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DOE–LM/1552–2007

Mound Site

Parcel 6, 7, and 8 Groundwater Monitoring Report Calendar Year 2006

November 2007

U.S. Department of Energy

Office of Legacy Management

Work Performed Under DOE Contract No. DE–AC01–02GJ79491
for the U.S. Department of Energy Office of Legacy Management.
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010407-0810160003

Department of Energy
Office of Legacy Management

November 14, 2007

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Chicago, IL 60604

Mr. Brian Nickel
Ohio EPA
Southwest District Office
401 E. 5th Street
Dayton, OH 45402-2911

Subject: Parcel 6, 7, and 8 Groundwater Monitoring Report – Calendar Year 2006

Dear Mr. Fischer & Mr. Nickel:

Enclosed is the *Parcel 6, 7, and 8 Groundwater Monitoring Report - Calendar Year 2006* that was prepared in support of the selected remedy for Phase I as outlined in the *Record of Decision*. This report represents the third submittal of an annual report documenting the progress of the MNA remedy for Parcels 6, 7, and 8. All sampling and data analyses were performed in accordance with the *Parcel 6, 7, and 8 Remedy Groundwater Monitoring Plan.*

The report includes data collected during the four quarterly groundwater sampling events performed during 2006.

The report also documents any operational changes that occurred during the reporting period and identified any maintenance or repair activities associated with the monitoring wells being sampled.

If you have any questions regarding the attached report, please contact me at 937-847-8350 Ext. 318.

Sincerely,

Arthur W. Kleinrath
DOE/LM Mound Site Manager

Enclosure

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DOE-LM/1552-2007

Mound Site

Parcel 6, 7, and 8 Groundwater Monitoring Report
Calendar Year 2006

November 2007

Work Performed by S.M. Stoller Corporation under DOE Contract No. DE–AC01–02GJ79491
for the U.S. Department of Energy Office of Legacy Management, Grand Junction, Colorado

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1.0 Introduction

Parcels 6, 7, and 8 occupy approximately 101 acres of the northern portion of the Mound Plant site. The main production facilities were located within parcels 6 and 8, and this area is referred to as the Main Hill area. A tributary valley runs between these two parcels and parcel 7. This tributary valley contains a narrow tongue of glacial deposits that are in hydraulic communication with the Buried Valley Aquifer (BVA). Groundwater within the fractured bedrock beneath the Main Hill area and topographic highs within parcel 7 flows along horizontal bedding planes and fractures and ultimately discharges to seeps or to the downgradient BVA.

Two monitoring wells in the BVA indicate volatile organic compound (VOC) impact, primarily trichloroethylene (TCE) that exceeds maximum concentration limits (MCLs) established under the Safe Drinking Water Act (SDWA). Monitored natural attenuation (MNA) is being proposed as the remedy for the volatile organic contamination in the groundwater associated with the Main Hill. Sampling is being performed to assess the contaminant concentrations and to ensure that the downgradient BVA is not being affected.

Also associated with this area are seeps located along the Main Hill of the plant property. Two of these seeps are located within the plant property boundary, and the remaining four are located off site to the north. Several seeps in this area exhibit elevated levels of tritium and VOCs. One seep also exhibits levels of radium (Ra)-226, Ra-228, and strontium (Sr)-90. These seeps and several downgradient wells are being monitored to verify that source removal (buildings and soil) on the Main Hill will result in decreasing concentrations over time.

1.1 Purpose

This groundwater monitoring report was prepared to provide a summary of the data collected for these locations to date. All sampling and data analyses were performed in accordance with the *Parcel 6, 7, and 8 Remedy (Monitored Natural Attenuation) Groundwater Monitoring Plan* (Final Draft) (DOE 2006a).

The report includes data collected during the four quarterly groundwater sampling events performed during 2006. In addition, historical data is summarized. Data is presented in both time series plots and map view plots (contained in Appendix A). The time series plots will be utilized to determine data trends.

The report also documents any operational changes that occurred during the reporting period and identifies any maintenance or repair activities associated with the monitoring wells being sampled.

2.0 Monitoring Program

Groundwater in parcels 6, 7, and 8 is monitored for TCE and its degradation products to verify that the downgradient BVA is not affected and that concentrations are decreasing over time. In addition, groundwater discharging from seeps is monitored for TCE and its degradation products, tritium, and radioisotopes (Sr-90, Ra-226, and Ra-228) to verify the hypothesis that source removal will cause concentrations to decrease over time.

The sampling is separated into two programs that relate to the areas of impact. These areas are:

- *Well 0315/0347 Area*—Wells located at the start of the BVA on the southwestern corner of parcel 8 that exhibit elevated VOCs. The program consists of wells that have TCE greater than the MCL and downgradient wells to the west.
- *Main Hill Seeps*—Seeps located on the northern and southern sides of the Main Hill that exhibit elevated VOCs and tritium. The program consists of seeps and downgradient wells to the west.

Under the parcel 6, 7, and 8 MNA monitoring program, samples are collected quarterly for selected wells and seeps (Figure 1) and analyzed as outlined in Sections 4.1 and 4.2 of the *Parcel 6, 7, and 8 Remedy (Monitored Natural Attenuation) Groundwater Monitoring Plan* (Final Draft) (DOE 2006a) and summarized in the following sections.

2.1 Well 0315/0347 Monitoring

The two source wells and other select downgradient BVA wells are monitored for VOCs—namely, tetrachloroethylene (PCE), dichloroethylene (DCE), TCE, and vinyl chloride. A summary of the monitoring locations is provided in Table 1.

Table 1. Monitoring for the Well 0315/0347 Area

Monitoring Location	Area	Parameters
Well 0315	Source Wells	TCE PCE DCE Vinyl Chloride
Well 0347		
Well 0124	Downgradient BVA Monitoring	
Well 0126		
Well 0386		
Well 0387		
Well 0389		
Well 0392		

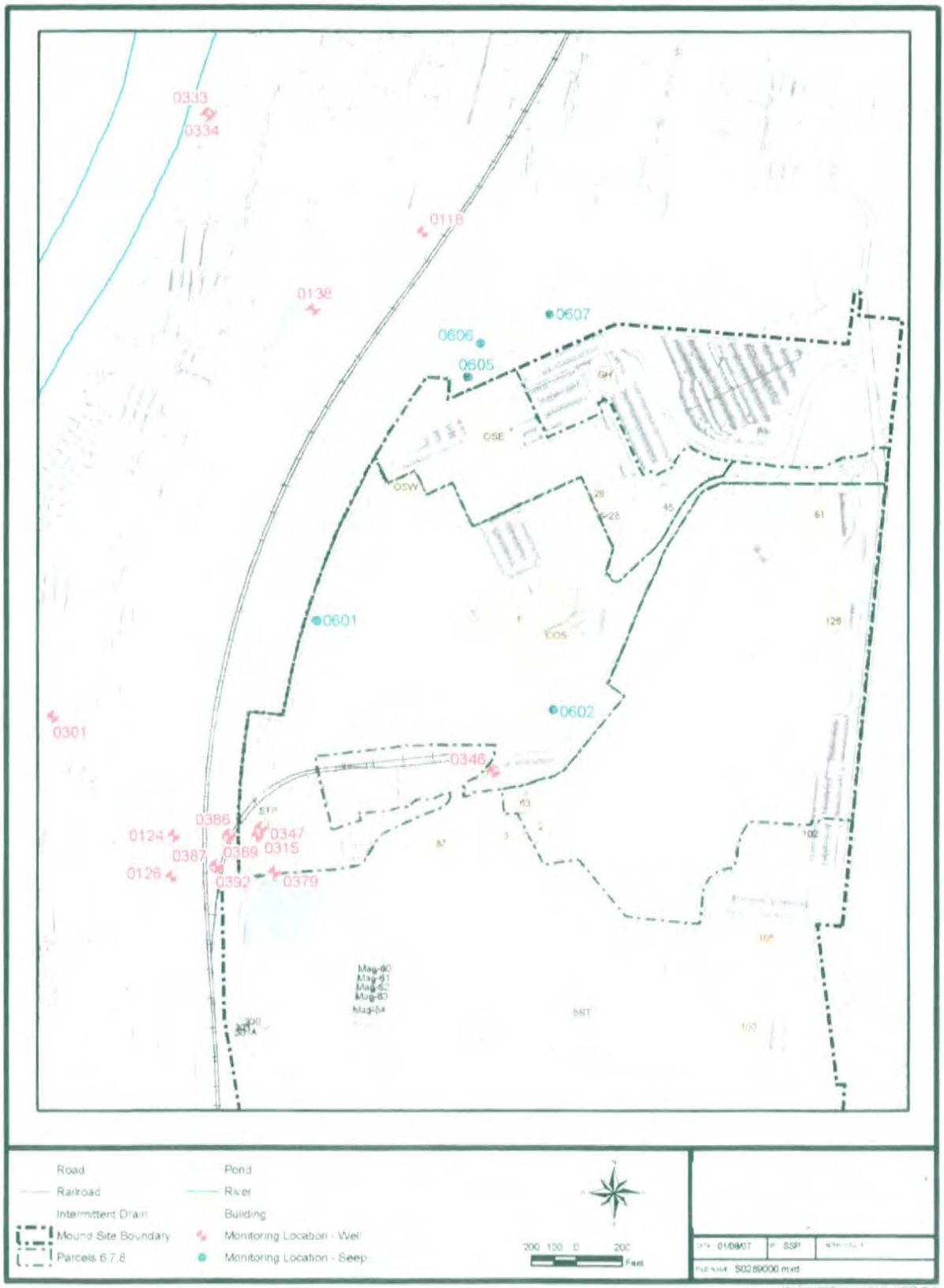

Figure 1. Parcel 6, 7, and 8 Groundwater and Seep Monitoring Locations

2.2 Main Hill Seep Monitoring

Water from seeps 0601, 0602, 0605, 0606, 0607, and 0608 is collected and tested for VOC and radiological constituents as shown in Table 2. Wells located within the BVA downgradient of the bedrock groundwater discharge area of the Main Hill will also be sampled to monitor the levels of tritium and VOC contamination in the BVA.

Table 2. Monitoring for the Main Hill Seeps and Groundwater

Monitoring Location	Area	Parameters
Seep 0601	Main Hill Seeps	TCE PCE DCE Vinyl Chloride Ra-226 and Ra-228 Tritium Sr-90
Seep 0602		TCE PCE DCE Vinyl Chloride Tritium
Seep 0605		
Seep 0606		
Seep 0607		
Seep 0608		
Well 0118	Downgradient BVA Monitoring Wells	TCE PCE DCE Vinyl Chloride Tritium
Well 0138		
Well 0301		
Well 0333		
Well 0334		
Well 0346		
Well 0379		

2.3 Triggers

The contaminant data are evaluated against previous data collected at each location to determine if downward trends are occurring. Trigger levels and response actions have been established for each contaminant as presented in the *Parcel 6, 7, and 8 Remedy (Monitored Natural Attenuation) Groundwater Monitoring Plan* (Draft) (DOE 2006a). The triggers are summarized in Table 3.

Exceedence of these trigger levels requires notification to the federal and state Environmental Protection Agency (EPA). After notification, the core team (the U.S. EPA, the Ohio EPA, and the U.S. Department of Energy [DOE]) will determine an appropriate course of action.

Table 3. Trigger Levels for Parcel 6, 7, and 8 Monitoring Locations

Location	TCE (µg/L)	PCE (µg/L)	Tritium (nCi/L)	Ra-226/228 (pCi/L)	Sr-90 (pCi/L)
0315	30				
0347	30				
0124	5				
0126	5				
0386	5				
0387	5				
0389	5				
0392	5				
0601 (seep)		75	1,500	20	20
0605 (seep)	150				

3.0 Summary of Historical Data

Monitoring wells and seeps in parcels 6, 7, and 8 have concentrations that exceed MCLs for VOCs (primarily, TCE) and radiological parameters (namely, tritium). It is proposed in the *Parcel 6, 7, and 8 Proposed Plan* (Draft) (DOE 2007) to address these contaminants in groundwater through MNA. The following sections provide a summary of the historical data from the monitoring wells and seeps in this area. The annual averages for contaminants are presented graphically. A review of the annual averages for each location gives a general indication of the data trends.

3.1 TCE in the Well 0315/0347 Area

Groundwater in the vicinity of wells 0315 and 0347 has historically had the highest concentrations of TCE in the parcel 6, 7, and 8 area. These wells are located in the southwest corner of parcel 8 on the edge of the BVA. Figure 2 presents the annual average TCE concentrations in wells 0315 and 0347; it also shows the annual average TCE concentrations in wells 0386 and 0389, which are located downgradient of 0315 and 347 and have historically shown TCE impact. The average concentration of TCE in wells 0315 and 0347 exceeded the MCL of 5 micrograms per liter (µg/L). Annual average TCE concentrations in well 0347 generally trended upward after 2002 and coincided with the remediation of buildings and soil on the Main Hill. Well 0315 had a slight upward trend, but it showed a significant decrease in 2006. The annual averages of TCE in wells 0386 and 0389 have been below the MCL since 2000. Other wells (0124, 0126, 0387, and 0392) have generally had no detectable concentrations of TCE reported.

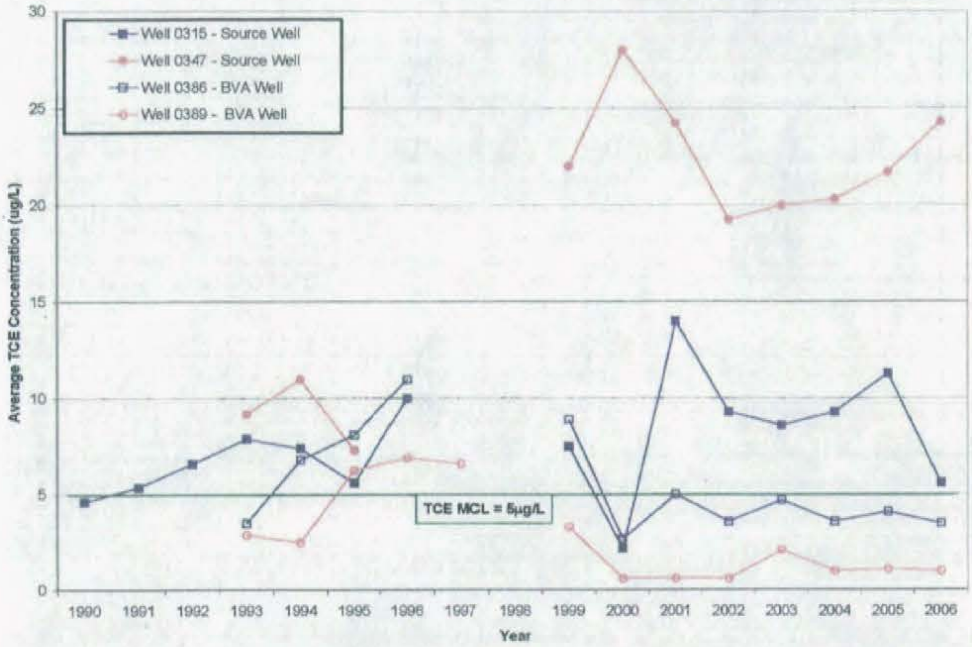

Figure 2. Annual Average TCE Concentrations in Wells 0315, 0347, 0386, and 0389

3.2 TCE in the Main Hill Seeps and Groundwater

Samples from the seeps associated with the Main Hill have been collected since 1987 and more routinely since 1990. Figure 3 presents the annual average TCE concentrations in seeps 0601, 0602, 0605, 0606, 0607, and 0608. Generally, the impact of TCE was less than the MCL of 5 µg/L except in seeps 0601, 0605, and 0606. Elevated concentrations of TCE were observed in seep 0602; however, these levels decreased considerably after 1993. Starting in 2000, the annual average for TCE in all of the seeps except seep 0608 indicated an upward trend in concentrations. Significant increases were observed in 2005 when a substantial amount of the remediation of the Main Hill buildings and soils was being performed. The annual average of TCE in seeps 0601, 0602, 0605, 0606, and 0607 has exceeded the MCL at some time since 2004. Based on the 2006 annual averages, some decreases have occurred.

Monitoring wells downgradient of the seeps have been sampled for VOCs to evaluate the impact on the downgradient BVA. These wells have not been routinely monitored for VOCs until recently. Generally, no detectable concentrations have been reported.

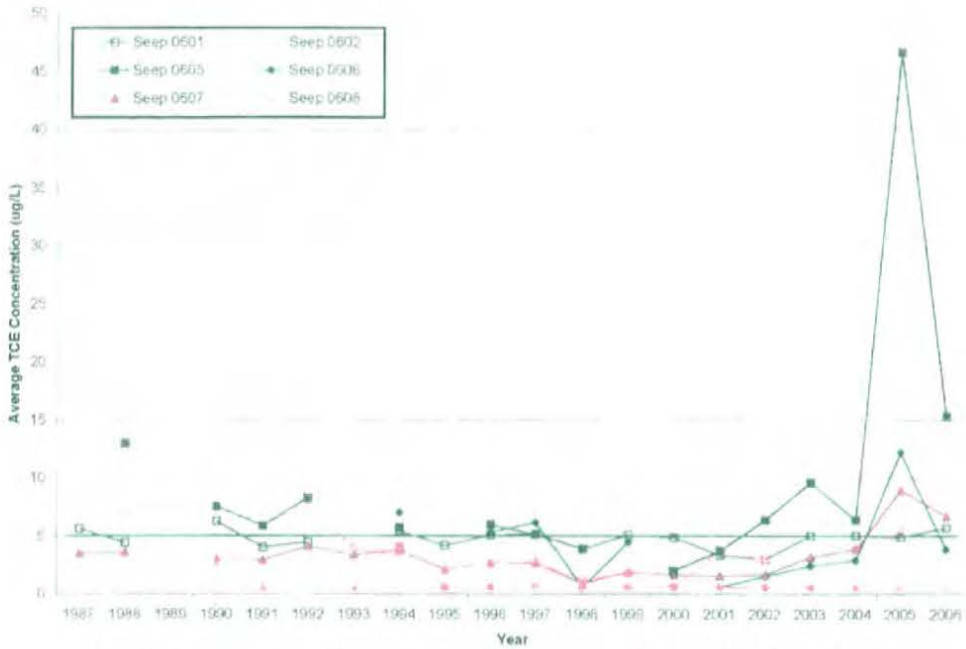

Figure 3. Annual Average TCE Concentrations in the Main Hill Seeps

3.3 Tritium and Other Radiological Parameters in the Main Hill Seeps and Groundwater

Elevated tritium levels have been measured in water samples obtained from the Main Hill seeps. Figure 4 presents the annual average tritium activity in seeps 0601, 0602, 0605, 0606, 0607, and 0608. Average tritium activity exceeded the MCL of 20 nanocuries per liter (nCi/L) in most of the seeps over time, with the highest activities observed in seeps 0601 and 0605. Levels in seeps 0601, 0602, 0605, and 0607 increased in 2004, the year when the remediation of contaminated buildings and soils on the Main Hill began. Data from 2006 may show an overall decrease in levels.

Samples collected from wells downgradient of the seeps indicate that tritium has made an impact on the groundwater. Figure 5 presents the annual average tritium activity in eight monitoring wells that showed significant tritium impact. Data from other wells that showed little or no impact were not included on this chart. It should be noted that none of the annual averages exceeded the MCL of 20 nCi/L in the groundwater downgradient of the seeps. Data from the three long-term wells included on the chart (0346, 0347, and 0379) indicate no changes in tritium levels over time. Levels again increased in several wells after 2004, the year when the remediation of contaminated buildings and soils on the Main Hill began.

Sr and Ra isotopes were initially sampled in 1994. More recently, Sr-90, Ra-226, and Ra-228 were analyzed, starting in 2005. Elevated levels of these isotopes were detected primarily in seep 0601.

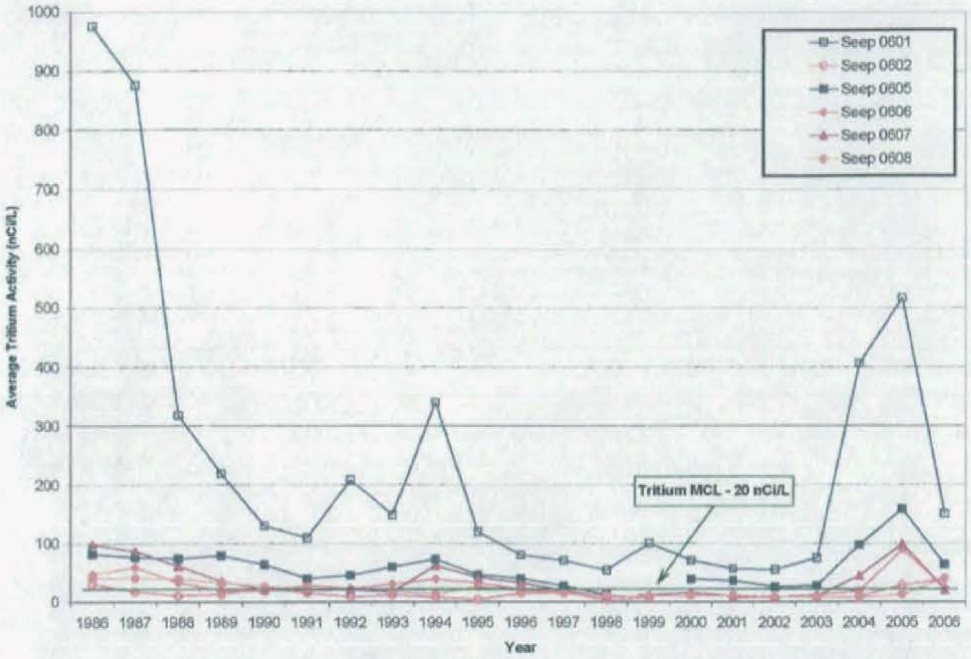

Figure 4. Annual Average Tritium Activity in the Main Hill Seeps

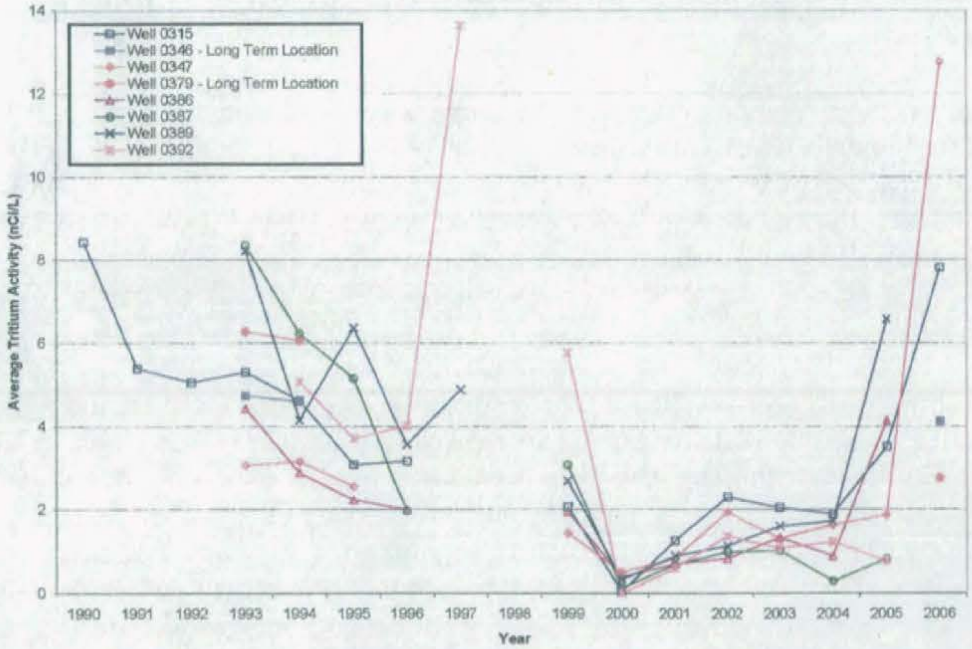

Figure 5. Annual Average Tritium Activity in Wells Downgradient of Seeps

4.0 2006 Monitoring Results

4.1 Well 0315/0347 Monitoring

Monitoring results for 2006 (Table 4) continue to show the detection of TCE in wells 0315, 0347, 0386, and 0389, with the highest concentrations in wells 0315 and 0347 (source wells).

Wells 0386 and 0389 are located downgradient of the source wells, and in the past, they have exhibited concentrations greater than the MCL. No detectable concentrations of TCE were observed in the remainder of the wells. All TCE concentrations were below applicable trigger levels, except for the fourth-quarter sample from well 0347. Low levels of PCE were detected in wells 0126, 0315, 0386, 0387, 0389, and 0392. No trigger levels are established for PCE. No detectable concentrations of DCE or vinyl chloride were found in any of these wells.

Table 4. Summary of VOC Results in the 0315 and 0347 Area

Well ID	Location	Parameter	Q1	Q2	Q3	Q4
0124	BVA	TCE (µg/L)	NS	NS	< 1	< 1
		PCE (µg/L)	NS	NS	< 1	< 1
0126	BVA	TCE (µg/L)	NS	NS	< 1	< 1
		PCE (µg/L)	NS	NS	1	0.86 (J)
0315	Source Area	TCE (µg/L)	5.2	7.2	6.3	3.8
		PCE (µg/L)	< 1	< 1	< 1	0.16 (J)
0347	Source Area	TCE (µg/L)	21	21	22	33
		PCE (µg/L)	< 1	< 1	< 1	< 1
0386	BVA	TCE (µg/L)	NS	NS	2.8	4.2
		PCE (µg/L)	NS	NS	0.14 (J)	0.15 (J)
0387	BVA	TCE (µg/L)	NS	NS	< 1	< 1
		PCE (µg/L)	NS	NS	0.16 (J)	0.12 (J)
0389	BVA	TCE (µg/L)	NS	NS	0.98	1.01
		PCE (µg/L)	NS	NS	0.75	0.63 (J)
0392	BVA	TCE (µg/L)	NS	NS	< 1	< 1
		PCE (µg/L)	NS	NS	0.40 (J)	0.43 (J)

NS—Not sampled
J—Estimated value that is less than the detection limit
TCE trigger level for 0315 and 0347 = 30 µg/L
TCE trigger level for other wells = 5 µg/L

TCE in wells 0315 and 0347 has fluctuated over time with a substantial increase identified in the last quarter of 2006 in well 0347 (Figure 6). The TCE increases are likely the result of remedial actions being performed on the Main Hill. Increases have occurred at this location since 2002. Starting in 2000, the concentrations in the two BVA wells (0386 and 0389) have fallen below the MCL.

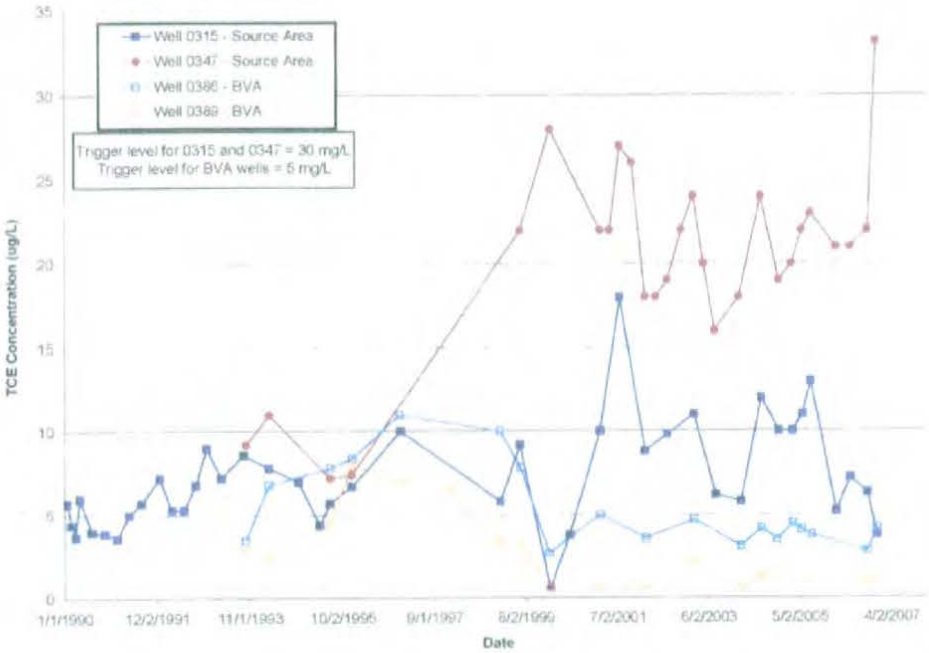

Figure 6. TCE Concentrations over Time in Well 0315/0347 Area—1990 through 2006

The distribution of TCE in groundwater (Figure A–1 in Appendix A) indicates that impact is still associated with wells 0315 and 0347. These wells continue to exceed the MCL. The two BVA wells immediately downgradient of this area have TCE concentrations below the MCL. TCE remains undetected in the remainder of the downgradient BVA wells. Figure A–1 in Appendix A depicts the 2006 annual averages of TCE in the monitoring network.

4.2 Main Hill Seep Monitoring

Although TCE concentrations in some of the Main Hill seeps continue to exceed the MCL during 2006 (Table 5), no locations exceed the trigger level of 150 µg/L (established for seep 0605). The highest concentrations in 2006 were exhibited in seep 0602, located on site. PCE concentrations continue to exceed the MCL of 5 milligrams per liter (mg/L) at seep 0601; however, this location does not exceed the trigger level of 75 mg/L. Detectable concentrations of cis-1,2-DCE are also observed in some of the seeps. Estimated detections of trans-1,2-DCE were reported in seeps 0602 and 0605, though not consistently. No detectable concentrations of vinyl chloride were reported in 2006.

Monitoring results (Table 5) show low concentrations of TCE and PCE in wells located downgradient of the Main Hill seeps. No trigger levels have been set for these locations, but none of the concentrations exceed the MCL of 5 µg/L for TCE or PCE. No detectable concentrations of DCE or vinyl chloride were observed in the downgradient wells.

Table 5. Summary of VOC Results in the Main Hill Area

Location	Area	Volatile Organic Compound Concentrations				
		Parameter	Q1	Q2	Q3	Q4
Seeps						
0601	On site	TCE (µg/L)	4.8	3.9	8	6.2
		PCE (µg/L)	11	15	18	16
		cis-1,2-DCE (µg/L)	< 1	< 1	1.5	1.2
0602	On site	TCE (µg/L)	19	19	15	26
		PCE (µg/L)	< 1	< 1	< 1	< 1
		cis-1,2-DCE (µg/L)	21	19	16	18
0605	Off site	TCE (µg/L)	27	16	8.8	9.6
		PCE (µg/L)	< 1	0.36	< 1	0.12 (J)
		cis-1,2-DCE (µg/L)	21	16	2	10
0606	Off site	TCE (µg/L)	NS	NS	2.7	5
		PCE (µg/L)	NS	NS	< 1	< 1
		cis-1,2-DCE (µg/L)	NS	NS	< 1	1.1
0607	Off site	TCE (µg/L)	7.1	6.2	8.5	5.1
		PCE (µg/L)	0.36	0.39	0.31 (J)	0.29 (J)
		cis-1,2-DCE (µg/L)	3.1	1.6	1.9	1.2
0608	Off site	TCE (µg/L)	< 1	< 1	0.26 (J)	0.97 (J)
		PCE (µg/L)	< 1	< 1	< 1	< 1
		cis-1,2-DCE (µg/L)	< 1	< 1	< 1	0.11 (J)
Downgradient Wells						
0118	Off site	TCE (µg/L)	NS	NS	< 1	< 1
		PCE (µg/L)	NS	NS	< 1	< 1
		cis-1,2-DCE (µg/L)	NS	NS	< 1	< 1
0138	Off site	TCE (µg/L)	< 1	< 1	< 1	< 1
		PCE (µg/L)	< 1	< 1	< 1	< 1
		cis-1,2-DCE (µg/L)	< 1	< 1	< 1	< 1
0301	Off site	TCE (µg/L)	NS	NS	< 1	< 1
		PCE (µg/L)	NS	NS	< 1	< 1
		cis-1,2-DCE (µg/L)	NS	NS	< 1	< 1
0311	Off site	TCE (µg/L)	NS	NS	< 1	< 1
		PCE (µg/L)	NS	NS	< 1	< 1
		cis-1,2-DCE (µg/L)	NS	NS	< 1	< 1
0333	Off site	TCE (µg/L)	NS	NS	0.29 (J)	0.28 (J)
		PCE (µg/L)	NS	NS	< 1	< 1
		cis-1,2-DCE (µg/L)	NS	NS	0.18 (J)	0.25 (J)
0334	Off site	TCE (µg/L)	NS	NS	< 1	< 1
		PCE (µg/L)	NS	NS	< 1	< 1
		cis-1,2-DCE (µg/L)	NS	NS	< 1	< 1
0346	On site	TCE (µg/L)	NS	NS	< 1	< 1
		PCE (µg/L)	NS	NS	< 1	< 1
		cis-1,2-DCE (µg/L)	NS	NS	< 1	< 1
0379	On site	TCE (µg/L)	NS	NS	2.2	2
		PCE (µg/L)	NS	NS	0.42 (J)	0.38 (J)
		cis-1,2-DCE (µg/L)	NS	NS	< 1	< 1

J—Estimated value that is less than the detection limit
NS—Not sampled
PCE trigger level at 0601 = 75 µg/L
TCE trigger level at the seeps = 150 µg/L

Recent TCE concentrations in seeps 0602, 0605, 0606, and 0607 (Figure 7) increased during the remediation of contaminated buildings (namely, buildings R and SW) and soils on the Main Hill. Concentrations have shown a decrease during 2006 except for those of seep 0602.

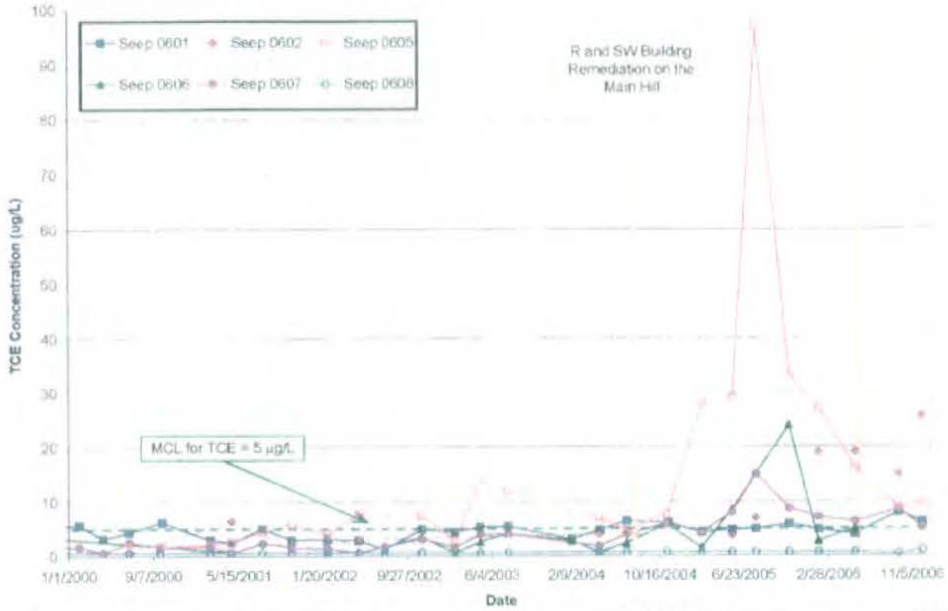

Figure 7. TCE Concentrations over Time in the Main Hill Seeps—1990 through 2006

PCE concentrations (Figure 8) are significantly higher than the TCE concentrations in seep 0601. The concentrations in 2006 are lower than those observed in previous years (i.e., 2004 and 2005). The increases during that 2-year period were the result of the remediation of buildings and soil on the Main Hill.

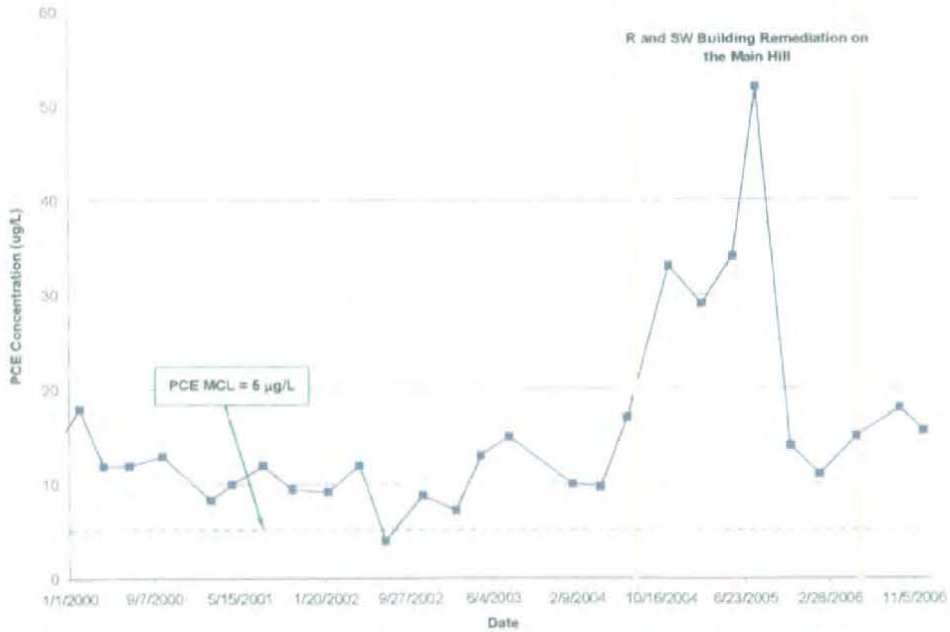

Figure 8. PCE Concentrations over Time in Seep 0601—2000 through 2006

The distribution of TCE in groundwater (Figure A–2 in Appendix A) indicates that the highest area of impact is associated with the seeps, particularly seep 0601. Downgradient wells 0138 and 0347 have TCE levels that exceed the MCL of 5 µg/L. Figure A–2 in Appendix A depicts the annual averages of TCE in the monitoring network.

Tritium levels from 2006 in the Main Hill seeps are elevated and are higher than those of the downgradient groundwater wells (Table 6). The highest tritium activity is observed in seep 0601, located on site. No seep locations exceed the trigger level of 1,500 nCi/L. All of the seeps have exceeded the MCL of 20 nCi/L at some time during 2006.

Tritium levels in the wells downgradient of the Main Hill area also continue to be elevated during 2006. The highest level is observed in well 0347, which is located downgradient of seeps 0601 and 0602. None of the groundwater wells exceed the MCL of 20 nCi/L.

Table 6. Summary of Tritium Results in the Main Hill Area

Location	Tritium Activity (nCi/L)			
	Q1	Q2	Q3	Q4
Seeps				
0601	178	100	204	123
0602	13.2	17.4	82.7	48.9
0605	106	58.9	55.8	36.2
0607	31.8	11.4	25.3	16
0608	26.2	41.6	54	41.7
Downgradient Wells				
0118	< 0.6	< 0.6	< 0.3	< 0.3
0138	6.7	14.6	10	6.9
0301	< 0.6	< 0.6	< 0.3	< 0.3
0311	0.61	< 0.6	1.9	1.7
0333	< 0.6	< 0.6	< 0.3	< 0.3
0334	< 0.6	< 0.6	0.41	< 0.3
0346	NS	NS	3.5	4.8
0347	5.8	15.4	16.8	13
0379	NS	NS	1.6	3.9

Tritium trigger level at the seeps = 1,500 nCi/L

Wells 0346, 0347, and 0379 are located downgradient of seeps 0601 and 0602; tritium activity in the two seeps (Figure 9) increased during 2004 due to remedial activity on the Main Hill. The tritium activity in the downgradient wells increased during 2006. This delayed increase is likely the result of slower groundwater movement in the tributary valley. The seeps react more quickly because they are direct discharge points for groundwater. The tritium levels in seep 0601 decreased in 2006 while the levels in 0602 increased.

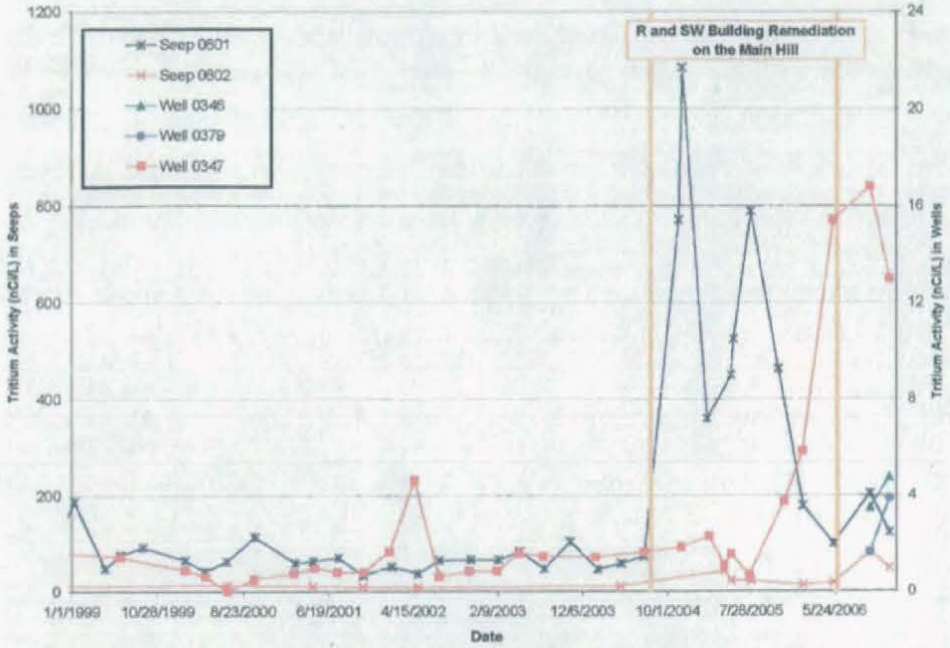

Figure 9. Tritium Activity in Seeps 0601 and 0602 and Downgradient Wells

Wells 0118 and 0138 are located immediately downgradient of seeps 0605, 0606, 0607, and 0608. Wells 0333 and 0334 are located farther downgradient toward the Great Miami River. The tritium activity in 0138 (Figure 10) increased starting in 2005 but has remained stable in 2006. The levels in the seeps started to increase in 2004 when soil remediation was being performed on the Main Hill. In comparison to previous years, the 2006 tritium levels have decreased.

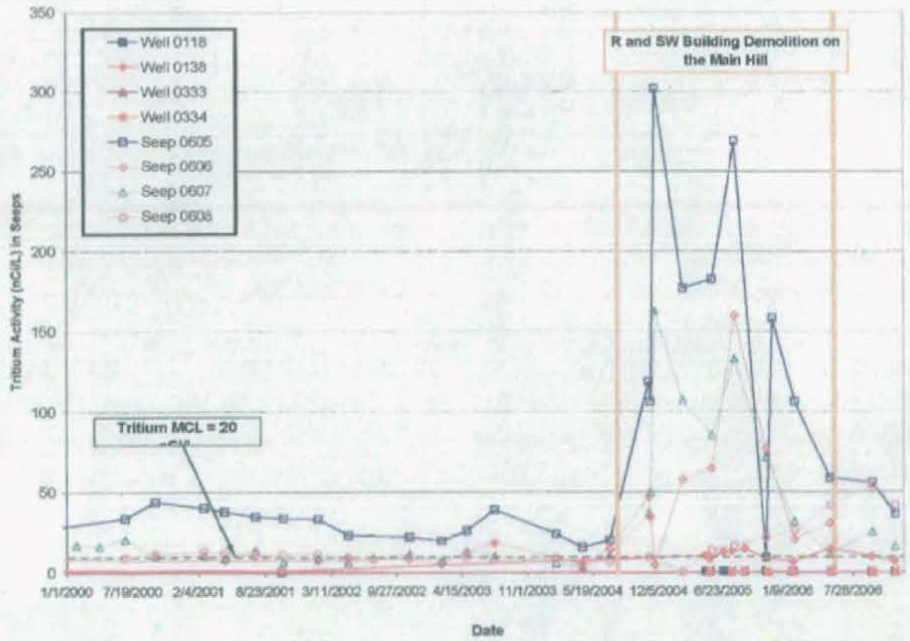

Figure 10. Tritium Activity in Seeps 0605 through 0608 and Downgradient Wells

The distribution of tritium in groundwater (Figure A–3 in Appendix A) indicates that the area experiencing the greatest impact is still associated with the seeps, particularly seep 0601. Downgradient wells 0138 and 0347 also exhibit elevated levels of tritium. Figure A–3 in Appendix A depicts the annual averages of tritium in the monitoring network.

Ra-226, Ra-228, and Sr-90 continue to be present in seep 0601 (Table 7). The activity observed at this location does not exceed the trigger level of 20 pCi/L for Sr-90 and combined Ra-226/228.

Table 7. Summary of Radiological Parameters in Seep 0601

Location	Parameter	Q1	Q2	Q3	Q4
0601	Ra-226	0.49 (J)	0.39 (J)	0.78	< 0.36
	Ra-228	2.02	< 1	3.73	< 0.77
	Sr-90	5.92	2.96 (J)	2.18	2.88

NS—Not sampled
J—Estimated value that is less than the detection limit
Ra-226/228 trigger level at seep 0601 = 20 pCi/L
Sr-90 trigger level at seep 0601 = 20 pCi/L

Minimal data are available for Sr and Ra in seep 0601. Graphs of the concentrations over time (Figures 11 and 12) indicate that levels have decreased since sampling resumed in 2005.

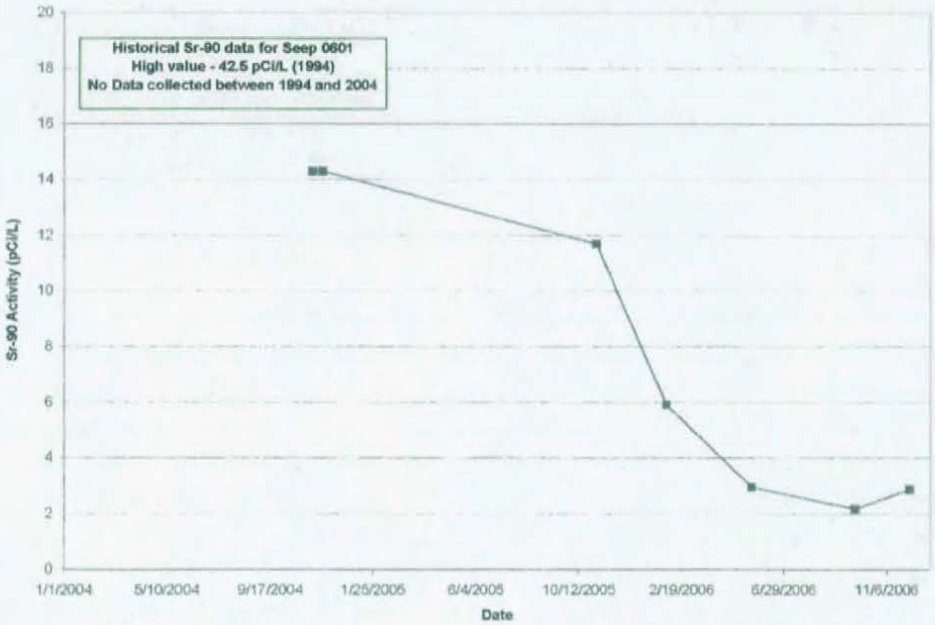

Figure 11. Sr-90 Activity over Time in Seep 0601—2004 through 2006

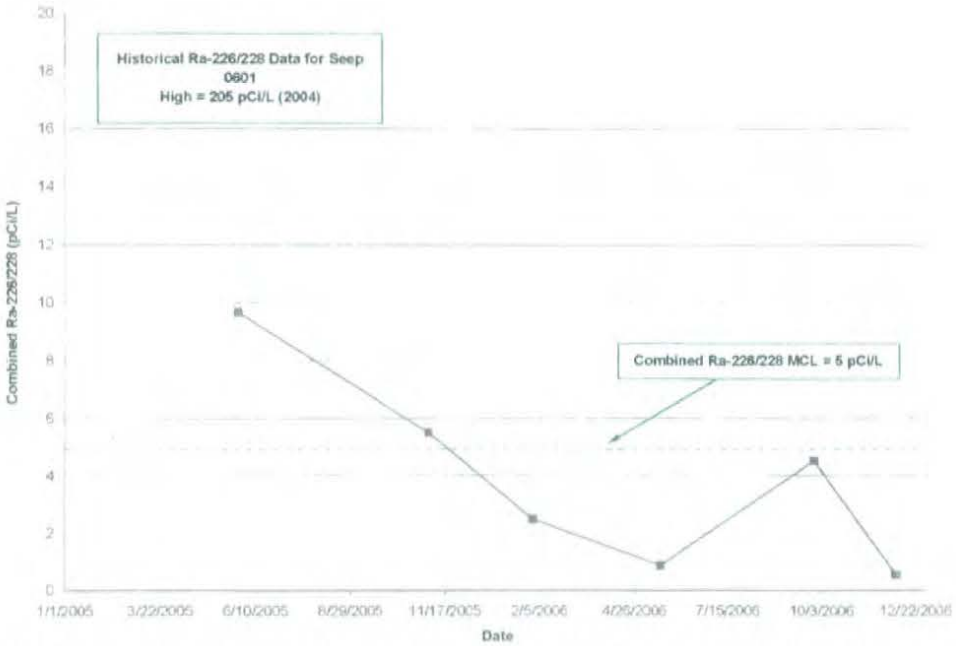

Figure 12. Combined Ra-226/228 Activity over Time in Seep 0601—2005 through 2006

5.0 Inspection of the Monitoring System

The 16 groundwater monitoring wells and 6 seeps were inspected in conjunction with the 5-year review performed in August 2006 (DOE 2006b). Though not necessary to the protectiveness of the remedy, it was determined that improving the condition of the monitoring wells would be the best management practice. The protective casings and concrete pads were in disrepair, and many did not have adequate protection (i.e., bollards) from vehicular traffic. Excessive vegetation was present around all of the monitoring wells and the seep. Permanent identification markers were missing from wells 0118 and 0346.

A routine maintenance program has been established for the long-term groundwater monitoring locations at the Mound site. This program includes periodic inspections of the integrity of the wells and the condition of the protective casing and surface pad as well as the surrounding area and access. Neglect of these wells could lead to the failure of the surface seals and the potential for migration of contamination from surface sources into the subsurface. Also, these locations should continue to be protected as construction activities increase in the transitioned parcels. In the long-term, poor maintenance could affect the monitoring results that are used to evaluate the effectiveness of the MNA remedy.

Excessive vegetation has been cleared from the monitoring wells. The wells will be painted, and repairs will be made as required to address the deficiency identified during the 5-year review. This work was to be completed by April 30, 2007; however, due to inclement weather in early spring, this work was not started until mid-April and was completed by mid-May.

6.0 Data Validation

The data from the first and second quarters of 2006 was collected by CH2M Hill. The data from these two quarters was validated in accordance with procedures in the *Mound Methods Compendium* (MD80045), which is the *CERCLA Quality Assurance Project Plan* (QAPP) for the Mound Project. Data validation packages for these two quarters are provided in Appendix B.

The data from the third and fourth quarters was collected by S.M. Stoller. Each quarter's data was validated in accordance with procedures specified in the *Environmental Procedures Catalog* (STO 6), "Standard Practice for Validation of Laboratory Data," GT-9(P). This procedure also fulfills the requirements of applicable procedures in the *Mound Methods Compendium* (MD 80045). Data validation packages for these two quarters are also provided in Appendix B. A summary of all the data for 2006, including data validation qualifiers, is presented in Appendix C.

Under both programs, laboratory performance is assessed by reviewing and evaluating the following quality indicators:

Sample shipping and receiving practices	Holding times
Chain of custody	Instrument calibrations
Laboratory blanks	Interference check samples
Preparation blanks	Radiochemical uncertainty
Laboratory replicates	Laboratory control samples
Serial dilutions	Sample dilutions
Detection limits	Surrogate recoveries
Peak integrations	Confirmation analyses
Matrix spikes (MS) and matrix spike duplicates (MSD)	Electronic data

7.0 Summary and Recommendations

This report documents the groundwater sampling results for parcels 6, 7, and 8. Monitoring was performed to assess the changes in TCE's impact on the groundwater and the changes in tritium and VOC's impact on the seeps since the removal of contaminated buildings and soil on the Main Hill area of the site.

Remediation activities, including the excavation of contaminated soil and the demolition of contaminated buildings, had a significant impact on the groundwater quality in the Main Hill area, which comprises parcels 6 and 8. Substantial increases were observed during 2004 and 2005 when remediation was performed. Some decreases in concentrations have been observed in 2006; however, concentrations in some areas have not decreased to pre-remediation concentrations.

Continued monitoring will be performed to evaluate the effect of source removal on the groundwater quality. Monitoring will continue to determine trends in contaminant levels and to ensure that the BVA is not adversely affected.

7.1 Wells 0315/0347

Groundwater in the vicinity of wells 0315 and 0347 has historically had the highest concentrations of TCE in the parcel 6, 7, and 8 area. Monitoring results for 2006 continue to show TCE in wells 0315, 0347, 0386, and 0389, with the highest concentrations in wells 0315 and 0347 (source wells). No detectable concentrations of TCE were observed in the remainder of the wells. All TCE concentrations were below applicable trigger levels, except for the fourth quarter sample from well 0347. Low levels of PCE were detected in wells 0126, 0315, 0386, 0387, 0389, and 0392. No detectable concentrations of DCE or vinyl chloride were found in any of these wells.

TCE in wells 0315 and 0347 has fluctuated over time, and a substantial increase was identified in well 0347 in the last quarter of 2006. The TCE increases are likely the result of remedial actions on the Main Hill. Increases have occurred at this location since 2002. Starting in 2000, the concentrations in the two BVA wells (0386 and 0389) have fallen below the MCL.

7.2 Main Hill Seeps

7.2.1 VOC Monitoring

Although TCE concentrations in some of the Main Hill seeps continue to exceed the MCL during 2006, no locations exceed the trigger level of 150 µg/L (established for seep 0605). The highest concentrations in 2006 were exhibited in seep 0602, located on site. Recent TCE concentrations in seeps 0602, 0605, 0606, and 0607 increased during the remediation of contaminated buildings (namely, buildings R and SW) and soils on the Main Hill. Concentrations have decreased during 2006, except for those of seep 0602.

PCE concentrations continue to exceed the MCL of 5 mg/L at seep 0601; however, this location does not exceed the trigger level of 75 mg/L. The PCE concentrations in seep 0601 during 2006 are lower than those observed in previous years (i.e., 2004 and 2005). The increases during that 2-year period were the result of the remediation of buildings and soil on the Main Hill.

Detectable concentrations of cis-1,2-DCE are also observed in some of the seeps. Estimated detections of trans-1,2-DCE were reported in seeps 0602 and 0605, though not consistently. No detectable concentrations of vinyl chloride were reported in 2006.

Monitoring results show low concentrations of TCE and PCE in wells located downgradient of the Main Hill seeps. None of the concentrations exceed the MCL of 5 µg/L for TCE or PCE. No detectable concentrations of DCE or vinyl chloride were observed in the downgradient wells.

7.2.2 Tritium and Other Radionuclide Monitoring

Tritium levels from 2006 in the Main Hill seeps are elevated and are higher than those of the downgradient groundwater wells. The highest tritium activity is observed in seep 0601, located

on site. No locations exceed the trigger level of 1,500 nCi/L. All of the seeps have exceeded the MCL of 20 nCi/L at some time during 2006.

Tritium levels in the wells downgradient of the Main Hill area also continue to be elevated during 2006. The highest level is observed in well 0347, which is located downgradient of seeps 0601 and 0602. None of the groundwater wells exceed the MCL of 20 nCi/L.

Wells 0346, 0347, and 0379 are located downgradient of seeps 0601 and 0602; tritium activity in the two seeps increased during 2004. The tritium activity in the downgradient wells increased during 2006. This delayed increase is likely due to slower groundwater movement from the Main Hill area into the tributary valley. The seeps react more quickly because they are direct discharge points for groundwater. The tritium levels in seep 0601 decreased in 2006 while the levels in 0602 increased.

Wells 0118 and 0138 are located immediately downgradient of seeps 0605, 0606, 0607, and 0608. Wells 0333 and 0334 are located farther downgradient toward the Great Miami River. Starting in 2005, the tritium activity in 0138 increased, but it has remained stable during 2006. In comparison to previous years, the 2006 tritium levels in the four seeps have decreased.

Ra-226, Ra-228, and Sr-90 continue to be present in seep 0601. The activities observed at this location do not exceed the trigger level of 20 pCi/L for Sr-90 and combined Ra-226/228. Concentrations over time have decreased since sampling for these isotopes resumed in 2005.

8.0 References

DOE (U.S. Department of Energy), 1996. *OU9 Hydrogeologic Investigation—Groundwater Sweeps Report, Mound Plant* (Revision 1), prepared by BWXT of Ohio Inc. for the U.S. Department of Energy, Ohio Field Office.

DOE (U.S. Department of Energy), 2006a. *Parcel 6, 7, and 8 Remedy (Monitored Natural Attenuation) Groundwater Monitoring Plan* (Final Draft), prepared by CH2M Hill–Miamisburg Closure Project, for the U.S. Department of Energy, Ohio Field Office, July.

DOE (U.S. Department of Energy), 2006b. *Second Five-Year Review for the Mound, Ohio, Site—Miamisburg, Ohio*, prepared by S.M. Stoller Corp. for the U.S. Department of Energy Office of Legacy Management, September.

DOE (U.S. Department of Energy), 2007. *Parcel 6, 7, and 8 Proposed Plan* (Final Draft), prepared by CH2M Hill–Miamisburg Closure Project, for the U.S. Department of Energy, Ohio Field Office, January.

STO 6. *Environmental Procedures Catalog*, continuously updated, prepared by S.M. Stoller Corporation for the U.S. Department of Energy Office of Legacy Management.

MD-80045, *Mound Methods Compendium*, issue 2, prepared by BWXT of Ohio Inc.

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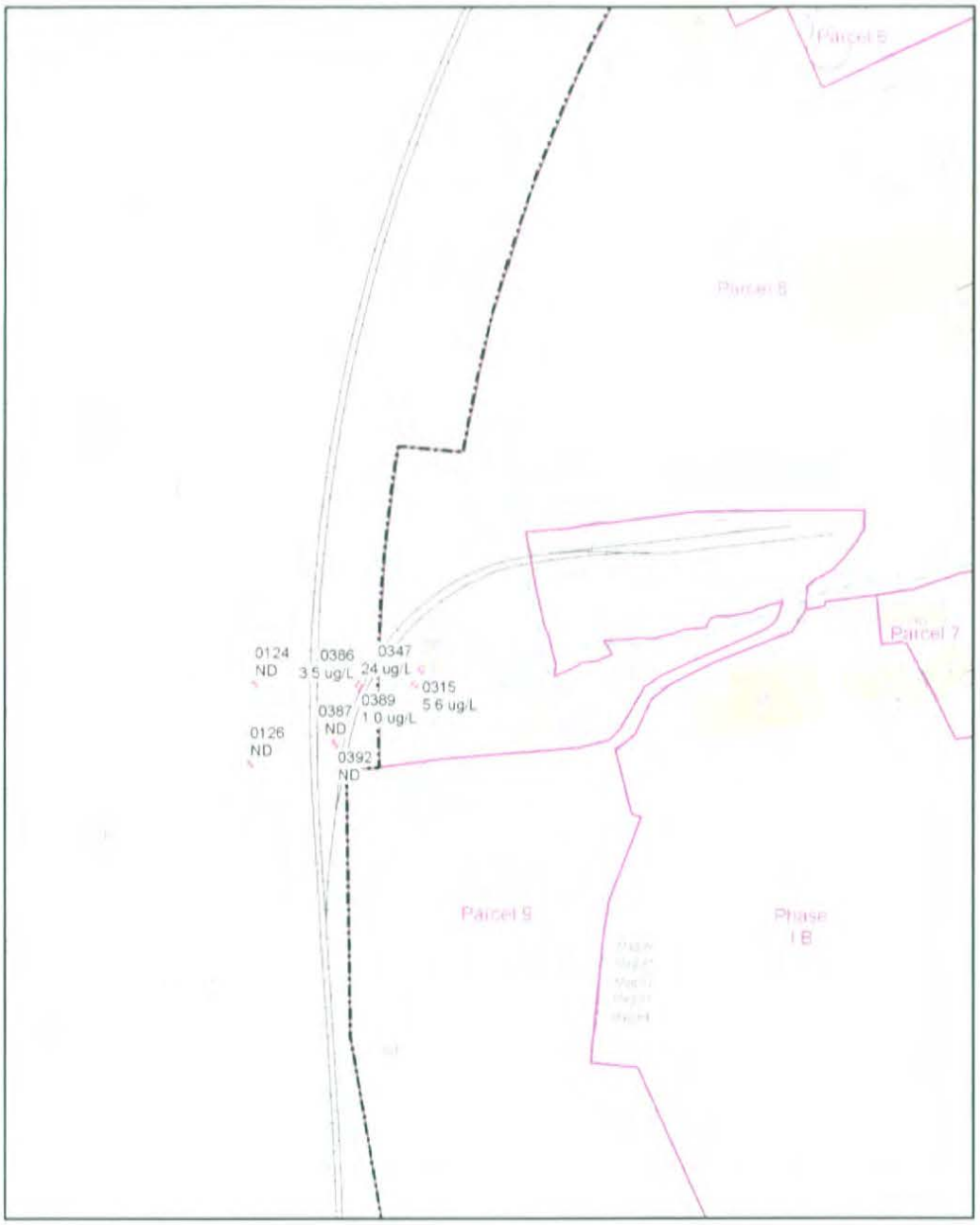
Appendix A

Contaminant Distribution Maps

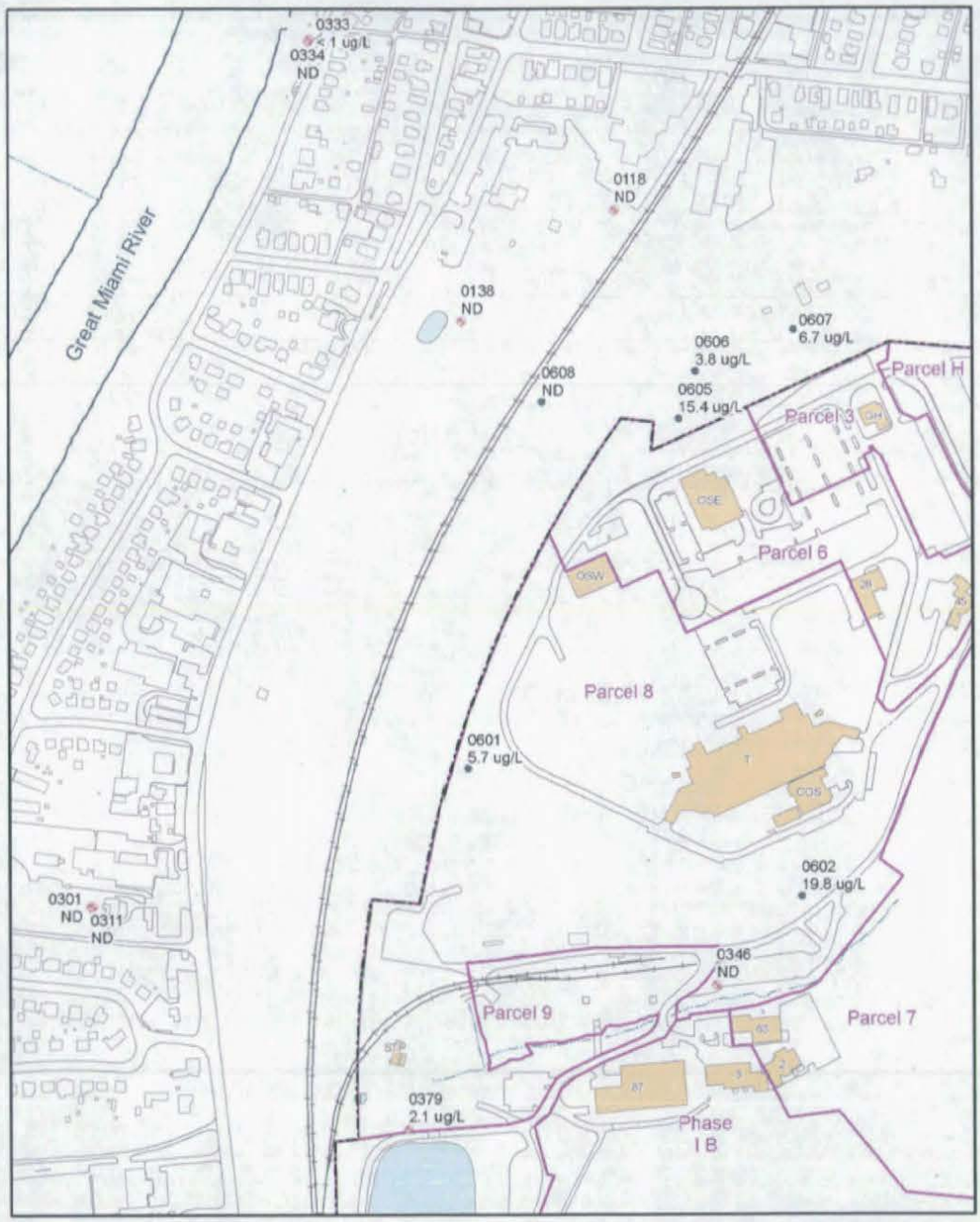


Legend

- Monitoring Well TCE in ug/L
- Site Boundary
- Parcel Boundary
- Building
- Road - paved
- Railroad
- Creek
- Pond

N

Figure A-1: 2006 Annual Averages for TCE in the 0315/0347 Area



Monitoring Well
TCE in ug/L

Seep
TCE in ug/L

Site Boundary
Parcel Boundary
Building
Pond

Road - paved
Railroad
Creek

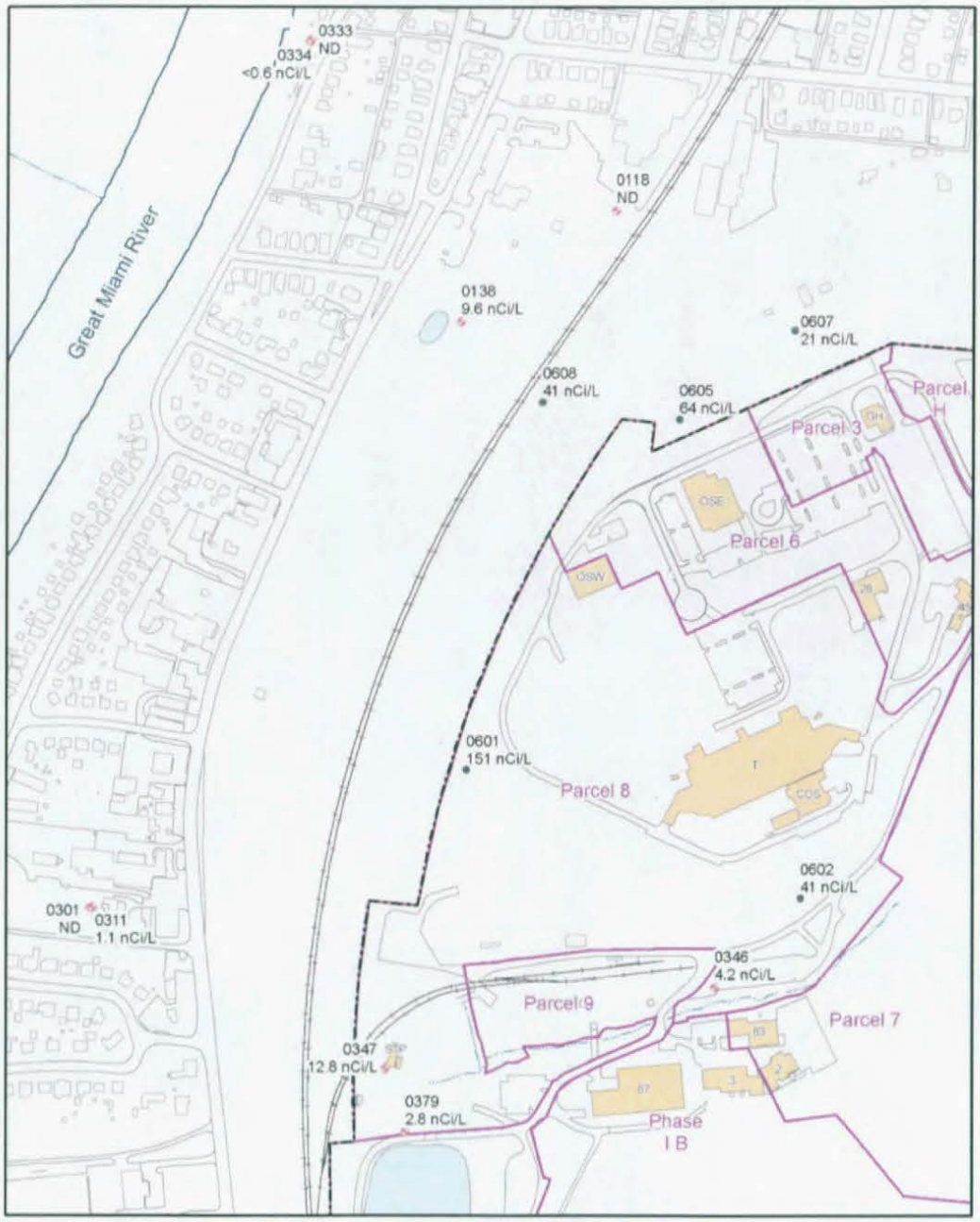
N

100 0 100 200 300
Feet

Figure A-2: 2006 Annual Averages for TCE in the Main Hill Seeps and Groundwater

DATE 08/14/07

FILE NAME 32060700.mxd



Monitoring Well
Tritium in nCi/L

Seep
Tritium in nCi/L

Site Boundary
Parcel Boundary
Building
Pond

Road - paved
Railroad
Creek

N

100 0 100 200 300
Feet

Figure A-3: 2006 Annual Averages for Tritium in the Main Hill Seeps and Groundwater

DATE: 06/14/07

End of current text

Appendix B

Data Validation Reports

Stoller
Legacy Management Team

Stoller • Battelle • Source One

Data Review and Validation Report

General Information

Requisition No. (RIN):	06090501
Sample Event:	September 25-28, 2006
Site(s):	Mound, Ohio
Laboratory:	General Engineering Laboratories, Cincinnati, OH
Work Order No.:	172950
Analysis:	NPDES Parameters
Validator:	Steve Donivan
Review Date:	December 8, 2006

This validation was performed according to the *Environmental Procedures Catalog* (STO 6), "Standard Practice for Validation of Laboratory Data," GT-9(P) rev1 (2006). The procedure was applied at Level 2, Data Deliverables Verification. See attached Data Validation Worksheets for supporting documentation on the data review and validation. All analyses were successfully completed. The samples were prepared and analyzed using accepted procedures based on methods specified by line item code, which are listed in Table 1.

Table 1. Analytes and Methods

Analyte	Line Item Code	Prep Method	Analytical Method
Radium-226	GPC-A-018	EPA 903.1 Mod	EPA 903.1 Mod
Radium-228	GPC-A-020	EPA 904.0 Mod	EPA 904.0 Mod
Strontium-90	GPC-A-009	EPA 905.0 Mod	EPA 905.0 Mod
Tritium	LSC-A-001	EPA 906.0 Mod	EPA 906.0 Mod
Volatile Organics, VOA	VOA-A-007	SW-846 5030B	SW-846 8260B

Data Qualifier Summary

Analytical results were qualified as listed in Table 2. Refer to the sections below for an explanation of the data qualifiers applied.

Table 2. Data Qualifier Summary

Sample Number	Location	Analyte(s)	Flag	Reason
172950-003	0301	Toluene	U	Less than 5 times the method blank
172950-004	0311	Chloroform	U	Less than 5 times the trip blank
172950-006	0605	Chloroform	U	Less than 5 times the trip blank
172950-006	0605	Toluene	U	Less than 5 times the method blank
172950-008	0608	Toluene	U	Less than 5 times the method blank
172950-009	0346	Toluene	U	Less than 5 times the method blank
172950-011	0998	Toluene	U	Less than 5 times the method blank
172950-012	0347	Chloroform	U	Less than 5 times the trip blank
172950-012	0347	Toluene	U	Less than 5 times the method blank
172950-015	0315	Toluene	U	Less than 5 times the method blank
172950-017	0387	Chloroform	U	Less than 5 times the trip blank
172950-021	0126	Chloroform	U	Less than 5 times the trip blank
172950-023	0601	Radium-226	J	Less than 3 times the MDC
172950-024	9601	Radium-226	J	Less than 3 times the MDC
172950-024	9601	Radium-228	J	Less than 3 times the MDC

Sample Shipping/Receiving

General Engineering Laboratories, in Charleston, South Carolina, received 24 water samples on September 29, 2006, accompanied by a Chain of Custody (COC) form. The COC form was checked to confirm that all of the samples were listed on the form with sample collection dates and times, and that signatures and dates were present indicating sample relinquishment and receipt. The COC form was complete with no errors or omissions.

Preservation and Holding Times

The sample shipment was received cool and intact at a temperature of 1° C. All samples were received in the correct container types and had been preserved correctly for the requested analyses. Sample analysis was completed within the applicable holding times.

Laboratory Instrument Calibration

Data for this RIN were report at Analysis Service Level C (results plus quality control) and do not include calibration data.

Method SW-846 8260B, Volatiles

Internal standard recoveries and surrogate recoveries were within the acceptance ranges for all samples.

Method Blanks

All method blank results were below the practical quantitation limits for all analytes with the exception of naphthalene and methylene toluene analyzed on November 4, 2006. Sample results

for these compounds that are less than five times the method blank concentration are qualified with a "U" flag as not detected.

Trip Blank

A trip blank was prepared and analyzed to document contamination attributable to shipping and field handling procedures. Bromodichloromethane, chloroform, and dibromochloromethane were detected in the trip blank. Sample results for these compounds that are less than five times the trip blank concentration are qualified with a "U" flag as not detected.

Matrix Spike Analysis

Matrix spike and matrix spike duplicate samples (MS/MSD) were analyzed for VOAs, radium-226, radium-228, strontium-90, and tritium as a measure of method performance in the sample matrix. The MS and MSD met the acceptance for all analytes.

Laboratory Replicate Analysis

The relative percent difference (RPD) values for the laboratory control sample duplicate samples and MSD sample results for all analytes were less than 20 percent indicating acceptable precision.

Laboratory Control Sample

Laboratory control samples (LCS) were analyzed at the correct frequency to provide information on the accuracy of the analytical method and the overall laboratory performance, including sample preparation. The LCS results were acceptable for all analysis categories.

Radiochemical Analysis

Radiochemical results are qualified with a "J" flag (estimated) when the result is greater than the minimum detectable concentration (MDC), but less than three times the MDC. Radiochemical results are qualified with a "U" flag (not detected) when the result is greater than the MDC, but less than the two sigma total propagated uncertainty (TPU).

Detection Limits/Dilutions

Samples were diluted in a consistent and acceptable manner when required. The required detection limits were met for all analytes with the following exception. The MDC for four tritium measurements was slightly above the required MDC of 400 pCi/L because of matrix interference.

Completeness

Results were reported in the correct units for all analytes requested using contract-required laboratory qualifiers.

Report Prepared By: _____

Laboratory Coordinator

SAMPLE MANAGEMENT SYSTEM

General Data Validation Worksheet

RIN: 06090501 Lab Code: GEN Validator: Steve Donivan Validation Date: 12/8/2006

Site: MOUND LTS&M GROUND WATER Analysis Type: ☐ Metals ☐ General Chem ☑ Rad ☑ Oraganics

# of Samples: 24 Matrix: WATER Requested Analysis Completed: Yes

Chain of Custody
Present: OK Signed: OK Dated: OK

Sample
Integrity: OK Preservation: OK Temperature: OK

Exceptions

Method	Analyte	Location	Ticket	Collection Date	Preparation Date	Analysis Date	Dilution Factor	Holding Time Met	Detection Limit Met
EPA 906.0 Modified	Tritium	138	EKT 146	9/25/2006		10/25/2006	1	Yes	No
EPA 906.0 Modified	Tritium	334	EKT 168	9/28/2006		10/23/2006	1	Yes	No
EPA 906.0 Modified	Tritium	601	EKT 150	9/26/2006		10/23/2006	1	Yes	No
EPA 906.0 Modified	Tritium	9601	EKT 157	9/26/2006		10/23/2006	1	Yes	No

Comments:

All samples were analyzed within the applicable holding times.

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 06090501 **Lab Code:** GEN **Date Due:** 10/27/2006

Matrix: Water **Site Code:** MND3 **Date Completed:** 10/27/2006

Sample	Analyte	Date Analyzed	Calibration Exceptions				SUR1 %R	SUR2 %R	SUR3 %R	SUR4 %R	LCS %R	MS %R	MSD %R	DUP %RSD
			Col.	AVG or R^2	Inter. or RSD	CCV %D								
0118	VOAs	10/04/2006					89.0	84.0	96.0					
0124	VOAs	10/05/2006					101.0	97.0	105.0					
0126	VOAs	10/05/2006					109.0	106.0	110.0					
0138	VOAs	10/04/2006					85.0	82.0	88.0					
0301	VOAs	10/04/2006					96.0	97.0	102.0					
0311	VOAs	10/04/2006					107.0	108.0	116.0					
0315	VOAs	10/04/2006					91.0	93.0	95.0					
0333	VOAs	10/04/2006					96.0	95.0	101.0					
0334	VOAs	10/04/2006					109.0	108.0	117.0					
0346	VOAs	10/04/2006					94.0	90.0	99.0					
0347	VOAs	10/04/2006					97.0	91.0	99.0					
0379	VOAs	10/04/2006					101.0	96.0	105.0					
0386	VOAs	10/04/2006					101.0	101.0	106.0					
0387	VOAs	10/05/2006					95.0	97.0	101.0					
0389	VOAs	10/05/2006					100.0	99.0	108.0					
0392	VOAs	10/05/2006					103.0	98.0	107.0					
0601	VOAs	10/05/2006					95.0	94.0	102.0					
0602	VOAs	10/04/2006					86.0	86.0	91.0					
0605	VOAs	10/04/2006					98.0	98.0	103.0					

Comments: _____

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 06090501 **Lab Code:** GEN **Date Due:** 10/27/2006

Matrix: Water **Site Code:** MND3 **Date Completed:** 10/27/2006

Sample	Analyte	Date Analyzed	Calibration Exceptions				SUR1 %R	SUR2 %R	SUR3 %R	SUR4 %R	LCS %R	MS %R	MSD %R	DUP %RSD
			Col.	AVG or R^2	Inter. or RSD	CCV %D								
0607	VOAs	10/04/2006					99.0	101.0	103.0					
0608	VOAs	10/04/2006					100.0	100.0	107.0					
0998	VOAs	10/04/2006					86.0	86.0	89.0					
0999	VOAs	10/05/2006					90.0	94.0	95.0					
9601	VOAs	10/05/2006					98.0	102.0	107.0					
LCS	1,1-Dichloroethene	10/04/2006					94.0	98.0	100.0		99.00			
LCS	1,1-Dichloroethene	10/05/2006					97.0	98.0	107.0		123.00			
LCS	Benzene	10/04/2006									93.00			
LCS	Benzene	10/05/2006									111.00			
LCS	Chlorobenzene	10/04/2006									94.00			
LCS	Chlorobenzene	10/05/2006									113.00			
LCS	Toluene	10/04/2006									93.00			
LCS	Toluene	10/05/2006									110.00			
LCS	Trichloroethene	10/04/2006									91.00			
LCS	Trichloroethene	10/05/2006									107.00			
Method Blank	VOAs	10/04/2006					104.0	105.0	113.0					
Method Blank	VOAs	10/05/2006					87.0	89.0	96.0					
MS	1,1-Dichloroethene	10/04/2006					102.0	102.0	107.0			104.00		
MS	1,1-Dichloroethene	10/05/2006					108.0	108.0	107.0			129.00		

Comments: _____

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 06090501 **Lab Code:** GEN **Date Due:** 10/27/2006

Matrix: Water **Site Code:** MND3 **Date Completed:** 10/27/2006

Sample	Analyte	Date Analyzed	Calibration Exceptions				SUR1 %R	SUR2 %R	SUR3 %R	SUR4 %R	LCS %R	MS %R	MSD %R	DUP %RSD
			Col.	AVG or R^2	Inter. or RSD	CCV %D								
MS	Benzene	10/04/2006										103.00		
MS	Benzene	10/05/2006										117.00		
MS	Chlorobenzene	10/04/2006										100.00		
MS	Chlorobenzene	10/05/2006										111.00		
MS	Toluene	10/04/2006										98.00		
MS	Toluene	10/05/2006										110.00		
MS	Trichloroethene	10/04/2006										98.00		
MS	Trichloroethene	10/05/2006										113.00		
MSD	1,1-Dichloroethene	10/04/2006					112.0	111.0	114.0				118.00	13.00
MSD	1,1-Dichloroethene	10/05/2006					105.0	108.0	113.0				134.00	3.00
MSD	Benzene	10/04/2006											113.00	9.00
MSD	Benzene	10/05/2006											121.00	3.00
MSD	Chlorobenzene	10/04/2006											114.00	13.00
MSD	Chlorobenzene	10/05/2006											120.00	8.00
MSD	Toluene	10/04/2006											114.00	15.00
MSD	Toluene	10/05/2006											119.00	8.00
MSD	Trichloroethene	10/04/2006											107.00	9.00
MSD	Trichloroethene	10/05/2006											121.00	7.00

Comments: _____

SAMPLE MANAGEMENT SYSTEM
Radiochemistry Data Validation Worksheet

RIN: 06090501 **Lab Code:** GEN **Date Due:** 10/27/2006

Matrix: Water **Site Code:** MND3 **Date Completed:** 10/27/2006

Sample	Analyte	Date Analyzed	Result	Flag	Tracer %R	LCS %R	MS %R	Duplicate
0601	Radium-228	10/13/2006			48.0			
0601	Strontium-90	10/18/2006			77.0			
9601	Radium-228	10/13/2006			48.0			
9601	Strontium-90	10/18/2006			97.0			
Duplicate	Radium-226	10/11/2006						0.40
Duplicate	Radium-228	10/13/2006						0.70
Duplicate	Strontium-90	10/18/2006						1.10
Duplicate	Tritium	10/23/2006						1.00
LCS	Radium-226	10/11/2006				94.0		
LCS	Radium-228	10/13/2006				113.0		
LCS	Strontium-90	10/18/2006				94.0		
LCS	Tritium	10/23/2006				112.0		
Method Blank	Radium-226	10/11/2006	0.0262	U				
Method Blank	Radium-228	10/13/2006	0.2300	U				
Method Blank	Strontium-90	10/18/2006	0.0485	U				
Method Blank	Tritium	10/23/2006	65.5000	U				
MS	Radium-226	10/11/2006					106.0	
MS	Radium-228	10/13/2006					113.0	
MS	Strontium-90	10/18/2006					95.0	
MS	Tritium	10/23/2006					112.0	

Comments: _____

Stoller
Legacy Management Team

Stoller • Battelle • Source One

Data Review and Validation Report

General Information

Requisition No. (RIN):	06120600
Sample Event:	December 4-7, 2006
Site(s):	Mound, Ohio
Laboratory:	General Engineering Laboratories, Charleston, SC
Work Order No.:	177426, 177429
Analysis:	NPDES Parameters
Validator:	Steve Donivan
Review Date:	January 29, 2007

This validation was performed according to the *Environmental Procedures Catalog* (STO 6), "Standard Practice for Validation of Laboratory Data," GT-9(P) (2006). The procedure was applied at Level 2, Data Deliverables Verification. See attached Data Validation Worksheets for supporting documentation on the data review and validation. All analyses were successfully completed. The samples were prepared and analyzed using accepted procedures based on methods specified by line item code, which are listed in Table 1.

Table 1. Analytes and Methods

Analyte	Line Item Code	Prep Method	Analytical Method
Radium-226	GPC-A-018	EPA 903.1 Mod	EPA 903.1 Mod
Radium-228	GPC-A-020	EPA 904.0 Mod	EPA 904.0 Mod
Strontium-90	GPC-A-009	EPA 905.0 Mod	EPA 905.0 Mod
Tritium	LSC-A-001	EPA 906.0 Mod	EPA 906.0 Mod
Volatile Organics, VOA	VOA-A-007	SW-846 5030B	SW-846 8260B

Data Qualifier Summary

Analytical results were qualified as listed in Table 2. Refer to the sections below for an explanation of the data qualifiers applied.

Table 2. Data Qualifier Summary

Sample Number	Location	Analyte(s)	Flag	Reason
177426-001	0118	1,4-Dichlorobenzene	U	Less than 5 times the method blank
177426-001	0118	Toluene	U	Less than 5 times the method blank
177426-002	0138	1,4-Dichlorobenzene	U	Less than 5 times the method blank
177426-002	0138	Toluene	U	Less than 5 times the method blank
177426-003	0301	1,4-Dichlorobenzene	U	Less than 5 times the method blank
177426-003	0301	Toluene	U	Less than 5 times the method blank
177426-004	0311	1,4-Dichlorobenzene	U	Less than 5 times the method blank
177426-004	0311	Chloroform	U	Less than 5 times the trip blank
177426-004	0311	Toluene	U	Less than 5 times the method blank
177426-005	0602	Toluene	U	Less than 5 times the method blank
177426-006	0605	Chloroform	U	Less than 5 times the trip blank
177426-006	0605	Toluene	U	Less than 5 times the method blank
177426-007	0607	Toluene	U	Less than 5 times the method blank
177426-008	0608	Toluene	U	Less than 5 times the method blank
177426-009	0346	Toluene	U	Less than 5 times the method blank
177426-010	0379	Toluene	U	Less than 5 times the method blank
177426-011	0998	Toluene	U	Less than 5 times the method blank
177426-012	0347	Chloroform	U	Less than 5 times the trip blank
177426-012	0347	Toluene	U	Less than 5 times the method blank
177426-013	0333	Toluene	U	Less than 5 times the method blank
177426-014	0334	Toluene	U	Less than 5 times the method blank
177426-015	0315	Toluene	U	Less than 5 times the method blank
177426-016	0386	Toluene	U	Less than 5 times the method blank
177426-017	0387	Chloroform	U	Less than 5 times the trip blank
177426-017	0387	Toluene	U	Less than 5 times the method blank
177426-018	0389	Toluene	U	Less than 5 times the method blank
177426-019	0601	Toluene	U	Less than 5 times the method blank
177426-020	9601	Toluene	U	Less than 5 times the method blank
177426-020	9601	Radium-226	J	Less than 3 times the MDC
177429-001	0392	Toluene	U	Less than 5 times the method blank
177429-003	0126	Chloroform	U	Less than 5 times the trip blank

Sample Shipping/Receiving

General Engineering Laboratories, in Charleston, South Carolina, received 20 water samples on December 9, 2006, accompanied by a Chain of Custody (COC) form. The COC form was checked to confirm that all of the samples were listed on the form with sample collection dates and times, and that signatures and dates were present indicating sample relinquishment and receipt. The COC form was complete with no errors or omissions. One VOA vial each for samples ENX 210, ENX 212, and ENX 213 were broken upon receipt. There was sufficient sample volume in the remaining vials to complete the analysis.

Preservation and Holding Times

The sample shipment was received cool and intact at a temperature within the chilled cooler of 2° C. All samples were received in the correct container types and had been preserved correctly for the requested analyses. Sample analysis was completed within the applicable holding times.

Laboratory Instrument Calibration

Data for this RIN were report at Analysis Service Level C (results plus quality control) and do not include calibration data.

Method SW-846 8260B, Volatiles

Internal standard recoveries and surrogate recoveries were within the acceptance ranges for all samples.

Method Blanks

The VOA method blank results were below the method detection limits for all analytes with the following exceptions. 1,2,3-Trichlorobenzene, 1,4-dichlorobenzene, naphthalene, and toluene were detected in the method blank analyzed on December 12, 2006. Chloroform and toluene were detected in the method blank analyzed on December 13, 2006. Sample results for these compounds that are less than five times the method blank concentration are qualified with a "U" flag as not detected.

All radiochemical method blank results were below the minimum detectable concentration.

Trip Blank

A trip blank was prepared and analyzed to document contamination attributable to shipping and field handling procedures. Chloroform, and toluene were detected in the trip blank. Sample results for these compounds that are less than five times the trip blank concentration are qualified with a "U" flag as not detected.

Matrix Spike Analysis

Matrix spike and matrix spike duplicate samples (MS/MSD) were analyzed for VOAs, radium-226, radium-228, strontium-90, and tritium as a measure of method performance in the sample matrix. The MS and MSD results met the acceptance for all analytes.

Laboratory Replicate Analysis

The relative percent difference (RPD) values for the laboratory control sample duplicate samples and MSD sample results for all analytes were less than 20 percent indicating acceptable precision.

Field Duplicate

Field duplicate samples are collected and analyzed as an indication of overall precision of the measurement process. The precision observed includes both field and laboratory precision and has more variability than laboratory duplicates which measure only laboratory performance. A duplicate samples was collected from location 0601. The duplicate results met the U.S. Environmental Protection Agency (EPA) recommended laboratory duplicate criteria of having a relative percent difference (RPD) of less than 20 percent for results that are greater than five times the practical quantitation limit indicating acceptable precision.

Laboratory Control Sample

Laboratory control samples (LCS) were analyzed at the correct frequency to provide information on the accuracy of the analytical method and the overall laboratory performance, including sample preparation. The LCS results were acceptable for all analysis categories.

Radiochemical Analysis

Radiochemical results are qualified with a "J" flag (estimated) when the result is greater than the minimum detectable concentration (MDC), but less than three times the MDC. Radiochemical results are qualified with a "U" flag (not detected) when the result is greater than the MDC, but less than the two sigma total propagated uncertainty (TPU).

Detection Limits/Dilutions

Samples were diluted in a consistent and acceptable manner when required. The required detection limits were met for all analytes with the following exception. The MDC for two tritium measurements was slightly above the required MDC of 400 pCi/L because of elevated tritium concentrations present in the samples.

Completeness

Results were reported in the correct units for all analytes requested using contract-required laboratory qualifiers.

Report Prepared By: _____

Laboratory Coordinator

SAMPLE MANAGEMENT SYSTEM
General Data Validation Worksheet

RIN: 06120600 Lab Code: GEN Validator: Steve Donivan Validation Date: 1/29/2007

Site: MOUND LTS&M GROUND WATER Analysis Type: ☐ Metals ☐ General Chem ☑ Rad ☑ Oraganics

# of Samples: 24 Matrix: WATER Requested Analysis Completed: Yes

Chain of Custody
Present: OK Signed: OK Dated: OK

Sample
Integrity: OK Preservation: OK Temperature: OK

Exceptions

Method	Analyte	Location	Ticket	Collection Date	Preparation Date	Analysis Date	Dilution Factor	Holding Time Met	Detection Limit Met
EPA 906.0 Modified	Tritium	601	ENX 205	12/5/2006		12/15/2006	1	Yes	No
EPA 906.0 Modified	Tritium	9601	ENX 212	12/5/2006		12/15/2006	1	Yes	No

Comments:

All samples were analyzed within the applicable holding times.

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 06120600 **Lab Code:** GEN **Date Due:** 1/6/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 1/5/2007

Sample	Analyte	Date Analyzed	Calibration Exceptions				SUR1 %R	SUR2 %R	SUR3 %R	SUR4 %R	LCS %R	MS %R	MSD %R	DUP %RSD
			Col.	AVG or R^2	Inter. or RSD	CCV %D								
0118	VOAs	12/12/2006					101.0	96.0	99.0					
0138	VOAs	12/12/2006					101.0	97.0	101.0					
0301	VOAs	12/12/2006					103.0	103.0	105.0					
0311	VOAs	12/12/2006					102.0	103.0	103.0					
0315	VOAs	12/13/2006					101.0	99.0	99.0					
0333	VOAs	12/13/2006					113.0	112.0	113.0					
0334	VOAs	12/13/2006					102.0	101.0	103.0					
0346	VOAs	12/13/2006					98.0	96.0	98.0					
0347	VOAs	12/13/2006					105.0	103.0	108.0					
0379	VOAs	12/13/2006					103.0	102.0	100.0					
0386	VOAs	12/13/2006					94.0	96.0	97.0					
0387	VOAs	12/13/2006					104.0	105.0	104.0					
0389	VOAs	12/13/2006					89.0	88.0	88.0					
0601	VOAs	12/13/2006					107.0	106.0	108.0					
0602	VOAs	12/12/2006					90.0	87.0	90.0					
0605	VOAs	12/12/2006					92.0	89.0	95.0					
0607	VOAs	12/12/2006					99.0	97.0	100.0					
0608	VOAs	12/12/2006					118.0	112.0	112.0					
9601	VOAs	12/13/2006					114.0	115.0	116.0					

Comments: _____

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 06120600 **Lab Code:** GEN **Date Due:** 1/6/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 1/5/2007

Sample	Analyte	Date Analyzed	Calibration Exceptions				SUR1 %R	SUR2 %R	SUR3 %R	SUR4 %R	LCS %R	MS %R	MSD %R	DUP %RSD
			Col.	AVG or R^2	Inter. or RSD	CCV %D								
LCS	1,1-Dichloroethene	12/12/2006					92.0	88.0	91.0		96.00			
LCS	1,1-Dichloroethene	12/12/2006					99.0	99.0	99.0		98.00			
LCS	1,1-Dichloroethene	12/13/2006					102.0	101.0	102.0		97.00			
LCS	Benzene	12/12/2006									93.00			
LCS	Benzene	12/12/2006									98.00			
LCS	Benzene	12/13/2006									97.00			
LCS	Chlorobenzene	12/12/2006									100.00			
LCS	Chlorobenzene	12/12/2006									99.00			
LCS	Chlorobenzene	12/13/2006									98.00			
LCS	Toluene	12/12/2006									101.00			
LCS	Toluene	12/12/2006									99.00			
LCS	Toluene	12/13/2006									99.00			
LCS	Trichloroethene	12/12/2006									97.00			
LCS	Trichloroethene	12/12/2006									99.00			
LCS	Trichloroethene	12/13/2006									95.00			
Method Blank	VOAs	12/12/2006					101.0	98.0	99.0					
Method Blank	VOAs	12/12/2006					85.0	87.0	89.0					
Method Blank	VOAs	12/13/2006					115.0	107.0	114.0					
MS	1,1-Dichloroethene	12/13/2006					95.0	95.0	100.0			90.00		

Comments: _____

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 06120600 **Lab Code:** GEN **Date Due:** 1/6/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 1/5/2007

Sample	Analyte	Date Analyzed	Calibration Exceptions				SUR1 %R	SUR2 %R	SUR3 %R	SUR4 %R	LCS %R	MS %R	MSD %R	DUP %RSD
			Col.	AVG or R^2	Inter. or RSD	CCV %D								
MS	Benzene	12/13/2006										90.00		
MS	Chlorobenzene	12/13/2006										92.00		
MS	Toluene	12/13/2006										91.00		
MS	Trichloroethene	12/13/2006										91.00		
MSD	1,1-Dichloroethene	12/13/2006					103.0	103.0	107.0			86.00		
MSD	Benzene	12/13/2006										88.00		
MSD	Chlorobenzene	12/13/2006										90.00		
MSD	Toluene	12/13/2006										89.00		
MSD	Trichloroethene	12/13/2006										88.00		
Trip Blank	VOAs	12/13/2006					102.0	105.0	105.0					

Comments: _____

SAMPLE MANAGEMENT SYSTEM
Radiochemistry Data Validation Worksheet

RIN: 06120600 **Lab Code:** GEN **Date Due:** 1/6/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 1/5/2007

Sample	Analyte	Date Analyzed	Result	Flag	Tracer %R	LCS %R	MS %R	Duplicate
0601	Radium-228	12/16/2006			63.0			
0601	Strontium-90	12/17/2006			79.0			
9601	Radium-228	12/16/2006			60.0			
9601	Strontium-90	12/17/2006			85.0			
Duplicate	Tritium	12/15/2006						0.70
Duplicate	Tritium	12/15/2006						0.70
Duplicate	Radium-228	12/16/2006						0.90
Duplicate	Radium-228	12/16/2006						2.30
Duplicate	Strontium-90	12/17/2006						1.70
Duplicate	Strontium-90	12/17/2006						2.40
Duplicate	Radium-226	12/19/2006						1.10
LCS	Tritium	12/15/2006				102.0		
LCS	Tritium	12/15/2006				115.0		
LCS	Radium-228	12/16/2006				95.0		
LCS	Strontium-90	12/17/2006				95.0		
LCS	Radium-226	12/19/2006				98.0		
Method Blank	Tritium	12/15/2006	216.0000	U				
Method Blank	Radium-228	12/16/2006	-1.4900	U				
Method Blank	Strontium-90	12/17/2006	0.2050	U				
Method Blank	Radium-226	12/19/2006	0.2690	U				
Method Blank	Tritium	12/30/2006	47.4000	U				
MS	Tritium	12/15/2006					103.0	
MS	Tritium	12/15/2006					83.0	
MS	Radium-228	12/16/2006					104.0	
MS	Radium-228	12/16/2006					110.0	
MS	Strontium-90	12/17/2006					97.0	
MS	Strontium-90	12/17/2006					103.0	
MS	Radium-226	12/19/2006					93.0	

Comments: _____

End of current text

Appendix C

2006 Data for Parcel 6, 7, and 8 Groundwater Monitoring

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0118 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/25/2006	N001	30.63	-	40.63	0.31	J		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/25/2006	N001	30.63	-	40.63	0.19	J		#	.5	
2-Butanone	ug/L	09/25/2006	N001	30.63	-	40.63	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/25/2006	N001	30.63	-	40.63	1	U		#	1	
Acetone	ug/L	09/25/2006	N001	30.63	-	40.63	0.88	J		#	1	
Benzene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
Bromodichloromethane	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
Bromoform	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0118 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromomethane	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/25/2006	N001	30.63	-	40.63	1	U		#	1	
Carbon tetrachloride	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
Chlorobenzene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
Chloroethane	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
Chloroform	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
Chloromethane	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/25/2006	N002	30.63	-	40.63	5.86			0		
Hexachlorobutadiene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
m,p-Xylene	ug/L	09/25/2006	N001	30.63	-	40.63	1	U		#	1	
Methylene chloride	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
Naphthalene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
o-Xylene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
Oxidation Reduction Potential	mV	09/25/2006	N002	30.63	-	40.63	76.4			0		
pH	s.u.	09/25/2006	N002	30.63	-	40.63	6.85			0		
Specific Conductance	umhos /cm	09/25/2006	N002	30.63	-	40.63	1306			0		
Styrene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0118 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Temperature	C	09/25/2006	N002	30.63	-	40.63	14.73			0		
Tetrachloroethene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
Toluene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
Total Xylene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
Trichloroethene	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	
Tritium	pCi/L	09/25/2006	N001	30.63	-	40.63	251	U		#	267	165
Turbidity	NTU	09/25/2006	N002	30.63	-	40.63	47.8			0		
Vinyl chloride	ug/L	09/25/2006	N001	30.63	-	40.63	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0124 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/28/2006	N001	45 - 55	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/28/2006	N001	45 - 55	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/28/2006	N001	45 - 55	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/28/2006	N001	45 - 55	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/28/2006	N001	45 - 55	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/28/2006	N001	45 - 55	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/28/2006	N001	45 - 55	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/28/2006	N001	45 - 55	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/28/2006	N001	45 - 55	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/28/2006	N001	45 - 55	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/28/2006	N001	45 - 55	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/28/2006	N001	45 - 55	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/28/2006	N001	45 - 55	0.17	J		#	.5	
2-Butanone	ug/L	09/28/2006	N001	45 - 55	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/28/2006	N001	45 - 55	1	U		#	1	
Acetone	ug/L	09/28/2006	N001	45 - 55	0.73	J		#	1	
Benzene	ug/L	09/28/2006	N001	45 - 55	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0124 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
Bromoform	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
Bromomethane	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/28/2006	N001	45	-	55	1	U		#	1	
Carbon tetrachloride	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
Chlorobenzene	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
Chloroethane	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
Chloroform	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
Chloromethane	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/28/2006	N002	0	-	0	0.35			0		
Hexachlorobutadiene	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
m,p-Xylene	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
Methylene chloride	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
Naphthalene	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
o-Xylene	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0124 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/28/2006	N002	0	-	0	17.2			0		
pH	s.u.	09/28/2006	N002	0	-	0	6.97			0		
Specific Conductance	umhos /cm	09/28/2006	N002	0	-	0	1197			0		
Styrene	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
Temperature	C	09/28/2006	N002	0	-	0	15.25			0		
Tetrachloroethene	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
Toluene	ug/L	09/28/2006	N001	45	-	55	0.079	J		#	.5	
Total Xylene	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
Trichloroethene	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	
Turbidity	NTU	09/28/2006	N002	0	-	0	7.85			0		
Vinyl chloride	ug/L	09/28/2006	N001	45	-	55	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0126 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/28/2006	N001	43.83 - 53.83	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/28/2006	N001	43.83 - 53.83	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/28/2006	N001	43.83 - 53.83	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/28/2006	N001	43.83 - 53.83	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/28/2006	N001	43.83 - 53.83	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/28/2006	N001	43.83 - 53.83	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/28/2006	N001	43.83 - 53.83	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/28/2006	N001	43.83 - 53.83	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/28/2006	N001	43.83 - 53.83	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/28/2006	N001	43.83 - 53.83	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/28/2006	N001	43.83 - 53.83	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/28/2006	N001	43.83 - 53.83	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/28/2006	N001	43.83 - 53.83	0.5	U		#	.5	
2-Butanone	ug/L	09/28/2006	N001	43.83 - 53.83	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/28/2006	N001	43.83 - 53.83	1	U		#	1	
Acetone	ug/L	09/28/2006	N001	43.83 - 53.83	0.42	J		#	1	
Benzene	ug/L	09/28/2006	N001	43.83 - 53.83	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0126 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
Bromoform	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
Bromomethane	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/28/2006	N001	43.83	-	53.83	1	U		#	1	
Carbon tetrachloride	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
Chlorobenzene	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
Chloroethane	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
Chloroform	ug/L	09/28/2006	N001	43.83	-	53.83	0.3	J	U	#	.5	
Chloromethane	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/28/2006	N002	0	-	0	0.93			0		
Hexachlorobutadiene	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
m,p-Xylene	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
Methylene chloride	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
Naphthalene	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
o-Xylene	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0126 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/28/2006	N002	0	-	0	37.3			0		
pH	s.u.	09/28/2006	N002	0	-	0	6.86			0		
Specific Conductance	umhos /cm	09/28/2006	N002	0	-	0	1343			0		
Styrene	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
Temperature	C	09/28/2006	N002	0	-	0	15.4			0		
Tetrachloroethene	ug/L	09/28/2006	N001	43.83	-	53.83	1			#	.5	
Toluene	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
Total Xylene	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
Trichloroethene	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	
Turbidity	NTU	09/28/2006	N002	0	-	0	17.2			0		
Vinyl chloride	ug/L	09/28/2006	N001	43.83	-	53.83	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0138 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/25/2006	N001	31 - 41	0.19	J		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/25/2006	N001	31 - 41	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/25/2006	N001	31 - 41	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/25/2006	N001	31 - 41	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/25/2006	N001	31 - 41	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/25/2006	N001	31 - 41	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/25/2006	N001	31 - 41	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/25/2006	N001	31 - 41	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/25/2006	N001	31 - 41	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/25/2006	N001	31 - 41	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/25/2006	N001	31 - 41	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/25/2006	N001	31 - 41	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/25/2006	N001	31 - 41	0.24	J		#	.5	
2-Butanone	ug/L	09/25/2006	N001	31 - 41	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/25/2006	N001	31 - 41	1	U		#	1	
Acetone	ug/L	09/25/2006	N001	31 - 41	0.77	J		#	1	
Benzene	ug/L	09/25/2006	N001	31 - 41	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0301 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/25/2006	N001	75.5	-	85.5	0.39	J		#	.5	
2-Butanone	ug/L	09/25/2006	N001	75.5	-	85.5	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/25/2006	N001	75.5	-	85.5	1	U		#	1	
Acetone	ug/L	09/25/2006	N001	75.5	-	85.5	1			#	1	
Benzene	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0301 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
Bromoform	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
Bromomethane	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/25/2006	N001	75.5	-	85.5	1	U		#	1	
Carbon tetrachloride	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
Chlorobenzene	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
Chloroethane	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
Chloroform	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
Chloromethane	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/25/2006	N002	0	-	0	0.27			0		
Hexachlorobutadiene	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
m,p-Xylene	ug/L	09/25/2006	N001	75.5	-	85.5	0.07	J		#	1	
Methylene chloride	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
Naphthalene	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
o-Xylene	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0138 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
Bromoform	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
Bromomethane	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/25/2006	N001	31	-	41	1	U		#	1	
Carbon tetrachloride	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
Chlorobenzene	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
Chloroethane	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
Chloroform	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
Chloromethane	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/25/2006	N002	0	-	0	3.27			0		
Hexachlorobutadiene	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
m,p-Xylene	ug/L	09/25/2006	N001	31	-	41	1	U		#	1	
Methylene chloride	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
Naphthalene	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
o-Xylene	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0138 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/25/2006	N002	0	-	0	63.1			0		
pH	s.u.	09/25/2006	N002	0	-	0	6.68			0		
Specific Conductance	umhos /cm	09/25/2006	N002	0	-	0	1632			0		
Styrene	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
Temperature	C	09/25/2006	N002	0	-	0	14.34			0		
Tetrachloroethene	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
Toluene	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
Total Xylene	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
Trichloroethene	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	
Tritium	pCi/L	09/25/2006	N001	31	-	41	10000			#	452	745
Turbidity	NTU	09/25/2006	N002	0	-	0	52.9			0		
Vinyl chloride	ug/L	09/25/2006	N001	31	-	41	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0301 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/25/2006	N002	0	-	0	-228.6			0		
pH	s.u.	09/25/2006	N002	0	-	0	8.26			0		
Specific Conductance	umhos /cm	09/25/2006	N002	0	-	0	942			0		
Styrene	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
Temperature	C	09/25/2006	N002	0	-	0	19.22			0		
Tetrachloroethene	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
Toluene	ug/L	09/25/2006	N001	75.5	-	85.5	0.11	JB	U	#	.5	
Total Xylene	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
Trichloroethene	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	
Tritium	pCi/L	09/25/2006	N001	75.5	-	85.5	30.6	U		#	258	148
Turbidity	NTU	09/25/2006	N002	0	-	0	192			0		
Vinyl chloride	ug/L	09/25/2006	N001	75.5	-	85.5	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0311 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/25/2006	N001	21.2	-	30.5	0.14	J		#	.5	
2-Butanone	ug/L	09/25/2006	N001	21.2	-	30.5	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/25/2006	N001	21.2	-	30.5	1	U		#	1	
Acetone	ug/L	09/25/2006	N001	21.2	-	30.5	0.83	J		#	1	
Benzene	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0311 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
Bromoform	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
Bromomethane	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/25/2006	N001	21.2	-	30.5	1	U		#	1	
Carbon tetrachloride	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
Chlorobenzene	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
Chloroethane	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
Chloroform	ug/L	09/25/2006	N001	21.2	-	30.5	0.33	J	U	#	.5	
Chloromethane	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/25/2006	N002	0	-	0	2.92			0		
Hexachlorobutadiene	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
m,p-Xylene	ug/L	09/25/2006	N001	21.2	-	30.5	1	U		#	1	
Methylene chloride	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
Naphthalene	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
o-Xylene	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0311 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/25/2006	N002	0	-	0	-35.6			0		
pH	s.u.	09/25/2006	N002	0	-	0	7.34			0		
Specific Conductance	umhos /cm	09/25/2006	N002	0	-	0	1170			0		
Styrene	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
Temperature	C	09/25/2006	N002	0	-	0	18.22			0		
Tetrachloroethene	ug/L	09/25/2006	N001	21.2	-	30.5	0.3	J		#	.5	
Toluene	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
Total Xylene	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
Trichloroethene	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	
Tritium	pCi/L	09/25/2006	N001	21.2	-	30.5	1910			#	266	234
Turbidity	NTU	09/25/2006	N002	0	-	0	46.2			0		
Vinyl chloride	ug/L	09/25/2006	N001	21.2	-	30.5	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0315 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/26/2006	N001	43.4	-	53.4	0.26	J		#	.5	
2-Butanone	ug/L	09/26/2006	N001	43.4	-	53.4	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/26/2006	N001	43.4	-	53.4	1	U		#	1	
Acetone	ug/L	09/26/2006	N001	43.4	-	53.4	0.99	J		#	1	
Benzene	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0315 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
Bromoform	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
Bromomethane	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/26/2006	N001	43.4	-	53.4	1	U		#	1	
Carbon tetrachloride	ug/L	09/26/2006	N001	43.4	-	53.4	1.1			#	.5	
Chlorobenzene	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
Chloroethane	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
Chloroform	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
Chloromethane	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/26/2006	N002	0	-	0	5.56			0		
Hexachlorobutadiene	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
m,p-Xylene	ug/L	09/26/2006	N001	43.4	-	53.4	1	U		#	1	
Methylene chloride	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
Naphthalene	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
o-Xylene	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0315 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/26/2006	N002	0	-	0	16.1			0		
pH	s.u.	09/26/2006	N002	0	-	0	7.16			0		
Specific Conductance	umhos /cm	09/26/2006	N002	0	-	0	1520			0		
Styrene	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
Temperature	C	09/26/2006	N002	0	-	0	15.18			0		
Tetrachloroethene	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
Toluene	ug/L	09/26/2006	N001	43.4	-	53.4	0.063	JB	U	#	.5	
Total Xylene	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	
Trichloroethene	ug/L	09/26/2006	N001	43.4	-	53.4	6.3			#	.5	
Turbidity	NTU	09/26/2006	N002	0	-	0	285			0		
Vinyl chloride	ug/L	09/26/2006	N001	43.4	-	53.4	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0333 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/28/2006	N001	65	-	75	0.1	J		#	.5	
2-Butanone	ug/L	09/28/2006	N001	65	-	75	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/28/2006	N001	65	-	75	1	U		#	1	
Acetone	ug/L	09/28/2006	N001	65	-	75	0.62	J		#	1	
Benzene	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0333 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
Bromoform	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
Bromomethane	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/28/2006	N001	65	-	75	1	U		#	1	
Carbon tetrachloride	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
Chlorobenzene	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
Chloroethane	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
Chloroform	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
Chloromethane	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/28/2006	N001	65	-	75	0.18	J		#	.5	
Dissolved Oxygen	mg/L	09/28/2006	N002	0	-	0	0.83			0		
Hexachlorobutadiene	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
m,p-Xylene	ug/L	09/28/2006	N001	65	-	75	1	U		#	1	
Methylene chloride	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
Naphthalene	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
o-Xylene	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0333 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/28/2006	N002	0	-	0	-95.5			0		
pH	s.u.	09/28/2006	N002	0	-	0	7.1			0		
Specific Conductance	umhos /cm	09/28/2006	N002	0	-	0	796			0		
Styrene	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
Temperature	C	09/28/2006	N002	0	-	0	15.39			0		
Tetrachloroethene	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
Toluene	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
Total Xylene	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	
Trichloroethene	ug/L	09/28/2006	N001	65	-	75	0.29	J		#	.5	
Tritium	pCi/L	09/28/2006	N001	65	-	75	256	U		#	258	160
Turbidity	NTU	09/28/2006	N002	0	-	0	37.6			0		
Vinyl chloride	ug/L	09/28/2006	N001	65	-	75	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0334 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/28/2006	N001	19	-	29	0.16	J		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/28/2006	N001	19	-	29	0.12	J		#	.5	
2-Butanone	ug/L	09/28/2006	N001	19	-	29	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/28/2006	N001	19	-	29	1	U		#	1	
Acetone	ug/L	09/28/2006	N001	19	-	29	1.1			#	1	
Benzene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0334 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
Bromoform	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
Bromomethane	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/28/2006	N001	19	-	29	1	U		#	1	
Carbon tetrachloride	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
Chlorobenzene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
Chloroethane	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
Chloroform	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
Chloromethane	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/28/2006	N002	0	-	0	4.89			0		
Hexachlorobutadiene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
m,p-Xylene	ug/L	09/28/2006	N001	19	-	29	1	U		#	1	
Methylene chloride	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
Naphthalene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
o-Xylene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0334 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/28/2006	N002	0	-	0	82.5			0		
pH	s.u.	09/28/2006	N002	0	-	0	6.95			0		
Specific Conductance	umhos /cm	09/28/2006	N002	0	-	0	1273			0		
Styrene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
Temperature	C	09/28/2006	N002	0	-	0	15.94			0		
Tetrachloroethene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
Toluene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
Total Xylene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
Trichloroethene	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	
Tritium	pCi/L	09/28/2006	N001	19	-	29	407			#	300	191
Turbidity	NTU	09/28/2006	N002	0	-	0	165			0		
Vinyl chloride	ug/L	09/28/2006	N001	19	-	29	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0346 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/26/2006	N001	41	-	46	0.27	J		#	.5	
2-Butanone	ug/L	09/26/2006	N001	41	-	46	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/26/2006	N001	41	-	46	1	U		#	1	
Acetone	ug/L	09/26/2006	N001	41	-	46	1.3			#	1	
Benzene	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0346 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
Bromoform	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
Bromomethane	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/26/2006	N001	41	-	46	1	U		#	1	
Carbon tetrachloride	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
Chlorobenzene	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
Chloroethane	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
Chloroform	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
Chloromethane	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/26/2006	N002	0	-	0	0.26			0		
Hexachlorobutadiene	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
m,p-Xylene	ug/L	09/26/2006	N001	41	-	46	0.033	J		#	1	
Methylene chloride	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
Naphthalene	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
o-Xylene	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0346 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/26/2006	N002	0	-	0	-37.7			0		
pH	s.u.	09/26/2006	N002	0	-	0	7.21			0		
Specific Conductance	umhos /cm	09/26/2006	N002	0	-	0	2105			0		
Styrene	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
Temperature	C	09/26/2006	N002	0	-	0	15.74			0		
Tetrachloroethene	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
Toluene	ug/L	09/26/2006	N001	41	-	46	0.071	JB	U	#	.5	
Total Xylene	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
Trichloroethene	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	
Tritium	pCi/L	09/26/2006	N001	41	-	46	3490			#	260	281
Turbidity	NTU	09/26/2006	N002	0	-	0	225			0		
Vinyl chloride	ug/L	09/26/2006	N001	41	-	46	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0347 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/27/2006	N001	57	-	67	0.27	J		#	.5	
2-Butanone	ug/L	09/27/2006	N001	57	-	67	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/27/2006	N001	57	-	67	1	U		#	1	
Acetone	ug/L	09/27/2006	N001	57	-	67	0.97	J		#	1	
Benzene	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0347 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
Bromoform	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
Bromomethane	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/27/2006	N001	57	-	67	1	U		#	1	
Carbon tetrachloride	ug/L	09/27/2006	N001	57	-	67	2.9			#	.5	
Chlorobenzene	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
Chloroethane	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
Chloroform	ug/L	09/27/2006	N001	57	-	67	0.37	J	U	#	.5	
Chloromethane	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/27/2006	N002	0	-	0	2.83			0		
Hexachlorobutadiene	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
m,p-Xylene	ug/L	09/27/2006	N001	57	-	67	0.032	J		#	1	
Methylene chloride	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
Naphthalene	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
o-Xylene	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0347 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/27/2006	N002	0	-	0	-22.5			0		
pH	s.u.	09/27/2006	N002	0	-	0	6.91			0		
Specific Conductance	umhos /cm	09/27/2006	N002	0	-	0	1727			0		
Styrene	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
Temperature	C	09/27/2006	N002	0	-	0	16.19			0		
Tetrachloroethene	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
Toluene	ug/L	09/27/2006	N001	57	-	67	0.066	JB	U	#	.5	
Total Xylene	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	
Trichloroethene	ug/L	09/27/2006	N001	57	-	67	22			#	.5	
Tritium	pCi/L	09/27/2006	N001	57	-	67	16800			#	259	545
Turbidity	NTU	09/27/2006	N002	0	-	0	1000	>		0		
Vinyl chloride	ug/L	09/27/2006	N001	57	-	67	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0379 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/26/2006	N001	30 - 40	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/26/2006	N001	30 - 40	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/26/2006	N001	30 - 40	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/26/2006	N001	30 - 40	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/26/2006	N001	30 - 40	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/26/2006	N001	30 - 40	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/26/2006	N001	30 - 40	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/26/2006	N001	30 - 40	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/26/2006	N001	30 - 40	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/26/2006	N001	30 - 40	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/26/2006	N001	30 - 40	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/26/2006	N001	30 - 40	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/26/2006	N001	30 - 40	0.22	J		#	.5	
2-Butanone	ug/L	09/26/2006	N001	30 - 40	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/26/2006	N001	30 - 40	1	U		#	1	
Acetone	ug/L	09/26/2006	N001	30 - 40	1.3			#	1	
Benzene	ug/L	09/26/2006	N001	30 - 40	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0379 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
Bromoform	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
Bromomethane	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/26/2006	N001	30	-	40	1	U		#	1	
Carbon tetrachloride	ug/L	09/26/2006	N001	30	-	40	0.51			#	.5	
Chlorobenzene	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
Chloroethane	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
Chloroform	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
Chloromethane	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/26/2006	N002	0	-	0	2.37			0		
Hexachlorobutadiene	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
m,p-Xylene	ug/L	09/26/2006	N001	30	-	40	1	U		#	1	
Methylene chloride	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
Naphthalene	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
o-Xylene	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0379 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/26/2006	N002	0	-	0	-12.3			0		
pH	s.u.	09/26/2006	N002	0	-	0	7.12			0		
Specific Conductance	umhos /cm	09/26/2006	N002	0	-	0	1976			0		
Styrene	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
Temperature	C	09/26/2006	N002	0	-	0	15.73			0		
Tetrachloroethene	ug/L	09/26/2006	N001	30	-	40	0.42	J		#	.5	
Toluene	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
Total Xylene	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	
Trichloroethene	ug/L	09/26/2006	N001	30	-	40	2.2			#	.5	
Tritium	pCi/L	09/26/2006	N001	30	-	40	1640			#	264	223
Turbidity	NTU	09/26/2006	N002	0	-	0	50.3			0		
Vinyl chloride	ug/L	09/26/2006	N001	30	-	40	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0386 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/27/2006	N001	77	-	87	0.4	J		#	.5	
2-Butanone	ug/L	09/27/2006	N001	77	-	87	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/27/2006	N001	77	-	87	1	U		#	1	
Acetone	ug/L	09/27/2006	N001	77	-	87	1.2			#	1	
Benzene	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0386 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
Bromoform	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
Bromomethane	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/27/2006	N001	77	-	87	1	U		#	1	
Carbon tetrachloride	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
Chlorobenzene	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
Chloroethane	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
Chloroform	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
Chloromethane	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/27/2006	N002	0	-	0	2.65			0		
Hexachlorobutadiene	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
m,p-Xylene	ug/L	09/27/2006	N001	77	-	87	0.042	J		#	1	
Methylene chloride	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
Naphthalene	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
o-Xylene	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0386 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/27/2006	N002	0	-	0	10.2			0		
pH	s.u.	09/27/2006	N002	0	-	0	6.84			0		
Specific Conductance	umhos /cm	09/27/2006	N002	0	-	0	1230			0		
Styrene	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
Temperature	C	09/27/2006	N002	0	-	0	17.37			0		
Tetrachloroethene	ug/L	09/27/2006	N001	77	-	87	0.14	J		#	.5	
Toluene	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
Total Xylene	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	
Trichloroethene	ug/L	09/27/2006	N001	77	-	87	2.8			#	.5	
Turbidity	NTU	09/27/2006	N002	0	-	0	1000	>		0		
Vinyl chloride	ug/L	09/27/2006	N001	77	-	87	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0387 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/27/2006	N001	77	-	82	0.1	J		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/27/2006	N001	77	-	82	0.29	J		#	.5	
2-Butanone	ug/L	09/27/2006	N001	77	-	82	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/27/2006	N001	77	-	82	1	U		#	1	
Acetone	ug/L	09/27/2006	N001	77	-	82	0.38	J		#	1	
Benzene	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0387 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
Bromoform	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
Bromomethane	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/27/2006	N001	77	-	82	1	U		#	1	
Carbon tetrachloride	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
Chlorobenzene	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
Chloroethane	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
Chloroform	ug/L	09/27/2006	N001	77	-	82	0.25	J	U	#	.5	
Chloromethane	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/27/2006	N002	0	-	0	0.29			0		
Hexachlorobutadiene	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
m,p-Xylene	ug/L	09/27/2006	N001	77	-	82	1	U		#	1	
Methylene chloride	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
Naphthalene	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
o-Xylene	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0387 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/27/2006	N002	0	-	0	-3.9			0		
pH	s.u.	09/27/2006	N002	0	-	0	6.8			0		
Specific Conductance	umhos /cm	09/27/2006	N002	0	-	0	1509			0		
Styrene	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
Temperature	C	09/27/2006	N002	0	-	0	15.17			0		
Tetrachloroethene	ug/L	09/27/2006	N001	77	-	82	0.16	J		#	.5	
Toluene	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
Total Xylene	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
Trichloroethene	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	
Turbidity	NTU	09/27/2006	N002	0	-	0	124			0		
Vinyl chloride	ug/L	09/27/2006	N001	77	-	82	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0389 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/27/2006	N001	42	-	52	0.26	J		#	.5	
2-Butanone	ug/L	09/27/2006	N001	42	-	52	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/27/2006	N001	42	-	52	1	U		#	1	
Acetone	ug/L	09/27/2006	N001	42	-	52	0.49	J		#	1	
Benzene	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0389 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
Bromoform	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
Bromomethane	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/27/2006	N001	42	-	52	1	U		#	1	
Carbon tetrachloride	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
Chlorobenzene	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
Chloroethane	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
Chloroform	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
Chloromethane	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/27/2006	N002	0	-	0	3.87			0		
Hexachlorobutadiene	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
m,p-Xylene	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
Methylene chloride	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
Naphthalene	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
o-Xylene	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0389 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/27/2006	N002	0	-	0	24.2			0		
pH	s.u.	09/27/2006	N002	0	-	0	6.78			0		
Specific Conductance	umhos /cm	09/27/2006	N002	0	-	0	1237			0		
Styrene	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
Temperature	C	09/27/2006	N002	0	-	0	15.61			0		
Tetrachloroethene	ug/L	09/27/2006	N001	42	-	52	0.75			#	.5	
Toluene	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
Total Xylene	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	
Trichloroethene	ug/L	09/27/2006	N001	42	-	52	0.98			#	.5	
Turbidity	NTU	09/27/2006	N002	0	-	0	532			0		
Vinyl chloride	ug/L	09/27/2006	N001	42	-	52	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0392 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/27/2006	N001	40	-	45	0.34	J		#	.5	
2-Butanone	ug/L	09/27/2006	N001	40	-	45	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/27/2006	N001	40	-	45	1	U		#	1	
Acetone	ug/L	09/27/2006	N001	40	-	45	0.85	J		#	1	
Benzene	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0392 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
Bromoform	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
Bromomethane	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/27/2006	N001	40	-	45	1	U		#	1	
Carbon tetrachloride	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
Chlorobenzene	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
Chloroethane	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
Chloroform	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
Chloromethane	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/27/2006	N002	0	-	0	3.92			0		
Hexachlorobutadiene	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
m,p-Xylene	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
Methylene chloride	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
Naphthalene	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
o-Xylene	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0392 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/27/2006	N002	0	-	0	33			0		
pH	s.u.	09/27/2006	N002	0	-	0	6.79			0		
Specific Conductance	umhos /cm	09/27/2006	N002	0	-	0	1303			0		
Styrene	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
Temperature	C	09/27/2006	N002	0	-	0	15.85			0		
Tetrachloroethene	ug/L	09/27/2006	N001	40	-	45	0.4	J		#	.5	
Toluene	ug/L	09/27/2006	N001	40	-	45	0.063	J		#	.5	
Total Xylene	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
Trichloroethene	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	
Turbidity	NTU	09/27/2006	N002	0	-	0	9.21			0		
Vinyl chloride	ug/L	09/27/2006	N001	40	-	45	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1,1-Trichloroethane	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,2-Dichlorobenzene	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/26/2006	N002	0	-	0	0.11	J		#	.5	
2-Butanone	ug/L	09/26/2006	N001	0	-	0	1	U		#	1	
2-Butanone	ug/L	09/26/2006	N002	0	-	0	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/26/2006	N001	0	-	0	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/26/2006	N002	0	-	0	1	U		#	1	
Acetone	ug/L	09/26/2006	N001	0	-	0	1	U		#	1	
Acetone	ug/L	09/26/2006	N002	0	-	0	0.6	J		#	1	
Benzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Benzene	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Bromodichloromethane	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
Bromoform	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Bromoform	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
Bromomethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Bromomethane	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/26/2006	N001	0	-	0	1	U		#	1	
Carbon Disulfide	ug/L	09/26/2006	N002	0	-	0	1	U		#	1	
Carbon tetrachloride	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Carbon tetrachloride	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
Chlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chlorobenzene	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
Chloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chloroethane	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
Chloroform	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroform	ug/L	09/26/2006	N002	0 - 0	0.5	U		#	.5	
Chloromethane	ug/L	09/26/2006	N001	0 - 0	0.5	U		#	.5	
Chloromethane	ug/L	09/26/2006	N002	0 - 0	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/26/2006	N001	0 - 0	1.5			#	.5	
cis-1,2-Dichloroethene	ug/L	09/26/2006	N002	0 - 0	1.7			#	.5	
Dissolved Oxygen	mg/L	09/26/2006	N003	0 - 0	5.23			0		
Hexachlorobutadiene	ug/L	09/26/2006	N001	0 - 0	0.5	U		#	.5	
Hexachlorobutadiene	ug/L	09/26/2006	N002	0 - 0	0.5	U		#	.5	
m,p-Xylene	ug/L	09/26/2006	N001	0 - 0	0.5	U		#	.5	
m,p-Xylene	ug/L	09/26/2006	N002	0 - 0	0.5	U		#	.5	
Methylene chloride	ug/L	09/26/2006	N001	0 - 0	0.5	U		#	.5	
Methylene chloride	ug/L	09/26/2006	N002	0 - 0	0.5	U		#	.5	
Naphthalene	ug/L	09/26/2006	N001	0 - 0	0.5	U		#	.5	
Naphthalene	ug/L	09/26/2006	N002	0 - 0	0.5	U		#	.5	
o-Xylene	ug/L	09/26/2006	N001	0 - 0	0.5	U		#	.5	
o-Xylene	ug/L	09/26/2006	N002	0 - 0	0.5	U		#	.5	
Oxidation Reduction Potential	mV	09/26/2006	N003	0 - 0	84.3			0		

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
pH	s.u.	09/26/2006	N003	0	-	0	6.95			0		
Radium-226	pCi/L	09/26/2006	N001	0	-	0	0.784		J	#	.453	.364
Radium-226	pCi/L	09/26/2006	N002	0	-	0	0.433		J	#	.39	.278
Radium-228	pCi/L	09/26/2006	N001	0	-	0	3.73			#	.685	.669
Radium-228	pCi/L	09/26/2006	N002	0	-	0	0.71		J	#	.664	.431
Specific Conductance	umhos /cm	09/26/2006	N003	0	-	0	18.25			0		
Strontium-90	pCi/L	09/26/2006	N001	0	-	0	2.18			#	.679	.653
Strontium-90	pCi/L	09/26/2006	N002	0	-	0	3			#	.513	.643
Styrene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Styrene	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
Temperature	C	09/26/2006	N003	0	-	0	14.92			0		
Tetrachloroethene	ug/L	09/26/2006	N001	0	-	0	18			#	.5	
Tetrachloroethene	ug/L	09/26/2006	N002	0	-	0	20			#	.5	
Toluene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Toluene	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
Total Xylene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Total Xylene	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
trans-1,2-Dichloroethene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	
Trichloroethene	ug/L	09/26/2006	N001	0	-	0	8			#	.5	
Trichloroethene	ug/L	09/26/2006	N002	0	-	0	8.9			#	.5	
Tritium	pCi/L	09/26/2006	N001	0	-	0	204000			#	482	4010
Tritium	pCi/L	09/26/2006	N002	0	-	0	199000			#	476	3900
Turbidity	NTU	09/26/2006	N003	0	-	0	6.61			0		
Vinyl chloride	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Vinyl chloride	ug/L	09/26/2006	N002	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/27/2006	N001	0	-	0	0.23	J		#	.5	
1,1-Dichloroethene	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
2-Butanone	ug/L	09/27/2006	N001	0	-	0	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/27/2006	N001	0	-	0	1	U		#	1	
Acetone	ug/L	09/27/2006	N001	0	-	0	1.5			#	1	
Benzene	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
Bromoform	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
Bromomethane	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/27/2006	N001	0	-	0	4			#	1	
Carbon tetrachloride	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
Chlorobenzene	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
Chloroethane	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
Chloroform	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
Chloromethane	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/27/2006	N001	0	-	0	16			#	.5	
Dissolved Oxygen	mg/L	09/27/2006	N002	0	-	0	10.78			0		
Hexachlorobutadiene	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
m,p-Xylene	ug/L	09/27/2006	N001	0	-	0	1	U		#	1	
Methylene chloride	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
Naphthalene	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
o-Xylene	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/27/2006	N002	0	-	0	104			0		
pH	s.u.	09/27/2006	N002	0	-	0	7.42			0		
Specific Conductance	umhos /cm	09/27/2006	N002	0	-	0	2069			0		
Styrene	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
Temperature	C	09/27/2006	N002	0	-	0	15.19			0		
Tetrachloroethene	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
Toluene	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
Total Xylene	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	
Trichloroethene	ug/L	09/27/2006	N001	0	-	0	15			#	.5	
Tritium	pCi/L	09/27/2006	N001	0	-	0	82700			#	329	1640
Turbidity	NTU	09/27/2006	N002	0	-	0	26.1			0		
Vinyl chloride	ug/L	09/27/2006	N001	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
2-Butanone	ug/L	09/26/2006	N001	0	-	0	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/26/2006	N001	0	-	0	1	U		#	1	
Acetone	ug/L	09/26/2006	N001	0	-	0	1.2			#	1	
Benzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Bromoform	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Bromomethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/26/2006	N001	0	-	0	4.4			#	1	
Carbon tetrachloride	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chloroform	ug/L	09/26/2006	N001	0	-	0	0.17	J	U	#	.5	
Chloromethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/26/2006	N001	0	-	0	1.9			#	.5	
Dissolved Oxygen	mg/L	09/26/2006	N002	0	-	0	5.31			0		
Hexachlorobutadiene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
m,p-Xylene	ug/L	09/26/2006	N001	0	-	0	1	U		#	1	
Methylene chloride	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Naphthalene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
o-Xylene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/26/2006	N002	0	-	0	81.4			0		
pH	s.u.	09/26/2006	N002	0	-	0	6.86			0		
Specific Conductance	umhos /cm	09/26/2006	N002	0	-	0	2167			0		
Styrene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Temperature	C	09/26/2006	N002	0	-	0	14.2			0		
Tetrachloroethene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Toluene	ug/L	09/26/2006	N001	0	-	0	0.11	JB	U	#	.5	
Total Xylene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/26/2006	N001	0	-	0	0.18	J		#	.5	
Trichloroethene	ug/L	09/26/2006	N001	0	-	0	8.8			#	.5	
Tritium	pCi/L	09/26/2006	N001	0	-	0	55800			#	285	1110
Turbidity	NTU	09/26/2006	N002	0	-	0	137			0		
Vinyl chloride	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
2-Butanone	ug/L	09/26/2006	N001	0	-	0	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/26/2006	N001	0	-	0	1	U		#	1	
Acetone	ug/L	09/26/2006	N001	0	-	0	0.64	J		#	1	
Benzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Bromoform	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Bromomethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/26/2006	N001	0	-	0	1	U		#	1	
Carbon tetrachloride	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chloroform	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chloromethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/26/2006	N001	0	-	0	1.9			#	.5	
Dissolved Oxygen	mg/L	09/26/2006	N002	0	-	0	4.92			0		
Hexachlorobutadiene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
m,p-Xylene	ug/L	09/26/2006	N001	0	-	0	1	U		#	1	
Methylene chloride	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Naphthalene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
o-Xylene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/26/2006	N002	0	-	0	162.9			0		
pH	s.u.	09/26/2006	N002	0	-	0	6.83			0		
Specific Conductance	umhos /cm	09/26/2006	N002	0	-	0	2246			0		
Styrene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Temperature	C	09/26/2006	N002	0	-	0	15.13			0		
Tetrachloroethene	ug/L	09/26/2006	N001	0	-	0	0.31	J		#	.5	
Toluene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Total Xylene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Trichloroethene	ug/L	09/26/2006	N001	0	-	0	8.5			#	.5	
Tritium	pCi/L	09/26/2006	N001	0	-	0	25300			#	262	665
Turbidity	NTU	09/26/2006	N002	0	-	0	5.56			0		
Vinyl chloride	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1-Trichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1,2,2-Tetrachloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1,2-Trichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1-Dichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,1-Dichloroethene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2,4-Trichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dibromo-3-chloropropane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dibromoethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dichloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,2-Dichloropropane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,3-Dichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
1,4-Dichlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
2-Butanone	ug/L	09/26/2006	N001	0	-	0	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	09/26/2006	N001	0	-	0	1	U		#	1	
Acetone	ug/L	09/26/2006	N001	0	-	0	0.87	J		#	1	
Benzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromodichloromethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Bromoform	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Bromomethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Carbon Disulfide	ug/L	09/26/2006	N001	0	-	0	1	U		#	1	
Carbon tetrachloride	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chlorobenzene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chlorodibromomethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chloroethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chloroform	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Chloromethane	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
cis-1,2-Dichloroethene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Dissolved Oxygen	mg/L	09/26/2006	N002	0	-	0	11.25			0		
Hexachlorobutadiene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
m,p-Xylene	ug/L	09/26/2006	N001	0	-	0	1	U		#	1	
Methylene chloride	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Naphthalene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
o-Xylene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	09/26/2006	N002	0	-	0	-57.1			0		
pH	s.u.	09/26/2006	N002	0	-	0	7.32			0		
Specific Conductance	umhos /cm	09/26/2006	N002	0	-	0	2440			0		
Styrene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Temperature	C	09/26/2006	N002	0	-	0	14.42			0		
Tetrachloroethene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Toluene	ug/L	09/26/2006	N001	0	-	0	0.3	JB	U	#	.5	
Total Xylene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
trans-1,2-Dichloroethene	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	
Trichloroethene	ug/L	09/26/2006	N001	0	-	0	0.26	J		#	.5	
Tritium	pCi/L	09/26/2006	N001	0	-	0	54000			#	280	1070
Turbidity	NTU	09/26/2006	N002	0	-	0	288			0		
Vinyl chloride	ug/L	09/26/2006	N001	0	-	0	0.5	U		#	.5	

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

*	Replicate analysis not within control limits.
>	Result above upper detection limit.
A	TIC is a suspected aldol-condensation product.
B	Inorganic: Result is between the IDL and CRDL. Organic: 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
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.
U	Analytical result below detection limit.
W	Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
X,Y,Z	Laboratory defined 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.	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.

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0118 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/04/2006	N001	30.63	-	40.63	0.329	J		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,1-Dichloroethane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,1-Dichloroethene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,1-Dichloropropene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,2-Dibromoethane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,2-Dichloroethane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,2-Dichloropropane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0118 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3,5-Trimethylbenzene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,3-Dichlorobenzene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,3-Dichloropropane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/04/2006	N001	30.63	-	40.63	0.194	BJ	U	#	1	
2,2-Dichloropropane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
2-Butanone	ug/L	12/04/2006	N001	30.63	-	40.63	10	U		#	10	
2-Chlorotoluene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
2-Hexanone	ug/L	12/04/2006	N001	30.63	-	40.63	10	U		#	10	
4-Chlorotoluene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/04/2006	N001	30.63	-	40.63	10	U		#	10	
Acetone	ug/L	12/04/2006	N001	30.63	-	40.63	1.53	J		#	10	
Benzene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Bromobenzene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Bromochloromethane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Bromodichloromethane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Bromoform	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Bromomethane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0118 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon Disulfide	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Carbon tetrachloride	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Chlorobenzene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Chlorodibromomethane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Chloroethane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Chloroform	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Chloromethane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
cis-1,3-Dichloropropene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Dibromomethane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Dissolved Oxygen	mg/L	12/04/2006	N001	30.63	-	40.63	5.57			0		
Hexachlorobutadiene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Isopropylbenzene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Methylene chloride	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
n-Butylbenzene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
n-Propylbenzene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0118 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Naphthalene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Oxidation Reduction Potential	mV	12/04/2006	N001	30.63	-	40.63	167.3			0		
p-Isopropyltoluene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
pH	s.u.	12/04/2006	N001	30.63	-	40.63	6.91			0		
sec-Butylbenzene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Specific Conductance	umhos /cm	12/04/2006	N001	30.63	-	40.63	1271			0		
Styrene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Temperature	C	12/04/2006	N001	30.63	-	40.63	10.2			0		
tert-Butylbenzene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Tetrachloroethene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Toluene	ug/L	12/04/2006	N001	30.63	-	40.63	0.142	BJ	U	#	1	
Total Xylene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Total Xylenes	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Trichloroethene	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	
Trichlorofluoromethane	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0118 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Tritium	pCi/L	12/04/2006	N001	30.63	-	40.63	315	U		#	337	207
Turbidity	NTU	12/04/2006	N001	30.63	-	40.63	967			0		
Vinyl chloride	ug/L	12/04/2006	N001	30.63	-	40.63	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0124 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,1-Dichloroethane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,1-Dichloroethene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,1-Dichloropropene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,2-Dibromoethane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,2-Dichloroethane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,2-Dichloropropane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0124 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,3-Dichloropropane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
2,2-Dichloropropane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
2-Butanone	ug/L	12/07/2006	N001	45	-	55	10	U		#	10	
2-Chlorotoluene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
2-Hexanone	ug/L	12/07/2006	N001	45	-	55	10	U		#	10	
4-Chlorotoluene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/07/2006	N001	45	-	55	10	U		#	10	
Acetone	ug/L	12/07/2006	N001	45	-	55	1.4	J		#	10	
Benzene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Bromobenzene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Bromochloromethane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Bromodichloromethane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Bromoform	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Bromomethane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Carbon Disulfide	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0124 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Chlorobenzene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Chlorodibromomethane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Chloroethane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Chloroform	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Chloromethane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
cis-1,3-Dichloropropene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Dibromomethane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Dissolved Oxygen	mg/L	12/07/2006	N001	45	-	55	1.01			0		
Hexachlorobutadiene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Isopropylbenzene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Methylene chloride	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
n-Butylbenzene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
n-Propylbenzene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	
Naphthalene	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
***Location:* 0124 WELL Mound Operable Unit 1**

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/07/2006	N001	45 - 55	13.5			0		
p-Isopropyltoluene	ug/L	12/07/2006	N001	45 - 55	1	U		#	1	
pH	s.u.	12/07/2006	N001	45 - 55	6.91			0		
sec-Butylbenzene	ug/L	12/07/2006	N001	45 - 55	1	U		#	1	
Specific Conductance	umhos /cm	12/07/2006	N001	45 - 55	1157			0		
Styrene	ug/L	12/07/2006	N001	45 - 55	1	U		#	1	
Temperature	C	12/07/2006	N001	45 - 55	10.28			0		
tert-Butylbenzene	ug/L	12/07/2006	N001	45 - 55	1	U		#	1	
Tetrachloroethene	ug/L	12/07/2006	N001	45 - 55	1	U		#	1	
Toluene	ug/L	12/07/2006	N001	45 - 55	1	U		#	1	
Total Xylene	ug/L	12/07/2006	N001	45 - 55	1	U		#	1	
Total Xylenes	ug/L	12/07/2006	N001	45 - 55	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/07/2006	N001	45 - 55	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/07/2006	N001	45 - 55	1	U		#	1	
Trichloroethene	ug/L	12/07/2006	N001	45 - 55	1	U		#	1	
Trichlorofluoromethane	ug/L	12/07/2006	N001	45 - 55	1	U		#	1	
Turbidity	NTU	12/07/2006	N001	45 - 55	1.56			0		

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0124 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Vinyl chloride	ug/L	12/07/2006	N001	45	-	55	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0126 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,1-Dichloroethane	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,1-Dichloroethene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,1-Dichloropropene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,2-Dibromoethane	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,2-Dichloroethane	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,2-Dichloropropane	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0126 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
1,3-Dichloropropane	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
2,2-Dichloropropane	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
2-Butanone	ug/L	12/07/2006	N001	43.83	-	53.83	10	U		#	10	
2-Chlorotoluene	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
2-Hexanone	ug/L	12/07/2006	N001	43.83	-	53.83	10	U		#	10	
4-Chlorotoluene	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/07/2006	N001	43.83	-	53.83	10	U		#	10	
Acetone	ug/L	12/07/2006	N001	43.83	-	53.83	1.62	J		#	10	
Benzene	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Bromobenzene	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Bromochloromethane	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Bromodichloromethane	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Bromoform	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Bromomethane	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Carbon Disulfide	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0126 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Chlorobenzene	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Chlorodibromomethane	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Chloroethane	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Chloroform	ug/L	12/07/2006	N001	43.83	-	53.83	0.179	J	U	#	1	
Chloromethane	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
cis-1,3-Dichloropropene	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Dibromomethane	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Dissolved Oxygen	mg/L	12/07/2006	N001	43.83	-	53.83	0.46			0		
Hexachlorobutadiene	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Isopropylbenzene	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Methylene chloride	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
n-Butylbenzene	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
n-Propylbenzene	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	
Naphthalene	ug/L	12/07/2006	N001	43.83	-	53.83	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0126 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/07/2006	N001	43.83 - 53.83	33.3			0		
p-Isopropyltoluene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
pH	s.u.	12/07/2006	N001	43.83 - 53.83	6.82			0		
sec-Butylbenzene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
Specific Conductance	umhos /cm	12/07/2006	N001	43.83 - 53.83	1269			0		
Styrene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
Temperature	C	12/07/2006	N001	43.83 - 53.83	10.61			0		
tert-Butylbenzene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
Tetrachloroethene	ug/L	12/07/2006	N001	43.83 - 53.83	0.862	J		#	1	
Toluene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
Total Xylene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
Total Xylenes	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
Trichloroethene	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
Trichlorofluoromethane	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	
Turbidity	NTU	12/07/2006	N001	43.83 - 53.83	15.1			0		

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0126 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Vinyl chloride	ug/L	12/07/2006	N001	43.83 - 53.83	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0138 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/04/2006	N001	31	-	41	0.212	J		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,1-Dichloroethane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,1-Dichloroethene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,1-Dichloropropene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,2-Dibromoethane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,2-Dichloroethane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,2-Dichloropropane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0138 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,3-Dichloropropane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/04/2006	N001	31	-	41	0.19	BJ	U	#	1	
2,2-Dichloropropane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
2-Butanone	ug/L	12/04/2006	N001	31	-	41	10	U		#	10	
2-Chlorotoluene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
2-Hexanone	ug/L	12/04/2006	N001	31	-	41	10	U		#	10	
4-Chlorotoluene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/04/2006	N001	31	-	41	10	U		#	10	
Acetone	ug/L	12/04/2006	N001	31	-	41	1.28	J		#	10	
Benzene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Bromobenzene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Bromochloromethane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Bromodichloromethane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Bromoform	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Bromomethane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Carbon Disulfide	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0138 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Chlorobenzene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Chlorodibromomethane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Chloroethane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Chloroform	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Chloromethane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
cis-1,3-Dichloropropene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Dibromomethane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Dissolved Oxygen	mg/L	12/04/2006	N001	31	-	41	2.98			0		
Hexachlorobutadiene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Isopropylbenzene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Methylene chloride	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
n-Butylbenzene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
n-Propylbenzene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Naphthalene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0138 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/04/2006	N001	31	-	41	163.8			0		
p-Isopropyltoluene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
pH	s.u.	12/04/2006	N001	31	-	41	6.86			0		
sec-Butylbenzene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Specific Conductance	umhos /cm	12/04/2006	N001	31	-	41	1533			0		
Styrene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Temperature	C	12/04/2006	N001	31	-	41	8.37			0		
tert-Butylbenzene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Tetrachloroethene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Toluene	ug/L	12/04/2006	N001	31	-	41	0.12	BJ	U	#	1	
Total Xylene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Total Xylenes	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Trichloroethene	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Trichlorofluoromethane	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	
Tritium	pCi/L	12/04/2006	N001	31	-	41	6910			#	328	424

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0138 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Turbidity	NTU	12/04/2006	N001	31	-	41	388			0		
Vinyl chloride	ug/L	12/04/2006	N001	31	-	41	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0301 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,1-Dichloroethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,1-Dichloroethene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,1-Dichloropropene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/06/2006	N001	75.5	-	85.5	0.0832	J		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,2-Dibromoethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,2-Dichloroethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,2-Dichloropropane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0301 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,3-Dichloropropane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/06/2006	N001	75.5	-	85.5	0.226	BJ	U	#	1	
2,2-Dichloropropane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
2-Butanone	ug/L	12/06/2006	N001	75.5	-	85.5	10	U		#	10	
2-Chlorotoluene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
2-Hexanone	ug/L	12/06/2006	N001	75.5	-	85.5	10	U		#	10	
4-Chlorotoluene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/06/2006	N001	75.5	-	85.5	10	U		#	10	
Acetone	ug/L	12/06/2006	N001	75.5	-	85.5	1.05	J		#	10	
Benzene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Bromobenzene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Bromochloromethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Bromodichloromethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Bromoform	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Bromomethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Carbon Disulfide	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0301 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Chlorobenzene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Chlorodibromomethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Chloroethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Chloroform	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Chloromethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
cis-1,3-Dichloropropene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Dibromomethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Dissolved Oxygen	mg/L	12/06/2006	N001	75.5	-	85.5	0.32			0		
Hexachlorobutadiene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Isopropylbenzene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Methylene chloride	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
n-Butylbenzene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
n-Propylbenzene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Naphthalene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE-MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0301 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/06/2006	N001	75.5	-	85.5	-227.8			0		
p-Isopropyltoluene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
pH	s.u.	12/06/2006	N001	75.5	-	85.5	7.88			0		
sec-Butylbenzene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Specific Conductance	umhos /cm	12/06/2006	N001	75.5	-	85.5	882			0		
Styrene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Temperature	C	12/06/2006	N001	75.5	-	85.5	10.68			0		
tert-Butylbenzene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Tetrachloroethene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Toluene	ug/L	12/06/2006	N001	75.5	-	85.5	0.385	BJ	U	#	1	
Total Xylene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Total Xylenes	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Trichloroethene	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Trichlorofluoromethane	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	
Tritium	pCi/L	12/06/2006	N001	75.5	-	85.5	16.5	U		#	346	199

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0301 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Turbidity	NTU	12/06/2006	N001	75.5	-	85.5	1000	>		0		
Vinyl chloride	ug/L	12/06/2006	N001	75.5	-	85.5	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0311 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,1-Dichloroethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,1-Dichloroethene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,1-Dichloropropene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,2-Dibromoethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,2-Dichloroethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,2-Dichloropropane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0311 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,3-Dichloropropane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/06/2006	N001	21.2	-	30.5	0.213	BJ	U	#	1	
2,2-Dichloropropane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
2-Butanone	ug/L	12/06/2006	N001	21.2	-	30.5	10	U		#	10	
2-Chlorotoluene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
2-Hexanone	ug/L	12/06/2006	N001	21.2	-	30.5	10	U		#	10	
4-Chlorotoluene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/06/2006	N001	21.2	-	30.5	10	U		#	10	
Acetone	ug/L	12/06/2006	N001	21.2	-	30.5	1.23	J		#	10	
Benzene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Bromobenzene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Bromochloromethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Bromodichloromethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Bromoform	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Bromomethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Carbon Disulfide	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0311 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Chlorobenzene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Chlorodibromomethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Chloroethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Chloroform	ug/L	12/06/2006	N001	21.2	-	30.5	0.426	J	U	#	1	
Chloromethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
cis-1,3-Dichloropropene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Dibromomethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Dissolved Oxygen	mg/L	12/06/2006	N001	21.2	-	30.5	1.13			0		
Hexachlorobutadiene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Isopropylbenzene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Methylene chloride	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
n-Butylbenzene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
n-Propylbenzene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Naphthalene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0311 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/06/2006	N001	21.2	-	30.5	-17.2			0		
p-Isopropyltoluene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
pH	s.u.	12/06/2006	N001	21.2	-	30.5	7.03			0		
sec-Butylbenzene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Specific Conductance	umhos /cm	12/06/2006	N001	21.2	-	30.5	1096			0		
Styrene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Temperature	C	12/06/2006	N001	21.2	-	30.5	12.23			0		
tert-Butylbenzene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Tetrachloroethene	ug/L	12/06/2006	N001	21.2	-	30.5	0.256	J		#	1	
Toluene	ug/L	12/06/2006	N001	21.2	-	30.5	0.148	BJ	U	#	1	
Total Xylene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Total Xylenes	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Trichloroethene	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Trichlorofluoromethane	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	
Tritium	pCi/L	12/06/2006	N001	21.2	-	30.5	1680			#	337	265

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0311 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Turbidity	NTU	12/06/2006	N001	21.2	-	30.5	1000	>		0		
Vinyl chloride	ug/L	12/06/2006	N001	21.2	-	30.5	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0333 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,1-Dichloroethane	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,1-Dichloroethene	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,1-Dichloropropene	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,2-Dibromoethane	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,2-Dichloroethane	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,2-Dichloropropane	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/07/2006	N001	65 - 75	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0333 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
1,3-Dichloropropane	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
2,2-Dichloropropane	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
2-Butanone	ug/L	12/07/2006	N001	65	-	75	10	U		#	10	
2-Chlorotoluene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
2-Hexanone	ug/L	12/07/2006	N001	65	-	75	10	U		#	10	
4-Chlorotoluene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/07/2006	N001	65	-	75	10	U		#	10	
Acetone	ug/L	12/07/2006	N001	65	-	75	1.79	J		#	10	
Benzene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Bromobenzene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Bromochloromethane	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Bromodichloromethane	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Bromoform	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Bromomethane	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Carbon Disulfide	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0333 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Chlorobenzene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Chlorodibromomethane	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Chloroethane	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Chloroform	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Chloromethane	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/07/2006	N001	65	-	75	0.254	J		#	1	
cis-1,3-Dichloropropene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Dibromomethane	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Dissolved Oxygen	mg/L	12/07/2006	N001	65	-	75	1.43			0		
Hexachlorobutadiene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Isopropylbenzene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Methylene chloride	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
n-Butylbenzene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
n-Propylbenzene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Naphthalene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0333 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/07/2006	N001	65	-	75	-62			0		
p-Isopropyltoluene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
pH	s.u.	12/07/2006	N001	65	-	75	7.08			0		
sec-Butylbenzene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Specific Conductance	umhos /cm	12/07/2006	N001	65	-	75	791			0		
Styrene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Temperature	C	12/07/2006	N001	65	-	75	8.19			0		
tert-Butylbenzene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Tetrachloroethene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Toluene	ug/L	12/07/2006	N001	65	-	75	0.0767	BJ	U	#	1	
Total Xylene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Total Xylenes	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Trichloroethene	ug/L	12/07/2006	N001	65	-	75	0.284	J		#	1	
Trichlorofluoromethane	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	
Tritium	pCi/L	12/07/2006	N001	65	-	75	224	U		#	337	203

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0333 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Turbidity	NTU	12/07/2006	N001	65	-	75	19.1			0		
Vinyl chloride	ug/L	12/07/2006	N001	65	-	75	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0334 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/07/2006	N001	19	-	29	0.145	J		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
1,1-Dichloroethane	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
1,1-Dichloroethene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
1,1-Dichloropropene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
1,2-Dibromoethane	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
1,2-Dichloroethane	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
1,2-Dichloropropane	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0334 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/07/2006	N001	19 - 29	1	U		#	1	
1,3-Dichloropropane	ug/L	12/07/2006	N001	19 - 29	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/07/2006	N001	19 - 29	1	U		#	1	
2,2-Dichloropropane	ug/L	12/07/2006	N001	19 - 29	1	U		#	1	
2-Butanone	ug/L	12/07/2006	N001	19 - 29	10	U		#	10	
2-Chlorotoluene	ug/L	12/07/2006	N001	19 - 29	1	U		#	1	
2-Hexanone	ug/L	12/07/2006	N001	19 - 29	10	U		#	10	
4-Chlorotoluene	ug/L	12/07/2006	N001	19 - 29	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/07/2006	N001	19 - 29	10	U		#	10	
Acetone	ug/L	12/07/2006	N001	19 - 29	2.79	J		#	10	
Benzene	ug/L	12/07/2006	N001	19 - 29	1	U		#	1	
Bromobenzene	ug/L	12/07/2006	N001	19 - 29	1	U		#	1	
Bromochloromethane	ug/L	12/07/2006	N001	19 - 29	1	U		#	1	
Bromodichloromethane	ug/L	12/07/2006	N001	19 - 29	1	U		#	1	
Bromoform	ug/L	12/07/2006	N001	19 - 29	1	U		#	1	
Bromomethane	ug/L	12/07/2006	N001	19 - 29	1	U		#	1	
Carbon Disulfide	ug/L	12/07/2006	N001	19 - 29	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0334 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Chlorobenzene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Chlorodibromomethane	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Chloroethane	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Chloroform	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Chloromethane	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
cis-1,3-Dichloropropene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Dibromomethane	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Dissolved Oxygen	mg/L	12/07/2006	N001	19	-	29	3.65			0		
Hexachlorobutadiene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Isopropylbenzene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Methylene chloride	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
n-Butylbenzene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
n-Propylbenzene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Naphthalene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0334 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/07/2006	N001	19	-	29	177			0		
p-Isopropyltoluene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
pH	s.u.	12/07/2006	N001	19	-	29	6.85			0		
sec-Butylbenzene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Specific Conductance	umhos /cm	12/07/2006	N001	19	-	29	1259			0		
Styrene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Temperature	C	12/07/2006	N001	19	-	29	8.37			0		
tert-Butylbenzene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Tetrachloroethene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Toluene	ug/L	12/07/2006	N001	19	-	29	0.0837	BJ	U	#	1	
Total Xylene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Total Xylenes	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Trichloroethene	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Trichlorofluoromethane	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	
Tritium	pCi/L	12/07/2006	N001	19	-	29	210	U		#	356	213

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0334 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Turbidity	NTU	12/07/2006	N001	19	-	29	306			0		
Vinyl chloride	ug/L	12/07/2006	N001	19	-	29	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0346 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,1-Dichloroethane	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,1-Dichloroethene	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,1-Dichloropropene	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,2-Dibromoethane	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,2-Dichloroethane	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,2-Dichloropropane	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/05/2006	N001	41 - 46	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0346 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
1,3-Dichloropropane	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/05/2006	N001	41	-	46	0.185	J		#	1	
2,2-Dichloropropane	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
2-Butanone	ug/L	12/05/2006	N001	41	-	46	10	U		#	10	
2-Chlorotoluene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
2-Hexanone	ug/L	12/05/2006	N001	41	-	46	10	U		#	10	
4-Chlorotoluene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/05/2006	N001	41	-	46	10	U		#	10	
Acetone	ug/L	12/05/2006	N001	41	-	46	1.62	J		#	10	
Benzene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Bromobenzene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Bromochloromethane	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Bromodichloromethane	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Bromoform	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Bromomethane	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Carbon Disulfide	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0346 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Chlorobenzene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Chlorodibromomethane	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Chloroethane	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Chloroform	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Chloromethane	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
cis-1,3-Dichloropropene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Dibromomethane	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Dissolved Oxygen	mg/L	12/05/2006	N001	41	-	46	0.23			0		
Hexachlorobutadiene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Isopropylbenzene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Methylene chloride	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
n-Butylbenzene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
n-Propylbenzene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Naphthalene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0346 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/05/2006	N001	41	-	46	-1.8			0		
p-Isopropyltoluene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
pH	s.u.	12/05/2006	N001	41	-	46	6.94			0		
sec-Butylbenzene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Specific Conductance	umhos /cm	12/05/2006	N001	41	-	46	2010			0		
Styrene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Temperature	C	12/05/2006	N001	41	-	46	10.59			0		
tert-Butylbenzene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Tetrachloroethene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Toluene	ug/L	12/05/2006	N001	41	-	46	0.161	BJ	U	#	1	
Total Xylene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Total Xylenes	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Trichloroethene	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Trichlorofluoromethane	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	
Tritium	pCi/L	12/05/2006	N001	41	-	46	4750			#	339	370

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0346 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Turbidity	NTU	12/05/2006	N001	41	-	46	262			0		
Vinyl chloride	ug/L	12/05/2006	N001	41	-	46	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0347 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,1-Dichloroethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,1-Dichloroethene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,1-Dichloropropene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,2-Dibromoethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,2-Dichloroethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,2-Dichloropropane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0347 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,3-Dichloropropane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/05/2006	N001	57	-	67	0.278	J		#	1	
2,2-Dichloropropane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
2-Butanone	ug/L	12/05/2006	N001	57	-	67	10	U		#	10	
2-Chlorotoluene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
2-Hexanone	ug/L	12/05/2006	N001	57	-	67	10	U		#	10	
4-Chlorotoluene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/05/2006	N001	57	-	67	10	U		#	10	
Acetone	ug/L	12/05/2006	N001	57	-	67	1.71	J		#	10	
Benzene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Bromobenzene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Bromochloromethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Bromodichloromethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Bromoform	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Bromomethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Carbon Disulfide	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0347 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/05/2006	N001	57	-	67	4.12			#	1	
Chlorobenzene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Chlorodibromomethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Chloroethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Chloroform	ug/L	12/05/2006	N001	57	-	67	0.379	J	U	#	1	
Chloromethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
cis-1,3-Dichloropropene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Dibromomethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Dissolved Oxygen	mg/L	12/05/2006	N001	57	-	67	2.14			0		
Hexachlorobutadiene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Isopropylbenzene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Methylene chloride	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
n-Butylbenzene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
n-Propylbenzene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Naphthalene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0347 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/05/2006	N001	57	-	67	-37.2			0		
p-Isopropyltoluene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
pH	s.u.	12/05/2006	N001	57	-	67	6.76			0		
sec-Butylbenzene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Specific Conductance	umhos /cm	12/05/2006	N001	57	-	67	1785			0		
Styrene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Temperature	C	12/05/2006	N001	57	-	67	10.39			0		
tert-Butylbenzene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Tetrachloroethene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Toluene	ug/L	12/05/2006	N001	57	-	67	0.179	BJ	U	#	1	
Total Xylene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Total Xylenes	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Trichloroethene	ug/L	12/05/2006	N001	57	-	67	33.2			#	1	
Trichlorofluoromethane	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	
Tritium	pCi/L	12/05/2006	N001	57	-	67	13000			#	352	596

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0347 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Turbidity	NTU	12/05/2006	N001	57	-	67	1000	>		0		
Vinyl chloride	ug/L	12/05/2006	N001	57	-	67	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0379 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,1-Dichloroethane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,1-Dichloroethene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,1-Dichloropropene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,2-Dibromoethane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,2-Dichloroethane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,2-Dichloropropane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0379 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/05/2006	N001	30 - 40	1	U		#	1	
1,3-Dichloropropane	ug/L	12/05/2006	N001	30 - 40	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/05/2006	N001	30 - 40	0.224	J		#	1	
2,2-Dichloropropane	ug/L	12/05/2006	N001	30 - 40	1	U		#	1	
2-Butanone	ug/L	12/05/2006	N001	30 - 40	10	U		#	10	
2-Chlorotoluene	ug/L	12/05/2006	N001	30 - 40	1	U		#	1	
2-Hexanone	ug/L	12/05/2006	N001	30 - 40	10	U		#	10	
4-Chlorotoluene	ug/L	12/05/2006	N001	30 - 40	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/05/2006	N001	30 - 40	10	U		#	10	
Acetone	ug/L	12/05/2006	N001	30 - 40	1.69	J		#	10	
Benzene	ug/L	12/05/2006	N001	30 - 40	1	U		#	1	
Bromobenzene	ug/L	12/05/2006	N001	30 - 40	1	U		#	1	
Bromochloromethane	ug/L	12/05/2006	N001	30 - 40	1	U		#	1	
Bromodichloromethane	ug/L	12/05/2006	N001	30 - 40	1	U		#	1	
Bromoform	ug/L	12/05/2006	N001	30 - 40	1	U		#	1	
Bromomethane	ug/L	12/05/2006	N001	30 - 40	1	U		#	1	
Carbon Disulfide	ug/L	12/05/2006	N001	30 - 40	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0379 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/05/2006	N001	30	-	40	0.587	J		#	1	
Chlorobenzene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Chlorodibromomethane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Chloroethane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Chloroform	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Chloromethane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
cis-1,3-Dichloropropene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Dibromomethane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Dissolved Oxygen	mg/L	12/05/2006	N001	30	-	40	2.42			0		
Hexachlorobutadiene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Isopropylbenzene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Methylene chloride	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
n-Butylbenzene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
n-Propylbenzene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Naphthalene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0379 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/05/2006	N001	30	-	40	17.3			0		
p-Isopropyltoluene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
pH	s.u.	12/05/2006	N001	30	-	40	6.84			0		
sec-Butylbenzene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Specific Conductance	umhos /cm	12/05/2006	N001	30	-	40	1884			0		
Styrene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Temperature	C	12/05/2006	N001	30	-	40	10.34			0		
tert-Butylbenzene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Tetrachloroethene	ug/L	12/05/2006	N001	30	-	40	0.38	J		#	1	
Toluene	ug/L	12/05/2006	N001	30	-	40	0.152	BJ	U	#	1	
Total Xylene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Total Xylenes	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Trichloroethene	ug/L	12/05/2006	N001	30	-	40	2.04			#	1	
Trichlorofluoromethane	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	
Tritium	pCi/L	12/05/2006	N001	30	-	40	3890			#	337	342

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0379 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Turbidity	NTU	12/05/2006	N001	30	-	40	426			0		
Vinyl chloride	ug/L	12/05/2006	N001	30	-	40	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0386 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,1-Dichloroethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,1-Dichloroethene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,1-Dichloropropene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,2-Dibromoethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,2-Dichloroethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,2-Dichloropropane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0386 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,3-Dichloropropane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/06/2006	N001	77	-	87	0.393	J		#	1	
2,2-Dichloropropane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
2-Butanone	ug/L	12/06/2006	N001	77	-	87	10	U		#	10	
2-Chlorotoluene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
2-Hexanone	ug/L	12/06/2006	N001	77	-	87	10	U		#	10	
4-Chlorotoluene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/06/2006	N001	77	-	87	10	U		#	10	
Acetone	ug/L	12/06/2006	N001	77	-	87	1.41	J		#	10	
Benzene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Bromobenzene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Bromochloromethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Bromodichloromethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Bromoform	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Bromomethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Carbon Disulfide	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0386 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Chlorobenzene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Chlorodibromomethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Chloroethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Chloroform	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Chloromethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
cis-1,3-Dichloropropene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Dibromomethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Dissolved Oxygen	mg/L	12/06/2006	N001	77	-	87	2.91			0		
Hexachlorobutadiene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Isopropylbenzene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Methylene chloride	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
n-Butylbenzene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
n-Propylbenzene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Naphthalene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0386 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/06/2006	N001	77	-	87	7.6			0		
p-Isopropyltoluene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
pH	s.u.	12/06/2006	N001	77	-	87	6.69			0		
sec-Butylbenzene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Specific Conductance	umhos /cm	12/06/2006	N001	77	-	87	1209			0		
Styrene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Temperature	C	12/06/2006	N001	77	-	87	10.58			0		
tert-Butylbenzene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Tetrachloroethene	ug/L	12/06/2006	N001	77	-	87	0.154	J		#	1	
Toluene	ug/L	12/06/2006	N001	77	-	87	0.221	BJ	U	#	1	
Total Xylene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Total Xylenes	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Trichloroethene	ug/L	12/06/2006	N001	77	-	87	4.2			#	1	
Trichlorofluoromethane	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	
Turbidity	NTU	12/06/2006	N001	77	-	87	591			0		

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0386 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Vinyl chloride	ug/L	12/06/2006	N001	77	-	87	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0387 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,1-Dichloroethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,1-Dichloroethene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,1-Dichloropropene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,2-Dibromoethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,2-Dichloroethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,2-Dichloropropane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0387 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,3-Dichloropropane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/06/2006	N001	77	-	82	0.448	J		#	1	
2,2-Dichloropropane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
2-Butanone	ug/L	12/06/2006	N001	77	-	82	10	U		#	10	
2-Chlorotoluene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
2-Hexanone	ug/L	12/06/2006	N001	77	-	82	10	U		#	10	
4-Chlorotoluene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/06/2006	N001	77	-	82	10	U		#	10	
Acetone	ug/L	12/06/2006	N001	77	-	82	1.17	J		#	10	
Benzene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Bromobenzene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Bromochloromethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Bromodichloromethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Bromoform	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Bromomethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Carbon Disulfide	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0387 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Chlorobenzene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Chlorodibromomethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Chloroethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Chloroform	ug/L	12/06/2006	N001	77	-	82	0.241	J	U	#	1	
Chloromethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
cis-1,3-Dichloropropene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Dibromomethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Dissolved Oxygen	mg/L	12/06/2006	N001	77	-	82	0.36			0		
Hexachlorobutadiene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Isopropylbenzene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Methylene chloride	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
n-Butylbenzene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
n-Propylbenzene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Naphthalene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0387 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/06/2006	N001	77	-	82	6.2			0		
p-Isopropyltoluene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
pH	s.u.	12/06/2006	N001	77	-	82	6.73			0		
sec-Butylbenzene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Specific Conductance	umhos /cm	12/06/2006	N001	77	-	82	14.87			0		
Styrene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Temperature	C	12/06/2006	N001	77	-	82	9.15			0		
tert-Butylbenzene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Tetrachloroethene	ug/L	12/06/2006	N001	77	-	82	0.115	J		#	1	
Toluene	ug/L	12/06/2006	N001	77	-	82	0.231	BJ	U	#	1	
Total Xylene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Total Xylenes	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Trichloroethene	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Trichlorofluoromethane	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	
Turbidity	NTU	12/06/2006	N001	77	-	82	492			0		

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0387 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Vinyl chloride	ug/L	12/06/2006	N001	77	-	82	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0389 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,1-Dichloroethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,1-Dichloroethene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,1-Dichloropropene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,2-Dibromoethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,2-Dichloroethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,2-Dichloropropane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0389 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,3-Dichloropropane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/06/2006	N001	42	-	52	0.182	J		#	1	
2,2-Dichloropropane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
2-Butanone	ug/L	12/06/2006	N001	42	-	52	10	U		#	10	
2-Chlorotoluene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
2-Hexanone	ug/L	12/06/2006	N001	42	-	52	10	U		#	10	
4-Chlorotoluene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/06/2006	N001	42	-	52	10	U		#	10	
Acetone	ug/L	12/06/2006	N001	42	-	52	1.77	J		#	10	
Benzene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Bromobenzene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Bromochloromethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Bromodichloromethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Bromoform	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Bromomethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Carbon Disulfide	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0389 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Chlorobenzene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Chlorodibromomethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Chloroethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Chloroform	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Chloromethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
cis-1,3-Dichloropropene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Dibromomethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Dissolved Oxygen	mg/L	12/06/2006	N001	42	-	52	2.58			0		
Hexachlorobutadiene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Isopropylbenzene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Methylene chloride	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
n-Butylbenzene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
n-Propylbenzene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Naphthalene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0389 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/06/2006	N001	42	-	52	22.4			0		
p-Isopropyltoluene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
pH	s.u.	12/06/2006	N001	42	-	52	6.67			0		
sec-Butylbenzene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Specific Conductance	umhos /cm	12/06/2006	N001	42	-	52	1205			0		
Styrene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Temperature	C	12/06/2006	N001	42	-	52	11.76			0		
tert-Butylbenzene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Tetrachloroethene	ug/L	12/06/2006	N001	42	-	52	0.631	J		#	1	
Toluene	ug/L	12/06/2006	N001	42	-	52	0.144	BJ	U	#	1	
Total Xylene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Total Xylenes	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Trichloroethene	ug/L	12/06/2006	N001	42	-	52	1.01			#	1	
Trichlorofluoromethane	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	
Turbidity	NTU	12/06/2006	N001	42	-	52	1000	>		0		

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0389 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Vinyl chloride	ug/L	12/06/2006	N001	42	-	52	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0392 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,1-Dichloroethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,1-Dichloroethene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,1-Dichloropropene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,2-Dibromoethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,2-Dichloroethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,2-Dichloropropane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0392 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,3-Dichloropropane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/06/2006	N001	40	-	45	0.166	J		#	1	
2,2-Dichloropropane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
2-Butanone	ug/L	12/06/2006	N001	40	-	45	10	U		#	10	
2-Chlorotoluene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
2-Hexanone	ug/L	12/06/2006	N001	40	-	45	10	U		#	10	
4-Chlorotoluene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/06/2006	N001	40	-	45	10	U		#	10	
Acetone	ug/L	12/06/2006	N001	40	-	45	0.822	J		#	10	
Benzene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Bromobenzene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Bromochloromethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Bromodichloromethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Bromoform	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Bromomethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Carbon Disulfide	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0392 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Chlorobenzene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Chlorodibromomethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Chloroethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Chloroform	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Chloromethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
cis-1,3-Dichloropropene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Dibromomethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Dissolved Oxygen	mg/L	12/06/2006	N001	40	-	45	2.61			0		
Hexachlorobutadiene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Isopropylbenzene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Methylene chloride	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
n-Butylbenzene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
n-Propylbenzene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Naphthalene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
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Location: 0392 WELL Mound Operable Unit 9

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/06/2006	N001	40	-	45	-53.9			0		
p-Isopropyltoluene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
pH	s.u.	12/06/2006	N001	40	-	45	6.67			0		
sec-Butylbenzene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Specific Conductance	umhos /cm	12/06/2006	N001	40	-	45	1312			0		
Styrene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Temperature	C	12/06/2006	N001	40	-	45	12.26			0		
tert-Butylbenzene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Tetrachloroethene	ug/L	12/06/2006	N001	40	-	45	0.43	J		#	1	
Toluene	ug/L	12/06/2006	N001	40	-	45	0.0861	BJ	U	#	1	
Total Xylene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Total Xylenes	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Trichloroethene	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Trichlorofluoromethane	ug/L	12/06/2006	N001	40	-	45	1	U		#	1	
Turbidity	NTU	12/06/2006	N001	40	-	45	54.7			0		

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Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Vinyl chloride	ug/L	12/06/2006	N001	40 - 45	1	U		#	1	

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Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,1,2-Tetrachloroethane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,1-Dichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1-Dichloroethane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,1-Dichloroethene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1-Dichloroethene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,1-Dichloropropene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1-Dichloropropene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
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Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,2,3-Trichloropropane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,2-Dibromoethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dibromoethane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,2-Dichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dichloroethane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,2-Dichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dichloropropane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
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Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,3-Dichlorobenzene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,3-Dichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,3-Dichloropropane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
2,2-Dichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
2,2-Dichloropropane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
2-Butanone	ug/L	12/05/2006	N001	0	-	0	10	U		#	10	
2-Butanone	ug/L	12/05/2006	N002	0	-	0	10	U		#	10	
2-Chlorotoluene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
2-Chlorotoluene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
2-Hexanone	ug/L	12/05/2006	N001	0	-	0	10	U		#	10	
2-Hexanone	ug/L	12/05/2006	N002	0	-	0	10	U		#	10	
4-Chlorotoluene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
4-Chlorotoluene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/05/2006	N001	0	-	0	10	U		#	10	

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Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
4-Methyl-2-Pentanone	ug/L	12/05/2006	N002	0	-	0	10	U		#	10	
Acetone	ug/L	12/05/2006	N001	0	-	0	10	U		#	10	
Acetone	ug/L	12/05/2006	N002	0	-	0	1.08	J		#	10	
Benzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Benzene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
Bromobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromobenzene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
Bromochloromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromochloromethane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
Bromodichloromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromodichloromethane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
Bromoform	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromoform	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
Bromomethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromomethane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
Carbon Disulfide	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Carbon Disulfide	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	

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Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Carbon tetrachloride	ug/L	12/05/2006	N002	0 - 0	1	U		#	1	
Chlorobenzene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Chlorobenzene	ug/L	12/05/2006	N002	0 - 0	1	U		#	1	
Chlorodibromomethane	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Chlorodibromomethane	ug/L	12/05/2006	N002	0 - 0	1	U		#	1	
Chloroethane	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Chloroethane	ug/L	12/05/2006	N002	0 - 0	1	U		#	1	
Chloroform	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Chloroform	ug/L	12/05/2006	N002	0 - 0	1	U		#	1	
Chloromethane	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Chloromethane	ug/L	12/05/2006	N002	0 - 0	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/05/2006	N001	0 - 0	1.2			#	1	
cis-1,2-Dichloroethene	ug/L	12/05/2006	N002	0 - 0	1.38			#	1	
cis-1,3-Dichloropropene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
cis-1,3-Dichloropropene	ug/L	12/05/2006	N002	0 - 0	1	U		#	1	
Dibromomethane	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	

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Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Dibromomethane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
Dissolved Oxygen	mg/L	12/05/2006	N001	0	-	0	3.37			0		
Hexachlorobutadiene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Hexachlorobutadiene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
Isopropylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Isopropylbenzene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
Methylene chloride	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Methylene chloride	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
n-Butylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
n-Butylbenzene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
n-Propylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
n-Propylbenzene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
Naphthalene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Naphthalene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
Oxidation Reduction Potential	mV	12/05/2006	N001	0	-	0	82.1			0		

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Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
p-Isopropyltoluene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
p-Isopropyltoluene	ug/L	12/05/2006	N002	0 - 0	1	U		#	1	
pH	s.u.	12/05/2006	N001	0 - 0	6.9			0		
Radium-226	pCi/L	12/05/2006	N001	0 - 0	0.132	U		#	.356	.203
Radium-226	pCi/L	12/05/2006	N002	0 - 0	0.526		J	#	.37	.281
Radium-228	pCi/L	12/05/2006	N001	0 - 0	0.433	U		#	.771	.464
Radium-228	pCi/L	12/05/2006	N002	0 - 0	-.165	U		#	.799	.385
sec-Butylbenzene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
sec-Butylbenzene	ug/L	12/05/2006	N002	0 - 0	1	U		#	1	
Specific Conductance	umhos /cm	12/05/2006	N001	0 - 0	1703			0		
Strontium-90	pCi/L	12/05/2006	N001	0 - 0	2.88			#	.722	.708
Strontium-90	pCi/L	12/05/2006	N002	0 - 0	2.57			#	.756	.67
Styrene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Styrene	ug/L	12/05/2006	N002	0 - 0	1	U		#	1	
Temperature	C	12/05/2006	N001	0 - 0	11.56			0		
tert-Butylbenzene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
tert-Butylbenzene	ug/L	12/05/2006	N002	0 - 0	1	U		#	1	

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Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Tetrachloroethene	ug/L	12/05/2006	N001	0	-	0	15.6			#	1	
Tetrachloroethene	ug/L	12/05/2006	N002	0	-	0	16.9			#	1	
Toluene	ug/L	12/05/2006	N001	0	-	0	0.0694	BJ	U	#	1	
Toluene	ug/L	12/05/2006	N002	0	-	0	0.0602	BJ	U	#	1	
Total Xylene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Total Xylene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
Total Xylenes	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Total Xylenes	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
Trichloroethene	ug/L	12/05/2006	N001	0	-	0	6.18			#	1	
Trichloroethene	ug/L	12/05/2006	N002	0	-	0	6.77			#	1	
Trichlorofluoromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Trichlorofluoromethane	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	
Tritium	pCi/L	12/05/2006	N001	0	-	0	123000			#	461	3210

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Tritium	pCi/L	12/05/2006	N002	0	-	0	123000			#	458	3220
Turbidity	NTU	12/05/2006	N001	0	-	0	8.21			0		
Vinyl chloride	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Vinyl chloride	ug/L	12/05/2006	N002	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1-Dichloroethane	ug/L	12/05/2006	N001	0	-	0	0.329	J		#	1	
1,1-Dichloroethene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1-Dichloropropene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dibromoethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,3-Dichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
2,2-Dichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
2-Butanone	ug/L	12/05/2006	N001	0	-	0	10	U		#	10	
2-Chlorotoluene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
2-Hexanone	ug/L	12/05/2006	N001	0	-	0	10	U		#	10	
4-Chlorotoluene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/05/2006	N001	0	-	0	10	U		#	10	
Acetone	ug/L	12/05/2006	N001	0	-	0	1.96	J		#	10	
Benzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromochloromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromodichloromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromoform	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromomethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Carbon Disulfide	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Chlorobenzene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Chlorodibromomethane	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Chloroethane	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Chloroform	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Chloromethane	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/05/2006	N001	0 - 0	17.8			#	1	
cis-1,3-Dichloropropene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Dibromomethane	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Dissolved Oxygen	mg/L	12/05/2006	N001	0 - 0	7.69			0		
Hexachlorobutadiene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Isopropylbenzene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Methylene chloride	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
n-Butylbenzene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
n-Propylbenzene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Naphthalene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/05/2006	N001	0 - 0	88.6			0		
p-Isopropyltoluene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
pH	s.u.	12/05/2006	N001	0 - 0	7.01			0		
sec-Butylbenzene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Specific Conductance	umhos /cm	12/05/2006	N001	0 - 0	1798			0		
Styrene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Temperature	C	12/05/2006	N001	0 - 0	3.8			0		
tert-Butylbenzene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Tetrachloroethene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Toluene	ug/L	12/05/2006	N001	0 - 0	0.0611	BJ	U	#	1	
Total Xylene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Total Xylenes	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/05/2006	N001	0 - 0	0.252	J		#	1	
trans-1,3-dichloropropene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Trichloroethene	ug/L	12/05/2006	N001	0 - 0	25.6			#	1	
Trichlorofluoromethane	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Tritium	pCi/L	12/05/2006	N001	0 - 0	48900			#	349	1310

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Turbidity	NTU	12/05/2006	N001	0	-	0	17.9			0		
Vinyl chloride	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1-Dichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1-Dichloroethene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1-Dichloropropene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dibromoethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,3-Dichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
2,2-Dichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
2-Butanone	ug/L	12/05/2006	N001	0	-	0	10	U		#	10	
2-Chlorotoluene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
2-Hexanone	ug/L	12/05/2006	N001	0	-	0	10	U		#	10	
4-Chlorotoluene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/05/2006	N001	0	-	0	10	U		#	10	
Acetone	ug/L	12/05/2006	N001	0	-	0	2.09	J		#	10	
Benzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromochloromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromodichloromethane	ug/L	12/05/2006	N001	0	-	0	0.205	J		#	1	
Bromoform	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromomethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Carbon Disulfide	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Chlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Chlorodibromomethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Chloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Chloroform	ug/L	12/05/2006	N001	0	-	0	0.254	J	U	#	1	
Chloromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/05/2006	N001	0	-	0	9.91			#	1	
cis-1,3-Dichloropropene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Dibromomethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Dissolved Oxygen	mg/L	12/05/2006	N001	0	-	0	7.52			0		
Hexachlorobutadiene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Isopropylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Methylene chloride	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
n-Butylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
n-Propylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Naphthalene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/05/2006	N001	0	-	0	89.2			0		
p-Isopropyltoluene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
pH	s.u.	12/05/2006	N001	0	-	0	7.05			0		
sec-Butylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Specific Conductance	umhos /cm	12/05/2006	N001	0	-	0	1704			0		
Styrene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Temperature	C	12/05/2006	N001	0	-	0	7.81			0		
tert-Butylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Tetrachloroethene	ug/L	12/05/2006	N001	0	-	0	0.118	J		#	1	
Toluene	ug/L	12/05/2006	N001	0	-	0	0.0796	BJ	U	#	1	
Total Xylene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Total Xylenes	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/05/2006	N001	0	-	0	0.348	J		#	1	
trans-1,3-dichloropropene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Trichloroethene	ug/L	12/05/2006	N001	0	-	0	9.61			#	1	
Trichlorofluoromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Tritium	pCi/L	12/05/2006	N001	0	-	0	36200			#	336	1060

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Turbidity	NTU	12/05/2006	N001	0	-	0	107			0		
Vinyl chloride	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1-Dichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1-Dichloroethene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1-Dichloropropene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dibromoethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,3-Dichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
2,2-Dichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
2-Butanone	ug/L	12/05/2006	N001	0	-	0	10	U		#	10	
2-Chlorotoluene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
2-Hexanone	ug/L	12/05/2006	N001	0	-	0	10	U		#	10	
4-Chlorotoluene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/05/2006	N001	0	-	0	10	U		#	10	
Acetone	ug/L	12/05/2006	N001	0	-	0	1.22	J		#	10	
Benzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromochloromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromodichloromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromoform	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Bromomethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Carbon Disulfide	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Chlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Chlorodibromomethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Chloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Chloroform	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Chloromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/05/2006	N001	0	-	0	1.16			#	1	
cis-1,3-Dichloropropene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Dibromomethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Dissolved Oxygen	mg/L	12/05/2006	N001	0	-	0	4.33			0		
Hexachlorobutadiene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Isopropylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Methylene chloride	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
n-Butylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
n-Propylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Naphthalene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/05/2006	N001	0	-	0	209			0		
p-Isopropyltoluene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
pH	s.u.	12/05/2006	N001	0	-	0	7.01			0		
sec-Butylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Specific Conductance	umhos /cm	12/05/2006	N001	0	-	0	1928			0		
Styrene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Temperature	C	12/05/2006	N001	0	-	0	11.93			0		
tert-Butylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Tetrachloroethene	ug/L	12/05/2006	N001	0	-	0	0.286	J		#	1	
Toluene	ug/L	12/05/2006	N001	0	-	0	0.0631	BJ	U	#	1	
Total Xylene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Total Xylenes	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Trichloroethene	ug/L	12/05/2006	N001	0	-	0	5.12			#	1	
Trichlorofluoromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Tritium	pCi/L	12/05/2006	N001	0	-	0	16000			#	346	658

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Turbidity	NTU	12/05/2006	N001	0	-	0	16.8			0		
Vinyl chloride	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,1-Trichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,2,2-Tetrachloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1,2-Trichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1-Dichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1-Dichloroethene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,1-Dichloropropene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,3-Trichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,3-Trichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,4-Trichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2,4-Trimethylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dibromo-3-chloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dibromoethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dichlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dichloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,2-Dichloropropane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
1,3,5-Trimethylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
1,3-Dichloropropane	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
1,4-Dichlorobenzene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
2,2-Dichloropropane	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
2-Butanone	ug/L	12/05/2006	N001	0 - 0	10	U		#	10	
2-Chlorotoluene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
2-Hexanone	ug/L	12/05/2006	N001	0 - 0	10	U		#	10	
4-Chlorotoluene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
4-Methyl-2-Pentanone	ug/L	12/05/2006	N001	0 - 0	10	U		#	10	
Acetone	ug/L	12/05/2006	N001	0 - 0	1.33	J		#	10	
Benzene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Bromobenzene	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Bromochloromethane	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Bromodichloromethane	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Bromoform	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Bromomethane	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	
Carbon Disulfide	ug/L	12/05/2006	N001	0 - 0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon tetrachloride	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Chlorobenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Chlorodibromomethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Chloroethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Chloroform	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Chloromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
cis-1,2-Dichloroethene	ug/L	12/05/2006	N001	0	-	0	0.113	J		#	1	
cis-1,3-Dichloropropene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Dibromomethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Dichlorodifluoromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Dissolved Oxygen	mg/L	12/05/2006	N001	0	-	0	10.74			0		
Hexachlorobutadiene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Isopropylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Methylene chloride	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
n-Butylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
n-Propylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Naphthalene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Oxidation Reduction Potential	mV	12/05/2006	N001	0	-	0	66.3			0		
p-Isopropyltoluene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
pH	s.u.	12/05/2006	N001	0	-	0	7.21			0		
sec-Butylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Specific Conductance	umhos /cm	12/05/2006	N001	0	-	0	2270			0		
Styrene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Temperature	C	12/05/2006	N001	0	-	0	2.71			0		
tert-Butylbenzene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Tetrachloroethene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Toluene	ug/L	12/05/2006	N001	0	-	0	0.0752	BJ	U	#	1	
Total Xylene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Total Xylenes	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
trans-1,2-Dichloroethene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
trans-1,3-dichloropropene	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Trichloroethene	ug/L	12/05/2006	N001	0	-	0	0.971	J		#	1	
Trichlorofluoromethane	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	
Tritium	pCi/L	12/05/2006	N001	0	-	0	41700			#	336	1160

General Water Quality Data by Location (USEE105) FOR SITE MND01, Mound Site
REPORT DATE: 8/13/2007
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Turbidity	NTU	12/05/2006	N001	0	-	0	111			0		
Vinyl chloride	ug/L	12/05/2006	N001	0	-	0	1	U		#	1	

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

*	Replicate analysis not within control limits.
>	Result above upper detection limit.
A	TIC is a suspected aldol-condensation product.
B	Inorganic: Result is between the IDL and CRDL. Organic: 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
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.
U	Analytical result below detection limit.
W	Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
X,Y,Z	Laboratory defined 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.	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.

End of current text