	mg/L	04/21/2015	0001	0.012		#	0.00032
Nitrate + Nitrite as Nitrogen	mg/L	10/30/2014	0001	0.01	U	#	0.01
	mg/L	04/21/2015	0001	0.01	U	#	0.01
Oxidation Reduction Potential	mV	04/21/2015	N001	126.9		#	-
pH	s.u.	10/30/2014	N001	7.76		#	-
	s.u.	04/21/2015	N001	7.72		#	-
Potassium	mg/L	10/30/2014	0001	6.200		#	0.052
	mg/L	04/21/2015	0001	5.500		#	0.052
Selenium	mg/L	10/30/2014	0001	0.0032		#	0.00016
	mg/L	04/21/2015	0001	0.0042	J	#	0.00032
Sodium	mg/L	10/30/2014	0001	130.000		#	0.047
	mg/L	04/21/2015	0001	130.000		#	0.047
Specific Conductance	umhos/cm	10/30/2014	N001	1691		#	-
	umhos/cm	04/21/2015	N001	1705		#	-
Sulfate	mg/L	10/30/2014	0001	580		#	10

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: SW00-04
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Sulfate	mg/L	04/21/2015	0001	580			#	10	-
Temperature	C	10/30/2014	N001	10.41			#	-	-
	C	04/21/2015	N001	11.07			#	-	-
Turbidity	NTU	10/30/2014	N001	28.3			#	-	-
	NTU	04/21/2015	N001	126			#	-	-
Uranium	mg/L	10/30/2014	0001	0.180			#	1.5E-05	-
	mg/L	04/21/2015	0001	0.120			#	2.9E-05	-
Vanadium	mg/L	10/30/2014	0001	0.0019		J	#	7.6E-05	-
	mg/L	04/21/2015	0001	0.0023	J	J	#	0.00015	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: SW01-01
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	10/29/2014	0001	340		# -	-
	mg/L	04/22/2015	0001	269		# -	-
Arsenic	mg/L	10/29/2014	0001	0.00028		# 1.5E-05	-
	mg/L	04/22/2015	0001	0.00015	U	# 0.00015	-
Calcium	mg/L	10/29/2014	0001	230.000		# 0.024	-
	mg/L	04/22/2015	0001	210.000		# 0.024	-
Chloride	mg/L	10/29/2014	0001	70		# 4	-
	mg/L	04/22/2015	0001	61		# 2	-
Fluoride	mg/L	10/29/2014	0001	0.32		# 0.2	-
	mg/L	04/22/2015	0001	0.18		# 0.1	-
Iron	mg/L	10/29/2014	0001	0.0067	U J	# 0.0067	-
	mg/L	04/22/2015	0001	0.061	J	# 0.0067	-
Magnesium	mg/L	10/29/2014	0001	54.000		# 0.03	-
	mg/L	04/22/2015	0001	42.000		# 0.03	-
Manganese	mg/L	10/29/2014	0001	0.038		# 0.00024	-
	mg/L	04/22/2015	0001	0.013		# 0.00024	-
Molybdenum	mg/L	10/29/2014	0001	0.0056		# 3.2E-05	-
	mg/L	04/22/2015	0001	0.0028		# 0.00032	-
Nitrate + Nitrite as Nitrogen	mg/L	10/29/2014	0001	0.011		# 0.01	-
	mg/L	04/22/2015	0001	0.01	U	# 0.01	-
Oxidation Reduction Potential	mV	10/29/2014	N001	75.7		# -	-
pH	s.u.	10/29/2014	N001	7.82		# -	-
	s.u.	04/22/2015	N001	7.70		# -	-
Potassium	mg/L	10/29/2014	0001	5.200		# 0.052	-
	mg/L	04/22/2015	0001	3.200		# 0.052	-
Selenium	mg/L	10/29/2014	0001	0.00045		# 3.2E-05	-
	mg/L	04/22/2015	0001	0.00081	J J	# 0.00032	-
Sodium	mg/L	10/29/2014	0001	110.000		# 0.047	-
	mg/L	04/22/2015	0001	86.000		# 0.047	-
Specific Conductance	umhos/cm	10/29/2014	N001	1833		# -	-
	umhos/cm	04/22/2015	N001	1468		# -	-
Sulfate	mg/L	10/29/2014	0001	650		# 10	-
	mg/L	04/22/2015	0001	530		# 5	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: SW01-01
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Temperature	C	10/29/2014	N001	9.60			#	-	-
	C	04/22/2015	N001	10.34			#	-	-
Total Dissolved Solids	mg/L	10/29/2014	0001	1400			#	40	-
	mg/L	04/22/2015	0001	1100			#	40	-
Turbidity	NTU	10/29/2014	N001	35.6			#	-	-
	NTU	04/22/2015	N001	4.52			#	-	-
Uranium	mg/L	10/29/2014	0001	0.019			#	2.9E-06	-
	mg/L	04/22/2015	0001	0.027			#	2.9E-05	-
Vanadium	mg/L	10/29/2014	0001	0.0012			#	1.5E-05	-
	mg/L	04/22/2015	0001	0.0042			#	0.00015	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: SW01-02
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	04/21/2015	0001	305		# -	-
Arsenic	mg/L	04/21/2015	0001	0.00015	U	# 0.00015	-
Calcium	mg/L	04/21/2015	0001	230.000		# 0.024	-
Chloride	mg/L	04/21/2015	0001	36		# 2	-
Fluoride	mg/L	04/21/2015	0001	0.17		# 0.1	-
Iron	mg/L	04/21/2015	0001	0.026	J	# 0.0067	-
Magnesium	mg/L	04/21/2015	0001	41.000		# 0.03	-
Manganese	mg/L	04/21/2015	0001	0.066		# 0.00024	-
Molybdenum	mg/L	04/21/2015	0001	0.0024		# 0.00032	-
Nitrate + Nitrite as Nitrogen	mg/L	04/21/2015	0001	0.01	U	# 0.01	-
pH	s.u.	04/21/2015	N001	7.75		# -	-
Potassium	mg/L	04/21/2015	0001	2.900		# 0.052	-
Selenium	mg/L	04/21/2015	0001	0.0016	J	# 0.00032	-
Sodium	mg/L	04/21/2015	0001	73.000		# 0.047	-
Specific Conductance	umhos/cm	04/21/2015	N001	1547		# -	-
Sulfate	mg/L	04/21/2015	0001	540		# 5	-
Temperature	C	04/21/2015	N001	16.10		# -	-
Total Dissolved Solids	mg/L	04/21/2015	0001	1200		# 40	-
Turbidity	NTU	04/21/2015	N001	4.79		# -	-
Uranium	mg/L	04/21/2015	0001	0.0073		# 2.9E-05	-
Vanadium	mg/L	04/21/2015	0001	0.0013	J U	# 0.00015	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: SW01-03
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	10/29/2014	N001	300		#	-
	mg/L	04/20/2015	N001	285		#	-
Arsenic	mg/L	10/29/2014	0001	0.0004		#	1.5E-05
	mg/L	04/20/2015	0001	0.00015	U	#	0.00015
Calcium	mg/L	10/29/2014	0001	180.000		#	0.024
	mg/L	04/20/2015	0001	210.000		#	0.024
Chloride	mg/L	10/29/2014	0001	20		#	2
	mg/L	04/20/2015	0001	59		#	2
Fluoride	mg/L	10/29/2014	0001	0.21		#	0.1
	mg/L	04/20/2015	0001	0.18		#	0.1
Iron	mg/L	10/29/2014	0001	0.0067	B U	#	0.0067
	mg/L	04/20/2015	0001	0.015	J	#	0.0067
Magnesium	mg/L	10/29/2014	0001	36.000		#	0.03
	mg/L	04/20/2015	0001	41.000		#	0.03
Manganese	mg/L	10/29/2014	0001	0.120		#	0.00024
	mg/L	04/20/2015	0001	0.070		#	0.00024
Molybdenum	mg/L	10/29/2014	0001	0.00095		#	3.2E-05
	mg/L	04/20/2015	0001	0.0026		#	0.00032
Nitrate + Nitrite as Nitrogen	mg/L	10/29/2014	0001	0.018		#	0.01
	mg/L	04/20/2015	0001	0.01	U	#	0.01
pH	s.u.	10/29/2014	N001	7.70		#	-
	s.u.	04/20/2015	N001	7.74		#	-
Potassium	mg/L	10/29/2014	0001	3.100		#	0.052
	mg/L	04/20/2015	0001	3.200		#	0.052
Selenium	mg/L	10/29/2014	0001	0.00025		#	3.2E-05
	mg/L	04/20/2015	0001	0.00032	U	#	0.00032
Sodium	mg/L	10/29/2014	0001	57.000		#	0.047
	mg/L	04/20/2015	0001	85.000		#	0.047
Specific Conductance	umhos/cm	10/29/2014	N001	1342		#	-
	umhos/cm	04/20/2015	N001	1556		#	-
Sulfate	mg/L	10/29/2014	0001	410		#	5
	mg/L	04/20/2015	0001	520		#	5
Temperature	C	10/29/2014	N001	5.20		#	-
	C	04/20/2015	N001	13.45		#	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: SW01-03

REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Turbidity	NTU	10/29/2014	N001	17.9			#	-	-
	NTU	04/20/2015	N001	6.61			#	-	-
Uranium	mg/L	10/29/2014	0001	0.021			#	2.9E-06	-
	mg/L	04/20/2015	0001	0.020			#	2.9E-05	-
Vanadium	mg/L	10/29/2014	0001	0.00001	B	UJ	#	1.5E-05	-
	mg/L	04/20/2015	0001	0.0015	J	U	#	0.00015	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: SW92-08
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	10/30/2014	N001	334		# -	-
	mg/L	04/22/2015	N001	301		# -	-
Arsenic	mg/L	10/30/2014	0001	0.0013		# 7.4E-05	-
	mg/L	04/22/2015	0001	0.00026	J	# 0.00015	-
Calcium	mg/L	10/30/2014	0001	180.000		# 0.024	-
	mg/L	04/22/2015	0001	180.000		# 0.024	-
Chloride	mg/L	10/30/2014	0001	73		# 4	-
	mg/L	04/22/2015	0001	80		# 4	-
Fluoride	mg/L	10/30/2014	0001	0.28		# 0.2	-
	mg/L	04/22/2015	0001	0.25		# 0.2	-
Iron	mg/L	10/30/2014	0001	0.0067	B UJ	# 0.0067	-
	mg/L	04/22/2015	0001	0.430		# 0.0067	-
Magnesium	mg/L	10/30/2014	0001	47.000		# 0.03	-
	mg/L	04/22/2015	0001	48.000		# 0.03	-
Manganese	mg/L	10/30/2014	0001	0.180		# 0.00024	-
	mg/L	04/22/2015	0001	0.250		# 0.00024	-
Molybdenum	mg/L	10/30/2014	0001	0.0099		# 0.00016	-
	mg/L	04/22/2015	0001	0.010		# 0.00032	-
Nitrate + Nitrite as Nitrogen	mg/L	10/30/2014	0001	0.016		# 0.01	-
	mg/L	04/22/2015	0001	0.01	U	# 0.01	-
pH	s.u.	10/30/2014	N001	8.09		# -	-
	s.u.	04/22/2015	N001	8.23		# -	-
Potassium	mg/L	10/30/2014	0001	5.600		# 0.052	-
	mg/L	04/22/2015	0001	5.500		# 0.052	-
Selenium	mg/L	10/30/2014	0001	0.00084		# 0.00016	-
	mg/L	04/22/2015	0001	0.0031	J	# 0.00032	-
Sodium	mg/L	10/30/2014	0001	130.000		# 0.047	-
	mg/L	04/22/2015	0001	130.000		# 0.047	-
Specific Conductance	umhos/cm	10/30/2014	N001	1671		# -	-
	umhos/cm	04/22/2015	N001	1672		# -	-
Sulfate	mg/L	10/30/2014	0001	520		# 10	-
	mg/L	04/22/2015	0001	540		# 10	-
Temperature	C	10/30/2014	N001	7.42		# -	-
	C	04/22/2015	N001	9.15		# -	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: SW92-08
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Turbidity	NTU	10/30/2014	N001	30.6			#	-	-
	NTU	04/22/2015	N001	9.80			#	-	-
Uranium	mg/L	10/30/2014	0001	0.120			#	1.5E-05	-
	mg/L	04/22/2015	0001	0.100			#	2.9E-05	-
Vanadium	mg/L	10/30/2014	0001	0.0012	B	J	#	7.6E-05	-
	mg/L	04/22/2015	0001	0.0036		J	#	0.00015	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: SW94-01
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	10/30/2014	N001	356		# -	-
	mg/L	04/22/2015	0001	259		# -	-
Arsenic	mg/L	10/30/2014	0001	0.0015	J	# 7.4E-05	-
	mg/L	10/30/2014	0002	0.0014	J	# 0.00015	-
	mg/L	04/22/2015	0001	0.00028	J	# 0.00015	-
Calcium	mg/L	10/30/2014	0001	190.000		# 0.024	-
	mg/L	10/30/2014	0002	200.000		# 0.024	-
	mg/L	04/22/2015	0001	190.000		# 0.024	-
Chloride	mg/L	10/30/2014	0001	79		# 4	-
	mg/L	10/30/2014	0002	78		# 4	-
	mg/L	04/22/2015	0001	85		# 4	-
Fluoride	mg/L	10/30/2014	0001	0.3		# 0.2	-
	mg/L	10/30/2014	0002	0.3		# 0.2	-
	mg/L	04/22/2015	0001	0.26		# 0.2	-
Iron	mg/L	10/30/2014	0001	0.0067	B UJ	# 0.0067	-
	mg/L	10/30/2014	0002	0.0067	B U	# 0.0067	-
	mg/L	04/22/2015	0001	0.053	J	# 0.0067	-
Magnesium	mg/L	10/30/2014	0001	47.000		# 0.03	-
	mg/L	10/30/2014	0002	47.000		# 0.03	-
	mg/L	04/22/2015	0001	48.000		# 0.03	-
Manganese	mg/L	10/30/2014	0001	0.049		# 0.00024	-
	mg/L	10/30/2014	0002	0.049		# 0.00024	-
	mg/L	04/22/2015	0001	0.067		# 0.00024	-
Molybdenum	mg/L	10/30/2014	0001	0.011		# 0.00016	-
	mg/L	10/30/2014	0002	0.012		# 0.00032	-
	mg/L	04/22/2015	0001	0.011		# 0.00032	-
Nitrate + Nitrite as Nitrogen	mg/L	10/30/2014	0001	0.01	U	# 0.01	-
	mg/L	10/30/2014	0002	0.01	U	# 0.01	-
	mg/L	04/22/2015	0001	0.01	U	# 0.01	-
pH	s.u.	10/30/2014	N001	7.69		# -	-
	s.u.	04/22/2015	N001	8.18		# -	-
Potassium	mg/L	10/30/2014	0001	5.600		# 0.052	-
	mg/L	10/30/2014	0002	5.600		# 0.052	-
	mg/L	04/22/2015	0001	5.400		# 0.052	-
Selenium	mg/L	10/30/2014	0001	0.00059		# 0.00016	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: SW94-01
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Selenium	mg/L	10/30/2014	0002	0.0012			#	0.00032	-
	mg/L	04/22/2015	0001	0.0012		J	#	0.00032	-
Sodium	mg/L	10/30/2014	0001	130.000			#	0.047	-
	mg/L	10/30/2014	0002	120.000			#	0.047	-
	mg/L	04/22/2015	0001	140.000			#	0.047	-
Specific Conductance	umhos/cm	10/30/2014	N001	1738			#	-	-
	umhos/cm	04/22/2015	N001	1692			#	-	-
Sulfate	mg/L	10/30/2014	0001	550			#	10	-
	mg/L	10/30/2014	0002	540			#	10	-
	mg/L	04/22/2015	0001	550			#	10	-
Temperature	C	10/30/2014	N001	10.56			#	-	-
	C	04/22/2015	N001	10.80			#	-	-
Turbidity	NTU	10/30/2014	N001	6.00			#	-	-
	NTU	04/22/2015	N001	8.20			#	-	-
Uranium	mg/L	10/30/2014	0001	0.140			#	1.5E-05	-
	mg/L	10/30/2014	0002	0.150			#	2.9E-05	-
	mg/L	04/22/2015	0001	0.120			#	2.9E-05	-
Vanadium	mg/L	10/30/2014	0001	0.0021			#	7.6E-05	-
	mg/L	10/30/2014	0002	0.0022	B		#	0.00015	-
	mg/L	04/22/2015	0001	0.0041		J	#	0.00015	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: W3-03
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	04/21/2015	0001	265		# -	-
Arsenic	mg/L	04/21/2015	0001	0.0013		# 0.00015	-
Calcium	mg/L	04/21/2015	0001	250.000		# 0.024	-
Chloride	mg/L	04/21/2015	0001	130		# 4	-
Fluoride	mg/L	04/21/2015	0001	0.24		# 0.2	-
Iron	mg/L	04/21/2015	0001	0.098	J	# 0.0067	-
Magnesium	mg/L	04/21/2015	0001	66.000		# 0.03	-
Manganese	mg/L	04/21/2015	0001	0.120		# 0.00024	-
Molybdenum	mg/L	04/21/2015	0001	0.0046		# 0.00032	-
Nitrate + Nitrite as Nitrogen	mg/L	04/21/2015	0001	0.011		# 0.01	-
pH	s.u.	04/21/2015	N001	7.58		# -	-
Potassium	mg/L	04/21/2015	0001	8.500		# 0.052	-
Selenium	mg/L	04/21/2015	0001	0.00032	U	# 0.00032	-
Sodium	mg/L	04/21/2015	0001	150.000		# 0.047	-
Specific Conductance	umhos/cm	04/21/2015	N001	2096		# -	-
Sulfate	mg/L	04/21/2015	0001	760		# 10	-
Temperature	C	04/21/2015	N001	18.17		# -	-
Turbidity	NTU	04/21/2015	N001	119		# -	-
Uranium	mg/L	04/21/2015	0001	0.061		# 2.9E-05	-
Vanadium	mg/L	04/21/2015	0001	0.0028	J J	# 0.00015	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: W3-04
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	04/21/2015	0001	275		# -	-
Arsenic	mg/L	04/21/2015	0001	0.00015	U	# 0.00015	-
	mg/L	04/21/2015	0002	0.00015	U	# 0.00015	-
Calcium	mg/L	04/21/2015	0001	220.000		# 0.024	-
	mg/L	04/21/2015	0002	210.000		# 0.024	-
Chloride	mg/L	04/21/2015	0001	60		# 4	-
	mg/L	04/21/2015	0002	60		# 2	-
Fluoride	mg/L	04/21/2015	0001	0.2	U	# 0.2	-
	mg/L	04/21/2015	0002	0.17		# 0.1	-
Iron	mg/L	04/21/2015	0001	0.043	J U	# 0.0067	-
	mg/L	04/21/2015	0002	0.044	J U	# 0.0067	-
Magnesium	mg/L	04/21/2015	0001	42.000		# 0.03	-
	mg/L	04/21/2015	0002	41.000		# 0.03	-
Manganese	mg/L	04/21/2015	0001	0.070		# 0.00024	-
	mg/L	04/21/2015	0002	0.068		# 0.00024	-
Molybdenum	mg/L	04/21/2015	0001	0.0026		# 0.00032	-
	mg/L	04/21/2015	0002	0.0026	U	# 0.00032	-
Nitrate + Nitrite as Nitrogen	mg/L	04/21/2015	0001	0.01	U	# 0.01	-
	mg/L	04/21/2015	0002	0.01	U	# 0.01	-
pH	s.u.	04/21/2015	N001	7.94		# -	-
Potassium	mg/L	04/21/2015	0001	3.000		# 0.052	-
	mg/L	04/21/2015	0002	3.000		# 0.052	-
Selenium	mg/L	04/21/2015	0001	0.00059	J U	# 0.00032	-
	mg/L	04/21/2015	0002	0.0015	J	# 0.00032	-
Sodium	mg/L	04/21/2015	0001	84.000		# 0.047	-
	mg/L	04/21/2015	0002	77.000		# 0.047	-
Specific Conductance	umhos/cm	04/21/2015	N001	1560		# -	-
Sulfate	mg/L	04/21/2015	0001	520		# 10	-
	mg/L	04/21/2015	0002	520		# 5	-
Temperature	C	04/21/2015	N001	14.05		# -	-
Turbidity	NTU	04/21/2015	N001	6.83		# -	-
Uranium	mg/L	04/21/2015	0001	0.021		# 2.9E-05	-
	mg/L	04/21/2015	0002	0.021		# 2.9E-05	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
 LOCATION: W3-04
 REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Vanadium	mg/L	04/21/2015	0001	0.0011	J	J	#	0.00015	-
	mg/L	04/21/2015	0002	0.0013	J	J	#	0.00015	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE MNT01, Monticello Disposal & Process Sites
LOCATION: W3-04
REPORT DATE: 9/30/2015 12:41 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
RECORDS: SELECTED FROM USEE102 WHERE site_code='MNT01' AND location_code in('0301','0302','Seep 1','Seep 2','Seep 3','Seep 6','Sorenson','SW00-02','SW00-04','SW01-01','SW01-02','SW01-03','SW92-08','SW94-01','W3-03','W3-04') AND (data_validation_qualifiers IS NULL OR data_validation_qualifiers NOT LIKE '%R%' AND data_validation_qualifiers NOT LIKE '%X%') AND cas in('ALKALINITY','07440-38-2','07440-70-2','CHLORIDE','07782-44-7','16984-48-8','07439-89-6','07439-95-4','07439-96-5','07439-98-7','NO3+NO2 AS N','E-10195WB','ORP','PH','07440-09-7','07782-49-2','07440-23-5','EC','SULFATE','TMP','TDS','TURBIDITY','07440-61-1','07440-62-2') AND DATE_SAMPLED between #5/1/2014# and #4/30/2015#							
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 compound (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 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 2014 Through April 2015

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STATIC WATER LEVELS (USEE700) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:52 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
			DATE	TIME			
95-03	D	6704.78	10/30/2014	15:40	2.60	6702.18	
		6704.78	04/22/2015	14:43	2.09	6702.69	
95-04	D	6706.24	10/30/2014	10:52	3.30	6702.94	
		6706.24	04/22/2015	14:44	2.77	6703.47	
95-06	D	6824.91	10/29/2014	14:16	74.51	6750.40	
		6824.91	04/22/2015	14:03	73.09	6751.82	
		6824.91	04/22/2015	16:03	73.13	6751.78	
95-07	C	6883.34	10/27/2014	17:03	70.29	6813.05	
		6883.34	04/20/2015	17:51	70.27	6813.07	
		6883.34	04/22/2015	16:04	70.35	6812.99	
95-08	D	6841.51	10/29/2014	17:16	128.99	6712.52	
		6841.51	04/20/2015	19:03	128.29	6713.22	
MW00-01	U	6882.77	10/28/2014	11:40	12.77	6870.00	
		6882.77	04/21/2015	12:10	11.46	6871.31	
MW00-02	U	6883.26	10/28/2014	09:39	10.79	6872.47	
		6883.26	04/21/2015	12:26	8.91	6874.35	
MW00-03	O	6853.15	10/28/2014	17:37	10.96	6842.19	
		6853.15	04/21/2015	13:02	11.01	6842.14	
MW00-06	D	6793.14	10/30/2014	10:35	16.46	6776.68	
		6793.14	04/22/2015	11:00	15.78	6777.36	
P92-02	D	6737.02	10/29/2014	16:30	12.89	6724.13	
		6737.02	04/22/2015	14:14	12.03	6724.99	
		6737.02	04/22/2015	15:01	12.03	6724.99	
P92-06	D	6774.73	10/30/2014	16:15	11.56	6763.17	
		6774.73	04/22/2015	09:05	10.91	6763.82	
PW-10	D	6813.94	10/29/2014	12:15		-	B
		6813.94	04/21/2015	16:10		-	B
PW-14	D	6800.44	10/29/2014	11:22		-	D
		6800.44	04/21/2015	11:55	17.80	6782.64	
		6800.44	04/21/2015	11:58	17.80	6782.64	
PW-16	D	6796.72	10/29/2014	08:55	14.11	6782.61	
		6796.72	04/21/2015	11:53	12.47	6784.25	
PW-17	D	6817.35	07/02/2014	11:35	32.82	6784.53	
		6817.35	08/14/2014	09:20		-	B

STATIC WATER LEVELS (USEE700) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:52 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
			DATE	TIME			
PW-17	D	6817.35	09/25/2014	11:20	32.80	-9999.00	B
		6817.35	10/29/2014	13:50		-	
		6817.35	04/21/2015	15:21	32.80	6784.55	
PW-18	D	6799.73	10/31/2014	07:59	10.28	6789.45	
		6799.73	04/20/2015	14:24	8.26	6791.47	
PW-20	D	6799.57	10/31/2014	07:59	13.54	6786.03	
		6799.57	04/20/2015	14:30	11.77	6787.80	
PW-22	D	6797.45	10/31/2014	08:10	12.09	6785.36	
		6797.45	04/20/2015	14:40	10.42	6787.03	
PW-23	D	6809.15	10/29/2014	12:19	23.80	6785.35	
PW-28	D	6799.93	10/31/2014	09:00	10.66	6789.27	
		6799.93	04/22/2015	09:50	8.42	6791.51	
PW99-16	D	6799.76	10/31/2014	08:10	13.89	6785.87	
		6799.76	04/20/2015	14:35	11.92	6787.84	
R10-M1	D	6795.11	10/28/2014	15:30	13.99	6781.12	
		6795.11	04/22/2015	11:15	13.25	6781.86	
R11-M1	D	6794.79	10/29/2014	09:05	13.57	6781.22	
		6794.79	04/22/2015	08:52	12.90	6781.89	
R1-M1	D	6797.77	10/29/2014	09:05	7.88	6789.89	
		6797.77	04/21/2015	11:45	5.12	6792.65	
R1-M3	D	6795.91	10/28/2014	13:05	5.97	6789.94	
		6795.91	04/21/2015	10:20	3.08	6792.83	
R1-M4	D	6795.85	10/28/2014	14:40	6.16	6789.69	
		6795.85	04/21/2015	09:50	3.14	6792.71	
R1-M6	D	6798.16	10/29/2014	09:33	8.49	6789.67	
		6798.16	04/20/2015	14:56	5.57	6792.59	
R2-M4	D	6795.84	10/28/2014	16:59	6.06	6789.78	
		6795.84	04/20/2015	18:29	3.13	6792.71	
R2-M7	D	6795.80	10/28/2014	16:43	6.15	6789.65	
		6795.80	04/20/2015	17:13	3.11	6792.69	
R3-M3	D	6795.76	10/28/2014	14:11	6.10	6789.66	
		6795.76	04/21/2015	09:35	3.09	6792.67	
R4-M3	D	6795.76	10/28/2014	15:56	9.88	6785.88	

STATIC WATER LEVELS (USEE700) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 9/30/2015 12:52 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
			DATE	TIME			
R4-M3	D	6795.76	04/21/2015	17:45	9.00	6786.76	
R4-M6	D	6795.71	10/28/2014	16:24	9.83	6785.88	
		6795.71	04/21/2015	17:10	8.88	6786.83	
R6-M2	D	6796.18	10/29/2014	09:13	10.32	6785.86	
		6796.18	04/20/2015	18:50	9.50	6786.68	
R6-M3	D	6795.71	10/28/2014	16:07	11.09	6784.62	
		6795.71	04/22/2015	10:08	10.23	6785.48	
R6-M4	D	6795.53	10/28/2014	16:39	11.54	6783.99	
		6795.53	04/21/2015	16:45	9.86	6785.67	
R6-M5	D	6795.54	10/29/2014	09:28	10.73	6784.81	
		6795.54	04/20/2015	15:02	9.91	6785.63	
R6-M6	D	6797.22	10/29/2014	09:41	12.27	6784.95	
		6797.22	04/21/2015	11:22	11.28	6785.94	
R7-M1	D	6796.00	10/28/2014	17:11	12.97	6783.03	
		6796.00	04/20/2015	19:09	11.83	6784.17	
R8-M1	D	6795.60	10/28/2014	17:09	-	-	D
		6795.60	04/20/2015	19:10	12.54	6783.06	
R9-M1	D	6795.21	10/28/2014	17:06	13.86	6781.35	
		6795.21	04/20/2015	19:11	12.98	6782.23	
T00-01	O	6806.52	10/29/2014	15:15	10.20	6796.32	
T00-04	O	6804.31	10/29/2014	11:30	-	-	D
		6804.31	04/21/2015	15:46	6.47	6797.84	
T01-01	O	6806.09	04/21/2015	13:16	8.46	6797.63	
		6806.09	04/21/2015	15:20	7.69	6798.40	
T01-02	O	6807.66	10/29/2014	12:40	9.43	6798.23	
		6807.66	04/21/2015	17:25	9.19	6798.47	
T01-04	O	6814.15	10/29/2014	13:05	14.65	6799.50	
		6814.15	04/21/2015	17:55	14.47	6799.68	
T01-05	O	6822.21	10/29/2014	13:35	21.01	6801.20	
		6822.21	04/21/2015	18:35	20.79	6801.42	
T01-06	O	6828.41	10/29/2014	12:00	-	-	D
		6828.41	04/21/2015	16:02	24.39	6804.02	
T01-07	O	6823.29	10/28/2014	16:40	19.87	6803.42	

STATIC WATER LEVELS (USEE700) FOR SITE MNT01, Monticello Disposal & Process Sites
 REPORT DATE: 9/30/2015 12:52 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
			DATE	TIME			
T01-07	O	6823.29	04/21/2015	19:00	19.81	6803.48	
T01-08	O	6808.11	10/28/2014	15:38		-	D
		6808.11	04/21/2015	15:55	6.42	6801.69	
T01-09	O	6832.80	10/28/2014	09:39		-	D
		6832.80	04/20/2015	16:47		-	
T01-10	O	6817.45	10/28/2014	12:21		-	D
		6817.45	04/21/2015	13:11	7.87	6809.58	
T01-12	O	6844.34	10/29/2014	10:20	21.60	6822.74	
		6844.34	04/20/2015	18:30	21.34	6823.00	
T01-13	O	6829.67	10/28/2014	14:40	7.54	6822.13	
		6829.67	04/21/2015	12:57	7.21	6822.46	
T01-18	O	6860.49	10/28/2014	14:00	17.66	6842.83	
		6860.49	04/20/2015	16:35	17.49	6843.00	
T01-19	O	6848.64	10/29/2014	09:30	6.75	6841.89	
		6848.64	04/21/2015	14:45	6.78	6841.86	
T01-20	O	6845.40	10/28/2014	17:05	11.60	6833.80	
		6845.40	04/21/2015	12:53	10.78	6834.62	
T01-23	O	6858.89	10/29/2014	09:05	7.62	6851.27	
		6858.89	04/20/2015	16:29	6.66	6852.23	
T01-24	O	6858.83	10/28/2014	17:37	6.47	6852.36	
		6858.83	04/20/2015	16:31	5.26	6853.57	
T01-25	O	6856.33	10/30/2014	11:10	8.51	6847.82	
		6856.33	04/21/2015	12:49	6.67	6849.66	
T01-26	O	6878.24	10/28/2014	14:56	18.20	6860.04	
		6878.24	04/21/2015	11:05	14.99	6863.25	
T01-27	O	6864.71	10/28/2014	12:17	2.05	6862.66	
		6864.71	04/21/2015	12:44	1.04	6863.67	
T01-28	O	6869.20	10/28/2014	11:25	4.28	6864.92	
		6869.20	04/21/2015	12:32	4.25	6864.95	
T01-35	O	6824.26	10/28/2014	09:25	12.45	6811.81	
		6824.26	04/20/2015	17:40	12.34	6811.92	
T6-D	D	6795.66	10/28/2014	16:51	11.96	6783.70	
		6795.66	04/20/2015	18:07	11.39	6784.27	

STATIC WATER LEVELS (USEE700) FOR SITE MNT01, Monticello Disposal & Process Sites
 REPORT DATE: 9/30/2015 12:52 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
			DATE	TIME			
RECORDS: SELECTED FROM USEE700 WHERE site_code='MNT01' AND location_code in('95-03','95-04','95-06','95-07','95-08','MW00-01','MW00-02','MW00-03','MW00-06','MW00-07','P92-02','P92-06','PW-10','PW-14','PW-16','PW-17','PW-18','PW-20','PW-22','PW-23','PW-28','PW99-16','R10-M1','R11-M1','R1-M1','R1-M3','R1-M4','R1-M6','R2-M4','R2-M7','R3-M3','R4-M3','R4-M6','R6-M2','R6-M3','R6-M4','R6-M5','R6-M6','R7-M1','R8-M1','R9-M1','T00-01','T00-04','T01-01','T01-02','T01-04','T01-05','T01-06','T01-07','T01-08','T01-09','T01-10','T01-12','T01-13','T01-18','T01-19','T01-20','T01-23','T01-24','T01-25','T01-26','T01-27','T01-28','T01-35','T6-D') AND LOG_DATE between #5/1/2014# and #4/30/2015#							
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			

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Appendix F

Area of Attainment Analytical Results for Groundwater Samples, July 2014 Through April 2015

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GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-01 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO ₃)	mg/L	07/03/2014	N001	3.30 - 8.30	352	FQ #	-	-
	mg/L	03/31/2015	N001	3.30 - 8.30	203	FQ #	-	-
	mg/L	05/18/2015	0001	3.30 - 8.30	222	FQ #	-	-
Arsenic	mg/L	07/03/2014	0001	3.30 - 8.30	0.001	FQ #	1.5E-05	-
Calcium	mg/L	07/03/2014	0001	3.30 - 8.30	340.000	FQ #	0.012	-
	mg/L	08/14/2014	0003	3.30 - 8.30	330		0.01	-
	mg/L	09/24/2014	0001	3.30 - 8.30	340.000	FQ #	0.012	-
	mg/L	03/31/2015	0001	3.30 - 8.30	240.000	FQ #	0.024	-
	mg/L	05/18/2015	0001	3.30 - 8.30	240.000	FQJ #	0.035	-
Chloride	mg/L	07/03/2014	0001	3.30 - 8.30	57	FQ #	5	-
	mg/L	03/31/2015	0001	3.30 - 8.30	63	FQ #	4	-
	mg/L	05/18/2015	0001	3.30 - 8.30	59	B FQ #	0.25	-
Dissolved Oxygen	mg/L	07/03/2014	N001	3.30 - 8.30	0	FQ #	-	-
	mg/L	03/31/2015	N001	3.30 - 8.30	3.13	FQ #	-	-
	mg/L	05/18/2015	N001	3.30 - 8.30	2.18	FQ #	-	-
Fluoride	mg/L	07/03/2014	0001	3.30 - 8.30	0.35	FQ #	0.2	-
Iron	mg/L	07/03/2014	0001	3.30 - 8.30	0.250	FQ #	0.0049	-
Magnesium	mg/L	07/03/2014	0001	3.30 - 8.30	70.000	FQ #	0.013	-
	mg/L	08/14/2014	0003	3.30 - 8.30	80		0.05	-
	mg/L	09/24/2014	0001	3.30 - 8.30	77.000	FQ #	0.013	-
	mg/L	03/31/2015	0001	3.30 - 8.30	53.000	FQ #	0.03	-
	mg/L	05/18/2015	0001	3.30 - 8.30	57.000	FQJ #	0.011	-
Manganese	mg/L	07/03/2014	0001	3.30 - 8.30	3.900	FQ #	0.00011	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-01 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Molybdenum	mg/L	07/03/2014	0001	3.30 - 8.30	0.087	FQ #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/03/2014	0001	3.30 - 8.30	0.059	FQ #	0.01	-
	mg/L	03/31/2015	0001	3.30 - 8.30	0.66	FQ #	0.01	-
	mg/L	05/18/2015	0001	3.30 - 8.30	0.70	FQ #	0.019	-
Oxidation Reduction Potential	mV	07/03/2014	N001	3.30 - 8.30	62.6	FQ #	-	-
	mV	03/31/2015	N001	3.30 - 8.30	59.6	FQ #	-	-
	mV	05/18/2015	N001	3.30 - 8.30	197.9	FQ #	-	-
pH	s.u.	07/03/2014	N001	3.30 - 8.30	7.13	FQ #	-	-
	s.u.	03/31/2015	N001	3.30 - 8.30	7.17	FQ #	-	-
	s.u.	05/18/2015	N001	3.30 - 8.30	7.09	FQ #	-	-
Potassium	mg/L	07/03/2014	0001	3.30 - 8.30	7.800	FQ #	0.11	-
	mg/L	08/14/2014	0003	3.30 - 8.30	6.2		0.1	-
	mg/L	09/24/2014	0001	3.30 - 8.30	8.600	FQ #	0.11	-
	mg/L	03/31/2015	0001	3.30 - 8.30	3.900	FQ #	0.052	-
	mg/L	05/18/2015	0001	3.30 - 8.30	4.100	FQ #	0.24	-
Selenium	mg/L	07/03/2014	0001	3.30 - 8.30	0.00057	FQ #	3.2E-05	-
Sodium	mg/L	07/03/2014	0001	3.30 - 8.30	260.000	FQ #	0.033	-
	mg/L	08/14/2014	0003	3.30 - 8.30	310		0.1	-
	mg/L	09/24/2014	0001	3.30 - 8.30	280.000	FQ #	0.066	-
	mg/L	03/31/2015	0001	3.30 - 8.30	150.000	FQ #	0.047	-
	mg/L	05/18/2015	0001	3.30 - 8.30	180.000	FQJ #	0.092	-
Specific Conductance	umhos/c	07/03/2014	N001	3.30 - 8.30	1384	FQ #	-	-
	umhos/c	03/31/2015	N001	3.30 - 8.30	2313	FQ #	-	-
	umhos/c	05/18/2015	N001	3.30 - 8.30	2458	FQ #	-	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-01 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Sulfate	mg/L	07/03/2014	0001	3.30 - 8.30	1300	FQ #	12	-
	mg/L	03/31/2015	0001	3.30 - 8.30	1100	FQ #	10	-
	mg/L	05/18/2015	0001	3.30 - 8.30	900	FQ #	2.3	-
Temperature	C	07/03/2014	N001	3.30 - 8.30	21.84	FQ #	-	-
	C	03/31/2015	N001	3.30 - 8.30	12.91	FQ #	-	-
	C	05/18/2015	N001	3.30 - 8.30	14.57	FQ #	-	-
Total Dissolved Solids	mg/L	07/03/2014	0001	3.30 - 8.30	2200	FQ #	80	-
Turbidity	NTU	07/03/2014	N001	3.30 - 8.30	304	FQ #	-	-
	NTU	09/24/2014	N001	3.30 - 8.30	80.5	FQ #	-	-
	NTU	03/31/2015	N001	3.30 - 8.30	103	FQ #	-	-
	NTU	05/18/2015	N001	3.30 - 8.30	83.2	FQ #	-	-
Uranium	mg/L	07/03/2014	0001	3.30 - 8.30	0.600	FQ #	1.5E-05	-
	mg/L	08/14/2014	0003	3.30 - 8.30	0.679		0.0002	-
	mg/L	09/24/2014	0001	3.30 - 8.30	0.670	FQ #	0.00015	-
	mg/L	03/31/2015	0001	3.30 - 8.30	0.630	FQ #	2.9E-05	-
	mg/L	05/18/2015	0001	3.30 - 8.30	0.650	FQ #	0.00005	-
Vanadium	mg/L	07/03/2014	0001	3.30 - 8.30	0.003	FQ #	1.5E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-03 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	07/02/2014	N001	6.60 - 11.60	335	F #	-	-
	mg/L	08/13/2014	N001	6.60 - 11.60	289		-	-
	mg/L	09/24/2014	N001	6.60 - 11.60	284	F #	-	-
	mg/L	03/31/2015	N001	6.60 - 11.60	260	F #	-	-
	mg/L	05/18/2015	N001	6.60 - 11.60	291	F #	-	-
Arsenic	mg/L	07/02/2014	N001	6.60 - 11.60	0.0013	F #	7.4E-05	-
Calcium	mg/L	07/02/2014	N001	6.60 - 11.60	270.000	F #	0.012	-
	mg/L	08/13/2014	N003	6.60 - 11.60	270		0.01	-
	mg/L	09/24/2014	N001	6.60 - 11.60	270.000	F #	0.012	-
	mg/L	03/31/2015	N001	6.60 - 11.60	230.000	F #	0.024	-
	mg/L	05/18/2015	N001	6.60 - 11.60	200.000	F #	0.035	-
Chloride	mg/L	07/02/2014	N001	6.60 - 11.60	39	F #	4	-
	mg/L	08/13/2014	N003	6.60 - 11.60	45		0.5	-
	mg/L	09/24/2014	N001	6.60 - 11.60	39	F #	4	-
	mg/L	03/31/2015	N001	6.60 - 11.60	100	F #	4	-
	mg/L	05/18/2015	N001	6.60 - 11.60	54	B F #	0.25	-
Dissolved Oxygen	mg/L	08/13/2014	N001	6.60 - 11.60	1.65		-	-
	mg/L	03/31/2015	N001	6.60 - 11.60	4.34	F #	-	-
	mg/L	05/18/2015	N001	6.60 - 11.60	2.35	F #	-	-
Fluoride	mg/L	07/02/2014	N001	6.60 - 11.60	0.46	F #	0.2	-
Iron	mg/L	07/02/2014	N001	6.60 - 11.60	0.330	F #	0.0049	-
Magnesium	mg/L	07/02/2014	N001	6.60 - 11.60	50.000	F #	0.013	-
	mg/L	08/13/2014	N003	6.60 - 11.60	56		0.05	-
	mg/L	09/24/2014	N001	6.60 - 11.60	50.000	F #	0.013	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-03 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Magnesium	mg/L	03/31/2015	N001	6.60 - 11.60	47.000	F #	0.03	-
	mg/L	05/18/2015	N001	6.60 - 11.60	41.000	F #	0.011	-
Manganese	mg/L	07/02/2014	N001	6.60 - 11.60	0.450	F #	0.00011	-
Molybdenum	mg/L	07/02/2014	N001	6.60 - 11.60	0.120	F #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/02/2014	N001	6.60 - 11.60	0.2	F #	0.01	-
	mg/L	09/24/2014	N001	6.60 - 11.60	0.32	F #	0.01	-
	mg/L	03/31/2015	N001	6.60 - 11.60	0.17	F #	0.01	-
	mg/L	05/18/2015	N001	6.60 - 11.60	0.072	F #	0.019	-
Oxidation Reduction Potential	mV	07/02/2014	N001	6.60 - 11.60	77.2	F #	-	-
	mV	08/13/2014	N001	6.60 - 11.60	109.1		-	-
	mV	09/24/2014	N001	6.60 - 11.60	249.1	F #	-	-
	mV	03/31/2015	N001	6.60 - 11.60	121.3	F #	-	-
	mV	05/18/2015	N001	6.60 - 11.60	137.8	F #	-	-
pH	s.u.	07/02/2014	N001	6.60 - 11.60	7.19	F #	-	-
	s.u.	08/13/2014	N001	6.60 - 11.60	6.84		-	-
	s.u.	09/24/2014	N001	6.60 - 11.60	6.99	F #	-	-
	s.u.	03/31/2015	N001	6.60 - 11.60	7.27	F #	-	-
	s.u.	05/18/2015	N001	6.60 - 11.60	7.25	F #	-	-
Potassium	mg/L	07/02/2014	N001	6.60 - 11.60	7.300	F #	0.11	-
	mg/L	08/13/2014	N003	6.60 - 11.60	7.5		0.1	-
	mg/L	09/24/2014	N001	6.60 - 11.60	8.500	F #	0.11	-
	mg/L	03/31/2015	N001	6.60 - 11.60	4.800	F #	0.052	-
	mg/L	05/18/2015	N001	6.60 - 11.60	4.600	F #	0.24	-
Selenium	mg/L	07/02/2014	N001	6.60 - 11.60	0.0098	F #	0.00016	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-03 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Sodium	mg/L	07/02/2014	N001	6.60 - 11.60	84.000	F #	0.0066	-
	mg/L	08/13/2014	N003	6.60 - 11.60	100		0.1	-
	mg/L	09/24/2014	N001	6.60 - 11.60	90.000	F #	0.0066	-
	mg/L	03/31/2015	N001	6.60 - 11.60	85.000	F #	0.047	-
	mg/L	05/18/2015	N001	6.60 - 11.60	83.000	F #	0.092	-
Specific Conductance	umhos/c	07/02/2014	N001	6.60 - 11.60	1678	F #	-	-
	umhos/c	08/13/2014	N001	6.60 - 11.60	1795		-	-
	umhos/c	09/24/2014	N001	6.60 - 11.60	1753	F #	-	-
	umhos/c	03/31/2015	N001	6.60 - 11.60	1664	F #	-	-
	umhos/c	05/18/2015	N001	6.60 - 11.60	1508	F #	-	-
Sulfate	mg/L	07/02/2014	N001	6.60 - 11.60	640	F #	10	-
	mg/L	08/13/2014	N003	6.60 - 11.60	693		0.5	-
	mg/L	09/24/2014	N001	6.60 - 11.60	650	F #	10	-
	mg/L	03/31/2015	N001	6.60 - 11.60	540	F #	10	-
	mg/L	05/18/2015	N001	6.60 - 11.60	440	F #	1.2	-
Temperature	C	07/02/2014	N001	6.60 - 11.60	12.75	F #	-	-
	C	08/13/2014	N001	6.60 - 11.60	15.96		-	-
	C	09/24/2014	N001	6.60 - 11.60	15.53	F #	-	-
	C	03/31/2015	N001	6.60 - 11.60	10.43	F #	-	-
	C	05/18/2015	N001	6.60 - 11.60	10.01	F #	-	-
Total Dissolved Solids	mg/L	07/02/2014	N001	6.60 - 11.60	1400	F #	40	-
	mg/L	08/13/2014	N003	6.60 - 11.60	1400		5	-
	mg/L	09/24/2014	N001	6.60 - 11.60	1400	F #	40	-
Turbidity	NTU	07/02/2014	N001	6.60 - 11.60	9.75	F #	-	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-03 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Turbidity	NTU	08/13/2014	N001	6.60 - 11.60	6.68		-	-
	NTU	09/24/2014	N001	6.60 - 11.60	8.38	F #	-	-
	NTU	03/31/2015	N001	6.60 - 11.60	5.83	F #	-	-
	NTU	05/18/2015	N001	6.60 - 11.60	8.31	F #	-	-
Uranium	mg/L	07/02/2014	N001	6.60 - 11.60	0.450	F #	1.5E-05	-
	mg/L	08/13/2014	N003	6.60 - 11.60	0.620		0.0002	-
	mg/L	09/24/2014	N001	6.60 - 11.60	0.490	F #	0.00015	-
	mg/L	03/31/2015	N001	6.60 - 11.60	0.410	F #	2.9E-05	-
	mg/L	05/18/2015	N001	6.60 - 11.60	0.320	F #	0.00005	-
Vanadium	mg/L	07/02/2014	N001	6.60 - 11.60	0.024	F #	7.6E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-04 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	07/01/2014	N001	5.60 - 10.60	274	F #	-	-
	mg/L	08/13/2014	N001	5.60 - 10.60	342		-	-
	mg/L	09/24/2014	N001	5.60 - 10.60	177	F #	-	-
	mg/L	03/31/2015	N001	5.60 - 10.60	235	F #	-	-
	mg/L	05/18/2015	N001	5.60 - 10.60	274	F #	-	-
Arsenic	mg/L	07/01/2014	N001	5.60 - 10.60	0.0004	F #	1.5E-05	-
Calcium	mg/L	07/01/2014	N001	5.60 - 10.60	250.000	F #	0.012	-
	mg/L	08/13/2014	0003	5.60 - 10.60	260		0.01	-
	mg/L	09/24/2014	N001	5.60 - 10.60	260.000	F #	0.012	-
	mg/L	03/31/2015	N001	5.60 - 10.60	210.000	F #	0.024	-
	mg/L	05/18/2015	N001	5.60 - 10.60	190.000	F #	0.035	-
Chloride	mg/L	07/01/2014	N001	5.60 - 10.60	42	FJ #	4	-
	mg/L	08/13/2014	0003	5.60 - 10.60	45		0.5	-
	mg/L	09/24/2014	N001	5.60 - 10.60	45	F #	4	-
	mg/L	03/31/2015	N001	5.60 - 10.60	100	F #	4	-
	mg/L	05/18/2015	N001	5.60 - 10.60	64	B F #	0.25	-
Dissolved Oxygen	mg/L	08/13/2014	N001	5.60 - 10.60	2.69		-	-
	mg/L	03/31/2015	N001	5.60 - 10.60	4.54	F #	-	-
	mg/L	05/18/2015	N001	5.60 - 10.60	3.69	F #	-	-
Fluoride	mg/L	07/01/2014	N001	5.60 - 10.60	0.64	F #	0.2	-
Iron	mg/L	07/01/2014	N001	5.60 - 10.60	0.200	F #	0.0049	-
Magnesium	mg/L	07/01/2014	N001	5.60 - 10.60	56.000	F #	0.013	-
	mg/L	08/13/2014	0003	5.60 - 10.60	63		0.05	-
	mg/L	09/24/2014	N001	5.60 - 10.60	59.000	F #	0.013	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-04 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Magnesium	mg/L	03/31/2015	N001	5.60 - 10.60	51.000	F #	0.03	-
	mg/L	05/18/2015	N001	5.60 - 10.60	46.000	F #	0.011	-
Manganese	mg/L	07/01/2014	N001	5.60 - 10.60	0.014	F #	0.00011	-
Molybdenum	mg/L	07/01/2014	N001	5.60 - 10.60	0.310	F #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/01/2014	N001	5.60 - 10.60	0.57	F #	0.01	-
	mg/L	09/24/2014	N001	5.60 - 10.60	0.16	F #	0.01	-
	mg/L	03/31/2015	N001	5.60 - 10.60	0.5	F #	0.01	-
	mg/L	05/18/2015	N001	5.60 - 10.60	0.35	F #	0.019	-
Oxidation Reduction Potential	mV	07/01/2014	N001	5.60 - 10.60	95.6	F #	-	-
	mV	08/13/2014	N001	5.60 - 10.60	189.0		-	-
	mV	03/31/2015	N001	5.60 - 10.60	148.9	F #	-	-
	mV	05/18/2015	N001	5.60 - 10.60	144.1	F #	-	-
pH	s.u.	07/01/2014	N001	5.60 - 10.60	7.11	F #	-	-
	s.u.	08/13/2014	N001	5.60 - 10.60	6.82		-	-
	s.u.	09/24/2014	N001	5.60 - 10.60	6.95	F #	-	-
	s.u.	03/31/2015	N001	5.60 - 10.60	7.14	F #	-	-
	s.u.	05/18/2015	N001	5.60 - 10.60	7.05	F #	-	-
Potassium	mg/L	07/01/2014	N001	5.60 - 10.60	8.300	F #	0.11	-
	mg/L	08/13/2014	0003	5.60 - 10.60	7.6		0.1	-
	mg/L	09/24/2014	N001	5.60 - 10.60	9.700	F #	0.11	-
	mg/L	03/31/2015	N001	5.60 - 10.60	6.000	F #	0.052	-
	mg/L	05/18/2015	N001	5.60 - 10.60	5.600	F #	0.24	-
Selenium	mg/L	07/01/2014	N001	5.60 - 10.60	0.027	F #	3.2E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-04 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Sodium	mg/L	07/01/2014	N001	5.60 - 10.60	93.000	F #	0.0066	-
	mg/L	08/13/2014	0003	5.60 - 10.60	100		0.1	-
	mg/L	09/24/2014	N001	5.60 - 10.60	100.000	F #	0.0066	-
	mg/L	03/31/2015	N001	5.60 - 10.60	91.000	F #	0.047	-
	mg/L	05/18/2015	N001	5.60 - 10.60	93.000	F #	0.092	-
Specific Conductance	umhos/c	07/01/2014	N001	5.60 - 10.60	1640	F #	-	-
	umhos/c	08/13/2014	N001	5.60 - 10.60	1826		-	-
	umhos/c	09/24/2014	N001	5.60 - 10.60	1851	F #	-	-
	umhos/c	03/31/2015	N001	5.60 - 10.60	1652	F #	-	-
	umhos/c	05/18/2015	N001	5.60 - 10.60	1566	F #	-	-
Sulfate	mg/L	07/01/2014	N001	5.60 - 10.60	650	FJ #	10	-
	mg/L	08/13/2014	0003	5.60 - 10.60	702		0.5	-
	mg/L	09/24/2014	N001	5.60 - 10.60	710	F #	10	-
	mg/L	03/31/2015	N001	5.60 - 10.60	550	F #	10	-
	mg/L	05/18/2015	N001	5.60 - 10.60	470	F #	1.2	-
Temperature	C	07/01/2014	N001	5.60 - 10.60	13.71	F #	-	-
	C	08/13/2014	N001	5.60 - 10.60	19.11		-	-
	C	09/24/2014	N001	5.60 - 10.60	15.72	F #	-	-
	C	03/31/2015	N001	5.60 - 10.60	10.25	F #	-	-
	C	05/18/2015	N001	5.60 - 10.60	10.88	F #	-	-
Total Dissolved Solids	mg/L	07/01/2014	N001	5.60 - 10.60	1400	FJ #	40	-
	mg/L	08/13/2014	0003	5.60 - 10.60	1460		5	-
	mg/L	09/24/2014	N001	5.60 - 10.60	1500	F #	40	-
Turbidity	NTU	07/01/2014	N001	5.60 - 10.60	4.46	F #	-	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-04 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Turbidity	NTU	08/13/2014	N001	5.60 - 10.60	56.3		-	-
	NTU	09/24/2014	N001	5.60 - 10.60	4.62	F #	-	-
	NTU	03/31/2015	N001	5.60 - 10.60	2.02	F #	-	-
	NTU	05/18/2015	N001	5.60 - 10.60	6.78	F #	-	-
Uranium	mg/L	07/01/2014	N001	5.60 - 10.60	1.100	F #	1.5E-05	-
	mg/L	08/13/2014	0003	5.60 - 10.60	1.202		0.0002	-
	mg/L	09/24/2014	N001	5.60 - 10.60	1.200	F #	0.00015	-
	mg/L	03/31/2015	N001	5.60 - 10.60	0.860	F #	2.9E-05	-
	mg/L	05/18/2015	N001	5.60 - 10.60	0.910	F #	0.00005	-
Vanadium	mg/L	07/01/2014	N001	5.60 - 10.60	0.0064	F #	1.5E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-05 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	07/02/2014	N001	8.45 - 13.45	116	FQ #	-	-
	mg/L	03/31/2015	N001	8.45 - 13.45	318	FQ #	-	-
	mg/L	05/18/2015	0001	8.45 - 13.45	328	FQ #	-	-
Arsenic	mg/L	07/02/2014	0001	8.45 - 13.45	0.00075	FQ #	1.5E-05	-
Calcium	mg/L	07/02/2014	0001	8.45 - 13.45	340.000	FQ #	0.012	-
	mg/L	08/14/2014	0003	8.45 - 13.45	310		0.01	-
	mg/L	09/24/2014	0001	8.45 - 13.45	310.000	FQ #	0.012	-
	mg/L	03/31/2015	N001	8.45 - 13.45	290.000	FQ #	0.024	-
	mg/L	05/18/2015	0001	8.45 - 13.45	270.000	FQ #	0.035	-
Chloride	mg/L	07/02/2014	0001	8.45 - 13.45	89	FQ #	1	-
	mg/L	09/24/2014	0001	8.45 - 13.45	91	FQ #	5	-
	mg/L	03/31/2015	N001	8.45 - 13.45	81	FQ #	5	-
	mg/L	05/18/2015	0001	8.45 - 13.45	79	B FQ #	0.25	-
Dissolved Oxygen	mg/L	08/14/2014	N001	8.45 - 13.45	4.51		-	-
	mg/L	03/31/2015	N001	8.45 - 13.45	3.45	FQ #	-	-
	mg/L	05/18/2015	N001	8.45 - 13.45	1.97	FQ #	-	-
Fluoride	mg/L	07/02/2014	0001	8.45 - 13.45	0.5	U FQ #	0.5	-
Iron	mg/L	07/02/2014	0001	8.45 - 13.45	1.100	FQ #	0.0049	-
Magnesium	mg/L	07/02/2014	0001	8.45 - 13.45	82.000	FQ #	0.013	-
	mg/L	08/14/2014	0003	8.45 - 13.45	87		0.05	-
	mg/L	09/24/2014	0001	8.45 - 13.45	80.000	FQ #	0.013	-
	mg/L	03/31/2015	N001	8.45 - 13.45	81.000	FQ #	0.03	-
	mg/L	05/18/2015	0001	8.45 - 13.45	73.000	FQ #	0.011	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-05 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Manganese	mg/L	07/02/2014	0001	8.45 - 13.45	2.100	FQ #	0.00011	-
Molybdenum	mg/L	07/02/2014	0001	8.45 - 13.45	0.077	FQ #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/02/2014	0001	8.45 - 13.45	0.016	FQ #	0.01	-
	mg/L	09/24/2014	0001	8.45 - 13.45	0.12	FQ #	0.01	-
	mg/L	03/31/2015	N001	8.45 - 13.45	0.24	FQ #	0.01	-
	mg/L	05/18/2015	0001	8.45 - 13.45	0.18	FQ #	0.019	-
Oxidation Reduction Potential	mV	07/02/2014	N001	8.45 - 13.45	80.3	FQ #	-	-
	mV	08/14/2014	N001	8.45 - 13.45	71.1		-	-
	mV	03/31/2015	N001	8.45 - 13.45	162.3	FQ #	-	-
	mV	05/18/2015	N001	8.45 - 13.45	148.6	FQ #	-	-
pH	s.u.	07/02/2014	N001	8.45 - 13.45	7.12	FQ #	-	-
	s.u.	08/14/2014	N001	8.45 - 13.45	6.96		-	-
	s.u.	03/31/2015	N001	8.45 - 13.45	7.22	FQ #	-	-
	s.u.	05/18/2015	N001	8.45 - 13.45	7.09	FQ #	-	-
Potassium	mg/L	07/02/2014	0001	8.45 - 13.45	7.200	FQ #	0.11	-
	mg/L	08/14/2014	0003	8.45 - 13.45	5.3		0.1	-
	mg/L	09/24/2014	0001	8.45 - 13.45	6.400	FQ #	0.11	-
	mg/L	03/31/2015	N001	8.45 - 13.45	3.400	FQ #	0.052	-
	mg/L	05/18/2015	0001	8.45 - 13.45	2.900	J FQ #	0.24	-
Selenium	mg/L	07/02/2014	0001	8.45 - 13.45	0.0021	FQ #	3.2E-05	-
Sodium	mg/L	07/02/2014	0001	8.45 - 13.45	400.000	FQ #	0.033	-
	mg/L	08/14/2014	0003	8.45 - 13.45	430		0.1	-
	mg/L	09/24/2014	0001	8.45 - 13.45	380.000	FQ #	0.066	-
	mg/L	03/31/2015	N001	8.45 - 13.45	380.000	FQ #	0.047	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-05 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Sodium	mg/L	05/18/2015	0001	8.45 - 13.45	420.000	FQ #	0.092	-
Specific Conductance	umhos/c	07/02/2014	N001	8.45 - 13.45	3008	FQ #	-	-
	umhos/c	08/14/2014	N001	8.45 - 13.45	447		-	-
	umhos/c	03/31/2015	N001	8.45 - 13.45	3244	FQ #	-	-
	umhos/c	05/18/2015	N001	8.45 - 13.45	3095	FQ #	-	-
Sulfate	mg/L	07/02/2014	0001	8.45 - 13.45	1500	FQ #	25	-
	mg/L	09/24/2014	0001	8.45 - 13.45	1600	FQ #	12	-
	mg/L	03/31/2015	N001	8.45 - 13.45	1600	FQ #	12	-
	mg/L	05/18/2015	0001	8.45 - 13.45	1200	FQ #	4.6	-
Temperature	C	07/02/2014	N001	8.45 - 13.45	17.64	FQ #	-	-
	C	08/14/2014	N001	8.45 - 13.45	18.06		-	-
	C	03/31/2015	N001	8.45 - 13.45	17.56	FQ #	-	-
	C	05/18/2015	N001	8.45 - 13.45	12.32	FQ #	-	-
Total Dissolved Solids	mg/L	07/02/2014	0001	8.45 - 13.45	2700	FQ #	80	-
	mg/L	09/24/2014	0001	8.45 - 13.45	2700	FQ #	40	-
Turbidity	NTU	07/02/2014	N001	8.45 - 13.45	382	FQ #	-	-
	NTU	08/14/2014	N001	8.45 - 13.45	1000		-	-
	NTU	09/24/2014	N001	8.45 - 13.45	184	FQ #	-	-
	NTU	03/31/2015	N001	8.45 - 13.45	7.64	FQ #	-	-
	NTU	05/18/2015	N001	8.45 - 13.45	31.3	FQ #	-	-
Uranium	mg/L	07/02/2014	0001	8.45 - 13.45	0.160	FQ #	1.5E-05	-
	mg/L	08/14/2014	0003	8.45 - 13.45	0		0.0002	-
	mg/L	09/24/2014	0001	8.45 - 13.45	0.230	FQ #	0.00015	-
	mg/L	03/31/2015	N001	8.45 - 13.45	0.270	FQ #	2.9E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-05 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Uranium	mg/L	05/18/2015	0001	8.45 - 13.45	0.250	FQ #	0.00005	-
Vanadium	mg/L	07/02/2014	0001	8.45 - 13.45	0.0015	FQ #	1.5E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-06 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	07/02/2014	N001	9.50 - 14.50	308	F #	-	-
	mg/L	08/14/2014	N001	9.50 - 14.50	4.81		-	-
	mg/L	09/24/2014	N001	9.50 - 14.50	302	F #	-	-
	mg/L	04/01/2015	N001	9.50 - 14.50	288	F #	-	-
	mg/L	05/18/2015	N001	9.50 - 14.50	301	F #	-	-
Arsenic	mg/L	07/02/2014	N001	9.50 - 14.50	0.013	F #	7.4E-05	-
Calcium	mg/L	07/02/2014	N001	9.50 - 14.50	310.000	F #	0.012	-
	mg/L	08/14/2014	N003	9.50 - 14.50	290		0.01	-
	mg/L	09/24/2014	N001	9.50 - 14.50	300.000	F #	0.012	-
	mg/L	04/01/2015	N001	9.50 - 14.50	240.000	F #	0.024	-
	mg/L	05/18/2015	N001	9.50 - 14.50	220.000	F #	0.035	-
Chloride	mg/L	07/02/2014	N001	9.50 - 14.50	48	F #	4	-
	mg/L	08/14/2014	N003	9.50 - 14.50	52		0.5	-
	mg/L	09/24/2014	N001	9.50 - 14.50	48	F #	4	-
	mg/L	04/01/2015	N001	9.50 - 14.50	78	F #	4	-
	mg/L	05/18/2015	N001	9.50 - 14.50	69	B F #	0.25	-
Dissolved Oxygen	mg/L	08/14/2014	N001	9.50 - 14.50	0.39		-	-
	mg/L	04/01/2015	N001	9.50 - 14.50	0.71	F #	-	-
	mg/L	05/18/2015	N001	9.50 - 14.50	0.32	F #	-	-
Fluoride	mg/L	07/02/2014	N001	9.50 - 14.50	0.47	F #	0.2	-
Iron	mg/L	07/02/2014	N001	9.50 - 14.50	0.250	F #	0.0049	-
Magnesium	mg/L	07/02/2014	N001	9.50 - 14.50	58.000	F #	0.013	-
	mg/L	08/14/2014	N003	9.50 - 14.50	62		0.05	-
	mg/L	09/24/2014	N001	9.50 - 14.50	58.000	F #	0.013	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-06 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Magnesium	mg/L	04/01/2015	N001	9.50 - 14.50	51.000	F #	0.03	-
	mg/L	05/18/2015	N001	9.50 - 14.50	49.000	F #	0.011	-
Manganese	mg/L	07/02/2014	N001	9.50 - 14.50	1.700	F #	0.00011	-
Molybdenum	mg/L	07/02/2014	N001	9.50 - 14.50	0.099	F #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/02/2014	N001	9.50 - 14.50	0.01	U F #	0.01	-
	mg/L	09/24/2014	N001	9.50 - 14.50	0.01	U F #	0.01	-
	mg/L	04/01/2015	N001	9.50 - 14.50	0.058	F #	0.01	-
	mg/L	05/18/2015	N001	9.50 - 14.50	0.019	U F #	0.019	-
Oxidation Reduction Potential	mV	07/02/2014	N001	9.50 - 14.50	49.9	F #	-	-
	mV	08/14/2014	N001	9.50 - 14.50	72.6		-	-
	mV	09/24/2014	N001	9.50 - 14.50	90.3	F #	-	-
	mV	04/01/2015	N001	9.50 - 14.50	273.1	F #	-	-
	mV	05/18/2015	N001	9.50 - 14.50	136.8	F #	-	-
pH	s.u.	07/02/2014	N001	9.50 - 14.50	7.07	F #	-	-
	s.u.	08/14/2014	N001	9.50 - 14.50	6.76		-	-
	s.u.	09/24/2014	N001	9.50 - 14.50	6.91	F #	-	-
	s.u.	04/01/2015	N001	9.50 - 14.50	6.89	F #	-	-
	s.u.	05/18/2015	N001	9.50 - 14.50	6.85	F #	-	-
Potassium	mg/L	07/02/2014	N001	9.50 - 14.50	16.000	F #	0.11	-
	mg/L	08/14/2014	N003	9.50 - 14.50	14		0.1	-
	mg/L	09/24/2014	N001	9.50 - 14.50	17.000	F #	0.11	-
	mg/L	04/01/2015	N001	9.50 - 14.50	14.000	F #	0.052	-
	mg/L	05/18/2015	N001	9.50 - 14.50	14.000	F #	0.24	-
Selenium	mg/L	07/02/2014	N001	9.50 - 14.50	0.0046	F #	0.00016	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-06 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Sodium	mg/L	07/02/2014	N001	9.50 - 14.50	92.000	F #	0.0066	-
	mg/L	08/14/2014	N003	9.50 - 14.50	99		0.1	-
	mg/L	09/24/2014	N001	9.50 - 14.50	92.000	F #	0.0066	-
	mg/L	04/01/2015	N001	9.50 - 14.50	95.000	F #	0.047	-
	mg/L	05/18/2015	N001	9.50 - 14.50	100.000	F #	0.092	-
Specific Conductance	umhos/c	07/02/2014	N001	9.50 - 14.50	1809	F #	-	-
	umhos/c	08/14/2014	N001	9.50 - 14.50	1929		-	-
	umhos/c	09/24/2014	N001	9.50 - 14.50	1886	F #	-	-
	umhos/c	04/01/2015	N001	9.50 - 14.50	1762	F #	-	-
	umhos/c	05/18/2015	N001	9.50 - 14.50	1765	F #	-	-
Sulfate	mg/L	07/02/2014	N001	9.50 - 14.50	740	F #	10	-
	mg/L	08/14/2014	N003	9.50 - 14.50	777		0.5	-
	mg/L	09/24/2014	N001	9.50 - 14.50	760	F #	10	-
	mg/L	04/01/2015	N001	9.50 - 14.50	630	F #	10	-
	mg/L	05/18/2015	N001	9.50 - 14.50	580	F #	1.2	-
Temperature	C	07/02/2014	N001	9.50 - 14.50	12.97	F #	-	-
	C	08/14/2014	N001	9.50 - 14.50	14.99		-	-
	C	09/24/2014	N001	9.50 - 14.50	15.00	F #	-	-
	C	04/01/2015	N001	9.50 - 14.50	9.88	F #	-	-
	C	05/18/2015	N001	9.50 - 14.50	9.97	F #	-	-
Total Dissolved Solids	mg/L	07/02/2014	N001	9.50 - 14.50	1600	F #	40	-
	mg/L	08/14/2014	N003	9.50 - 14.50	1550		5	-
	mg/L	09/24/2014	N001	9.50 - 14.50	1600	F #	40	-
Turbidity	NTU	07/02/2014	N001	9.50 - 14.50	7.26	F #	-	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-06 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Turbidity	NTU	08/14/2014	N001	9.50 - 14.50	1.32		-	-
	NTU	09/24/2014	N001	9.50 - 14.50	7.44	F #	-	-
	NTU	04/01/2015	N001	9.50 - 14.50	3.72	F #	-	-
	NTU	05/18/2015	N001	9.50 - 14.50	7.31	F #	-	-
Uranium	mg/L	07/02/2014	N001	9.50 - 14.50	0.780	F #	1.5E-05	-
	mg/L	08/14/2014	N003	9.50 - 14.50	0.815		0.0002	-
	mg/L	09/24/2014	N001	9.50 - 14.50	0.780	F #	0.00015	-
	mg/L	04/01/2015	N001	9.50 - 14.50	0.770	F #	2.9E-05	-
	mg/L	05/18/2015	N001	9.50 - 14.50	0.850	F #	0.00005	-
Vanadium	mg/L	07/02/2014	N001	9.50 - 14.50	0.220	F #	7.6E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-07 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	07/02/2014	N001	10.20 - 15.20	285	F #	-	-
	mg/L	08/13/2014	N001	10.20 - 15.20	81		-	-
	mg/L	09/24/2014	N001	10.20 - 15.20	303	F #	-	-
	mg/L	04/01/2015	N001	10.20 - 15.20	245	F #	-	-
	mg/L	05/18/2015	N001	10.20 - 15.20	291	F #	-	-
Arsenic	mg/L	07/02/2014	N001	10.20 - 15.20	0.0056	F #	7.4E-05	-
Calcium	mg/L	07/02/2014	N001	10.20 - 15.20	290.000	F #	0.012	-
	mg/L	08/13/2014	N003	10.20 - 15.20	280		0.01	-
	mg/L	09/24/2014	N001	10.20 - 15.20	280.000	F #	0.012	-
	mg/L	04/01/2015	N001	10.20 - 15.20	230.000	F #	0.024	-
	mg/L	05/18/2015	N001	10.20 - 15.20	220.000	F #	0.035	-
Chloride	mg/L	07/02/2014	N001	10.20 - 15.20	45	F #	4	-
	mg/L	08/13/2014	N003	10.20 - 15.20	46		0.5	-
	mg/L	09/24/2014	N001	10.20 - 15.20	47	F #	4	-
	mg/L	04/01/2015	N001	10.20 - 15.20	93	F #	4	-
	mg/L	05/18/2015	N001	10.20 - 15.20	66	B F #	0.25	-
Dissolved Oxygen	mg/L	08/13/2014	N001	10.20 - 15.20	0.50		-	-
	mg/L	04/01/2015	N001	10.20 - 15.20	0.48	F #	-	-
	mg/L	05/18/2015	N001	10.20 - 15.20	0.32	F #	-	-
Fluoride	mg/L	07/02/2014	N001	10.20 - 15.20	0.52	F #	0.2	-
Iron	mg/L	07/02/2014	N001	10.20 - 15.20	0.400	F #	0.0049	-
Magnesium	mg/L	07/02/2014	N001	10.20 - 15.20	55.000	F #	0.013	-
	mg/L	08/13/2014	N003	10.20 - 15.20	61		0.05	-
	mg/L	09/24/2014	N001	10.20 - 15.20	57.000	F #	0.013	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-07 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Magnesium	mg/L	04/01/2015	N001	10.20 - 15.20	48.000	F #	0.03	-
	mg/L	05/18/2015	N001	10.20 - 15.20	45.000	F #	0.011	-
Manganese	mg/L	07/02/2014	N001	10.20 - 15.20	0.940	F #	0.00011	-
Molybdenum	mg/L	07/02/2014	N001	10.20 - 15.20	0.120	F #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/02/2014	N001	10.20 - 15.20	0.027	F #	0.01	-
	mg/L	09/24/2014	N001	10.20 - 15.20	0.016	F #	0.01	-
	mg/L	04/01/2015	N001	10.20 - 15.20	0.3	F #	0.01	-
	mg/L	05/18/2015	N001	10.20 - 15.20	0.12	F #	0.019	-
Oxidation Reduction Potential	mV	07/02/2014	N001	10.20 - 15.20	-5.4	F #	-	-
	mV	08/13/2014	N001	10.20 - 15.20	49.8		-	-
	mV	09/24/2014	N001	10.20 - 15.20	88.4	F #	-	-
	mV	04/01/2015	N001	10.20 - 15.20	257.0	F #	-	-
	mV	05/18/2015	N001	10.20 - 15.20	149.9	F #	-	-
pH	s.u.	07/02/2014	N001	10.20 - 15.20	7.05	F #	-	-
	s.u.	08/13/2014	N001	10.20 - 15.20	6.77		-	-
	s.u.	09/24/2014	N001	10.20 - 15.20	6.93	F #	-	-
	s.u.	04/01/2015	N001	10.20 - 15.20	7.00	F #	-	-
	s.u.	05/18/2015	N001	10.20 - 15.20	6.87	F #	-	-
Potassium	mg/L	07/02/2014	N001	10.20 - 15.20	13.000	F #	0.11	-
	mg/L	08/13/2014	N003	10.20 - 15.20	11		0.1	-
	mg/L	09/24/2014	N001	10.20 - 15.20	14.000	F #	0.11	-
	mg/L	04/01/2015	N001	10.20 - 15.20	10.000	F #	0.052	-
	mg/L	05/18/2015	N001	10.20 - 15.20	10.000	F #	0.24	-
Selenium	mg/L	07/02/2014	N001	10.20 - 15.20	0.011	F #	0.00016	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-07 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Sodium	mg/L	07/02/2014	N001	10.20 - 15.20	91.000	F #	0.0066	-
	mg/L	08/13/2014	N003	10.20 - 15.20	97		0.1	-
	mg/L	09/24/2014	N001	10.20 - 15.20	92.000	F #	0.0066	-
	mg/L	04/01/2015	N001	10.20 - 15.20	84.000	F #	0.047	-
	mg/L	05/18/2015	N001	10.20 - 15.20	90.000	F #	0.092	-
Specific Conductance	umhos/c	07/02/2014	N001	10.20 - 15.20	1695	F #	-	-
	umhos/c	08/13/2014	N001	10.20 - 15.20	1844		-	-
	umhos/c	09/24/2014	N001	10.20 - 15.20	1857	F #	-	-
	umhos/c	04/01/2015	N001	10.20 - 15.20	1685	F #	-	-
	umhos/c	05/18/2015	N001	10.20 - 15.20	1645	F #	-	-
Sulfate	mg/L	07/02/2014	N001	10.20 - 15.20	690	F #	10	-
	mg/L	08/13/2014	N003	10.20 - 15.20	714		0.5	-
	mg/L	09/24/2014	N001	10.20 - 15.20	730	F #	10	-
	mg/L	04/01/2015	N001	10.20 - 15.20	570	F #	10	-
	mg/L	05/18/2015	N001	10.20 - 15.20	520	F #	1.2	-
Temperature	C	07/02/2014	N001	10.20 - 15.20	14.31	F #	-	-
	C	08/13/2014	N001	10.20 - 15.20	14.80		-	-
	C	09/24/2014	N001	10.20 - 15.20	14.44	F #	-	-
	C	04/01/2015	N001	10.20 - 15.20	7.30	F #	-	-
	C	05/18/2015	N001	10.20 - 15.20	10.26	F #	-	-
Total Dissolved Solids	mg/L	07/02/2014	N001	10.20 - 15.20	1400	F #	40	-
	mg/L	08/13/2014	N003	10.20 - 15.20	1470		5	-
	mg/L	09/24/2014	N001	10.20 - 15.20	1500	F #	40	-
Turbidity	NTU	07/02/2014	N001	10.20 - 15.20	8.69	F #	-	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-07 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Turbidity	NTU	08/13/2014	N001	10.20 - 15.20	2.89		-	-
	NTU	09/24/2014	N001	10.20 - 15.20	9.91	F #	-	-
	NTU	04/01/2015	N001	10.20 - 15.20	5.82	F #	-	-
	NTU	05/18/2015	N001	10.20 - 15.20	9.43	F #	-	-
Uranium	mg/L	07/02/2014	N001	10.20 - 15.20	0.920	F #	1.5E-05	-
	mg/L	08/13/2014	N003	10.20 - 15.20	0.943		0.0002	-
	mg/L	09/24/2014	N001	10.20 - 15.20	0.990	F #	0.00015	-
	mg/L	04/01/2015	N001	10.20 - 15.20	0.660	F #	2.9E-05	-
	mg/L	05/18/2015	N001	10.20 - 15.20	0.730	F #	0.00005	-
Vanadium	mg/L	07/02/2014	N001	10.20 - 15.20	0.062	F #	7.6E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-08 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	07/01/2014	N001	10.55 - 15.55	274	F #	-	-
	mg/L	08/14/2014	N001	10.55 - 15.55	177		-	-
	mg/L	09/24/2014	N001	10.55 - 15.55	274	F #	-	-
	mg/L	04/01/2015	N001	10.55 - 15.55	245	F #	-	-
	mg/L	05/18/2015	N001	10.55 - 15.55	261	F #	-	-
Arsenic	mg/L	07/01/2014	N001	10.55 - 15.55	0.00035	F #	1.5E-05	-
Calcium	mg/L	07/01/2014	N001	10.55 - 15.55	260.000	F #	0.012	-
	mg/L	08/14/2014	N003	10.55 - 15.55	250		0.01	-
	mg/L	08/14/2014	N004	10.55 - 15.55	250		0.01	-
	mg/L	09/24/2014	N001	10.55 - 15.55	240.000	F #	0.012	-
	mg/L	04/01/2015	N001	10.55 - 15.55	200.000	F #	0.024	-
	mg/L	05/18/2015	N001	10.55 - 15.55	190.000	F #	0.035	-
Chloride	mg/L	07/01/2014	N001	10.55 - 15.55	57	F #	4	-
	mg/L	08/14/2014	N003	10.55 - 15.55	62		0.5	-
	mg/L	08/14/2014	N004	10.55 - 15.55	61		0.5	-
	mg/L	09/24/2014	N001	10.55 - 15.55	50	F #	4	-
	mg/L	04/01/2015	N001	10.55 - 15.55	81	F #	4	-
	mg/L	05/18/2015	N001	10.55 - 15.55	76	B F #	0.25	-
Dissolved Oxygen	mg/L	04/01/2015	N001	10.55 - 15.55	1.84	F #	-	-
	mg/L	05/18/2015	N001	10.55 - 15.55	0.70	F #	-	-
Fluoride	mg/L	07/01/2014	N001	10.55 - 15.55	0.4	F #	0.2	-
Iron	mg/L	07/01/2014	N001	10.55 - 15.55	0.190	F #	0.0049	-
Magnesium	mg/L	07/01/2014	N001	10.55 - 15.55	64.000	F #	0.013	-
	mg/L	08/14/2014	N003	10.55 - 15.55	68		0.05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-08 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Magnesium	mg/L	08/14/2014	N004	10.55 - 15.55	69		0.05	-
	mg/L	09/24/2014	N001	10.55 - 15.55	61.000	F #	0.013	-
	mg/L	04/01/2015	N001	10.55 - 15.55	57.000	F #	0.03	-
	mg/L	05/18/2015	N001	10.55 - 15.55	53.000	F #	0.011	-
Manganese	mg/L	07/01/2014	N001	10.55 - 15.55	0.670	F #	0.00011	-
Molybdenum	mg/L	07/01/2014	N001	10.55 - 15.55	0.097	F #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/01/2014	N001	10.55 - 15.55	1	F #	0.01	-
	mg/L	09/24/2014	N001	10.55 - 15.55	1.2	F #	0.01	-
	mg/L	04/01/2015	N001	10.55 - 15.55	1.3	F #	0.01	-
	mg/L	05/18/2015	N001	10.55 - 15.55	0.97	F #	0.019	-
Oxidation Reduction Potential	mV	07/01/2014	N001	10.55 - 15.55	115.7	F #	-	-
	mV	08/14/2014	N001	10.55 - 15.55	90.9		-	-
	mV	09/24/2014	N001	10.55 - 15.55	250.3	F #	-	-
	mV	04/01/2015	N001	10.55 - 15.55	247.6	F #	-	-
	mV	05/18/2015	N001	10.55 - 15.55	155.0	F #	-	-
pH	s.u.	07/01/2014	N001	10.55 - 15.55	7.01	F #	-	-
	s.u.	08/14/2014	N001	10.55 - 15.55	6.76		-	-
	s.u.	09/24/2014	N001	10.55 - 15.55	6.98	F #	-	-
	s.u.	04/01/2015	N001	10.55 - 15.55	6.89	F #	-	-
	s.u.	05/18/2015	N001	10.55 - 15.55	6.89	F #	-	-
Potassium	mg/L	07/01/2014	N001	10.55 - 15.55	5.400	F #	0.11	-
	mg/L	08/14/2014	N003	10.55 - 15.55	4.3		0.1	-
	mg/L	08/14/2014	N004	10.55 - 15.55	4.5		0.1	-
	mg/L	09/24/2014	N001	10.55 - 15.55	5.000	F #	0.11	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-08 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Potassium	mg/L	04/01/2015	N001	10.55 - 15.55	3.500	F #	0.052	-
	mg/L	05/18/2015	N001	10.55 - 15.55	3.300	F #	0.24	-
Selenium	mg/L	07/01/2014	N001	10.55 - 15.55	0.027	F #	3.2E-05	-
Sodium	mg/L	07/01/2014	N001	10.55 - 15.55	190.000	F #	0.033	-
	mg/L	08/14/2014	N003	10.55 - 15.55	190		0.1	-
	mg/L	08/14/2014	N004	10.55 - 15.55	180		0.1	-
	mg/L	09/24/2014	N001	10.55 - 15.55	170.000	F #	0.066	-
	mg/L	04/01/2015	N001	10.55 - 15.55	160.000	F #	0.047	-
	mg/L	05/18/2015	N001	10.55 - 15.55	170.000	F #	0.092	-
Specific Conductance	umhos/c	07/01/2014	N001	10.55 - 15.55	2111	F #	-	-
	umhos/c	08/14/2014	N001	10.55 - 15.55	2128		-	-
	umhos/c	09/24/2014	N001	10.55 - 15.55	1987	F #	-	-
	umhos/c	04/01/2015	N001	10.55 - 15.55	1933	F #	-	-
	umhos/c	05/18/2015	N001	10.55 - 15.55	1924	F #	-	-
Sulfate	mg/L	07/01/2014	N001	10.55 - 15.55	950	F #	10	-
	mg/L	08/14/2014	N003	10.55 - 15.55	862		0.5	-
	mg/L	08/14/2014	N004	10.55 - 15.55	881		0.5	-
	mg/L	09/24/2014	N001	10.55 - 15.55	810	F #	10	-
	mg/L	04/01/2015	N001	10.55 - 15.55	740	F #	10	-
	mg/L	05/18/2015	N001	10.55 - 15.55	630	F #	2.3	-
Temperature	C	07/01/2014	N001	10.55 - 15.55	12.19	F #	-	-
	C	08/14/2014	N001	10.55 - 15.55	13.46		-	-
	C	09/24/2014	N001	10.55 - 15.55	13.96	F #	-	-
	C	04/01/2015	N001	10.55 - 15.55	8.63	F #	-	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-08 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Temperature	C	05/18/2015	N001	10.55 - 15.55	10.55	F #	-	-
Total Dissolved Solids	mg/L	07/01/2014	N001	10.55 - 15.55	1800	F #	40	-
	mg/L	08/14/2014	N003	10.55 - 15.55	1660		5	-
	mg/L	08/14/2014	N004	10.55 - 15.55	1640		5	-
	mg/L	09/24/2014	N001	10.55 - 15.55	1600	F #	40	-
Turbidity	NTU	07/01/2014	N001	10.55 - 15.55	5.69	F #	-	-
	NTU	08/14/2014	N001	10.55 - 15.55	7.54		-	-
	NTU	09/24/2014	N001	10.55 - 15.55	9.45	F #	-	-
	NTU	04/01/2015	N001	10.55 - 15.55	2.03	F #	-	-
	NTU	05/18/2015	N001	10.55 - 15.55	5.63	F #	-	-
Uranium	mg/L	07/01/2014	N001	10.55 - 15.55	0.980	F #	1.5E-05	-
	mg/L	08/14/2014	N003	10.55 - 15.55	1.135		0.0002	-
	mg/L	08/14/2014	N004	10.55 - 15.55	1.165		0.0002	-
	mg/L	09/24/2014	N001	10.55 - 15.55	1.100	F #	0.00015	-
	mg/L	04/01/2015	N001	10.55 - 15.55	0.860	F #	2.9E-05	-
	mg/L	05/18/2015	N001	10.55 - 15.55	0.940	F #	0.00005	-
Vanadium	mg/L	07/01/2014	N001	10.55 - 15.55	0.00099	F #	1.5E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-09 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	07/02/2014	N001	5.20 - 10.20	277	F #	-	-
	mg/L	08/14/2014	N001	5.20 - 10.20	316		-	-
	mg/L	09/25/2014	N001	5.20 - 10.20	380	F #	-	-
	mg/L	04/01/2015	N001	5.20 - 10.20	260	F #	-	-
	mg/L	05/19/2015	N001	5.20 - 10.20	290	F #	-	-
Arsenic	mg/L	07/02/2014	N001	5.20 - 10.20	0.011	F #	7.4E-05	-
Calcium	mg/L	07/02/2014	N001	5.20 - 10.20	270.000	F #	0.012	-
	mg/L	08/14/2014	N003	5.20 - 10.20	290		0.01	-
	mg/L	09/25/2014	N001	5.20 - 10.20	330.000	F #	0.012	-
	mg/L	04/01/2015	N001	5.20 - 10.20	220.000	F #	0.024	-
	mg/L	05/19/2015	N001	5.20 - 10.20	220.000	F #	0.035	-
	mg/L	05/19/2015	N002	5.20 - 10.20	210.000	F #	0.035	-
Chloride	mg/L	07/02/2014	N001	5.20 - 10.20	50	F #	4	-
	mg/L	08/14/2014	N003	5.20 - 10.20	62		0.5	-
	mg/L	09/25/2014	N001	5.20 - 10.20	52	F #	4	-
	mg/L	04/01/2015	N001	5.20 - 10.20	95	F #	4	-
	mg/L	05/19/2015	N001	5.20 - 10.20	62	B F #	0.25	-
	mg/L	05/19/2015	N002	5.20 - 10.20	62	B F #	0.25	-
Dissolved Oxygen	mg/L	04/01/2015	N001	5.20 - 10.20	0.38	F #	-	-
	mg/L	05/19/2015	N001	5.20 - 10.20	0.21	F #	-	-
Fluoride	mg/L	07/02/2014	N001	5.20 - 10.20	0.48	F #	0.2	-
Iron	mg/L	07/02/2014	N001	5.20 - 10.20	0.240	F #	0.0049	-
Magnesium	mg/L	07/02/2014	N001	5.20 - 10.20	54.000	F #	0.013	-
	mg/L	08/14/2014	N003	5.20 - 10.20	65		0.05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-09 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Magnesium	mg/L	09/25/2014	N001	5.20 - 10.20	66.000	F #	0.013	-
	mg/L	04/01/2015	N001	5.20 - 10.20	46.000	F #	0.03	-
	mg/L	05/19/2015	N001	5.20 - 10.20	43.000	F #	0.011	-
	mg/L	05/19/2015	N002	5.20 - 10.20	42.000	F #	0.011	-
Manganese	mg/L	07/02/2014	N001	5.20 - 10.20	0.570	F #	0.00011	-
Molybdenum	mg/L	07/02/2014	N001	5.20 - 10.20	0.093	F #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/02/2014	N001	5.20 - 10.20	0.034	F #	0.01	-
	mg/L	09/25/2014	N001	5.20 - 10.20	0.047	F #	0.01	-
	mg/L	04/01/2015	N001	5.20 - 10.20	0.32	F #	0.01	-
	mg/L	05/19/2015	N001	5.20 - 10.20	0.019	U F #	0.019	-
	mg/L	05/19/2015	N002	5.20 - 10.20	0.019	U F #	0.019	-
Oxidation Reduction Potential	mV	07/02/2014	N001	5.20 - 10.20	41.6	F #	-	-
	mV	08/14/2014	N001	5.20 - 10.20	96.6		-	-
	mV	09/25/2014	N001	5.20 - 10.20	118.0	F #	-	-
	mV	04/01/2015	N001	5.20 - 10.20	234.2	F #	-	-
	mV	05/19/2015	N001	5.20 - 10.20	177.0	F #	-	-
pH	s.u.	07/02/2014	N001	5.20 - 10.20	6.94	F #	-	-
	s.u.	08/14/2014	N001	5.20 - 10.20	6.64		-	-
	s.u.	09/25/2014	N001	5.20 - 10.20	6.68	F #	-	-
	s.u.	04/01/2015	N001	5.20 - 10.20	6.94	F #	-	-
	s.u.	05/19/2015	N001	5.20 - 10.20	6.95	F #	-	-
Potassium	mg/L	07/02/2014	N001	5.20 - 10.20	19.000	F #	0.11	-
	mg/L	08/14/2014	N003	5.20 - 10.20	17		0.1	-
	mg/L	09/25/2014	N001	5.20 - 10.20	21.000	F #	0.11	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-09 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Potassium	mg/L	04/01/2015	N001	5.20 - 10.20	11.000	F #	0.052	-
	mg/L	05/19/2015	N001	5.20 - 10.20	10.000	F #	0.24	-
	mg/L	05/19/2015	N002	5.20 - 10.20	10.000	F #	0.24	-
Selenium	mg/L	07/02/2014	N001	5.20 - 10.20	0.0083	F #	0.00016	-
Sodium	mg/L	07/02/2014	N001	5.20 - 10.20	100.000	F #	0.0066	-
	mg/L	08/14/2014	N003	5.20 - 10.20	110		0.1	-
	mg/L	09/25/2014	N001	5.20 - 10.20	98.000	F #	0.0066	-
	mg/L	04/01/2015	N001	5.20 - 10.20	87.000	F #	0.047	-
	mg/L	05/19/2015	N001	5.20 - 10.20	88.000	F #	0.092	-
	mg/L	05/19/2015	N002	5.20 - 10.20	87.000	F #	0.092	-
Specific Conductance	umhos/c	07/02/2014	N001	5.20 - 10.20	1791	F #	-	-
	umhos/c	08/14/2014	N001	5.20 - 10.20	1954		-	-
	umhos/c	09/25/2014	N001	5.20 - 10.20	1907	F #	-	-
	umhos/c	04/01/2015	N001	5.20 - 10.20	1683	F #	-	-
	umhos/c	05/19/2015	N001	5.20 - 10.20	1590	F #	-	-
Sulfate	mg/L	07/02/2014	N001	5.20 - 10.20	750	F #	10	-
	mg/L	08/14/2014	N003	5.20 - 10.20	791		0.5	-
	mg/L	09/25/2014	N001	5.20 - 10.20	840	F #	10	-
	mg/L	04/01/2015	N001	5.20 - 10.20	560	F #	10	-
	mg/L	05/19/2015	N001	5.20 - 10.20	500	F #	1.2	-
	mg/L	05/19/2015	N002	5.20 - 10.20	470	F #	1.2	-
Temperature	C	07/02/2014	N001	5.20 - 10.20	15.04	F #	-	-
	C	08/14/2014	N001	5.20 - 10.20	15.18		-	-
	C	09/25/2014	N001	5.20 - 10.20	15.07	F #	-	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-09 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Temperature	C	04/01/2015	N001	5.20 - 10.20	6.58	F #	-	-
	C	05/19/2015	N001	5.20 - 10.20	7.81	F #	-	-
Total Dissolved Solids	mg/L	07/02/2014	N001	5.20 - 10.20	1500	F #	40	-
	mg/L	08/14/2014	N003	5.20 - 10.20	1580		5	-
	mg/L	09/25/2014	N001	5.20 - 10.20	1700	F #	40	-
Turbidity	NTU	07/02/2014	N001	5.20 - 10.20	9.12	F #	-	-
	NTU	08/14/2014	N001	5.20 - 10.20	6.18		-	-
	NTU	09/25/2014	N001	5.20 - 10.20	7.52	F #	-	-
	NTU	04/01/2015	N001	5.20 - 10.20	9.17	F #	-	-
	NTU	05/19/2015	N001	5.20 - 10.20	4.77	F #	-	-
Uranium	mg/L	07/02/2014	N001	5.20 - 10.20	0.930	F #	1.5E-05	-
	mg/L	08/14/2014	N003	5.20 - 10.20	1.055		0.0002	-
	mg/L	09/25/2014	N001	5.20 - 10.20	1.100	F #	0.00015	-
	mg/L	04/01/2015	N001	5.20 - 10.20	0.600	F #	2.9E-05	-
	mg/L	05/19/2015	N001	5.20 - 10.20	0.620	F #	0.00005	-
	mg/L	05/19/2015	N002	5.20 - 10.20	0.620	F #	0.00005	-
Vanadium	mg/L	07/02/2014	N001	5.20 - 10.20	0.260	F #	7.6E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-10 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	07/01/2014	N001	9.05 - 14.05	254	F #	-	-
	mg/L	08/14/2014	N001	9.05 - 14.05	254		-	-
	mg/L	09/25/2014	N001	9.05 - 14.05	169	F #	-	-
	mg/L	04/01/2015	N001	9.05 - 14.05	242	F #	-	-
	mg/L	05/19/2015	N001	9.05 - 14.05	275	F #	-	-
Arsenic	mg/L	07/01/2014	N001	9.05 - 14.05	0.0072	F #	7.4E-05	-
Calcium	mg/L	07/01/2014	N001	9.05 - 14.05	260.000	F #	0.012	-
	mg/L	08/14/2014	N003	9.05 - 14.05	250		0.01	-
	mg/L	09/25/2014	N001	9.05 - 14.05	260.000	F #	0.012	-
	mg/L	04/01/2015	N001	9.05 - 14.05	210.000	F #	0.024	-
	mg/L	05/19/2015	N001	9.05 - 14.05	200.000	F #	0.035	-
Chloride	mg/L	07/01/2014	N001	9.05 - 14.05	50	F #	4	-
	mg/L	08/14/2014	N003	9.05 - 14.05	48		0.5	-
	mg/L	09/25/2014	N001	9.05 - 14.05	49	F #	2	-
	mg/L	04/01/2015	N001	9.05 - 14.05	84	F #	4	-
	mg/L	05/19/2015	N001	9.05 - 14.05	68	B F #	0.25	-
Dissolved Oxygen	mg/L	04/01/2015	N001	9.05 - 14.05	0.41	F #	-	-
	mg/L	05/19/2015	N001	9.05 - 14.05	0.23	F #	-	-
Fluoride	mg/L	07/01/2014	N001	9.05 - 14.05	0.48	F #	0.2	-
Iron	mg/L	07/01/2014	N001	9.05 - 14.05	0.250	F #	0.0049	-
Magnesium	mg/L	07/01/2014	N001	9.05 - 14.05	57.000	F #	0.013	-
	mg/L	08/14/2014	N003	9.05 - 14.05	60		0.05	-
	mg/L	09/25/2014	N001	9.05 - 14.05	59.000	F #	0.013	-
	mg/L	04/01/2015	N001	9.05 - 14.05	51.000	F #	0.03	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-10 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Magnesium	mg/L	05/19/2015	N001	9.05 - 14.05	47.000	F #	0.011	-
Manganese	mg/L	07/01/2014	N001	9.05 - 14.05	1.300	F #	0.00011	-
Molybdenum	mg/L	07/01/2014	N001	9.05 - 14.05	0.140	F #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/01/2014	N001	9.05 - 14.05	0.021	F #	0.01	-
	mg/L	09/25/2014	N001	9.05 - 14.05	0.01	U F #	0.01	-
	mg/L	04/01/2015	N001	9.05 - 14.05	0.18	F #	0.01	-
	mg/L	05/19/2015	N001	9.05 - 14.05	0.019	U F #	0.019	-
Oxidation Reduction Potential	mV	07/01/2014	N001	9.05 - 14.05	66.1	F #	-	-
	mV	08/14/2014	N001	9.05 - 14.05	20.5		-	-
	mV	09/25/2014	N001	9.05 - 14.05	52.6	F #	-	-
	mV	04/01/2015	N001	9.05 - 14.05	227.6	F #	-	-
	mV	05/19/2015	N001	9.05 - 14.05	250.9	F #	-	-
pH	s.u.	07/01/2014	N001	9.05 - 14.05	6.91	F #	-	-
	s.u.	08/14/2014	N001	9.05 - 14.05	6.68		-	-
	s.u.	09/25/2014	N001	9.05 - 14.05	6.72	F #	-	-
	s.u.	04/01/2015	N001	9.05 - 14.05	6.87	F #	-	-
	s.u.	05/19/2015	N001	9.05 - 14.05	6.84	F #	-	-
Potassium	mg/L	07/01/2014	N001	9.05 - 14.05	15.000	F #	0.11	-
	mg/L	08/14/2014	N003	9.05 - 14.05	13		0.1	-
	mg/L	09/25/2014	N001	9.05 - 14.05	16.000	F #	0.11	-
	mg/L	04/01/2015	N001	9.05 - 14.05	12.000	F #	0.052	-
	mg/L	05/19/2015	N001	9.05 - 14.05	12.000	F #	0.24	-
Selenium	mg/L	07/01/2014	N001	9.05 - 14.05	0.010	F #	0.00016	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-10 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Sodium	mg/L	07/01/2014	N001	9.05 - 14.05	110.000	F #	0.0066	-
	mg/L	08/14/2014	N003	9.05 - 14.05	120		0.1	-
	mg/L	09/25/2014	N001	9.05 - 14.05	110.000	F #	0.0066	-
	mg/L	04/01/2015	N001	9.05 - 14.05	93.000	F #	0.047	-
	mg/L	05/19/2015	N001	9.05 - 14.05	99.000	F #	0.092	-
Specific Conductance	umhos/c	07/01/2014	N001	9.05 - 14.05	1750	F #	-	-
	umhos/c	08/14/2014	N001	9.05 - 14.05	1820		-	-
	umhos/c	09/25/2014	N001	9.05 - 14.05	1833	F #	-	-
	umhos/c	04/01/2015	N001	9.05 - 14.05	1662	F #	-	-
	umhos/c	05/19/2015	N001	9.05 - 14.05	1618	F #	-	-
Sulfate	mg/L	07/01/2014	N001	9.05 - 14.05	740	F #	10	-
	mg/L	08/14/2014	N003	9.05 - 14.05	725		0.5	-
	mg/L	09/25/2014	N001	9.05 - 14.05	750	N F #	5	-
	mg/L	04/01/2015	N001	9.05 - 14.05	580	F #	10	-
	mg/L	05/19/2015	N001	9.05 - 14.05	490	F #	2.3	-
Temperature	C	07/01/2014	N001	9.05 - 14.05	13.50	F #	-	-
	C	08/14/2014	N001	9.05 - 14.05	14.16		-	-
	C	09/25/2014	N001	9.05 - 14.05	14.41	F #	-	-
	C	04/01/2015	N001	9.05 - 14.05	10.66	F #	-	-
	C	05/19/2015	N001	9.05 - 14.05	8.93	F #	-	-
Total Dissolved Solids	mg/L	07/01/2014	N001	9.05 - 14.05	1500	F #	40	-
	mg/L	08/14/2014	N003	9.05 - 14.05	1470		5	-
	mg/L	09/25/2014	N001	9.05 - 14.05	1500	F #	40	-
Turbidity	NTU	07/01/2014	N001	9.05 - 14.05	4.02	F #	-	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-10 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Turbidity	NTU	08/14/2014	N001	9.05 - 14.05	1.17		-	-
	NTU	09/25/2014	N001	9.05 - 14.05	7.18	F #	-	-
	NTU	04/01/2015	N001	9.05 - 14.05	1.55	F #	-	-
	NTU	05/19/2015	N001	9.05 - 14.05	4.41	F #	-	-
Uranium	mg/L	07/01/2014	N001	9.05 - 14.05	1.100	F #	1.5E-05	-
	mg/L	08/14/2014	N003	9.05 - 14.05	1.249		0.0002	-
	mg/L	09/25/2014	N001	9.05 - 14.05	1.400	F #	0.00015	-
	mg/L	04/01/2015	N001	9.05 - 14.05	1.100	F #	0.00029	-
	mg/L	05/19/2015	N001	9.05 - 14.05	1.100	F #	0.00005	-
Vanadium	mg/L	07/01/2014	N001	9.05 - 14.05	0.180	F #	7.6E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-11 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	07/01/2014	N001	11.81 - 16.81	255	F #	-	-
	mg/L	08/14/2014	N001	11.81 - 16.81	248		-	-
	mg/L	09/24/2014	N001	11.81 - 16.81	262	F #	-	-
	mg/L	04/01/2015	N001	11.81 - 16.81	240	F #	-	-
	mg/L	05/19/2015	N001	11.81 - 16.81	270	F #	-	-
Arsenic	mg/L	07/01/2014	N001	11.81 - 16.81	0.0056	F #	7.4E-05	-
Calcium	mg/L	07/01/2014	N001	11.81 - 16.81	260.000	F #	0.012	-
	mg/L	08/14/2014	N003	11.81 - 16.81	250		0.01	-
	mg/L	09/24/2014	N001	11.81 - 16.81	230.000	F #	0.012	-
	mg/L	04/01/2015	N001	11.81 - 16.81	190.000	F #	0.024	-
	mg/L	05/19/2015	N001	11.81 - 16.81	200.000	F #	0.035	-
Chloride	mg/L	07/01/2014	N001	11.81 - 16.81	61	F #	4	-
	mg/L	08/14/2014	N003	11.81 - 16.81	64		0.5	-
	mg/L	09/24/2014	N001	11.81 - 16.81	54	F #	4	-
	mg/L	04/01/2015	N001	11.81 - 16.81	78	F #	4	-
	mg/L	05/19/2015	N001	11.81 - 16.81	71	B F #	0.25	-
Dissolved Oxygen	mg/L	04/01/2015	N001	11.81 - 16.81	0.42	F #	-	-
	mg/L	05/19/2015	N001	11.81 - 16.81	0.24	F #	-	-
Fluoride	mg/L	07/01/2014	N001	11.81 - 16.81	0.4	F #	0.2	-
Iron	mg/L	07/01/2014	N001	11.81 - 16.81	0.310	F #	0.0049	-
Magnesium	mg/L	07/01/2014	N001	11.81 - 16.81	66.000	F #	0.013	-
	mg/L	08/14/2014	N003	11.81 - 16.81	71		0.05	-
	mg/L	09/24/2014	N001	11.81 - 16.81	64.000	F #	0.013	-
	mg/L	04/01/2015	N001	11.81 - 16.81	54.000	F #	0.03	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-11 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Magnesium	mg/L	05/19/2015	N001	11.81 - 16.81	52.000	F #	0.011	-
Manganese	mg/L	07/01/2014	N001	11.81 - 16.81	1.100	F #	0.00011	-
Molybdenum	mg/L	07/01/2014	N001	11.81 - 16.81	0.210	F #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/01/2014	N001	11.81 - 16.81	0.63	F #	0.01	-
	mg/L	09/24/2014	N001	11.81 - 16.81	0.4	F #	0.01	-
	mg/L	04/01/2015	N001	11.81 - 16.81	0.31	F #	0.01	-
	mg/L	05/19/2015	N001	11.81 - 16.81	0.071	F #	0.019	-
Oxidation Reduction Potential	mV	07/01/2014	N001	11.81 - 16.81	105.4	F #	-	-
	mV	08/14/2014	N001	11.81 - 16.81	73.0		-	-
	mV	09/24/2014	N001	11.81 - 16.81	171.4	F #	-	-
	mV	04/01/2015	N001	11.81 - 16.81	205.1	F #	-	-
	mV	05/19/2015	N001	11.81 - 16.81	295.2	F #	-	-
pH	s.u.	07/01/2014	N001	11.81 - 16.81	6.94	F #	-	-
	s.u.	08/14/2014	N001	11.81 - 16.81	6.71		-	-
	s.u.	09/24/2014	N001	11.81 - 16.81	6.72	F #	-	-
	s.u.	04/01/2015	N001	11.81 - 16.81	6.87	F #	-	-
	s.u.	05/19/2015	N001	11.81 - 16.81	6.84	F #	-	-
Potassium	mg/L	07/01/2014	N001	11.81 - 16.81	9.400	F #	0.11	-
	mg/L	08/14/2014	N003	11.81 - 16.81	7.5		0.1	-
	mg/L	09/24/2014	N001	11.81 - 16.81	9.700	F #	0.11	-
	mg/L	04/01/2015	N001	11.81 - 16.81	6.200	F #	0.052	-
	mg/L	05/19/2015	N001	11.81 - 16.81	6.200	F #	0.24	-
Selenium	mg/L	07/01/2014	N001	11.81 - 16.81	0.041	F #	0.00016	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-11 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Sodium	mg/L	07/01/2014	N001	11.81 - 16.81	180.000	F #	0.033	-
	mg/L	08/14/2014	N003	11.81 - 16.81	190		0.1	-
	mg/L	09/24/2014	N001	11.81 - 16.81	170.000	F #	0.066	-
	mg/L	04/01/2015	N001	11.81 - 16.81	130.000	F #	0.047	-
	mg/L	05/19/2015	N001	11.81 - 16.81	120.000	F #	0.092	-
Specific Conductance	umhos/c	07/01/2014	N001	11.81 - 16.81	2089	F #	-	-
	umhos/c	08/14/2014	N001	11.81 - 16.81	2149		-	-
	umhos/c	09/24/2014	N001	11.81 - 16.81	2059	F #	-	-
	umhos/c	04/01/2015	N001	11.81 - 16.81	1754	F #	-	-
	umhos/c	05/19/2015	N001	11.81 - 16.81	1745	F #	-	-
Sulfate	mg/L	07/01/2014	N001	11.81 - 16.81	950	F #	10	-
	mg/L	08/14/2014	N003	11.81 - 16.81	942		0.5	-
	mg/L	09/24/2014	N001	11.81 - 16.81	870	F #	10	-
	mg/L	04/01/2015	N001	11.81 - 16.81	640	F #	10	-
	mg/L	05/19/2015	N001	11.81 - 16.81	530	F #	2.3	-
Temperature	C	07/01/2014	N001	11.81 - 16.81	13.57	F #	-	-
	C	08/14/2014	N001	11.81 - 16.81	13.18		-	-
	C	09/24/2014	N001	11.81 - 16.81	14.31	F #	-	-
	C	04/01/2015	N001	11.81 - 16.81	10.74	F #	-	-
	C	05/19/2015	N001	11.81 - 16.81	9.16	F #	-	-
Total Dissolved Solids	mg/L	07/01/2014	N001	11.81 - 16.81	1800	F #	40	-
	mg/L	08/14/2014	N003	11.81 - 16.81	1740		5	-
	mg/L	09/24/2014	N001	11.81 - 16.81	1700	F #	40	-
Turbidity	NTU	07/01/2014	N001	11.81 - 16.81	6.77	F #	-	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-11 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Turbidity	NTU	08/14/2014	N001	11.81 - 16.81	3.03		-	-
	NTU	09/24/2014	N001	11.81 - 16.81	8.86	F #	-	-
	NTU	04/01/2015	N001	11.81 - 16.81	9.73	F #	-	-
	NTU	05/19/2015	N001	11.81 - 16.81	5.30	F #	-	-
Uranium	mg/L	07/01/2014	N001	11.81 - 16.81	1.000	F #	1.5E-05	-
	mg/L	08/14/2014	N003	11.81 - 16.81	1.152		0.0002	-
	mg/L	09/24/2014	N001	11.81 - 16.81	1.200	F #	0.00015	-
	mg/L	04/01/2015	N001	11.81 - 16.81	1.100	F #	0.00029	-
	mg/L	05/19/2015	N001	11.81 - 16.81	1.200	F #	0.00005	-
Vanadium	mg/L	07/01/2014	N001	11.81 - 16.81	0.130	F #	7.6E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-12 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	07/02/2014	N001	7.80 - 12.80	306	F #	-	-
	mg/L	08/14/2014	N001	7.80 - 12.80	322		-	-
	mg/L	09/25/2014	N001	7.80 - 12.80	292	F #	-	-
	mg/L	04/01/2015	N001	7.80 - 12.80	260	F #	-	-
	mg/L	05/19/2015	N001	7.80 - 12.80	280	F #	-	-
Arsenic	mg/L	07/02/2014	N001	7.80 - 12.80	0.014	F #	7.4E-05	-
Calcium	mg/L	07/02/2014	N001	7.80 - 12.80	300.000	F #	0.012	-
	mg/L	08/14/2014	N003	7.80 - 12.80	300		0.01	-
	mg/L	09/25/2014	N001	7.80 - 12.80	280.000	F #	0.012	-
	mg/L	04/01/2015	N001	7.80 - 12.80	220.000	F #	0.024	-
	mg/L	05/19/2015	N001	7.80 - 12.80	210.000	F #	0.035	-
Chloride	mg/L	07/02/2014	N001	7.80 - 12.80	42	F #	4	-
	mg/L	08/14/2014	N003	7.80 - 12.80	67		0.5	-
	mg/L	09/25/2014	N001	7.80 - 12.80	59	F #	4	-
	mg/L	04/01/2015	N001	7.80 - 12.80	90	F #	4	-
	mg/L	05/19/2015	N001	7.80 - 12.80	61	B F #	0.25	-
Dissolved Oxygen	mg/L	04/01/2015	N001	7.80 - 12.80	0.35	F #	-	-
	mg/L	05/19/2015	N001	7.80 - 12.80	0.19	F #	-	-
Fluoride	mg/L	07/02/2014	N001	7.80 - 12.80	0.49	F #	0.2	-
Iron	mg/L	07/02/2014	N001	7.80 - 12.80	0.340	F #	0.0049	-
Magnesium	mg/L	07/02/2014	N001	7.80 - 12.80	52.000	F #	0.013	-
	mg/L	08/14/2014	N003	7.80 - 12.80	59		0.05	-
	mg/L	09/25/2014	N001	7.80 - 12.80	52.000	F #	0.013	-
	mg/L	04/01/2015	N001	7.80 - 12.80	45.000	F #	0.03	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-12 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Magnesium	mg/L	05/19/2015	N001	7.80 - 12.80	42.000	F #	0.011	-
Manganese	mg/L	07/02/2014	N001	7.80 - 12.80	0.034	F #	0.00011	-
Molybdenum	mg/L	07/02/2014	N001	7.80 - 12.80	0.056	F #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/02/2014	N001	7.80 - 12.80	0.095	F #	0.01	-
	mg/L	09/25/2014	N001	7.80 - 12.80	0.56	F #	0.01	-
	mg/L	04/01/2015	N001	7.80 - 12.80	0.29	F #	0.01	-
	mg/L	05/19/2015	N001	7.80 - 12.80	0.080	F #	0.019	-
Oxidation Reduction Potential	mV	07/02/2014	N001	7.80 - 12.80	16.4	F #	-	-
	mV	08/14/2014	N001	7.80 - 12.80	65.0		-	-
	mV	09/25/2014	N001	7.80 - 12.80	123.1	F #	-	-
	mV	04/01/2015	N001	7.80 - 12.80	222.9	F #	-	-
	mV	05/19/2015	N001	7.80 - 12.80	151.8	F #	-	-
pH	s.u.	07/02/2014	N001	7.80 - 12.80	7.08	F #	-	-
	s.u.	08/14/2014	N001	7.80 - 12.80	6.79		-	-
	s.u.	09/25/2014	N001	7.80 - 12.80	6.79	F #	-	-
	s.u.	04/01/2015	N001	7.80 - 12.80	7.02	F #	-	-
	s.u.	05/19/2015	N001	7.80 - 12.80	7.00	F #	-	-
Potassium	mg/L	07/02/2014	N001	7.80 - 12.80	12.000	F #	0.11	-
	mg/L	08/14/2014	N003	7.80 - 12.80	12		0.1	-
	mg/L	09/25/2014	N001	7.80 - 12.80	14.000	F #	0.11	-
	mg/L	04/01/2015	N001	7.80 - 12.80	8.400	F #	0.052	-
	mg/L	05/19/2015	N001	7.80 - 12.80	8.200	F #	0.24	-
Selenium	mg/L	07/02/2014	N001	7.80 - 12.80	0.025	F #	0.00016	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-12 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Sodium	mg/L	07/02/2014	N001	7.80 - 12.80	81.000	F #	0.0066	-
	mg/L	08/14/2014	N003	7.80 - 12.80	94		0.1	-
	mg/L	09/25/2014	N001	7.80 - 12.80	89.000	F #	0.0066	-
	mg/L	04/01/2015	N001	7.80 - 12.80	86.000	F #	0.047	-
	mg/L	05/19/2015	N001	7.80 - 12.80	89.000	F #	0.092	-
Specific Conductance	umhos/c	07/02/2014	N001	7.80 - 12.80	1668	F #	-	-
	umhos/c	08/14/2014	N001	7.80 - 12.80	1890		-	-
	umhos/c	09/25/2014	N001	7.80 - 12.80	1819	F #	-	-
	umhos/c	04/01/2015	N001	7.80 - 12.80	1647	F #	-	-
	umhos/c	05/19/2015	N001	7.80 - 12.80	1590	F #	-	-
Sulfate	mg/L	07/02/2014	N001	7.80 - 12.80	670	F #	10	-
	mg/L	08/14/2014	N003	7.80 - 12.80	699		0.5	-
	mg/L	09/25/2014	N001	7.80 - 12.80	690	F #	10	-
	mg/L	04/01/2015	N001	7.80 - 12.80	540	F #	10	-
	mg/L	05/19/2015	N001	7.80 - 12.80	460	F #	2.3	-
Temperature	C	07/02/2014	N001	7.80 - 12.80	14.64	F #	-	-
	C	08/14/2014	N001	7.80 - 12.80	17.25		-	-
	C	09/25/2014	N001	7.80 - 12.80	14.63	F #	-	-
	C	04/01/2015	N001	7.80 - 12.80	8.46	F #	-	-
	C	05/19/2015	N001	7.80 - 12.80	9.59	F #	-	-
Total Dissolved Solids	mg/L	07/02/2014	N001	7.80 - 12.80	1400	F #	40	-
	mg/L	08/14/2014	N003	7.80 - 12.80	1490		5	-
	mg/L	09/25/2014	N001	7.80 - 12.80	1400	F #	40	-
Turbidity	NTU	07/02/2014	N001	7.80 - 12.80	5.85	F #	-	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-12 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Turbidity	NTU	08/14/2014	N001	7.80 - 12.80	5.97		-	-
	NTU	09/25/2014	N001	7.80 - 12.80	3.41	F #	-	-
	NTU	04/01/2015	N001	7.80 - 12.80	7.23	F #	-	-
	NTU	05/19/2015	N001	7.80 - 12.80	6.20	F #	-	-
Uranium	mg/L	07/02/2014	N001	7.80 - 12.80	0.560	F #	1.5E-05	-
	mg/L	08/14/2014	N003	7.80 - 12.80	0.671		0.0002	-
	mg/L	09/25/2014	N001	7.80 - 12.80	0.680	F #	0.00015	-
	mg/L	04/01/2015	N001	7.80 - 12.80	0.330	F #	2.9E-05	-
	mg/L	05/19/2015	N001	7.80 - 12.80	0.350	F #	0.00005	-
Vanadium	mg/L	07/02/2014	N001	7.80 - 12.80	0.340	F #	7.6E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-13 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	07/02/2014	N001	10.00 - 15.00	304	F #	-	-
	mg/L	08/14/2014	N001	10.00 - 15.00	323		-	-
	mg/L	09/25/2014	0001	10.00 - 15.00	289	F #	-	-
	mg/L	04/01/2015	N001	10.00 - 15.00	255	F #	-	-
	mg/L	05/19/2015	N001	10.00 - 15.00	270	F #	-	-
Arsenic	mg/L	07/02/2014	N001	10.00 - 15.00	0.011	F #	7.4E-05	-
	mg/L	07/02/2014	N002	10.00 - 15.00	0.011	F #	7.4E-05	-
Calcium	mg/L	07/02/2014	N001	10.00 - 15.00	290.000	F #	0.012	-
	mg/L	07/02/2014	N002	10.00 - 15.00	300.000	F #	0.012	-
	mg/L	08/14/2014	N003	10.00 - 15.00	290		0.01	-
	mg/L	09/25/2014	0001	10.00 - 15.00	290.000	F #	0.012	-
	mg/L	04/01/2015	N001	10.00 - 15.00	230.000	F #	0.024	-
	mg/L	05/19/2015	N001	10.00 - 15.00	210.000	F #	0.035	-
Chloride	mg/L	07/02/2014	N001	10.00 - 15.00	43	F #	4	-
	mg/L	07/02/2014	N002	10.00 - 15.00	43	F #	4	-
	mg/L	08/14/2014	N003	10.00 - 15.00	51		0.5	-
	mg/L	09/25/2014	0001	10.00 - 15.00	50	F #	4	-
	mg/L	04/01/2015	N001	10.00 - 15.00	94	F #	4	-
	mg/L	05/19/2015	N001	10.00 - 15.00	62	B F #	0.25	-
Dissolved Oxygen	mg/L	04/01/2015	N001	10.00 - 15.00	0.47	F #	-	-
	mg/L	05/19/2015	N001	10.00 - 15.00	0.24	F #	-	-
Fluoride	mg/L	07/02/2014	N001	10.00 - 15.00	0.54	F #	0.2	-
	mg/L	07/02/2014	N002	10.00 - 15.00	0.49	F #	0.2	-
Iron	mg/L	07/02/2014	N001	10.00 - 15.00	0.210	F #	0.0049	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-13 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Iron	mg/L	07/02/2014	N002	10.00 - 15.00	0.390	F #	0.0049	-
Magnesium	mg/L	07/02/2014	N001	10.00 - 15.00	53.000	F #	0.013	-
	mg/L	07/02/2014	N002	10.00 - 15.00	54.000	F #	0.013	-
	mg/L	08/14/2014	N003	10.00 - 15.00	60		0.05	-
	mg/L	09/25/2014	0001	10.00 - 15.00	56.000	F #	0.013	-
	mg/L	04/01/2015	N001	10.00 - 15.00	46.000	F #	0.03	-
	mg/L	05/19/2015	N001	10.00 - 15.00	43.000	F #	0.011	-
Manganese	mg/L	07/02/2014	N001	10.00 - 15.00	0.640	F #	0.00011	-
	mg/L	07/02/2014	N002	10.00 - 15.00	0.640	F #	0.00011	-
Molybdenum	mg/L	07/02/2014	N001	10.00 - 15.00	0.075	F #	0.00016	-
	mg/L	07/02/2014	N002	10.00 - 15.00	0.076	F #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/02/2014	N001	10.00 - 15.00	0.015	F #	0.01	-
	mg/L	07/02/2014	N002	10.00 - 15.00	0.023	F #	0.01	-
	mg/L	09/25/2014	0001	10.00 - 15.00	0.16	F #	0.01	-
	mg/L	04/01/2015	N001	10.00 - 15.00	0.26	F #	0.01	-
	mg/L	05/19/2015	N001	10.00 - 15.00	0.019	U F #	0.019	-
Oxidation Reduction Potential	mV	07/02/2014	N001	10.00 - 15.00	14.6	F #	-	-
	mV	08/14/2014	N001	10.00 - 15.00	30.4		-	-
	mV	09/25/2014	N001	10.00 - 15.00	97.2	F #	-	-
	mV	04/01/2015	N001	10.00 - 15.00	219.3	F #	-	-
	mV	05/19/2015	N001	10.00 - 15.00	154.0	F #	-	-
pH	s.u.	07/02/2014	N001	10.00 - 15.00	7.04	F #	-	-
	s.u.	08/14/2014	N001	10.00 - 15.00	6.76		-	-
	s.u.	09/25/2014	N001	10.00 - 15.00	6.76	F #	-	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-13 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
pH	s.u.	04/01/2015	N001	10.00 - 15.00	7.00	F #	-	-
	s.u.	05/19/2015	N001	10.00 - 15.00	6.96	F #	-	-
Potassium	mg/L	07/02/2014	N001	10.00 - 15.00	16.000	F #	0.11	-
	mg/L	07/02/2014	N002	10.00 - 15.00	16.000	F #	0.11	-
	mg/L	08/14/2014	N003	10.00 - 15.00	15		0.1	-
	mg/L	09/25/2014	0001	10.00 - 15.00	17.000	F #	0.11	-
	mg/L	04/01/2015	N001	10.00 - 15.00	9.900	F #	0.052	-
	mg/L	05/19/2015	N001	10.00 - 15.00	9.800	F #	0.24	-
Selenium	mg/L	07/02/2014	N001	10.00 - 15.00	0.0073	F #	0.00016	-
	mg/L	07/02/2014	N002	10.00 - 15.00	0.0081	F #	0.00016	-
Sodium	mg/L	07/02/2014	N001	10.00 - 15.00	84.000	F #	0.0066	-
	mg/L	07/02/2014	N002	10.00 - 15.00	85.000	F #	0.0066	-
	mg/L	08/14/2014	N003	10.00 - 15.00	94		0.1	-
	mg/L	09/25/2014	0001	10.00 - 15.00	86.000	F #	0.0066	-
	mg/L	04/01/2015	N001	10.00 - 15.00	84.000	F #	0.047	-
	mg/L	05/19/2015	N001	10.00 - 15.00	88.000	F #	0.092	-
Specific Conductance	umhos/c	07/02/2014	N001	10.00 - 15.00	1736	F #	-	-
	umhos/c	08/14/2014	N001	10.00 - 15.00	1877		-	-
	umhos/c	09/25/2014	N001	10.00 - 15.00	1850	F #	-	-
	umhos/c	04/01/2015	N001	10.00 - 15.00	1678	F #	-	-
	umhos/c	05/19/2015	N001	10.00 - 15.00	1587	F #	-	-
Sulfate	mg/L	07/02/2014	N001	10.00 - 15.00	700	F #	10	-
	mg/L	07/02/2014	N002	10.00 - 15.00	710	F #	10	-
	mg/L	08/14/2014	N003	10.00 - 15.00	743		0.5	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-13 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Sulfate	mg/L	09/25/2014	0001	10.00 - 15.00	710	F #	10	-
	mg/L	04/01/2015	N001	10.00 - 15.00	540	F #	10	-
	mg/L	05/19/2015	N001	10.00 - 15.00	460	F #	2.3	-
Temperature	C	07/02/2014	N001	10.00 - 15.00	12.34	F #	-	-
	C	08/14/2014	N001	10.00 - 15.00	15.48		-	-
	C	09/25/2014	N001	10.00 - 15.00	14.25	F #	-	-
	C	04/01/2015	N001	10.00 - 15.00	7.52	F #	-	-
	C	05/19/2015	N001	10.00 - 15.00	8.67	F #	-	-
Total Dissolved Solids	mg/L	07/02/2014	N001	10.00 - 15.00	1500	F #	40	-
	mg/L	07/02/2014	N002	10.00 - 15.00	1500	F #	40	-
	mg/L	08/14/2014	N003	10.00 - 15.00	1460		5	-
	mg/L	09/25/2014	0001	10.00 - 15.00	1400	F #	40	-
Turbidity	NTU	07/02/2014	N001	10.00 - 15.00	3.45	F #	-	-
	NTU	08/14/2014	N001	10.00 - 15.00	2.02		-	-
	NTU	09/25/2014	N001	10.00 - 15.00	91.7	F #	-	-
	NTU	04/01/2015	N001	10.00 - 15.00	6.75	F #	-	-
	NTU	05/19/2015	N001	10.00 - 15.00	9.47	F #	-	-
Uranium	mg/L	07/02/2014	N001	10.00 - 15.00	0.800	F #	1.5E-05	-
	mg/L	07/02/2014	N002	10.00 - 15.00	0.790	F #	1.5E-05	-
	mg/L	08/14/2014	N003	10.00 - 15.00	0.843		0.0002	-
	mg/L	09/25/2014	0001	10.00 - 15.00	0.810	F #	0.00015	-
	mg/L	04/01/2015	N001	10.00 - 15.00	0.520	F #	2.9E-05	-
	mg/L	05/19/2015	N001	10.00 - 15.00	0.550	F #	0.00005	-
Vanadium	mg/L	07/02/2014	N001	10.00 - 15.00	0.240	F #	7.6E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-13 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Vanadium	mg/L	07/02/2014	N002	10.00 - 15.00	0.250	F #	7.6E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-14 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	07/02/2014	N001	11.50 - 16.50	278	F #	-	-
	mg/L	08/14/2014	N001	11.50 - 16.50	298		-	-
	mg/L	09/25/2014	N001	11.50 - 16.50	282	F #	-	-
	mg/L	03/31/2015	N001	11.50 - 16.50	240	F #	-	-
	mg/L	05/19/2015	N001	11.50 - 16.50	289	F #	-	-
Arsenic	mg/L	07/02/2014	N001	11.50 - 16.50	0.0092	F #	7.4E-05	-
Calcium	mg/L	07/02/2014	N001	11.50 - 16.50	280.000	F #	0.012	-
	mg/L	08/14/2014	N003	11.50 - 16.50	260		0.01	-
	mg/L	09/25/2014	N001	11.50 - 16.50	270.000	F #	0.012	-
	mg/L	03/31/2015	N001	11.50 - 16.50	230.000	F #	0.024	-
	mg/L	03/31/2015	N002	11.50 - 16.50	230.000	F #	0.024	-
	mg/L	05/19/2015	N001	11.50 - 16.50	220.000	F #	0.035	-
Chloride	mg/L	07/02/2014	N001	11.50 - 16.50	49	F #	4	-
	mg/L	08/14/2014	N003	11.50 - 16.50	59		0.5	-
	mg/L	09/25/2014	N001	11.50 - 16.50	52	F #	4	-
	mg/L	03/31/2015	N001	11.50 - 16.50	90	F #	4	-
	mg/L	03/31/2015	N002	11.50 - 16.50	91	F #	4	-
	mg/L	05/19/2015	N001	11.50 - 16.50	68	B F #	0.25	-
Dissolved Oxygen	mg/L	03/31/2015	N001	11.50 - 16.50	0.50	F #	-	-
	mg/L	05/19/2015	N001	11.50 - 16.50	0.32	F #	-	-
Fluoride	mg/L	07/02/2014	N001	11.50 - 16.50	0.5	F #	0.2	-
Iron	mg/L	07/02/2014	N001	11.50 - 16.50	0.120	F #	0.0049	-
Magnesium	mg/L	07/02/2014	N001	11.50 - 16.50	57.000	F #	0.013	-
	mg/L	08/14/2014	N003	11.50 - 16.50	62		0.05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-14 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Magnesium	mg/L	09/25/2014	N001	11.50 - 16.50	58.000	F #	0.013	-
	mg/L	03/31/2015	N001	11.50 - 16.50	48.000	F #	0.03	-
	mg/L	03/31/2015	N002	11.50 - 16.50	48.000	F #	0.03	-
	mg/L	05/19/2015	N001	11.50 - 16.50	47.000	F #	0.011	-
Manganese	mg/L	07/02/2014	N001	11.50 - 16.50	0.790	F #	0.00011	-
Molybdenum	mg/L	07/02/2014	N001	11.50 - 16.50	0.110	F #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/02/2014	N001	11.50 - 16.50	0.01	U F #	0.01	-
	mg/L	09/25/2014	N001	11.50 - 16.50	0.01	UF #	0.01	-
	mg/L	03/31/2015	N001	11.50 - 16.50	0.31	F #	0.01	-
	mg/L	03/31/2015	N002	11.50 - 16.50	0.31	F #	0.01	-
	mg/L	05/19/2015	N001	11.50 - 16.50	0.036	J F #	0.019	-
Oxidation Reduction Potential	mV	08/14/2014	N001	11.50 - 16.50	54.3		-	-
	mV	09/25/2014	N001	11.50 - 16.50	72.9	F #	-	-
	mV	03/31/2015	N001	11.50 - 16.50	181.1	F #	-	-
	mV	05/19/2015	N001	11.50 - 16.50	160.6	F #	-	-
pH	s.u.	07/02/2014	N001	11.50 - 16.50	6.67	F #	-	-
	s.u.	08/14/2014	N001	11.50 - 16.50	6.71		-	-
	s.u.	09/25/2014	N001	11.50 - 16.50	6.72	F #	-	-
	s.u.	03/31/2015	N001	11.50 - 16.50	6.96	F #	-	-
	s.u.	05/19/2015	N001	11.50 - 16.50	6.92	F #	-	-
Potassium	mg/L	07/02/2014	N001	11.50 - 16.50	19.000	F #	0.11	-
	mg/L	08/14/2014	N003	11.50 - 16.50	16		0.1	-
	mg/L	09/25/2014	N001	11.50 - 16.50	20.000	F #	0.11	-
	mg/L	03/31/2015	N001	11.50 - 16.50	12.000	F #	0.052	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-14 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Potassium	mg/L	03/31/2015	N002	11.50 - 16.50	11.000	F #	0.052	-
	mg/L	05/19/2015	N001	11.50 - 16.50	12.000	F #	0.24	-
Selenium	mg/L	07/02/2014	N001	11.50 - 16.50	0.0048	F #	0.00016	-
Sodium	mg/L	07/02/2014	N001	11.50 - 16.50	98.000	F #	0.0066	-
	mg/L	08/14/2014	N003	11.50 - 16.50	110		0.1	-
	mg/L	09/25/2014	N001	11.50 - 16.50	97.000	F #	0.0066	-
	mg/L	03/31/2015	N001	11.50 - 16.50	84.000	F #	0.047	-
	mg/L	03/31/2015	N002	11.50 - 16.50	82.000	F #	0.047	-
	mg/L	05/19/2015	N001	11.50 - 16.50	95.000	B F #	0.092	-
Specific Conductance	umhos/c	07/02/2014	N001	11.50 - 16.50	1899	F #	-	-
	umhos/c	08/14/2014	N001	11.50 - 16.50	1888		-	-
	umhos/c	09/25/2014	N001	11.50 - 16.50	1879	F #	-	-
	umhos/c	03/31/2015	N001	11.50 - 16.50	1653	F #	-	-
	umhos/c	05/19/2015	N001	11.50 - 16.50	1617	F #	-	-
Sulfate	mg/L	07/02/2014	N001	11.50 - 16.50	750	F #	10	-
	mg/L	08/14/2014	N003	11.50 - 16.50	756		0.5	-
	mg/L	09/25/2014	N001	11.50 - 16.50	740	F #	10	-
	mg/L	03/31/2015	N001	11.50 - 16.50	550	F #	10	-
	mg/L	03/31/2015	N002	11.50 - 16.50	550	F #	10	-
	mg/L	05/19/2015	N001	11.50 - 16.50	480	F #	2.3	-
Temperature	C	07/02/2014	N001	11.50 - 16.50	11.85	F #	-	-
	C	08/14/2014	N001	11.50 - 16.50	15.70		-	-
	C	09/25/2014	N001	11.50 - 16.50	14.49	F #	-	-
	C	03/31/2015	N001	11.50 - 16.50	8.69	F #	-	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-14 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Temperature	C	05/19/2015	N001	11.50 - 16.50	8.43	F #	-	-
Total Dissolved Solids	mg/L	07/02/2014	N001	11.50 - 16.50	1500	F #	40	-
	mg/L	08/14/2014	N003	11.50 - 16.50	1440		5	-
	mg/L	09/25/2014	N001	11.50 - 16.50	1500	F #	40	-
Turbidity	NTU	07/02/2014	N001	11.50 - 16.50	1.97	F #	-	-
	NTU	08/14/2014	N001	11.50 - 16.50	5.37		-	-
	NTU	09/25/2014	N001	11.50 - 16.50	6.67	F #	-	-
	NTU	03/31/2015	N001	11.50 - 16.50	0.86	F #	-	-
	NTU	05/19/2015	N001	11.50 - 16.50	2.76	F #	-	-
Uranium	mg/L	07/02/2014	N001	11.50 - 16.50	1.100	F #	1.5E-05	-
	mg/L	08/14/2014	N003	11.50 - 16.50	1.141		0.0002	-
	mg/L	09/25/2014	N001	11.50 - 16.50	1.100	F #	0.00015	-
	mg/L	03/31/2015	N001	11.50 - 16.50	0.710	F #	2.9E-05	-
	mg/L	03/31/2015	N002	11.50 - 16.50	0.690	F #	2.9E-05	-
	mg/L	05/19/2015	N001	11.50 - 16.50	0.690	F #	0.00005	-
Vanadium	mg/L	07/02/2014	N001	11.50 - 16.50	0.280	F #	7.6E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-15 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO ₃)	mg/L	07/02/2014	0001	9.00 - 14.00	332	FQ #	-	-
	mg/L	08/14/2014	N001	9.00 - 14.00	367		-	-
	mg/L	09/25/2014	N001	9.00 - 14.00	343	F #	-	-
	mg/L	03/31/2015	N001	9.00 - 14.00	275	F #	-	-
	mg/L	05/19/2015	N001	9.00 - 14.00	295	F #	-	-
Arsenic	mg/L	07/02/2014	0001	9.00 - 14.00	0.012	FQ #	7.4E-05	-
Calcium	mg/L	07/02/2014	0001	9.00 - 14.00	310.000	FQ #	0.012	-
	mg/L	08/14/2014	N003	9.00 - 14.00	300		0.01	-
	mg/L	09/25/2014	N001	9.00 - 14.00	300.000	F #	0.012	-
	mg/L	03/31/2015	N001	9.00 - 14.00	230.000	F #	0.024	-
	mg/L	05/19/2015	N001	9.00 - 14.00	240.000	F #	0.035	-
Chloride	mg/L	07/02/2014	0001	9.00 - 14.00	72	FQ #	4	-
	mg/L	08/14/2014	N003	9.00 - 14.00	85		0.5	-
	mg/L	09/25/2014	N001	9.00 - 14.00	76	F #	4	-
	mg/L	03/31/2015	N001	9.00 - 14.00	87	F #	4	-
	mg/L	05/19/2015	N001	9.00 - 14.00	88	B F #	0.25	-
Dissolved Oxygen	mg/L	03/31/2015	N001	9.00 - 14.00	2.86	F #	-	-
	mg/L	05/19/2015	N001	9.00 - 14.00	1.60	F #	-	-
Fluoride	mg/L	07/02/2014	0001	9.00 - 14.00	0.47	FQ #	0.2	-
Iron	mg/L	07/02/2014	0001	9.00 - 14.00	0.170	FQ #	0.0049	-
Magnesium	mg/L	07/02/2014	0001	9.00 - 14.00	58.000	FQ #	0.013	-
	mg/L	08/14/2014	N003	9.00 - 14.00	64		0.05	-
	mg/L	09/25/2014	N001	9.00 - 14.00	59.000	F #	0.013	-
	mg/L	03/31/2015	N001	9.00 - 14.00	51.000	F #	0.03	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-15 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Magnesium	mg/L	05/19/2015	N001	9.00 - 14.00	51.000	F #	0.011	-
Manganese	mg/L	07/02/2014	0001	9.00 - 14.00	0.090	FQ #	0.00011	-
Molybdenum	mg/L	07/02/2014	0001	9.00 - 14.00	0.037	FQ #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/02/2014	0001	9.00 - 14.00	0.9	FQ #	0.01	-
	mg/L	09/25/2014	N001	9.00 - 14.00	0.99	F #	0.01	-
	mg/L	03/31/2015	N001	9.00 - 14.00	1.2	F #	0.01	-
	mg/L	05/19/2015	N001	9.00 - 14.00	0.74	F #	0.019	-
Oxidation Reduction Potential	mV	08/14/2014	N001	9.00 - 14.00	83.7		-	-
	mV	09/25/2014	N001	9.00 - 14.00	139.9	F #	-	-
	mV	03/31/2015	N001	9.00 - 14.00	177.3	F #	-	-
	mV	05/19/2015	N001	9.00 - 14.00	263.3	F #	-	-
pH	s.u.	07/02/2014	N001	9.00 - 14.00	6.77	FQ #	-	-
	s.u.	08/14/2014	N001	9.00 - 14.00	6.81		-	-
	s.u.	09/25/2014	N001	9.00 - 14.00	6.86	F #	-	-
	s.u.	03/31/2015	N001	9.00 - 14.00	6.94	F #	-	-
	s.u.	05/19/2015	N001	9.00 - 14.00	6.94	F #	-	-
Potassium	mg/L	07/02/2014	0001	9.00 - 14.00	9.800	FQ #	0.11	-
	mg/L	08/14/2014	N003	9.00 - 14.00	8.4		0.1	-
	mg/L	09/25/2014	N001	9.00 - 14.00	10.000	F #	0.11	-
	mg/L	03/31/2015	N001	9.00 - 14.00	6.000	F #	0.052	-
	mg/L	05/19/2015	N001	9.00 - 14.00	6.300	F #	0.24	-
Selenium	mg/L	07/02/2014	0001	9.00 - 14.00	0.027	FQ #	0.00016	-
Sodium	mg/L	07/02/2014	0001	9.00 - 14.00	100.000	FQ #	0.0066	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-15 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Sodium	mg/L	08/14/2014	N003	9.00 - 14.00	110		0.1	-
	mg/L	09/25/2014	N001	9.00 - 14.00	110.000	F #	0.0066	-
	mg/L	03/31/2015	N001	9.00 - 14.00	97.000	F #	0.047	-
	mg/L	05/19/2015	N001	9.00 - 14.00	110.000	B F #	0.092	-
Specific Conductance	umhos/c	07/02/2014	N001	9.00 - 14.00	2062	FQ #	-	-
	umhos/c	08/14/2014	N001	9.00 - 14.00	2023		-	-
	umhos/c	09/25/2014	N001	9.00 - 14.00	1911	F #	-	-
	umhos/c	03/31/2015	N001	9.00 - 14.00	1748	F #	-	-
	umhos/c	05/19/2015	N001	9.00 - 14.00	1815	F #	-	-
Sulfate	mg/L	07/02/2014	0001	9.00 - 14.00	740	FQ #	10	-
	mg/L	08/14/2014	N003	9.00 - 14.00	712		0.5	-
	mg/L	09/25/2014	N001	9.00 - 14.00	680	F #	10	-
	mg/L	03/31/2015	N001	9.00 - 14.00	590	F #	10	-
	mg/L	05/19/2015	N001	9.00 - 14.00	560	F #	2.3	-
Temperature	C	07/02/2014	N001	9.00 - 14.00	14.00	FQ #	-	-
	C	08/14/2014	N001	9.00 - 14.00	14.22		-	-
	C	09/25/2014	N001	9.00 - 14.00	15.61	F #	-	-
	C	03/31/2015	N001	9.00 - 14.00	12.4	F #	-	-
	C	05/19/2015	N001	9.00 - 14.00	10.00	F #	-	-
Total Dissolved Solids	mg/L	07/02/2014	0001	9.00 - 14.00	1600	FQ #	40	-
	mg/L	08/14/2014	N003	9.00 - 14.00	1580		5	-
	mg/L	09/25/2014	N001	9.00 - 14.00	1500	F #	40	-
Turbidity	NTU	07/02/2014	N001	9.00 - 14.00	48.2	FQ #	-	-
	NTU	08/14/2014	N001	9.00 - 14.00	6.81		-	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-15 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Turbidity	NTU	09/25/2014	N001	9.00 - 14.00	7.97	F #	-	-
	NTU	03/31/2015	N001	9.00 - 14.00	1.91	F #	-	-
	NTU	05/19/2015	N001	9.00 - 14.00	6.45	F #	-	-
Uranium	mg/L	07/02/2014	0001	9.00 - 14.00	0.390	FQ #	1.5E-05	-
	mg/L	08/14/2014	N003	9.00 - 14.00	0.388		0.0002	-
	mg/L	09/25/2014	N001	9.00 - 14.00	0.330	F #	0.00015	-
	mg/L	03/31/2015	N001	9.00 - 14.00	0.160	F #	2.9E-05	-
	mg/L	05/19/2015	N001	9.00 - 14.00	0.220	F #	0.00005	-
Vanadium	mg/L	07/02/2014	0001	9.00 - 14.00	0.330	FQ #	7.6E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-16 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO ₃)	mg/L	07/02/2014	N001	9.30 - 14.30	306	F #	-	-
	mg/L	08/14/2014	N001	9.30 - 14.30	320		-	-
	mg/L	09/25/2014	N001	9.30 - 14.30	338	F #	-	-
	mg/L	03/31/2015	N001	9.30 - 14.30	265	F #	-	-
	mg/L	05/19/2015	N001	9.30 - 14.30	280	F #	-	-
Arsenic	mg/L	07/02/2014	N001	9.30 - 14.30	0.014	F #	7.4E-05	-
Calcium	mg/L	07/02/2014	N001	9.30 - 14.30	310.000	F #	0.012	-
	mg/L	08/14/2014	N003	9.30 - 14.30	290		0.01	-
	mg/L	09/25/2014	N001	9.30 - 14.30	290.000	F #	0.012	-
	mg/L	03/31/2015	N001	9.30 - 14.30	230.000	F #	0.024	-
	mg/L	05/19/2015	N001	9.30 - 14.30	220.000	F #	0.035	-
Chloride	mg/L	07/02/2014	N001	9.30 - 14.30	52	F #	4	-
	mg/L	08/14/2014	N003	9.30 - 14.30	72		0.5	-
	mg/L	09/25/2014	N001	9.30 - 14.30	64	F #	4	-
	mg/L	03/31/2015	N001	9.30 - 14.30	86	F #	4	-
	mg/L	05/19/2015	N001	9.30 - 14.30	75	B F #	0.25	-
Dissolved Oxygen	mg/L	03/31/2015	N001	9.30 - 14.30	1.46	F #	-	-
	mg/L	05/19/2015	N001	9.30 - 14.30	0.42	F #	-	-
Fluoride	mg/L	07/02/2014	N001	9.30 - 14.30	0.5	F #	0.2	-
Iron	mg/L	07/02/2014	N001	9.30 - 14.30	0.160	F #	0.0049	-
Magnesium	mg/L	07/02/2014	N001	9.30 - 14.30	54.000	F #	0.013	-
	mg/L	08/14/2014	N003	9.30 - 14.30	60		0.05	-
	mg/L	09/25/2014	N001	9.30 - 14.30	55.000	F #	0.013	-
	mg/L	03/31/2015	N001	9.30 - 14.30	48.000	F #	0.03	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-16 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Magnesium	mg/L	05/19/2015	N001	9.30 - 14.30	45.000	F #	0.011	-
Manganese	mg/L	07/02/2014	N001	9.30 - 14.30	0.0051	F #	0.00011	-
Molybdenum	mg/L	07/02/2014	N001	9.30 - 14.30	0.053	F #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/02/2014	N001	9.30 - 14.30	0.33	F #	0.01	-
	mg/L	09/25/2014	N001	9.30 - 14.30	0.75	F #	0.01	-
	mg/L	03/31/2015	N001	9.30 - 14.30	0.77	F #	0.01	-
	mg/L	05/19/2015	N001	9.30 - 14.30	0.37	F #	0.019	-
Oxidation Reduction Potential	mV	08/14/2014	N001	9.30 - 14.30	61.6		-	-
	mV	09/25/2014	N001	9.30 - 14.30	111.4	F #	-	-
	mV	03/31/2015	N001	9.30 - 14.30	190.1	F #	-	-
	mV	05/19/2015	N001	9.30 - 14.30	270.8	F #	-	-
pH	s.u.	07/02/2014	N001	9.30 - 14.30	6.77	F #	-	-
	s.u.	08/14/2014	N001	9.30 - 14.30	6.79		-	-
	s.u.	09/25/2014	N001	9.30 - 14.30	6.81	F #	-	-
	s.u.	03/31/2015	N001	9.30 - 14.30	6.91	F #	-	-
	s.u.	05/19/2015	N001	9.30 - 14.30	6.95	F #	-	-
Potassium	mg/L	07/02/2014	N001	9.30 - 14.30	12.000	F #	0.11	-
	mg/L	08/14/2014	N003	9.30 - 14.30	11		0.1	-
	mg/L	09/25/2014	N001	9.30 - 14.30	13.000	F #	0.11	-
	mg/L	03/31/2015	N001	9.30 - 14.30	7.700	F #	0.052	-
	mg/L	05/19/2015	N001	9.30 - 14.30	8.000	F #	0.24	-
Selenium	mg/L	07/02/2014	N001	9.30 - 14.30	0.022	F #	0.00016	-
Sodium	mg/L	07/02/2014	N001	9.30 - 14.30	89.000	F #	0.0066	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-16 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Sodium	mg/L	08/14/2014	N003	9.30 - 14.30	100		0.1	-
	mg/L	09/25/2014	N001	9.30 - 14.30	95.000	F #	0.0066	-
	mg/L	03/31/2015	N001	9.30 - 14.30	92.000	F #	0.047	-
	mg/L	05/19/2015	N001	9.30 - 14.30	98.000	B F #	0.092	-
Specific Conductance	umhos/c	07/02/2014	N001	9.30 - 14.30	1865	F #	-	-
	umhos/c	08/14/2014	N001	9.30 - 14.30	1920		-	-
	umhos/c	09/25/2014	N001	9.30 - 14.30	1845	F #	-	-
	umhos/c	03/31/2015	N001	9.30 - 14.30	1695	F #	-	-
	umhos/c	05/19/2015	N001	9.30 - 14.30	1696	F #	-	-
Sulfate	mg/L	07/02/2014	N001	9.30 - 14.30	690	F #	10	-
	mg/L	08/14/2014	N003	9.30 - 14.30	714		0.5	-
	mg/L	09/25/2014	N001	9.30 - 14.30	680	F #	10	-
	mg/L	03/31/2015	N001	9.30 - 14.30	560	F #	10	-
	mg/L	05/19/2015	N001	9.30 - 14.30	520	F #	2.3	-
Temperature	C	07/02/2014	N001	9.30 - 14.30	12.09	F #	-	-
	C	08/14/2014	N001	9.30 - 14.30	14.48		-	-
	C	09/25/2014	N001	9.30 - 14.30	14.05	F #	-	-
	C	03/31/2015	N001	9.30 - 14.30	11.77	F #	-	-
	C	05/19/2015	N001	9.30 - 14.30	9.13	F #	-	-
Total Dissolved Solids	mg/L	07/02/2014	N001	9.30 - 14.30	1500	F #	40	-
	mg/L	08/14/2014	N003	9.30 - 14.30	1500		5	-
	mg/L	09/25/2014	N001	9.30 - 14.30	1500	F #	40	-
Turbidity	NTU	07/02/2014	N001	9.30 - 14.30	1.58	F #	-	-
	NTU	08/14/2014	N001	9.30 - 14.30	2.31		-	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-16 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Turbidity	NTU	09/25/2014	N001	9.30 - 14.30	6.48	F #	-	-
	NTU	03/31/2015	N001	9.30 - 14.30	2.94	F #	-	-
	NTU	05/19/2015	N001	9.30 - 14.30	9.37	F #	-	-
Uranium	mg/L	07/02/2014	N001	9.30 - 14.30	0.550	F #	1.5E-05	-
	mg/L	08/14/2014	N003	9.30 - 14.30	0.638		0.0002	-
	mg/L	09/25/2014	N001	9.30 - 14.30	0.570	F #	0.00015	-
	mg/L	03/31/2015	N001	9.30 - 14.30	0.270	F #	2.9E-05	-
	mg/L	05/19/2015	N001	9.30 - 14.30	0.330	F #	0.00005	-
Vanadium	mg/L	07/02/2014	N001	9.30 - 14.30	0.350	F #	7.6E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-17 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Alkalinity, Total (As CaCO3)	mg/L	07/01/2014	N001	6.62 - 11.62	329	F #	-	-
	mg/L	08/13/2014	0001	6.62 - 11.62	77		-	-
	mg/L	09/24/2014	N001	6.62 - 11.62	274	F #	-	-
	mg/L	03/31/2015	N001	6.62 - 11.62	274	F #	-	-
	mg/L	05/18/2015	N001	6.62 - 11.62	296	F #	-	-
Arsenic	mg/L	07/01/2014	N001	6.62 - 11.62	0.00084	F #	7.4E-05	-
Calcium	mg/L	07/01/2014	N001	6.62 - 11.62	280.000	F #	0.012	-
	mg/L	08/13/2014	0003	6.62 - 11.62	260		0.01	-
	mg/L	09/24/2014	N001	6.62 - 11.62	250.000	F #	0.012	-
	mg/L	03/31/2015	N001	6.62 - 11.62	220.000	F #	0.024	-
	mg/L	05/18/2015	N001	6.62 - 11.62	200.000	F #	0.035	-
Chloride	mg/L	07/01/2014	N001	6.62 - 11.62	40	F #	4	-
	mg/L	08/13/2014	0003	6.62 - 11.62	53		0.5	-
	mg/L	09/24/2014	N001	6.62 - 11.62	41	F #	2	-
	mg/L	03/31/2015	N001	6.62 - 11.62	100	F #	4	-
	mg/L	05/18/2015	N001	6.62 - 11.62	55	B F #	0.25	-
Dissolved Oxygen	mg/L	08/13/2014	N001	6.62 - 11.62	5.00		-	-
	mg/L	03/31/2015	N001	6.62 - 11.62	6.43	F #	-	-
	mg/L	05/18/2015	N001	6.62 - 11.62	5.54	F #	-	-
Fluoride	mg/L	07/01/2014	N001	6.62 - 11.62	0.55	F #	0.2	-
Iron	mg/L	07/01/2014	N001	6.62 - 11.62	0.930	F #	0.0049	-
Magnesium	mg/L	07/01/2014	N001	6.62 - 11.62	54.000	F #	0.013	-
	mg/L	08/13/2014	0003	6.62 - 11.62	64		0.05	-
	mg/L	09/24/2014	N001	6.62 - 11.62	52.000	F #	0.013	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-17 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Magnesium	mg/L	03/31/2015	N001	6.62 - 11.62	48.000	F #	0.03	-
	mg/L	05/18/2015	N001	6.62 - 11.62	42.000	F #	0.011	-
Manganese	mg/L	07/01/2014	N001	6.62 - 11.62	0.015	F #	0.00011	-
Molybdenum	mg/L	07/01/2014	N001	6.62 - 11.62	0.190	F #	0.00016	-
Nitrate + Nitrite as Nitrogen	mg/L	07/01/2014	N001	6.62 - 11.62	0.54	F #	0.01	-
	mg/L	09/24/2014	N001	6.62 - 11.62	0.92	F #	0.01	-
	mg/L	03/31/2015	N001	6.62 - 11.62	0.23	F #	0.01	-
	mg/L	05/18/2015	N001	6.62 - 11.62	0.18	F #	0.019	-
Oxidation Reduction Potential	mV	07/01/2014	N001	6.62 - 11.62	86.1	F #	-	-
	mV	08/13/2014	N001	6.62 - 11.62	193.7		-	-
	mV	03/31/2015	N001	6.62 - 11.62	98	F #	-	-
	mV	05/18/2015	N001	6.62 - 11.62	148.9	F #	-	-
pH	s.u.	07/01/2014	N001	6.62 - 11.62	7.28	F #	-	-
	s.u.	08/13/2014	N001	6.62 - 11.62	6.93		-	-
	s.u.	09/24/2014	N001	6.62 - 11.62	7.15	F #	-	-
	s.u.	03/31/2015	N001	6.62 - 11.62	7.23	F #	-	-
	s.u.	05/18/2015	N001	6.62 - 11.62	7.27	F #	-	-
Potassium	mg/L	07/01/2014	N001	6.62 - 11.62	5.800	F #	0.11	-
	mg/L	08/13/2014	0003	6.62 - 11.62	6.2		0.1	-
	mg/L	09/24/2014	N001	6.62 - 11.62	6.600	F #	0.11	-
	mg/L	03/31/2015	N001	6.62 - 11.62	4.100	F #	0.052	-
	mg/L	05/18/2015	N001	6.62 - 11.62	3.900	F #	0.24	-
Selenium	mg/L	07/01/2014	N001	6.62 - 11.62	0.0094	F #	0.00016	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-17 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Sodium	mg/L	07/01/2014	N001	6.62 - 11.62	97.000	F #	0.0066	-
	mg/L	08/13/2014	0003	6.62 - 11.62	120		0.1	-
	mg/L	09/24/2014	N001	6.62 - 11.62	91.000	F #	0.0066	-
	mg/L	03/31/2015	N001	6.62 - 11.62	90.000	F #	0.047	-
	mg/L	05/18/2015	N001	6.62 - 11.62	90.000	B F #	0.092	-
Specific Conductance	umhos/c	07/01/2014	N001	6.62 - 11.62	1740	F #	-	-
	umhos/c	08/13/2014	N001	6.62 - 11.62	1846		-	-
	umhos/c	09/24/2014	N001	6.62 - 11.62	1699	F #	-	-
	umhos/c	03/31/2015	N001	6.62 - 11.62	1705	F #	-	-
	umhos/c	05/18/2015	N001	6.62 - 11.62	1535	F #	-	-
Sulfate	mg/L	07/01/2014	N001	6.62 - 11.62	680	F #	10	-
	mg/L	08/13/2014	0003	6.62 - 11.62	750		0.5	-
	mg/L	09/24/2014	N001	6.62 - 11.62	670	F #	5	-
	mg/L	03/31/2015	N001	6.62 - 11.62	550	F #	10	-
	mg/L	05/18/2015	N001	6.62 - 11.62	440	F #	2.3	-
Temperature	C	07/01/2014	N001	6.62 - 11.62	12.85	F #	-	-
	C	08/13/2014	N001	6.62 - 11.62	22.46		-	-
	C	09/24/2014	N001	6.62 - 11.62	16.10	F #	-	-
	C	03/31/2015	N001	6.62 - 11.62	10.07	F #	-	-
	C	05/18/2015	N001	6.62 - 11.62	9.92	F #	-	-
Total Dissolved Solids	mg/L	07/01/2014	N001	6.62 - 11.62	1500	F #	40	-
	mg/L	08/13/2014	0003	6.62 - 11.62	1450		5	-
	mg/L	09/24/2014	N001	6.62 - 11.62	1300	F #	40	-
Turbidity	NTU	07/01/2014	N001	6.62 - 11.62	4.26	F #	-	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-17 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
Turbidity	NTU	08/13/2014	N001	6.62 - 11.62	28.1		-	-
	NTU	09/24/2014	N001	6.62 - 11.62	3.44	F #	-	-
	NTU	03/31/2015	N001	6.62 - 11.62	4.22	F #	-	-
	NTU	05/18/2015	N001	6.62 - 11.62	1.93	F #	-	-
Uranium	mg/L	07/01/2014	N001	6.62 - 11.62	0.630	F #	1.5E-05	-
	mg/L	08/13/2014	0003	6.62 - 11.62	1.121		0.0002	-
	mg/L	09/24/2014	N001	6.62 - 11.62	0.690	F #	0.00015	-
	mg/L	03/31/2015	N001	6.62 - 11.62	0.440	F #	2.9E-05	-
	mg/L	05/18/2015	N001	6.62 - 11.62	0.380	F #	0.00005	-
Vanadium	mg/L	07/01/2014	N001	6.62 - 11.62	0.018	F #	7.6E-05	-

GROUNDWATER QUALITY DATA BY LOCATION (USEE100) FOR SITE MNT01, Monticello Disposal & Process Sites

LOCATION: MW-17 <well>

REPORT DATE: 10/7/2015 1:05 pm

PARAMETER	UNITS	SAMPLE: DATE	ID	DEPTH. RANGE	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
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RECORDS: SELECTED FROM USEE100 WHERE site_code='MNT01' AND location_code in('MW-01','MW-03','MW-04','MW-05','MW-06','MW-07','MW-08','MW-09','MW-10','MW-11','MW-12','MW-13','MW-14','MW-15','MW-16','MW-17') AND (data_validation_qualifiers IS NULL OR data_validation_qualifiers NOT LIKE '%R%' AND data_validation_qualifiers NOT LIKE '%X%')

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

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

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Appendix G

Area of Attainment Groundwater Level Data, July 2014 Through April 2015

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STATIC WATER LEVELS (USEE700) FOR SITE MNT01, Monticello Disposal & Process Sites
 REPORT DATE: 10/7/2015 1:09 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
			DATE	TIME			
MW-01		6803.97	07/03/2014	08:35	8.67	6795.30	
		6802.53	09/24/2014	13:15	7.54	6794.99	
		6802.53	03/31/2015	13:15	5.37	6797.16	
		6802.53	05/18/2015	14:15	5.50	6797.03	
		6802.53	08/17/2015	12:20	6.83	6795.70	
MW-03		6803.76	07/02/2014	09:30	9.13	6794.63	
		6803.76	08/13/2014	16:40	9.70	6794.06	B
		6801.36	09/24/2014	15:35	6.80	6794.56	
		6801.36	03/31/2015	14:35	4.29	6797.07	
		6801.36	05/18/2015	15:00	4.37	6796.99	
		6801.36	08/17/2015	16:55	5.44	6795.92	
		6801.36	10/05/2015	16:40	5.98	6795.38	
MW-04		6804.27	07/01/2014	16:10	9.46	6794.81	
		6804.27	08/13/2014	16:05	10.84	6793.43	
		6802.59	09/24/2014	13:45	8.56	6794.03	
		6802.59	03/31/2015	15:15	5.56	6797.03	
		6802.59	05/18/2015	15:20	5.76	6796.83	
		6802.59	08/17/2015	13:35	7.09	6795.50	
		6802.59	10/05/2015	16:20	7.70	6794.89	
MW-05		6807.59	07/02/2014	13:30	13.55	6794.04	
		6807.59	08/14/2014	16:45	14.54	6793.05	
		6805.55	09/24/2014	14:20	11.77	6793.78	
		6805.55	03/31/2015	15:45	8.80	6796.75	
		6805.55	05/18/2015	15:40	9.06	6796.49	
		6805.55	08/17/2015	14:40	10.44	6795.11	
		6805.55	10/05/2015	15:55	11.04	6794.51	
MW-06		6803.70	07/02/2014	10:25	10.80	6792.90	
		6803.70	08/14/2014	10:05	11.45	6792.25	
		6800.34	09/24/2014	16:10	7.55	6792.79	
		6800.34	04/01/2015	09:55	5.23	6795.11	
		6800.34	05/18/2015	17:10	5.30	6795.04	
		6800.34	08/18/2015	08:45	6.09	6794.25	
		6800.34	10/05/2015	17:10	6.71	6793.63	
MW-07		6803.85	07/02/2014	12:20	10.99	6792.86	
		6803.85	08/13/2014	17:10	11.90	6791.95	
		6801.01	09/24/2014	16:45	8.36	6792.65	
		6801.01	04/01/2015	08:45	6.05	6794.96	

STATIC WATER LEVELS (USEE700) FOR SITE MNT01, Monticello Disposal & Process Sites
 REPORT DATE: 10/7/2015 1:09 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
			DATE	TIME			
MW-07		6801.01	05/18/2015	16:50	6.05	6794.96	
		6801.01	08/17/2015	14:05	7.00	6794.01	
		6801.01	10/05/2015	17:30	7.50	6793.51	
MW-08		6803.41	07/01/2014	16:55	10.57	6792.84	
		6803.41	08/14/2014	11:15	11.31	6792.10	
		6802.63	09/24/2014	17:35	9.94	6792.69	
		6802.63	04/01/2015	08:20	7.69	6794.94	
		6802.63	05/18/2015	16:30	7.68	6794.95	
		6802.63	08/17/2015	15:05	8.65	6793.98	
		6802.63	10/05/2015	17:45	9.10	6793.53	
MW-09		6801.83	07/02/2014	10:50	9.14	6792.69	
		6801.83	08/14/2014	13:05	9.74	6792.09	
		6798.94	09/25/2014	08:50	6.42	6792.52	
		6798.94	04/01/2015	10:25	4.16	6794.78	
		6798.94	05/19/2015	09:05	4.13	6794.81	
		6798.94	08/18/2015	09:30	4.95	6793.99	
		6798.94	10/05/2015	18:05	5.45	6793.49	
MW-10		6801.43	07/01/2014	18:10	8.59	6792.84	
		6801.43	08/14/2014	14:30	9.31	6792.12	
		6800.03	09/25/2014	08:20	7.46	6792.57	
		6800.03	04/01/2015	10:45	5.10	6794.93	
		6800.03	05/19/2015	08:40	5.09	6794.94	
		6800.03	08/17/2015	14:20	6.09	6793.94	
		6800.03	10/06/2015	10:55	6.37	6793.66	
MW-11		6804.39	07/01/2014	17:50	11.60	6792.79	
		6804.39	08/14/2014	15:15	12.30	6792.09	
		6800.80	09/24/2014	18:30	8.20	6792.60	
		6800.80	04/01/2015	11:15	5.96	6794.84	
		6800.80	05/19/2015	08:15	5.91	6794.89	
		6800.80	08/17/2015	15:25	6.91	6793.89	
		6800.80	10/06/2015	11:15	7.17	6793.63	
MW-12		6800.86	07/02/2014	11:20	8.35	6792.51	
		6800.86	08/14/2014	16:35	8.87	6791.99	
		6797.99	09/25/2014	09:20	5.61	6792.38	
		6797.99	04/01/2015	12:00	3.55	6794.44	
		6797.99	05/19/2015	11:05	3.48	6794.51	
		6797.99	08/18/2015	09:10	4.28	6793.71	

STATIC WATER LEVELS (USEE700) FOR SITE MNT01, Monticello Disposal & Process Sites
 REPORT DATE: 10/7/2015 1:09 pm

LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
			DATE	TIME			
MW-12		6797.99	10/06/2015	09:20	4.62	6793.37	
MW-13		6802.31	07/02/2014	15:50	9.92	6792.39	
		6802.31	08/14/2014	15:55	10.42	6791.89	
		6799.17	09/25/2014	09:55	6.88	6792.29	
		6799.17	04/01/2015	11:40	4.96	6794.21	
		6799.17	05/19/2015	10:45	4.93	6794.24	
		6799.17	08/18/2015	10:05	5.63	6793.54	
		6799.17	10/06/2015	10:35	5.99	6793.18	
MW-14		6804.04	07/02/2014	15:05	11.85	6792.19	
		6804.04	08/14/2014	17:05	12.33	6791.71	
		6799.92	09/25/2014	11:55	7.75	6792.17	
		6799.92	03/31/2015	16:40	6.07	6793.85	
		6799.92	05/19/2015	10:30	5.96	6793.96	
		6799.92	08/17/2015	15:55	6.73	6793.19	
		6799.92	10/06/2015	10:15	6.98	6792.94	
MW-15		6799.27	07/02/2014	10:35	6.85	6792.42	
		6799.27	08/14/2014	17:50	7.27	6792.00	
		6797.64	09/25/2014	13:20	5.30	6792.34	
		6797.64	03/31/2015	12:30	3.43	6794.21	
		6797.64	05/19/2015	13:00	3.30	6794.34	
		6797.64	08/17/2015	16:30	4.21	6793.43	
		6797.64	10/06/2015	09:40	4.42	6793.22	
MW-16		6801.88	07/02/2014	14:30	9.67	6792.21	
		6801.88	08/14/2014	17:25	10.08	6791.80	
		6798.06	09/25/2014	12:15	5.94	6792.12	
		6798.06	03/31/2015	17:10	4.28	6793.78	
		6798.06	05/19/2015	12:35	4.20	6793.86	
		6798.06	08/17/2015	16:15	4.93	6793.13	
		6798.06	10/06/2015	09:55	5.11	6792.95	
MW-17		6807.51	07/01/2014	15:45	13.16	6794.35	
		6807.51	08/13/2014	15:20	14.00	6793.51	
		6803.23	09/24/2014	14:55	9.14	6794.09	
		6803.23	03/31/2015	14:00	6.19	6797.04	
		6803.23	05/18/2015	16:05	6.30	6796.93	
		6803.23	08/17/2015	12:40	7.69	6795.54	
		6803.23	10/05/2015	15:40	8.32	6794.91	

STATIC WATER LEVELS (USEE700) FOR SITE MNT01, Monticello Disposal & Process Sites
REPORT DATE: 10/7/2015 1:09 pm

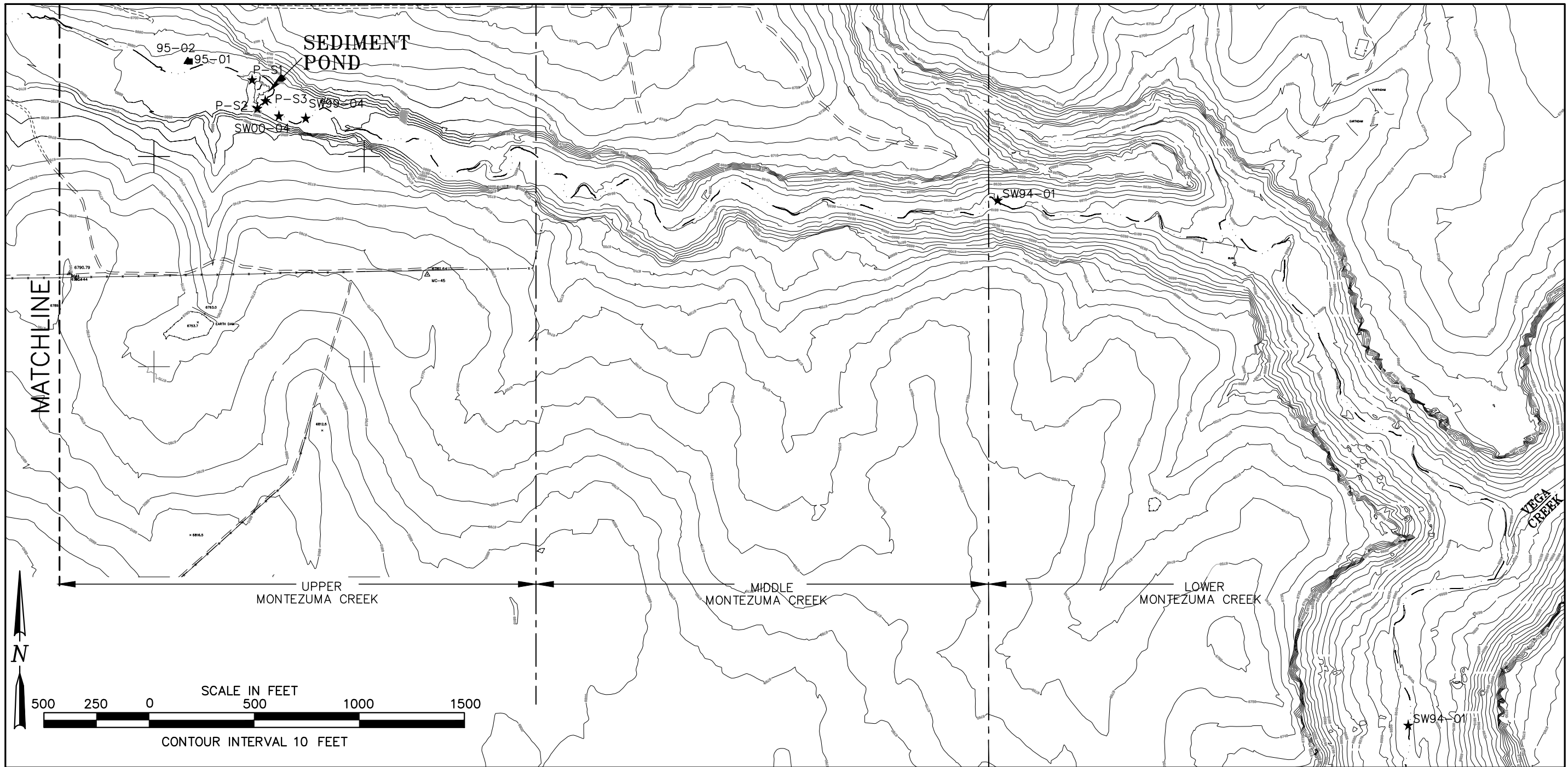
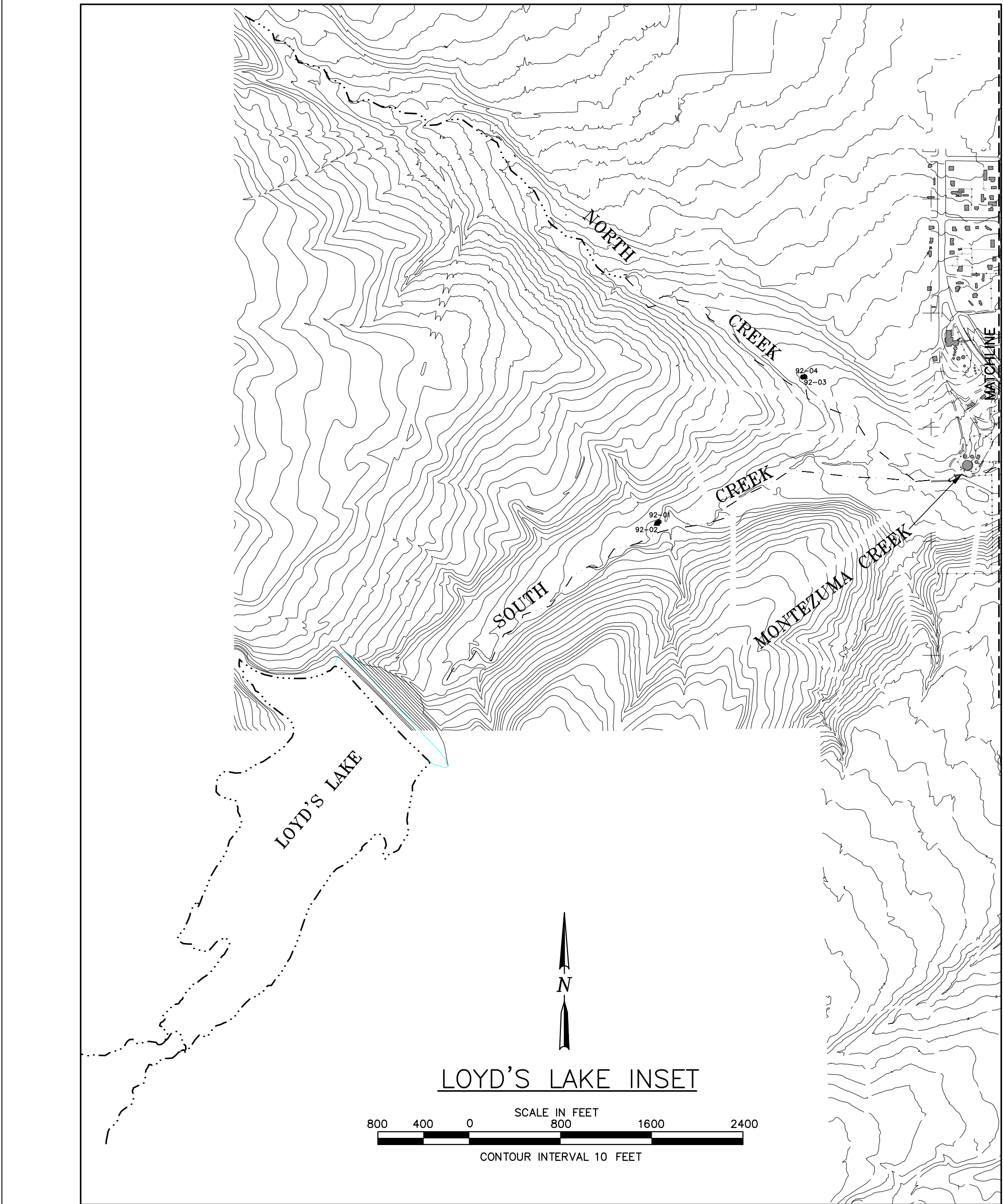
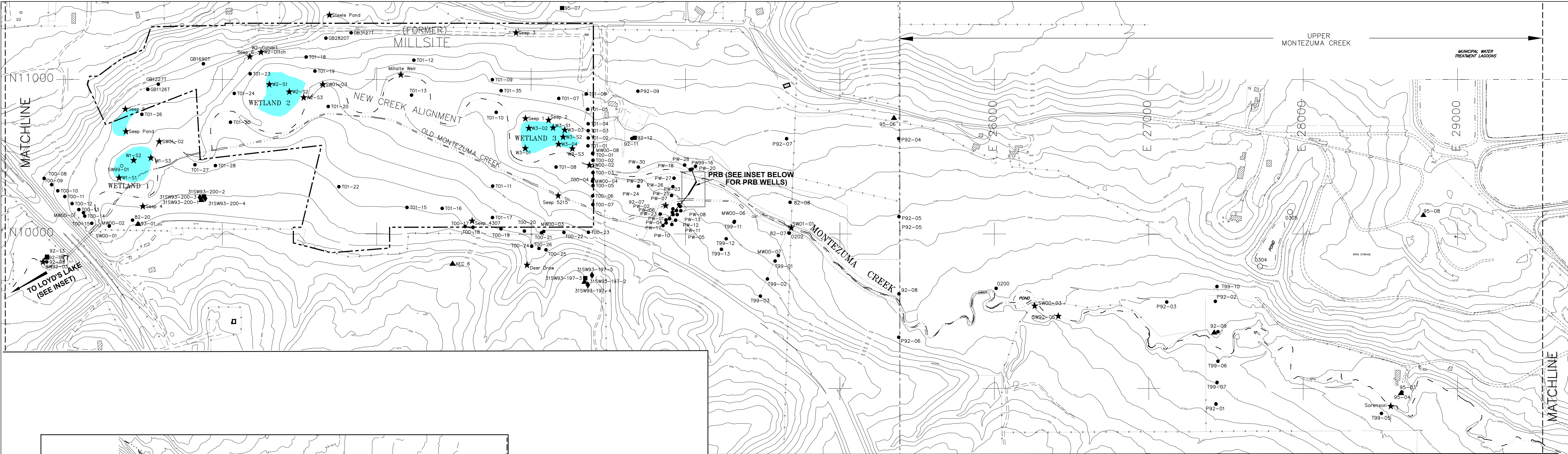
LOCATION CODE	FLOW CODE	TOP OF CASING ELEVATION (FT)	MEASUREMENT		DEPTH FROM TOP OF CASING (FT)	WATER ELEVATION (FT)	WATER LEVEL FLAG
			DATE	TIME			

RECORDS: SELECTED FROM USEE700 WHERE site_code='MNT01' AND location_code in('MW-01','MW-03','MW-04','MW-05','MW-06','MW-07','MW-08','MW-09','MW-10','MW-11','MW-12','MW-13','MW-14','MW-15','MW-16','MW-17')

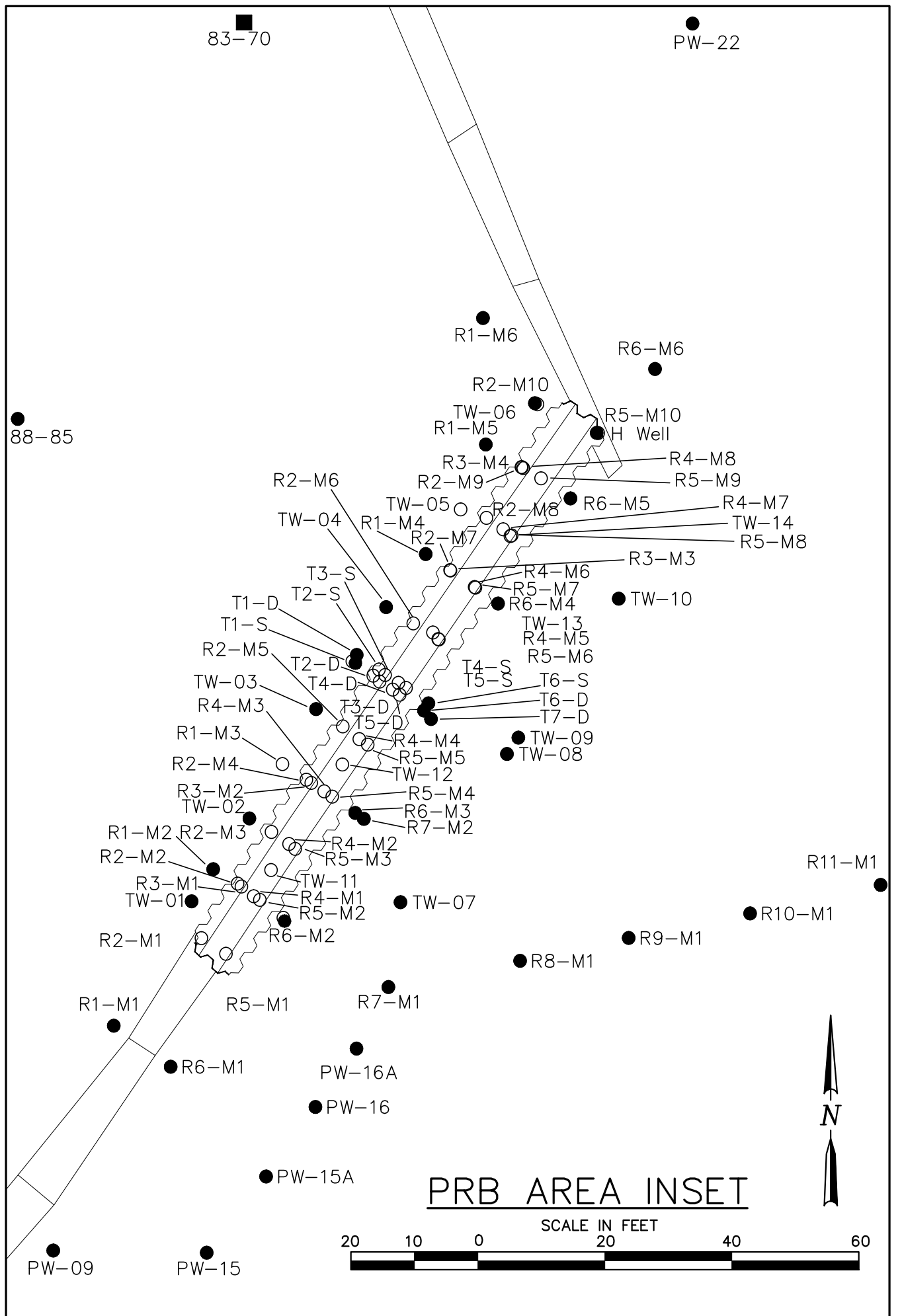
FLOW CODES:

WATER LEVEL FLAGS:

- B Water level is below the top of the pump



- 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



U.S. DEPARTMENT OF ENERGY GRAND JUNCTION, COLORADO	Work Performed by S.M. Stoller Corporation Under DOE Contract No. DE-LM0000415
MMTS OU III SURFACE WATER AND GROUNDWATER LOCATIONS AND LOYDS LAKE LOCATION	
DATE PREPARED: OCTOBER 07, 2014	FILENAME: S1216500