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Mound Site

Parcel 6, 7, and 8 Groundwater Monitoring Report Calendar Year 2007

March 2008

U.S. Department of Energy

Office of Legacy Management

Work Performed Under DOE Contract No. DE–AM01–07LM00060 for the U.S. Department of Energy Office of Legacy Management.

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Work Performed by S.M. Stoller Corporation under DOE Contract No. DE–AM01–07LM00060
for the U.S. Department of Energy Office of Legacy Management, Grand Junction, Colorado

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Acronyms and Abbreviations

BVA	Buried Valley Aquifer
DCE	dichloroethylene
DOE	U.S. Department of Energy
EPA	Environmental Protection Agency
MCL	maximum contaminant levels
MDL	method detection limit
µg/L	micrograms per liter
MNA	monitored natural attenuation
nCi/L	nanocuries per liter
PCE	tetrachloroethylene
pCi/L	picocuries per liter
Ra	radium
Sr	strontium
TCE	trichloroethylene
VOC	volatile organic compound

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 contaminant levels (MCLs) established under the Safe Drinking Water Act. Monitored natural attenuation (MNA) is being proposed as the remedy for the VOCs in the groundwater associated with the Main Hill (DOE 2007a). 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 have elevated levels of tritium and VOCs. One seep also has elevated 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 during 2007. This report is the second submittal of an annual report documenting the groundwater quality in the Parcel 6, 7, and 8 area. 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), unless noted.

The report includes data collected during the four quarterly groundwater sampling events performed during 2007. Data are presented in both time series plots and map view plots (contained in Appendix A). Trend analysis was performed on selected wells using the non-parametric Mann-Kendall test. This type of long-term trend analysis can be used to confirm downward trends in contaminant concentrations over time. The time series plots will also be used to evaluate changes in data over time.

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.

1.2 Summary of 2006 Report

The conclusions from the 2006 Annual Report (DOE 2007b) were:

- VOC data collected demonstrated that TCE impact is associated with wells 0315 and 0347, where concentrations exceeded the MCL of 5 micrograms per liter (µg/L). TCE impact extended to two wells immediately downgradient of this area that are screened in the BVA. TCE remained undetected in the remainder of the downgradient BVA wells. TCE in wells 0315 and 0347 has fluctuated over time, and a substantial increase was identified in the last quarter of 2006 in well 0347. The TCE increases are likely the result of remedial actions that were performed on the Main Hill. The concentrations in the two BVA wells 0386 and 0389 decreased below the MCL starting in 2000.
- VOC impact is associated with the Main Hill seeps, and TCE concentrations at some locations continued to exceed the MCL during 2006; however, no locations had TCE concentrations that exceeded the trigger level of 150 µg/L (established for seep 0605). The highest concentrations in 2006 were in seep 0602, which is located on site. Historical data indicate that TCE concentrations in the seeps increased during the remediation of contaminated buildings (namely the R and SW buildings) and soils on the Main Hill. TCE concentrations generally showed a decrease during 2006. Monitoring results indicated low concentrations of TCE in wells located downgradient of the seeps.
- Tetrachloroethylene (PCE) concentrations continued to exceed the MCL of 5 µg/L at seep 0601; however, this location did not exceed the trigger level of 75 µg/L. The PCE concentrations in seep 0601 were lower during 2006 than those observed in previous years, namely 2004 and 2005. The increases during that 2-year period resulted from remediation of buildings and soil on the Main Hill.
- Tritium levels in the Main Hill seeps from 2006 were elevated and were higher than the levels in the downgradient groundwater wells. The highest tritium activity was observed in seep 0601, which is located on site. None of the seep locations exceeded the trigger level of 1,500 nanocuries per liter (nCi/L). Tritium level s in all of the seeps exceeded the MCL of 20 nCi/L at some time during 2006. Tritium levels in the wells downgradient of the Main Hill area also continued to be elevated during 2006. The highest level was observed in well 0347, which is located downgradient of seeps 0601 and 0602. None of the groundwater wells had tritium levels that exceeded the MCL of 20 nCi/L. The tritium activity in downgradient wells increased during 2006, while an increase in the seeps was observed during 2004. This delayed increase is likely due to slower groundwater movement from the Main Hill area into the tributary valley. The seeps react more quickly, as they are direct discharge points for groundwater.
- Ra-226, Ra-228, and Sr-90 continued to be present in seep 0601. The activities observed at this location did not exceed the trigger level of 20 picocuries per liter (pCi/L) for either Sr-90 or combined Ra-226/228. Levels over time have decreased since sampling for these isotopes resumed in 2005.

2.0 Monitoring Program

Groundwater in the Parcel 6, 7, and 8 area 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 have elevated concentrations of 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 have elevated concentrations of 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) (DOE 2006a) and summarized in the following sections.

2.1 Well 0315/0347 Monitoring

The two source wells and other selected downgradient BVA wells are monitored for VOCs—namely, 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	VOC
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		

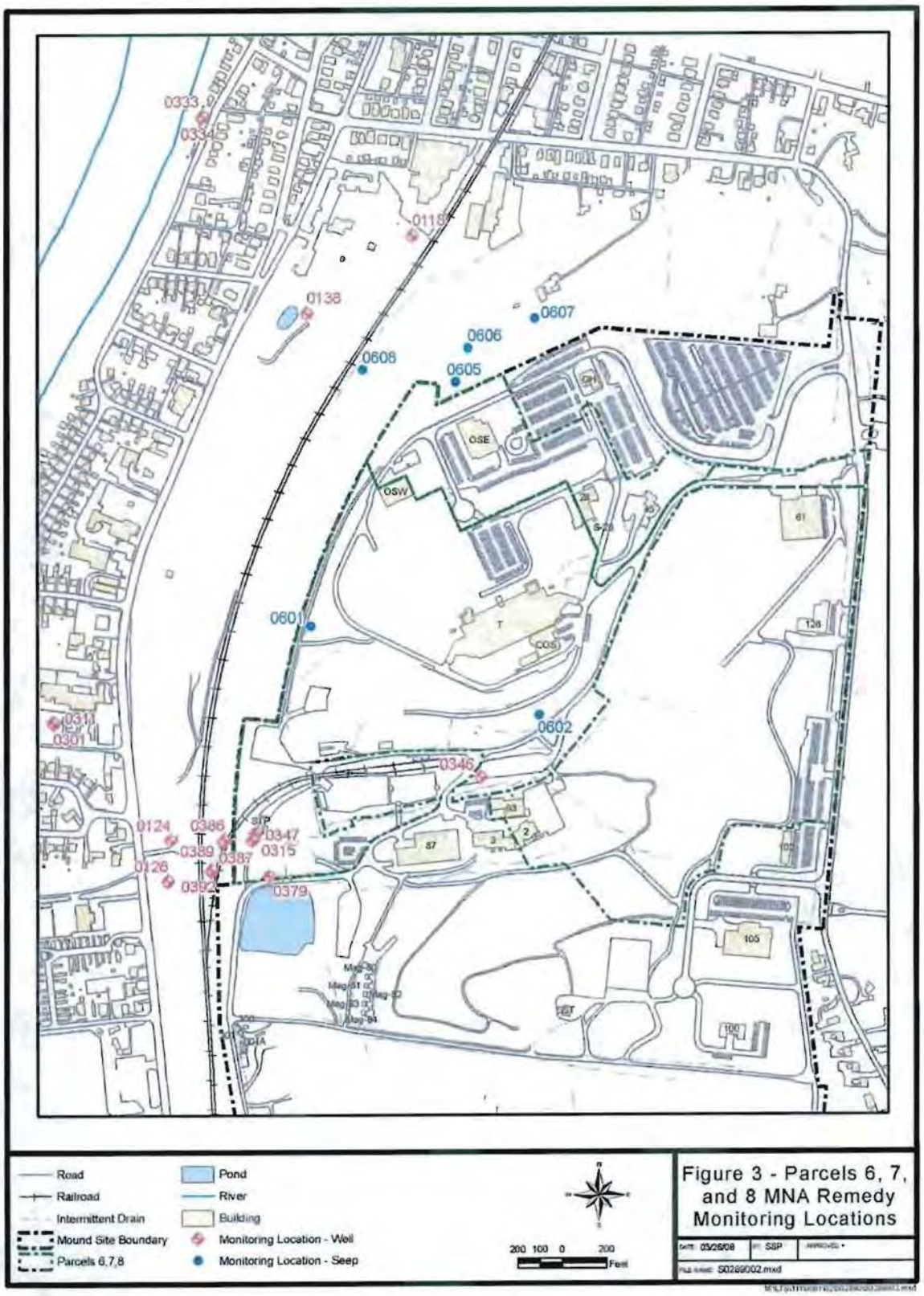

Figure 1. Parcel 6, 7, and 8 Groundwater and Seep Monitoring Locations

2.2 Main Hill Seep Monitoring

Water from seeps 0601, 0602, 0605, 0606, 0607, and 0608 is collected and analyzed for VOC and radiological constituents 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.

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* (Final) (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				

2.4 Deviations from the Sampling Plan

The analytical method (8260B) used during 2007 resulted in a higher method detection limit (MDL) (5 µg/L) than had previously been used in the Parcel 6, 7, and 8 area. Previous samples had been analyzed using method 8021B or 8260B with a lower specified detection limit. This has resulted in non-detect data points appearing to be higher than typical when graphed or used in calculations. Values measured between the instrument detection limit and MDL are reported as estimated values and given a "J" qualifier, meaning that the compound was detected, but the laboratory is not as confident in determining the low-level concentration. These J-flagged data are reported and used in the database and reports. The data where no detectable concentrations were reported are consistent with previous data. Estimated data are also consistent with previous data. The use of higher detection limits will be rectified in 2008, and the lower detection limit of 1 µg/L will be used.

3.0 Well 0315 and 0347 Area

3.1 Monitoring Results

Monitoring results for 2007 (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 immediately downgradient of the source wells, and in the past, they have had concentrations greater than the MCL. An estimated detect of TCE was reported in well 0126 during the fourth quarter. No detectable concentrations of TCE were measured in the remainder of the wells. All TCE concentrations were below applicable trigger levels. Low levels of PCE (less than the MCL) were detected in wells 0126, 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	VOC	Q1	Q2	Q3	Q4
0124	BVA	TCE (µg/L)	< 5	< 5	< 5	< 5
		PCE (µg/L)	< 5	< 5	< 5	< 5
0126	BVA	TCE (µg/L)	< 5	< 5	< 5	0.98 (J)
		PCE (µg/L)	1.07 (J)	1.02 (J)	1.18 (J)	0.98 (J)
0315	Source Area	TCE (µg/L)	11.6	13.2	12.2	16.8
		PCE (µg/L)	< 5	< 5	< 5	< 5
0347	Source Area	TCE (µg/L)	19.0	12.0	26.2	0.43 (J)
		PCE (µg/L)	< 5	< 5	< 5	< 5
0386	BVA	TCE (µg/L)	3.76 (J)	1.49 (J)	3.96 (J)	0.34 (J)
		PCE (µg/L)	< 5	< 5	< 5	< 5
0387	BVA	TCE (µg/L)	< 5	< 5	< 5	< 5
		PCE (µg/L)	< 5	< 5	< 5	< 5
0389	BVA	TCE (µg/L)	1.14 (J)	0.88 (J)	1.22 (J)	1.28 (J)
		PCE (µg/L)	0.61 (J)	0.38 (J)	0.59 (J)	0.48 (J)
0392	BVA	TCE (µg/L)	< 5	< 5	< 5	< 5
		PCE (µg/L)	0.27 (J)	0.31 (J)	0.40 (J)	0.33 (J)

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 concentrations in wells 0315 and 0347 fluctuate over time, and a substantial increase was identified in the last quarter of 2006 in well 0347 (Figure 2); however, concentrations decreased to levels within the historical range in 2007. The change in TCE concentrations is likely the result of remedial actions that were performed on the Main Hill. Starting in 2000, the concentrations in the two BVA wells (0386 and 0389) decreased below the MCL.

A substantial decrease in VOC concentrations in well 0347 occurred in the fourth quarter. Review of sampling field sheets and precipitation data do not provide any insight as to the cause of this decrease. Subsequent data will continue to be evaluated.

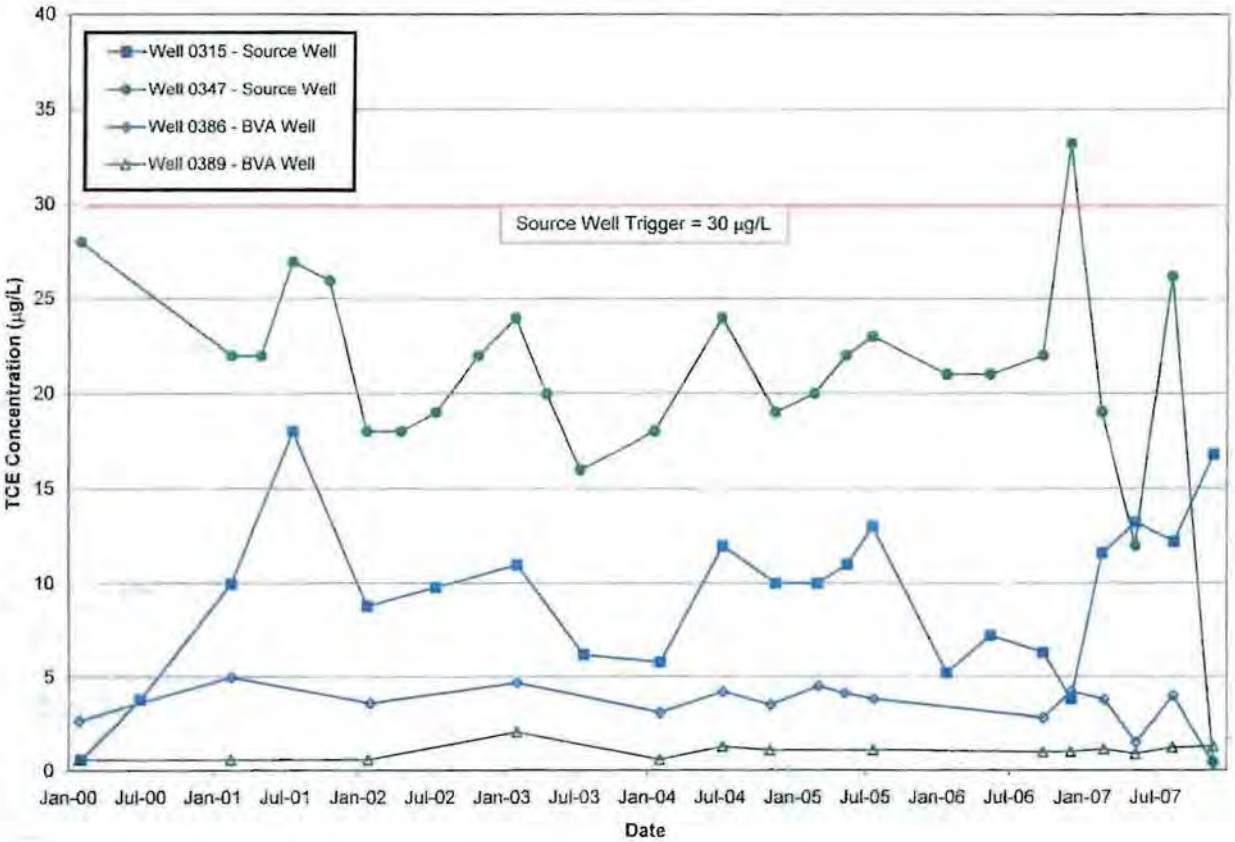

Figure 2. TCE Concentrations over Time in Well 0315/0347 Area—2000 through 2007

The distribution of TCE in groundwater (Figure A–1 in Appendix A) indicates that the greatest impact is still associated with wells 0315 and 0347. TCE concentrations in these wells continues to exceed the MCL. The two BVA wells immediately downgradient of this area have TCE concentrations below the MCL with slight impact extending downgradient. Figure A–1 in Appendix A depicts the 2007 annual averages of TCE in the monitoring network.

3.2 Trend Analysis

Trend analysis was performed on TCE data using the non-parametric Mann-Kendall test. This test is used for temporal trend identification because it does not require the data to conform to a particular distribution (such as a normal or log-normal distribution). This type of long-term trend analysis can be used to confirm downward trends in contaminant concentrations over time.

Trend analysis was performed using TCE data collected since 2000. No trends (upward or downward) were identified in wells 0315, 0347, 0386, or 0389.

3.3 Recommendations

No changes to the monitoring program are warranted at this time.

4.0 Main Hill Seeps

4.1 Volatile Organic Compounds Results

Although TCE concentrations in some of the Main Hill seeps continued to exceed the MCL of 5 µg/L during 2007 (Table 5), no locations exceeded the trigger level of 150 µg/L (established for seep 0605). The highest concentrations in 2007 were in seep 0602, which is located on site. PCE concentrations continued to exceed the MCL of 5 µg/L at seep 0601; however, PCE concentrations at this location did not exceed the trigger level of 75 µg/L. Detectable concentrations of *cis*-1,2-DCE are also observed in all of the seeps except seep 0608. Estimated detections of *trans*-1,2-DCE (less than 1 µg/L) were reported in seep 0605. No detectable concentrations of vinyl chloride were reported.

Monitoring results (Table 5) show low concentrations of TCE and PCE in wells 0311, 0333, and 0379 located downgradient of the Main Hill seeps. Elevated levels of TCE are reported in well 0347 (discussed in Section 3). No trigger levels have been set for these locations, but none of the concentrations exceeded the MCL of 5 µg/L for TCE or PCE. No detectable concentrations of DCE or vinyl chloride were observed in the downgradient wells.

A graph of TCE concentrations in the seeps since 2005 (Figure 3) shows that concentrations in seeps 0601 and 0602 have increased since the end of the remediation of contaminated buildings and soil on the Main Hill. Concentrations have generally shown a decrease in seep 0605.

PCE concentrations (Figure 4) are higher than the TCE concentrations in seep 0601. The concentrations in 2007 were lower than those observed in previous years, but have not decreased to pre-remediation levels. The increases during that 2-year period might be the result of the remediation of buildings and soil on the Main Hill. PCE was also detected at low levels in seep 0607.

The distribution of TCE in groundwater (Figure A–2 in Appendix A) in the Main Hill area indicates that the highest area of impact is associated with the seeps, particularly seep 0602. 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.

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

Location	Area	Volatile Organic Compound Concentrations				
		VOC	Q1	Q2	Q3	Q4
Seeps						
0601	On site	TCE (µg/L)	5.08	6.32	6.84	5.25
		PCE (µg/L)	10.6	12.2	29.4	18
		cis-1,2-DCE (µg/L)	1.50 (J)	0.89 (J)	0.70 (J)	0.75 (J)
		trans-1,2-DCE (µg/L)	< 5	< 5	< 5	< 5
0602	On site	TCE (µg/L)	26.3	27.6	Dry	26.8
		PCE (µg/L)	< 5	< 5		< 5
		cis-1,2-DCE (µg/L)	23.9	19.7		18.2
		trans-1,2-DCE (µg/L)	< 5	< 5		< 5
0605	Off site	TCE (µg/L)	15.6	24.7	12.7	10.4
		PCE (µg/L)	< 5	< 5	< 5	< 5
		cis-1,2-DCE (µg/L)	20.4	32.2	31.7	9.54
		trans-1,2-DCE (µg/L)	0.36 (J)	0.46 (J)	0.68 (J)	0.37 (J)
0607	Off site	TCE (µg/L)	3.67 (J)	13.0	11.4	6.38
		PCE (µg/L)	< 5	0.25 (J)	< 5	< 5
		cis-1,2-DCE (µg/L)	0.76 (J)	3.63 (J)	3.96 (J)	1.33 (J)
		trans-1,2-DCE (µg/L)	< 5	< 5	< 5	< 5
0608	Off site	TCE (µg/L)	0.83 (J)	0.39 (J)	Dry	0.39 (J)
		PCE (µg/L)	< 5	< 5		< 5
		cis-1,2-DCE (µg/L)	< 5	< 5		< 5
		trans-1,2-DCE (µg/L)	< 5	< 5		< 5
Downgradient Wells						
0118	Off site	TCE (µg/L)	< 5	< 5	< 5	< 5
		PCE (µg/L)	< 5	< 5	< 5	< 5
0138	Off site	TCE (µg/L)	< 5	< 5	< 5	< 5
		PCE (µg/L)	< 5	< 5	< 5	< 5
0301	Off site	TCE (µg/L)	< 5	< 5	< 5	< 5
		PCE (µg/L)	< 5	< 5	< 5	< 5
0311	Off site	TCE (µg/L)	< 5	< 5	< 5	< 5
		PCE (µg/L)	< 5	0.31 (J)	< 5	< 5
0333	Off site	TCE (µg/L)	< 5	< 5	0.26 (J)	< 5
		PCE (µg/L)	< 5	< 5	< 5	< 5
0334	Off site	TCE (µg/L)	< 5	< 5	< 5	< 5
		PCE (µg/L)	< 5	< 5	< 5	< 5
0346	On site	TCE (µg/L)	< 5	< 5	< 5	< 5
		PCE (µg/L)	< 5	< 5	< 5	< 5
0347	On site	TCE (µg/L)	19	12	26.2	0.43 (J)
		PCE (µg/L)	< 5	< 5	< 5	< 5
0379	On site	TCE (µg/L)	2.08 (J)	2.14 (J)	2.56 (J)	2.07 (J)
		PCE (µg/L)	0.36 (J)	0.35 (J)	0.28 (J)	0.48 (J)

J—Estimated value that is less than the detection limit
PCE trigger level at 0601 = 75 µg/L
TCE trigger level at the seeps = 150 µg/L

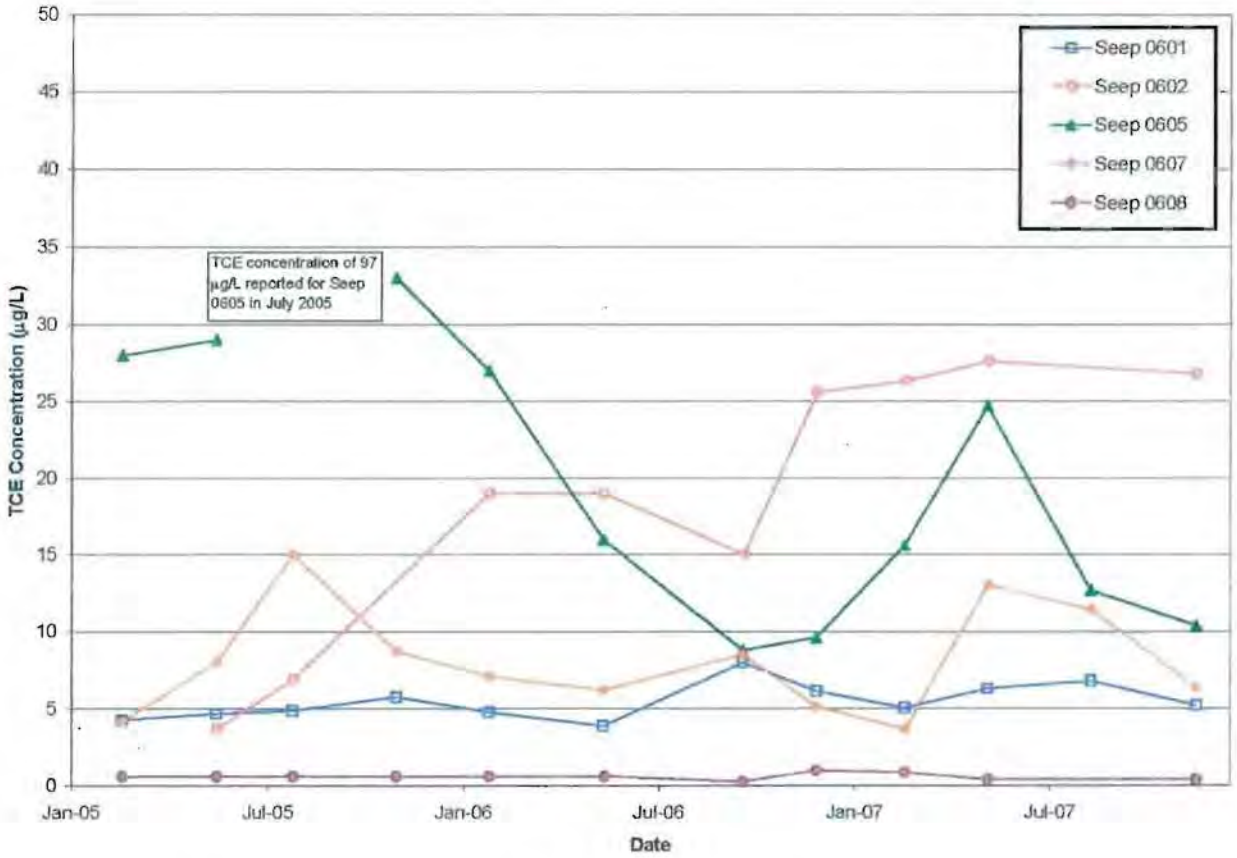

Figure 3. TCE Concentrations over Time in the Main Hill Seeps—2005 through 2007

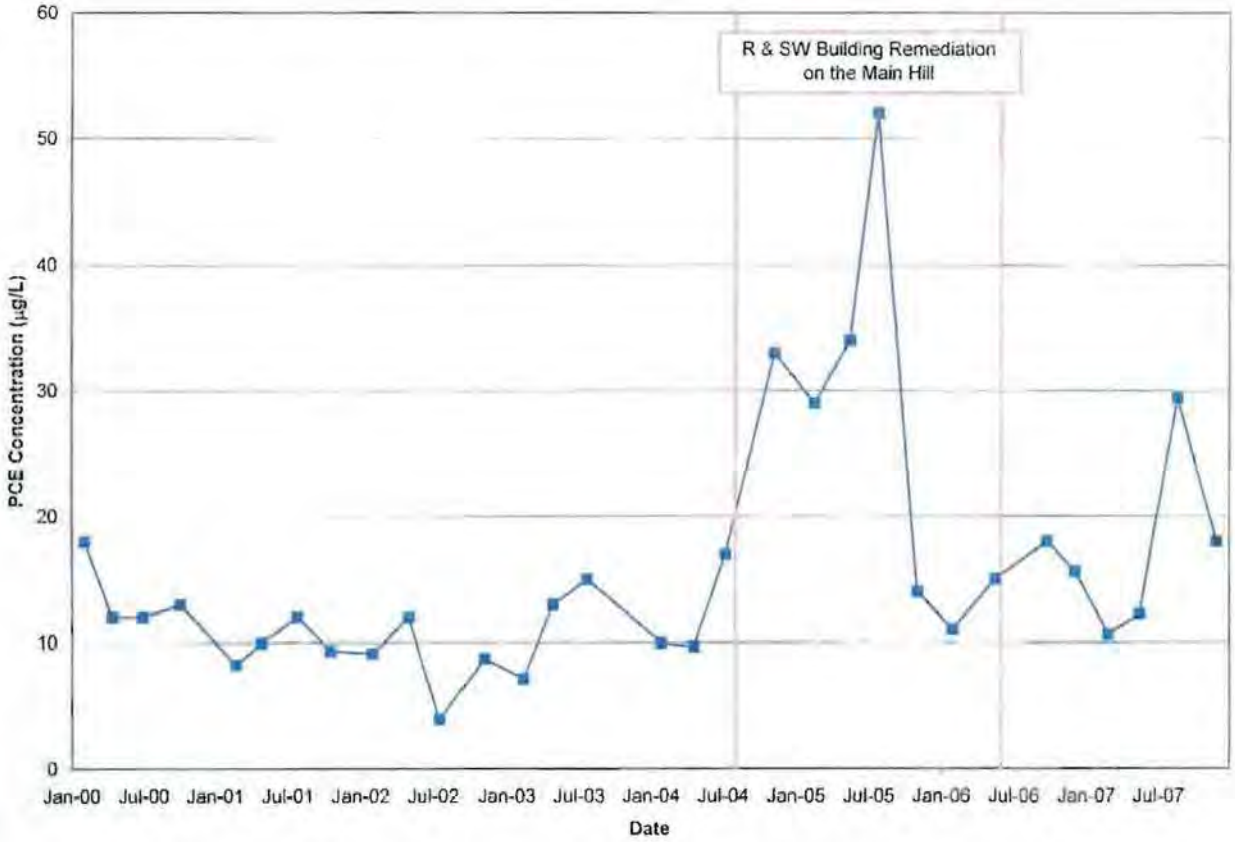

Figure 4. PCE Concentrations over Time in Seep 0601—2000 through 2007

4.2 Tritium Results

Tritium levels measured during 2007 in the Main Hill seeps were elevated and were higher than those in the downgradient groundwater wells (Table 6). The highest tritium activity was observed in seep 0601, which is located on site. No seep locations had tritium levels that exceeded the trigger level of 1,500 nCi/L. Levels in all of the seeps (except seep 0607) exceeded the MCL of 20 nCi/L during 2007.

Tritium levels in the wells downgradient of the Main Hill area also continued to be elevated during 2007. The highest level was observed in well 0347, which is located downgradient of seeps 0601 and 0602. None of the groundwater wells had tritium levels that exceeded 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	117	146	161	88.0
0602	30.5	36.8	Dry	45.1
0605	26.5	33.4	22.2	25.6
0607	9.0	12.2	14.1	12.9
0608	29.1	31.2	Dry	30.3
Downgradient Wells				
0118	0.37 (J)	< 0.34	0.32 (J)	< 0.32
0138	7.37	6.81	4.29	1.39
0301	< 0.32	0.35 (J)	< 0.30	< 0.32
0311	0.43 (J)	1.10	0.92	1.72
0333	< 0.28	< 0.34	< 0.31	< 0.32
0334	0.50	0.34 (J)	0.30 (J)	< 0.36
0346	2.12	1.83	1.76	2.61
0347	16.4	13.1	10.2	< 0.37
0379	1.98	1.95	1.92	1.75

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

Tritium levels in the seeps were the highest during remediation activities on the Main Hill (2004–2006). Tritium data collected after building demolition and soil removal indicate decreasing levels in seeps 0601, 0605, and 0607 (Figure 5). Tritium levels in seeps 0602 and 0608 were relatively stable during that time period. Comparisons of concentrations of tritium in the seeps with those measured in downgradient monitoring wells indicates that the seeps have responded more quickly than the wells because they are direct discharge points for groundwater.

A substantial decrease in tritium levels in well 0347 occurred in the fourth quarter. Review of sampling field sheets and precipitation data do not provide any insight as to the cause of this decrease. Subsequent data will continue to be evaluated. A similar decrease in TCE concentrations was reported for this location.

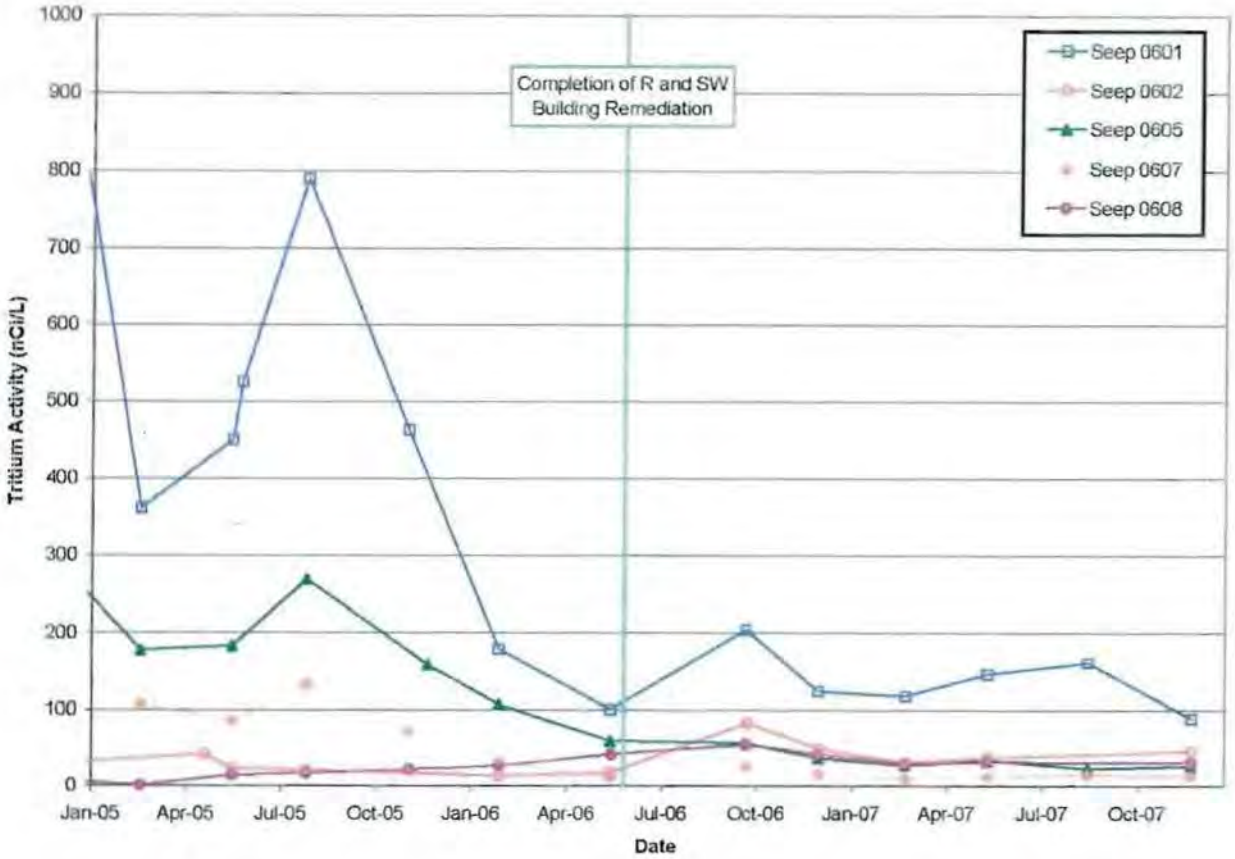

Figure 5. Tritium Activity in Seeps (2005–2007)

Tritium levels in downgradient wells (Figure 6) illustrate that groundwater impact lags behind those in the seeps. Groundwater impact increased near the end of remediation activities on the Main Hill, and impact in the seeps occurred as remediation activities were being performed and began to decrease as activities were completed. Wells 0138 and 0347 had the highest levels of tritium and responded rapidly to remediation activities. Wells 0346 and 0379 have also shown evidence of impact. The remainder of the wells have shown little change over time.

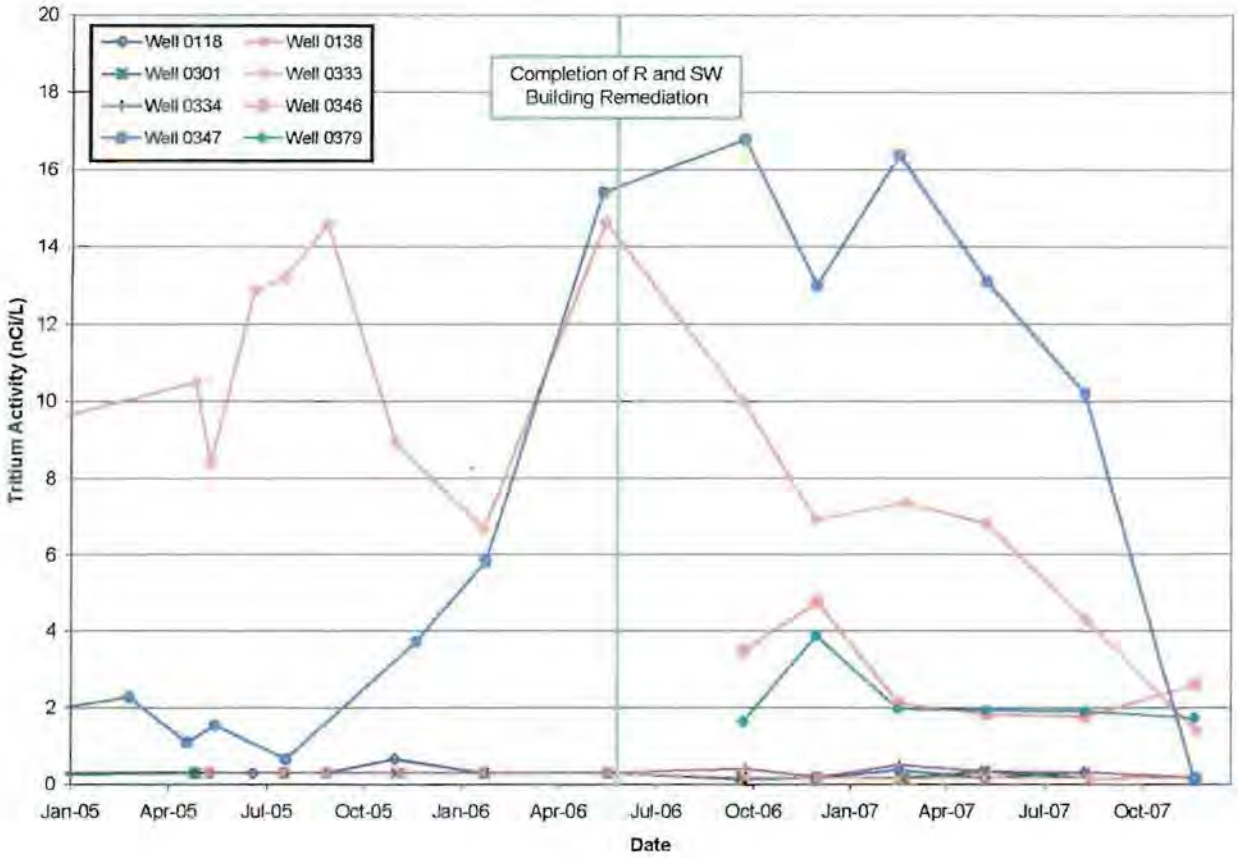

Figure 6. Tritium Activity in Downgradient Wells (2005–2007)

The distribution of tritium in groundwater (Figure A–3 in Appendix A) in the Main Hill area indicates that the greatest impact is still associated with the seeps, particularly seep 0601. Downgradient wells 0138, 0347, and 0379 also had elevated levels of tritium. Figure A–3 in Appendix A depicts the annual averages of tritium in the monitoring network.

4.3 Other Radionuclides Results

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 or combined Ra-226/228.

Table 7. Summary of Radionuclides in Seep 0601

Location	Parameter	Q1	Q2	Q3	Q4
0601	Ra-226 (pCi/L)	0.84 (J)	0.53 (J)	0.54 (J)	1.52
	Ra-228 (pCi/L)	< 0.79	< 0.80	1.03 (J)	< 0.94
	Sr-90 (pCi/L)	1.64 (J)	2.81	2.67	2.27

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

Data have been collected consistently for Sr and Ra in seep 0601 since 2005. Graphs of the concentrations over time (Figures 7 and 8) indicate that levels have decreased over time.

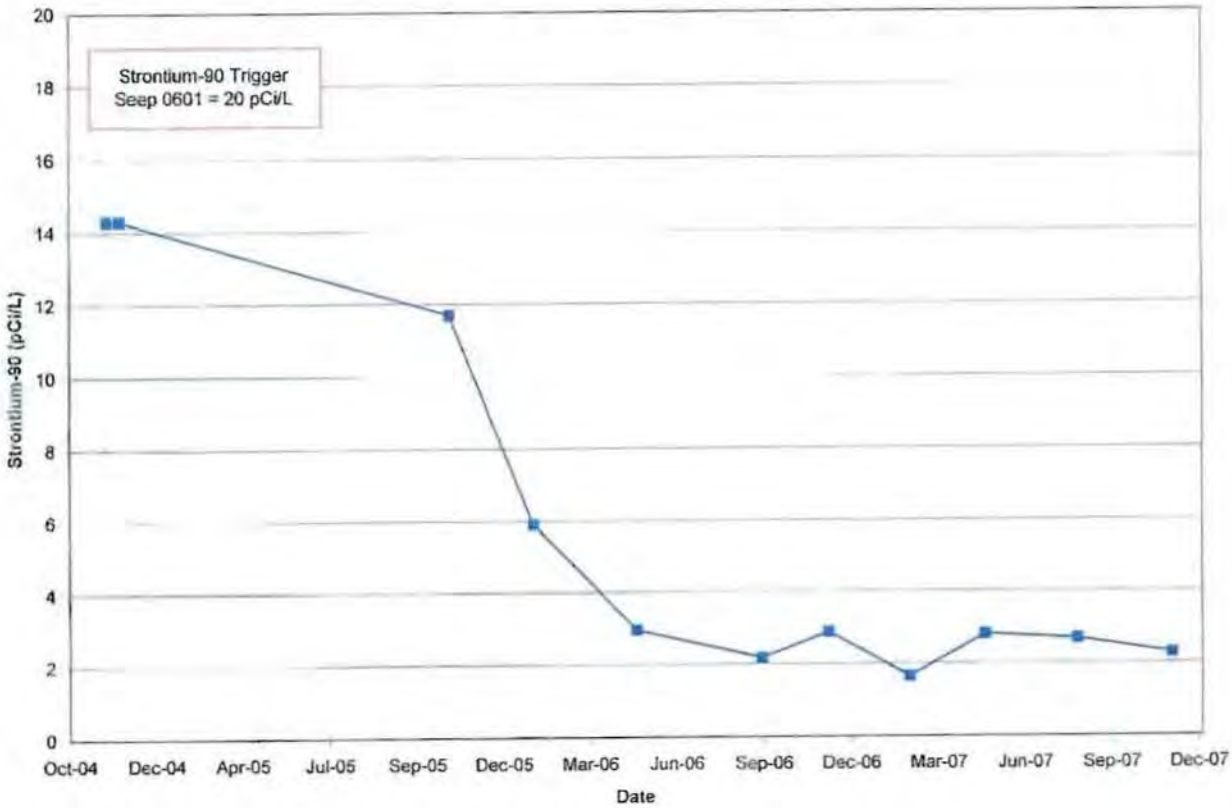

Figure 7. Sr-90 Activity over Time in Seep 0601—2004 through 2007

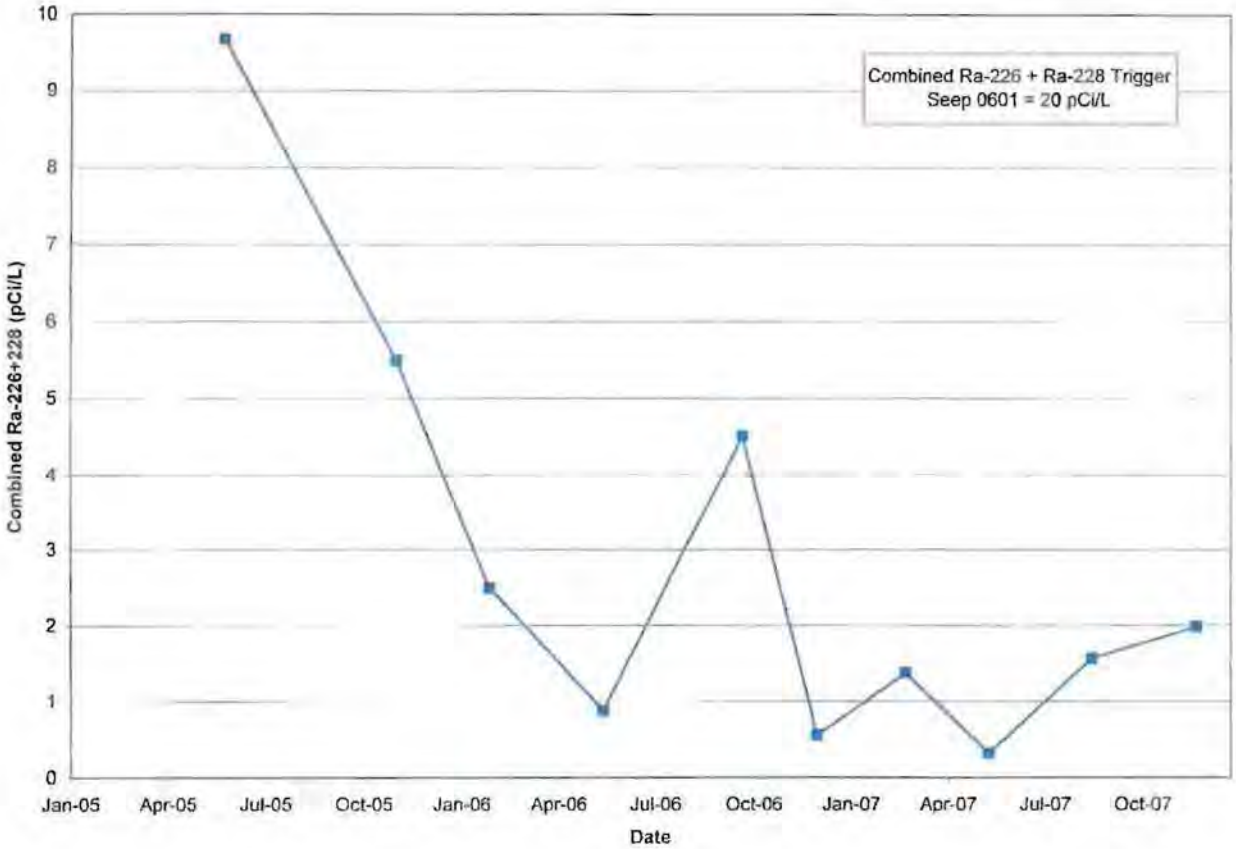

Figure 8. Combined Ra-226/228 Activity over Time in Seep 0601—2005 through 2007

4.4 Trend Analysis

Trend analysis was performed on VOC, tritium, and other radionuclide data using the non-parametric Mann-Kendall test. This test is used for temporal trend identification because it does not require the data to conform to a particular distribution (such as a normal or log-normal distribution). This type of long-term trend analysis can be used to confirm downward trends in contaminant concentrations over time. Trend analysis is reported for data collected from 2005 through 2007. This time period was selected to represent data collected since the completion of remediation activities on the Main Hill.

4.4.1 Volatile Organic Compounds

Trend analysis for TCE data collected since 2005 indicates upward trends in seeps 0601 and 0602 and a downward trend in seep 0605 (Table 8). Data collected for the past 7 years (2000–2007) indicate upward trends in all of the seeps except seep 0608. This would indicate that, although downward trends or no trends were identified at some of the seeps for recent data, the TCE concentrations overall are consistently higher than those measured prior to remediation activities.

Table 8. Summary of Trend Analysis Results for TCE in the Main Hill Seeps (2005–2007)

Location	No. of Samples	Trend	Slope (µg/L/year)	Confidence Interval (µg/L/year)	
				Lower	Upper
0601	12	Upward	0.68	0.02	1.4
0602	9	Upward	8.9	4.4	14
0605	12	Downward	–8.0	–20	–1.3
0607	12	None	–	–	–
0608	11	None	–	–	–

4.4.2 Tritium and Other Radionuclides

Trend analysis for tritium data collected since 2005 indicates downward trends in seeps 0601, 0605, and 0607 and in well 0138 (Table 9). Analysis of data collected for the past 7 years (2000–2007) indicates upward trends in seeps 0601, 0602, and 0608. This would indicate that, although downward trends or no trends were identified at some of the seeps for recent data, the tritium levels overall are consistently higher than those measured prior to remediation activities. The downward trends determined from recent data suggest that the majority of the source has been removed from the Main Hill area and that with continued flushing the levels should continue to decrease.

Table 9. Summary of Trend Analysis Results for Tritium in the Main Hill Seeps and Downgradient Wells (2005–2007)

Location	No. of Samples	Trend	Slope (µg/L/year)	Confidence Interval (nCi/L/year)	
				Lower	Upper
0601	13	Downward	–136	–242	–26
0602	10	None	–	–	–
0605	12	Downward	–70	–97	–36
0607	12	Downward	–35	–51	–10
0608	11	None	–	–	–
0138	14	Downward	–3.0	–5.1	–0.5

Trend analysis for combined Ra-226/228 and Sr-90 from seep 0601 (Table 10) indicates a downward trend in Sr-90 levels. No trend, either upward or downward, was determined for combined Ra-226/228 data.

Table 10. Summary of Trend Analysis Results for Other Radionuclides in Seep 0601

Radionuclide	No. of Samples	Trend	Slope (µg/L/year)	Confidence Interval (nCi/L/year)	
				Lower	Upper
Ra-226/228	12	None	–	–	–
Sr-90	10	Downward	–2.4	–5.7	–0.26

4.5 Recommendations

No changes to the monitoring program are warranted at this time.

5.0 Inspection of the Monitoring System

During 2007, excessive vegetation was cleared from the immediate area around the monitoring wells and the protective casings and bollards (where present) were painted and minor repairs made as required to address deficiencies identified during the five-year review inspection performed in August 2006 (DOE 2006b). Though not necessary to the protectiveness of the remedy, but as a best management practice, it was determined that the condition of the monitoring wells needed to be improved. 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 the monitoring wells and the seeps.

A routine maintenance program has been established for the long-term groundwater monitoring locations at the Mound site. This program includes periodic inspections, generally performed at each sampling event, 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 failure of the surface seals and the potential for migration of contamination from surface sources into the subsurface. The primary deficiencies identified in 2007 were that permanent identification markers have not been installed at wells 0118 and 0346. This was also a finding during the 2006 inspection. It was also noted that flush-mounted wells 0138, 0301, 0311, 0386, 0387, 0389, and 0392 do not seal well due to a bad gasket seal or stripped or broken mounting bolts or flanges that allow water to fill the space between the well casing and the protective casing. New seals and bolts have been installed at wells 0386, 0387, 0389, and 0392.

Starting in 2008, dedicated bladder pumps will replace the non-dedicated sample pumps for groundwater sampling. The dedicated pumps were installed prior to the February 2008 sampling event. Attempts to sample all locations using low-flow methods (rates at approximately 500 mL/minute) will be made. If a location cannot sustain a low flow rate, the well will be evacuated and sampled at a later time (12 to 24 hours) using the dedicated pump. This is not expected to occur, since the wells have historically sustained 500 mL/minute purge rates using the present sampling methods.

6.0 Data Validation

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 are provided in Appendix B. A summary of all the data for 2007, 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
- Chain of custody
- Laboratory blanks
- Preparation blanks
- Laboratory replicates
- Serial dilutions
- Detection limits
- Peak integrations
- Matrix spikes (MS) and matrix spike duplicates (MSD)
- Holding times
- Instrument calibrations
- Interference check samples
- Radiochemical uncertainty
- Laboratory control samples
- Sample dilutions
- Surrogate recoveries
- Confirmation analyses
- 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 concentrations of TCE in the groundwater and the changes in tritium levels and VOC concentrations in 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. Substantial increases in contaminant levels were observed during 2004 and 2005 when remediation was performed. Some decreases in concentrations have been observed in 2007; 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

Monitoring results for 2007 continue to show TCE in wells 0315, 0347, 0386, and 0389, with the highest concentrations in wells 0315 and 0347 (source wells). An estimated detect (less than 1 µg/L) of TCE was reported in well 0126. TCE was not detected in the remainder of the wells. All TCE concentrations were below applicable trigger levels. Low levels of PCE were detected in wells 0126, 0389, and 0392. No detectable concentrations of DCE or vinyl chloride were found in any of these wells.

TCE concentrations in wells 0315 and 0347 have fluctuated over time. Statistical analysis of the TCE data indicated no upward or downward trends in wells 0315, 0347, 0389, or 0392. The changes in TCE over time are likely the result of remedial actions on the Main Hill. Starting in 2000, the concentrations in BVA wells 0386 and 0389, which have consistently shown TCE impact, have remained below the MCL.

Monitoring associated with TCE in wells 0315 and 0347 will continue. The evaluation of the 2007 data does not suggest any changes to the monitoring program at this time. Quarterly sampling will be performed in 2008.

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 2007, no locations exceed the trigger level of 150 µg/L (established for seep 0605). The highest concentrations were in seep 0602, which is located on site. PCE concentrations continue to exceed the MCL of 5 µg/L at seep 0601; however, this location does not exceed the trigger level of 75 µg/L. Detectable concentrations of *cis*-1,2-DCE are also observed in all of the seeps except 0608. Estimated detections of *trans*-1,2-DCE were reported in seep 0605. No detectable concentrations of vinyl chloride were reported in 2007.

Monitoring of downgradient wells indicates low concentrations of TCE and PCE in wells 0347 and 0379. 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.

Trend analysis for TCE data collected since 2005 from the seeps indicates upward trends in seeps 0601 and 0602 and a downward trend in seep 0605. Data collected for the past 7 years (2000–2007) indicate upward trends in all seeps, except seep 0608. This would indicate that, although downward trends or no trends were identified at some of the seeps for recent data, the TCE concentrations overall are consistently higher than those measured prior to remediation activities.

VOC monitoring associated with seeps and downgradient monitoring wells will continue. The evaluation of the 2007 data does not suggest any changes to the monitoring program at this time. Quarterly sampling will be performed in 2008.

7.2.2 Tritium and Other Radionuclide Monitoring

Elevated tritium levels are present in the Main Hill seeps and in some downgradient groundwater monitoring wells. Tritium levels in the Main Hill seeps continue to be higher than those of the downgradient groundwater wells. The highest tritium activity is observed in seep 0601, which is located on site. No locations have tritium levels that exceed the trigger level of 1,500 nCi/L. All of the seeps (except seep 0607) have exceeded the MCL of 20 nCi/L at some time during 2007. Tritium was detected in four wells (0138, 0346, 0347, and 0379) located downgradient of the seeps. The highest tritium level in groundwater is in well 0347, which is located downgradient of seeps 0601 and 0602. None of the groundwater wells had tritium levels that exceeded the MCL of 20 nCi/L.

Tritium levels in downgradient wells indicate that groundwater impact lags behind that in the seeps. Groundwater impact increased near the end of remediation activities on the Main Hill, and impact in the seeps occurred as remediation activities were being performed and began to decrease as activities were completed.

Statistical analysis of tritium data collected since 2005 indicates downward trends in several seeps and in one monitoring well. Analysis of data collected for the past 7 years (2000–2007) indicates upward trends in several seeps. This would indicate that although downward trends or no trends were identified at some of the seeps for recent data, the tritium levels overall are consistently higher than those measured prior to remediation activities. The downward trends determined from recent data suggest that the majority of the source has been removed from the Main Hill area and that with continued flushing the levels should continue to decrease. Also, tritium levels will likely decrease more rapidly than the VOCs because tritium does not attenuate through degradation or sorption in the natural environment; and therefore moves more quickly in the groundwater system.

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. Trend analysis using Sr-90 data from seep 0601 indicates a downward trend in Sr-90 levels.

Tritium monitoring associated with seeps and downgradient monitoring wells and Ra-226/228 and Sr-90 monitoring at seep 0601 will continue. The evaluation of the 2007 data does not suggest any changes to the monitoring program at this time. Quarterly sampling will be performed in 2008.

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), prepared by CH2M Hill–Miamisburg Closure Project, for the U.S. Department of Energy, Ohio Field Office, December.

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), 2007a. *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.

DOE (U.S. Department of Energy), 2007b. *Parcel 6, 7, and 8 Groundwater Monitoring Report Calendar Year 2006*, prepared by S.M. Stoller Corporation under DOE Contract No. DE-AC01-02GJ79491 for the U.S. Department of Energy Office of Legacy Management, November.

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.

Appendix A

Appendix A

Contaminant Distribution Maps

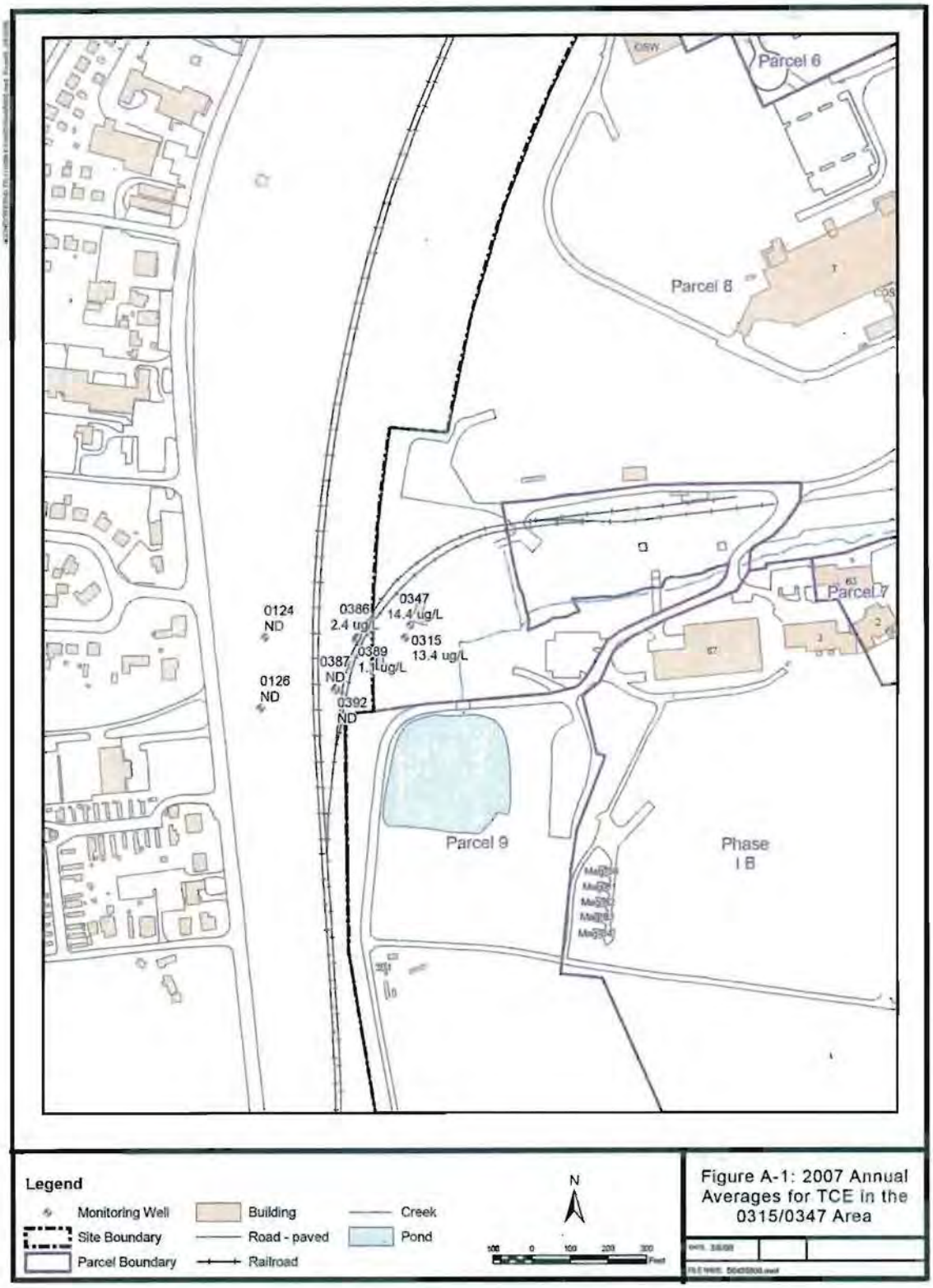

Figure A-1: 2007 Annual Averages for TCE in the 0315/0347 Area

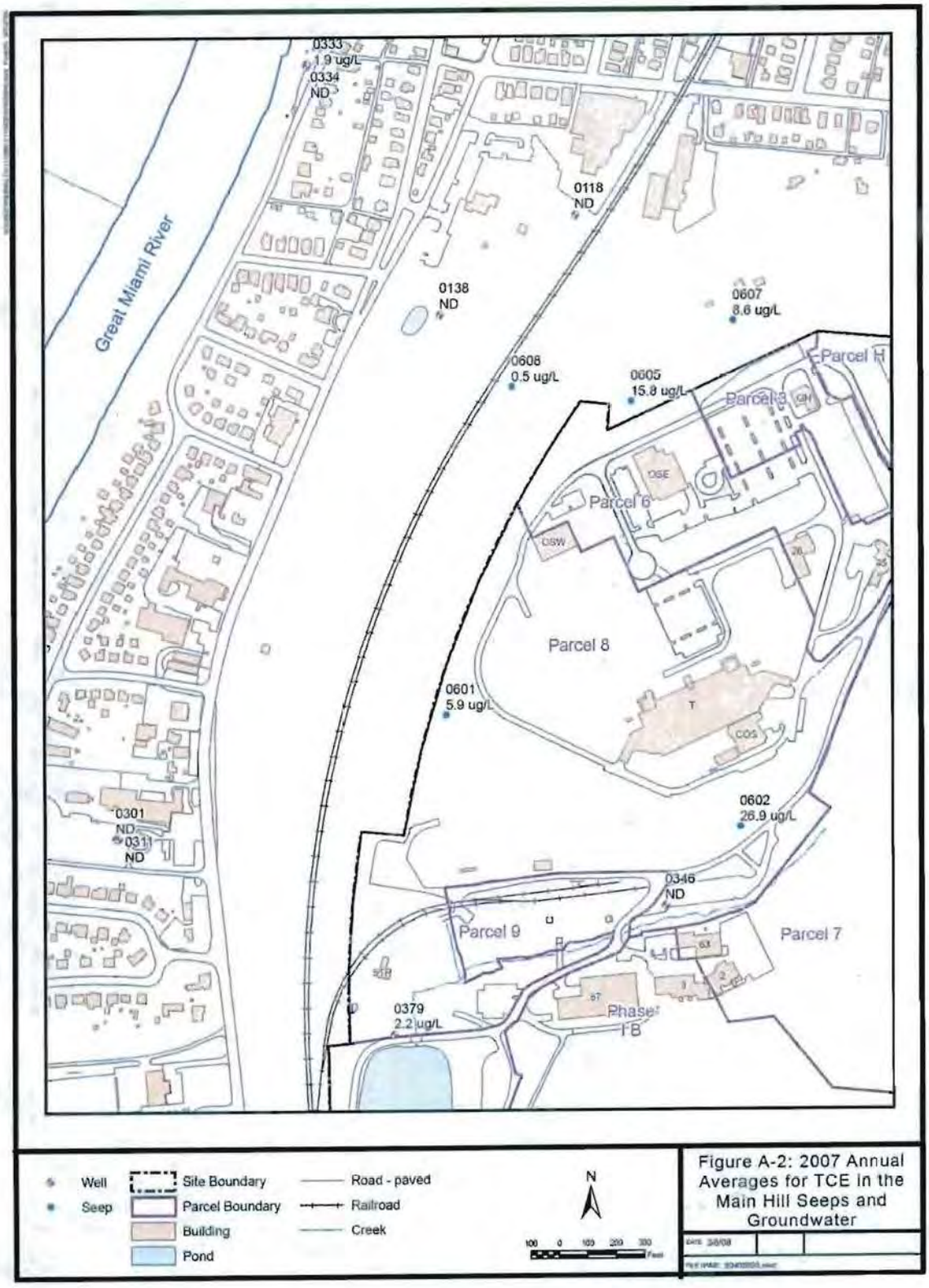

Figure A-2: 2007 Annual Averages for TCE in the Main Hill Seeps and Groundwater

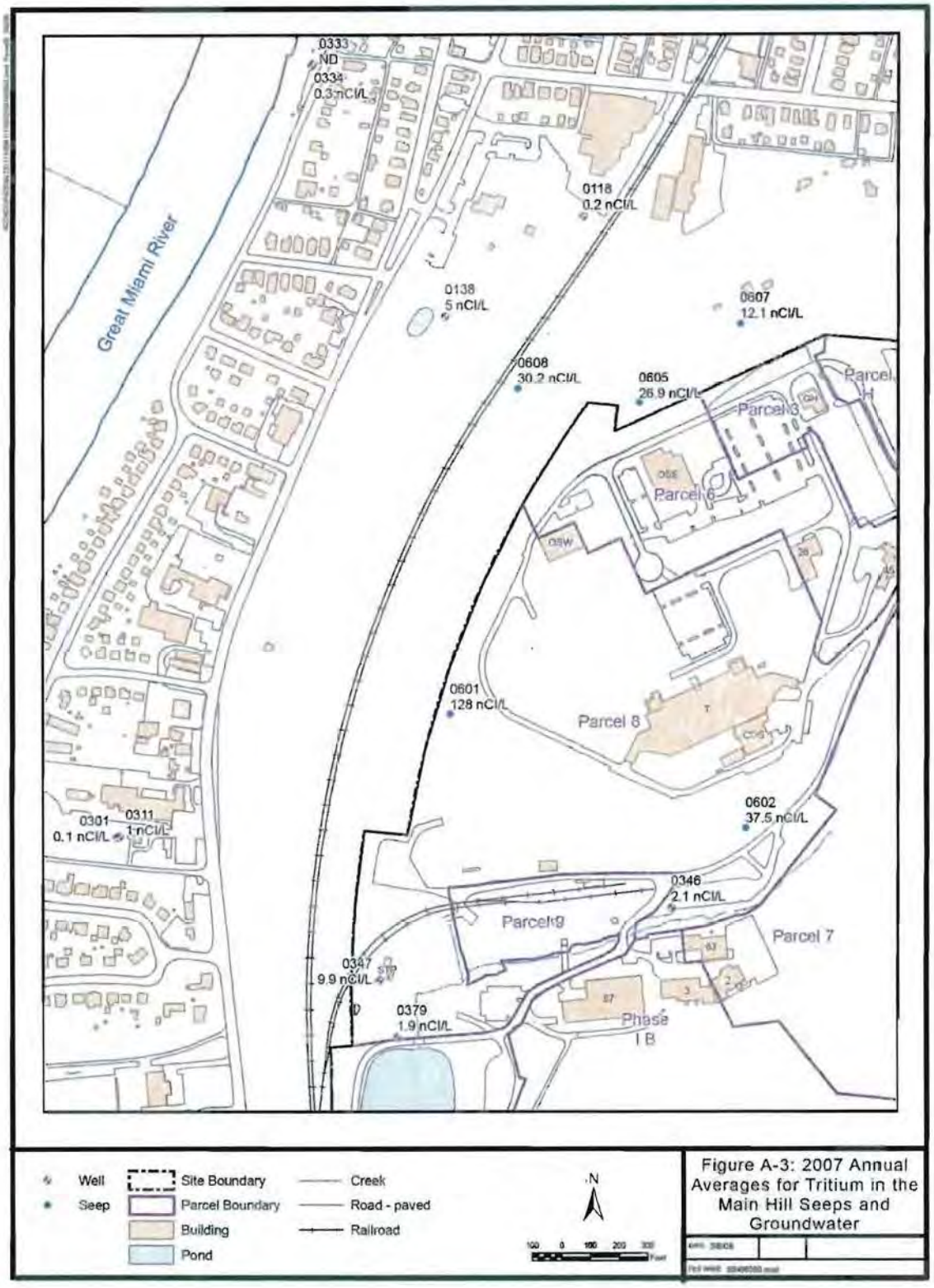

Figure A-3: 2007 Annual Averages for Tritium in the Main Hill Seeps and Groundwater

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Appendix B

Appendix B

Data Validation Reports

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Stoller
Legacy Management Team

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Data Review and Validation Report

General Information

Requisition No. (RIN):	07020740
Sample Event:	February 21-23, 2007
Site(s):	Mound, Ohio
Laboratory:	GEL Laboratories, Charleston, SC
Work Order No.:	181372
Analysis:	NPDES Parameters
Validator:	Steve Donivan
Review Date:	April 27, 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
Tritium	LCS-A-001		
Volatile Organics, VOA	VOA-A-009	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
181372-001	0419	Acetone	U	Less than 10 times the trip blank
181372-002	0347	Acetone	U	Less than 10 times the trip blank
181372-002	0347	Chloroform	U	Less than 10 times the trip blank
181372-003	0315	Acetone	U	Less than 10 times the trip blank
181372-004	0346	Acetone	U	Less than 10 times the trip blank
181372-005	0379	Acetone	U	Less than 10 times the trip blank
181372-007	0126	Acetone	U	Less than 10 times the trip blank
181372-007	0126	Chloroform	U	Less than 10 times the trip blank
181372-008	0333	Acetone	U	Less than 10 times the trip blank
181372-009	0334	Acetone	U	Less than 10 times the trip blank
181372-009	0334	Tritium	J	Less than 3 times the MDC
181372-010	0118	Acetone	U	Less than 10 times the trip blank
181372-010	0118	Tritium	J	Less than 3 times the MDC

Sample Shipping/Receiving

GEL Laboratories in Charleston, South Carolina, received 12 water samples on February 24, 2007 under tracking number 8586 5453 7060, 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. The Analysis Confirmation Form listed an incorrect service level; the laboratory provided the correct service level.

Preservation and Holding Times

The sample shipment was received cool and intact at a temperature of 3°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 reported at Analysis Service Level C (results plus quality control) and do not include calibration data.

Method SW-846 8260B, Volatiles

Surrogate recoveries were within the acceptance ranges for all samples.

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).

Method Blanks

The VOA method blank results were below the practical quantitation limits for all analytes. The tritium method blank result was less than the MDC. In cases where a blank concentration exceeds the instrument detection limit, the associated sample results are qualified with a "U" flag (not detected) when the sample result is greater than the Method Detection Limit (MDL) but less than five times the blank concentration. Naphthlene was detected in the volatile method blank at concentrations above the method detection limit. Naphthlene was not detected in any of the samples.

Equipment Blank and Trip Blank

A trip blank (0999) was prepared and analyzed to document contamination attributable to shipping and field handling procedures. An equipment blank (0998) was prepared and analyzed to document contamination attributable to sampling procedure. Acetone, bromodichloroethane, bromoform, chloroform, cis-1,2-dichloroethene, and dibromochloroethane were detected in the equipment blank. Acetone, bromodichloroethane, bromoform, chloroform, and dibromochloroethane were detected in the trip blank. Sample results for acetone that are less than ten times the trip blank concentration are qualified with a "U" flag (not detected). Sample results for the chloroform that are less than five times the trip blank concentration are qualified with a "U" flag. None of the other compounds were detected in any of the samples.

Matrix Spike Analysis

Matrix spike and matrix spike duplicate samples (MS/MSD) were analyzed for VOAs 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 sample duplicates and MSD 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.

Detection Limits/Dilutions

Samples were diluted in a consistent and acceptable manner when required. The required detection limits (RDL) were met for all analytes.

Completeness

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

Electronic Data Deliverable (EDD) File

An EDD file arrived on March 26, 2007. The Sample Management System EDD validation module was used to verify that the EDD file was complete and in compliance with requirements. The module compares the contents of the file to the requested analyses to ensure all and only the requested data are delivered. The contents of the EDD were manually examined to verify that the sample results accurately reflect the data contained in the sample data package.

Report Prepared By: _____

Data Validator

SAMPLE MANAGEMENT SYSTEM

EDD Non-Conformance Report

Report Date: 3/26/2007

EDD File: \\condor\sms\07020740\07020740.txt

EDD Errors: 0

Record	Error Type	Field	Error Description

SAMPLE MANAGEMENT SYSTEM

General Data Validation Report

RIN: 07020740 **Lab Code:** GEN **Validator:** Steve Donivan **Validation Date:** 4/27/2007

Project: Mound LTS&M Ground Water **Analysis Type:** ☐ Metals ☐ General Chem ☑ Rad ☑ Organics

# of Samples: 12 **Matrix:** WATER **Requested Analysis Completed:** Yes

Chain of Custody

Present: OK **Signed:** OK **Dated:** OK

Sample

Integrity: OK **Preservation:** OK **Temperature:** OK

Select Quality Parameters

☑ Holding Times	All analyses were completed within the applicable holding times.
☑ Detection Limits	The reported detection limits are equal to or below contract requirements.
☑ Field/Trip Blanks	There were 2 trip/equipment blanks evaluated.
☐ Field Duplicates	

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07020740 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 4/27/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181372011	EPA 8260B	Acetone (Lab Contaminant)	2.59	J	100	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181372001	1.93	1	J	U	
181372002	2.93	1	J	U	
181372003	2.59	1	J	U	
181372004	1.8	1	J	U	
181372005	1.52	1	J	U	
181372006	100	1	U		
181372007	1.6	1	J	U	
181372008	1.32	1	J	U	
181372009	2.4	1	J	U	
181372010	2.09	1	J	U	

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181372011	EPA 8260B	Bromodichloromethane	0.46	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181372001	5	1	U		
181372002	5	1	U		
181372003	5	1	U		
181372004	5	1	U		
181372005	5	1	U		
181372006	5	1	U		
181372007	5	1	U		
181372008	5	1	U		
181372009	5	1	U		
181372010	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07020740 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 4/27/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181372011	EPA 8260B	Bromoform	0.363	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181372001	5	1	U		
181372002	5	1	U		
181372003	5	1	U		
181372004	5	1	U		
181372005	5	1	U		
181372006	5	1	U		
181372007	5	1	U		
181372008	5	1	U		
181372009	5	1	U		
181372010	5	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181372011	EPA 8260B	Chloroform	0.54	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181372001	5	1	U		
181372002	0.473	1	J	U	
181372003	5	1	U		
181372004	5	1	U		
181372005	5	1	U		
181372006	5	1	U		
181372007	0.332	1	J	U	
181372008	5	1	U		
181372009	5	1	U		
181372010	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07020740 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 4/27/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181372011	EPA 8260B	cis-1,2-Dichloroethylene	0.306	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181372001	5	1	U		
181372002	5	1	U		
181372003	5	1	U		
181372004	5	1	U		
181372005	5	1	U		
181372006	5	1	U		
181372007	5	1	U		
181372008	5	1	U		
181372009	5	1	U		
181372010	5	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181372011	EPA 8260B	Dibromochloromethane	0.524	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181372001	5	1	U		
181372002	5	1	U		
181372003	5	1	U		
181372004	5	1	U		
181372005	5	1	U		
181372006	5	1	U		
181372007	5	1	U		
181372008	5	1	U		
181372009	5	1	U		
181372010	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07020740 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 4/27/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	181372012	EPA 8260B	Acetone (Lab Contaminant)	1.7	J	100	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181372001	1.93	1	J	U	
181372002	2.93	1	J	U	
181372003	2.59	1	J	U	
181372004	1.8	1	J	U	
181372005	1.52	1	J	U	
181372006	100	1	U		
181372007	1.6	1	J	U	
181372008	1.32	1	J	U	
181372009	2.4	1	J	U	
181372010	2.09	1	J	U	

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	181372012	EPA 8260B	Bromodichloromethane	2.79	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181372001	5	1	U		
181372002	5	1	U		
181372003	5	1	U		
181372004	5	1	U		
181372005	5	1	U		
181372006	5	1	U		
181372007	5	1	U		
181372008	5	1	U		
181372009	5	1	U		
181372010	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07020740 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 4/27/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	181372012	EPA 8260B	Bromoform	0.37	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181372001	5	1	U		
181372002	5	1	U		
181372003	5	1	U		
181372004	5	1	U		
181372005	5	1	U		
181372006	5	1	U		
181372007	5	1	U		
181372008	5	1	U		
181372009	5	1	U		
181372010	5	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	181372012	EPA 8260B	Chloroform	9.54		5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181372001	5	1	U		
181372002	0.473	1	J	U	
181372003	5	1	U		
181372004	5	1	U		
181372005	5	1	U		
181372006	5	1	U		
181372007	0.332	1	J	U	
181372008	5	1	U		
181372009	5	1	U		
181372010	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07020740 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 4/27/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	181372012	EPA 8260B	Dibromochloromethane	1.26	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181372001	5	1	U		
181372002	5	1	U		
181372003	5	1	U		
181372004	5	1	U		
181372005	5	1	U		
181372006	5	1	U		
181372007	5	1	U		
181372008	5	1	U		
181372009	5	1	U		
181372010	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 07020740 **Lab Code:** GEN **Date Due:** 3/26/2007

Matrix: Water **Site Code:** MN03 **Date Completed:** 3/26/2007

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	03/01/2007					86.0	92.0	99.0	99.0				
0124	VOAs	03/01/2007					84.0	92.0	98.0	100.0				
0126	VOAs	03/01/2007					86.0	91.0	98.0	100.0				
0315	VOAs	03/01/2007					83.0	91.0	97.0	99.0				
0333	VOAs	03/01/2007					86.0	91.0	98.0	99.0				
0334	VOAs	03/01/2007					86.0	91.0	97.0	99.0				
0339	VOAs	03/01/2007					84.0	92.0	98.0	100.0				
0346	VOAs	03/01/2007					84.0	92.0	97.0	99.0				
0347	VOAs	03/01/2007					83.0	91.0	97.0	99.0				
0379	VOAs	03/01/2007					85.0	90.0	99.0	98.0				
0419	VOAs	03/01/2007					82.0	92.0	96.0	98.0				
Equipment Blank	VOAs	03/01/2007					87.0	90.0	989.0	98.0				
LCS	1,1-Dichloroethene	03/01/2007									108.0			
LCS	Benzene	03/01/2007					81.0	90.0	97.0	100.0	108.0			
LCS	Chlorobenzene	03/01/2007									104.0			
LCS	Toluene	03/01/2007									98.0			
LCS	Trichloroethene	03/01/2007									103.0			
Method Blank	VOAs	03/01/2007					81.0	93.0	95.0	100.0				

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 07020740 **Lab Code:** GEN **Date Due:** 3/26/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 3/26/2007

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	1,1-Dichloroethene	03/01/2007										92.0	105.0	13.00
MS	Benzene	03/01/2007					86.0	90.0	100.0	99.0		97.0	110.0	13.00
MS	Chlorobenzene	03/01/2007										87.0	97.0	11.00
MS	Toluene	03/01/2007										81.0	90.0	11.00
MS	Trichloroethene	03/01/2007										86.0	97.0	13.00
Trip Blank	VOAs	03/01/2007					87.0	90.0	100.0	98.0				

SAMPLE MANAGEMENT SYSTEM
Radiochemistry Data Validation Worksheet

RIN: 07020740 **Lab Code:** GEN **Date Due:** 3/26/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 3/26/2007

Sample	Analyte	Date Analyzed	Result	Flag	Tracer %R	LCS %R	MS %R	Duplicate
Duplicate	Tritium	03/15/2007						0.30
LCS	Tritium	03/15/2007				106.0		
Method Blank	Tritium	03/15/2007	102.0000	U				
MS	Tritium	03/15/2007					102.0	

Stoller
Legacy Management Team

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Data Review and Validation Report

General Information

Requisition No. (RIN):	07030755
Sample Event:	February 26, 2007 – March 2, 2007
Site(s):	Mound, Ohio
Laboratory:	General Engineering Laboratories, Charleston, SC
Work Order No.:	181791
Analysis:	Metals, Organics, Wet Chemistry, Radiochemistry
Validator:	Steve Donivan
Review Date:	May 2, 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
Chloride	WCH-A-011	EPA 300.0	EPA 300.0
Metals, Ba, Cr, Na, Ni	MET-A-020	SW-846 3005A	SW-846 6010B
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	LCS-A-001	EPA 906.0 Mod	EPA 906.0 Mod
Volatile Organics, VOA	VOA-A-009	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
181791-003	0387	Chloroform	U	Less than 5 times the trip blank
181791-007	0311	Tritium	J	Less than 3 times the MDC
181791-008	0601	Strontium-90	J	Less than 3 times the MDC

181791-008	0601	Radium-226	J	Less than 3 times the MDC
181791-010	0402	Radium-226	J	Less than 3 times the MDC
181791-014	P033	Radium-226	J	Less than 3 times the MDC
181791-014	P033	Radium-228	J	Less than 3 times the MDC
181791-017	0400	Radium-228	J	Less than 3 times the MDC
181791-021	0445	Radium-228	J	Less than 3 times the MDC
181791-023	0998	Radium-228	J	Less than 3 times the MDC
181791-026	0605	Chloroform	U	Less than 5 times the trip blank

Sample Shipping/Receiving

General Engineering Laboratories, in Charleston, South Carolina, received 29 water samples on March 3, 2007, 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 with the temperature within the chilled cooler of 4.0° C, which complies with requirements.. 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.

Equipment Blank

An equipment blank was collected after completion of decontamination and prior to collection of environmental samples. These blanks are useful in documenting adequate decontamination of sampling equipment. 2-Butanone, barium, bromodichloromethane, chloride, chloroform, dibromochloromethane, radium-228, and sodium were detected in the trip blank. Sample results that are less than five times the equipment blank results are qualified with a "U" flag as not detected.

Trip Blank

A trip blank was collected to document contamination attributable to shipping and field handling procedures. This type of blank is useful in documenting contamination of volatile organic samples. Bromodichloromethane, chloroform, and dibromochloromethane were detected in the trip blank. Sample results that are less than five times the trip blank results 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 and metals 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.

Metals Serial Dilution

Serial dilutions were prepared and analyzed for barium, chromium, nickel, and sodium to monitor chemical or physical interferences in the sample matrix. All of the serial dilution results met the acceptance criteria.

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).

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 locations 0400 and 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.

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 exception for tritium for samples 0601 and 9601. The tritium concentrations in these samples were greater than five times the minimum detectable concentration.

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

EDD Non-Conformance Report

Report Date: 4/3/2007

EDD File: \\condor\sms\07030755\07030755.txt

EDD Errors: 0

Record	Error Type	Field	Error Description

SAMPLE MANAGEMENT SYSTEM

General Data Validation Report

RIN: 07030755 **Lab Code:** GEN **Validator:** Steve Donivan **Validation Date:** 5/1/2007

Project: Mound LTS&M Ground Water **Analysis Type:** ☑ Metals ☑ General Chem ☑ Rad ☑ Organics

# of Samples: 29 **Matrix:** WATER **Requested Analysis Completed:** Yes

Chain of Custody

Present: OK **Signed:** OK **Dated:** OK

Sample

Integrity: OK **Preservation:** OK **Temperature:** OK

Select Quality Parameters

☑ Holding Times	All analyses were completed within the applicable holding times.
☑ Detection Limits	There are 2 detection limit failures.
☑ Field/Trip Blanks	There were 2 trip/equipment blanks evaluated.
☑ Field Duplicates	There were 2 duplicates evaluated.

SAMPLE MANAGEMENT SYSTEM

Non-Compliance Report: Detection Limits

RIN: 07030755 Lab Code: GEH

Project: Mound LTS&M Ground Water

Validation Date: 5/1/2007

Ticket	Location	Lab Sample ID	Method Code	Lab Method	Analyte Name	Result	Qualifier	Reported Detection Limit	Required Detection Limit	Units
FES 854	601	181791008	LSC-A-001	EPA 906.0 Modified	Tritium	117000		477	400	pCi/L
FES 830	691	181791029	LSC-A-001	EPA 906.0 Modified	Tritium	115000		472	400	pCi/L

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07030755 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 5/1/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181791023	EPA 8260B	2-Butanone (Lab Contaminant)	3.2	J	100	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791001	100	1	U		
181791002	100	1	U		
181791003	100	1	U		
181791004	100	1	U		
181791005	100	1	U		
181791006	100	1	U		
181791007	100	1	U		
181791008	100	1	U		
181791009	100	1	U		
181791010	100	1	U		
181791011	100	1	U		
181791012	100	1	U		
181791013	100	1	U		
181791014	100	1	U		
181791017	100	1	U		
181791018	100	1	U		
181791021	100	1	U		
181791022	100	1	U		
181791025	100	1	U		
181791026	100	1	U		
181791027	100	1	U		
181791028	100	1	U		
181791029	100	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181791023	EPA 3005/6010B	Barium	1.18	J	1	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791010	53.3	1	J		
181791014	100	1			
181791017	50.1	1	J		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07030755 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 5/1/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181791023		Barium				

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791018	50	1	J		
181791021	98	1	J		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181791023	EPA 8260B	Bromodichloromethane	0.886	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791001	5	1	U		
181791002	5	1	U		
181791003	5	1	U		
181791004	5	1	U		
181791005	5	1	U		
181791006	5	1	U		
181791007	5	1	U		
181791008	5	1	U		
181791009	5	1	U		
181791010	5	1	U		
181791011	5	1	U		
181791012	5	1	U		
181791013	5	1	U		
181791014	5	1	U		
181791017	5	1	U		
181791018	5	1	U		
181791021	5	1	U		
181791022	5	1	U		
181791025	5	1	U		
181791026	5	1	U		
181791027	5	1	U		
181791028	5	1	U		
181791029	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07030755 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 5/1/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181791023	EPA 300.0	Chloride	1.96		0.066	mg/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791010	68.8	10		U	
181791012	206	20			
181791014	201	20			
181791015	129	10			
181791017	35.6	5		U	
181791018	35.5	5		U	
181791020	389	50		U	
181791021	143	10			

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181791023	EPA 8260B	Chloroform	0.572	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791001	5	1	U		
181791002	5	1	U		
181791003	0.252	1	J	U	
181791004	5	1	U		
181791005	5	1	U		
181791006	5	1	U		
181791007	5	1	U		
181791008	5	1	U		
181791009	5	1	U		
181791010	5	1	U		
181791011	5	1	U		
181791012	5	1	U		
181791013	5	1	U		
181791014	5	1	U		
181791017	5	1	U		
181791018	5	1	U		
181791021	5	1	U		
181791022	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07030755 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 5/1/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181791023		Chloroform				

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791025	5	1	U		
181791026	0.306	1	J	U	
181791027	5	1	U		
181791028	5	1	U		
181791029	5	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181791023	EPA 8260B	Dibromochloromethane	1.07	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791001	5	1	U		
181791002	5	1	U		
181791003	5	1	U		
181791004	5	1	U		
181791005	5	1	U		
181791006	5	1	U		
181791007	5	1	U		
181791008	5	1	U		
181791009	5	1	U		
181791010	5	1	U		
181791011	5	1	U		
181791012	5	1	U		
181791013	5	1	U		
181791014	5	1	U		
181791017	5	1	U		
181791018	5	1	U		
181791021	5	1	U		
181791022	5	1	U		
181791025	5	1	U		
181791026	5	1	U		
181791027	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07030755 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 5/1/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181791023		Dibromochloromethane				

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791028	5	1	U		
181791029	5	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181791023	EPA 904.0 Modified	Radium-228	1.47		0.681	pCi/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791008	0.546	1	U		
181791010	0.48	1	U		
181791014	0.757	1		J	
181791017	0.839	1		J	
181791018	0.243	1	U		
181791021	1.97	1		J	
181791029	0.298	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	181791023	EPA 3005/6010B	Sodium	2590	J	45	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791010	51200	1			
181791012	96800	5			
181791014	117000	5			
181791015	83200	1			
181791017	16500	1			
181791018	16500	1			
181791020	337000	5			
181791021	107000	5			

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07030755 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 5/1/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	181791024	EPA 8260B	Bromodichloromethane	2.78	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791001	5	1	U		
181791002	5	1	U		
181791003	5	1	U		
181791004	5	1	U		
181791005	5	1	U		
181791006	5	1	U		
181791007	5	1	U		
181791008	5	1	U		
181791009	5	1	U		
181791010	5	1	U		
181791011	5	1	U		
181791012	5	1	U		
181791013	5	1	U		
181791014	5	1	U		
181791017	5	1	U		
181791018	5	1	U		
181791021	5	1	U		
181791022	5	1	U		
181791025	5	1	U		
181791026	5	1	U		
181791027	5	1	U		
181791028	5	1	U		
181791029	5	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	181791024	EPA 8260B	Chloroform	9.22		5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791001	5	1	U		
181791002	5	1	U		
181791003	0.252	1	J	U	

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07030755 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 5/1/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	181791024		Chloroform				

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791004	5	1	U		
181791005	5	1	U		
181791006	5	1	U		
181791007	5	1	U		
181791008	5	1	U		
181791009	5	1	U		
181791010	5	1	U		
181791011	5	1	U		
181791012	5	1	U		
181791013	5	1	U		
181791014	5	1	U		
181791017	5	1	U		
181791018	5	1	U		
181791021	5	1	U		
181791022	5	1	U		
181791025	5	1	U		
181791026	0.306	1	J	U	
181791027	5	1	U		
181791028	5	1	U		
181791029	5	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	181791024	EPA 8260B	Dibromochloromethane	1.34	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791001	5	1	U		
181791002	5	1	U		
181791003	5	1	U		
181791004	5	1	U		
181791005	5	1	U		
181791006	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07030755 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 5/1/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	181791024		Dibromochloromethane				

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
181791007	5	1	U		
181791008	5	1	U		
181791009	5	1	U		
181791010	5	1	U		
181791011	5	1	U		
181791012	5	1	U		
181791013	5	1	U		
181791014	5	1	U		
181791017	5	1	U		
181791018	5	1	U		
181791021	5	1	U		
181791022	5	1	U		
181791025	5	1	U		
181791026	5	1	U		
181791027	5	1	U		
181791028	5	1	U		
181791029	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Field Duplicates

RIN: 07030755 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 5/1/2007

Duplicate: 1400 Sample: 400

Analyte	Sample Result	Sample Flag	Sample Error	Duplicate Result	Duplicate Flag	Duplicate Error	RPD	RER	Units
1,1,1,2-Tetrachloroethane	5	U		5	U				ug/L
1,1,1-Trichloroethane	5	U		5	U				ug/L
1,1,2,2-Tetrachloroethane	5	U		5	U				ug/L
1,1,2-Trichloroethane	5	U		5	U				ug/L
1,1-Dichloroethane	5	U		5	U				ug/L
1,1-Dichloroethylene	5	U		5	U				ug/L
1,1-Dichloropropene	5	U		5	U				ug/L
1,2,3-Trichlorobenzene	5	U		5	U				ug/L
1,2,3-Trichloropropane	5	U		5	U				ug/L
1,2,4-Trichlorobenzene	5	U		5	U				ug/L
1,2,4-Trimethylbenzene	5	U		5	U				ug/L
1,2-Dibromo-3-chloropropane	5	U		5	U				ug/L
1,2-Dibromoethane	5	U		5	U				ug/L
1,2-Dichlorobenzene	5	U		5	U				ug/L
1,2-Dichloroethane	5	U		5	U				ug/L
1,2-Dichloropropane	5	U		5	U				ug/L
1,3,5-Trimethylbenzene	5	U		5	U				ug/L
1,3-Dichlorobenzene	5	U		5	U				ug/L
1,3-Dichloropropane	5	U		5	U				ug/L
1,4-Dichlorobenzene	5	U		5	U				ug/L
2,2-Dichloropropane	5	U		5	U				ug/L
2-Butanone	100	U		100	U				ug/L
2-Chlorotoluene	5	U		5	U				ug/L
2-Hexanone	50	U		50	U				ug/L
4-Chlorotoluene	5	U		5	U				ug/L
4-Isopropyltoluene	5	U		5	U				ug/L
4-Methyl-2-pentanone	50	U		50	U				ug/L
Acetone	100	U		100	U				ug/L
Barium	50.1	J		50	J		0.20		ug/L
Benzene	5	U		5	U				ug/L
Bromobenzene	5	U		5	U				ug/L
Bromochloromethane	5	U		5	U				ug/L
Bromodichloromethane	5	U		5	U				ug/L
Bromoform	5	U		5	U				ug/L
Bromomethane	5	U		5	U				ug/L
Carbon disulfide	5	U		5	U				ug/L
Carbon tetrachloride	5	U		5	U				ug/L
Chloride	35.6			35.5			0.28		mg/L
Chlorobenzene	5	U		5	U				ug/L
Chloroethane	5	U		5	U				ug/L

SAMPLE MANAGEMENT SYSTEM

Validation Report: Field Duplicates

RIN: 07030755 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 5/1/2007

Duplicate: 1400 **Sample:** 400

Analyte	Sample Result	Sample Flag	Sample Error	Duplicate Result	Duplicate Flag	Duplicate Error	RPD	RER	Units
Chloroform	5	U		5	U				ug/L
Chloromethane	5	U		5	U				ug/L
Chromium	32.4			47.3			37.39		ug/L
cis-1,2-Dichloroethylene	5	U		5	U				ug/L
cis-1,3-Dichloropropylene	5	U		5	U				ug/L
Dibromochloromethane	5	U		5	U				ug/L
Dibromomethane	5	U		5	U				ug/L
Dichlorodifluoromethane	5	U		5	U				ug/L
Ethylbenzene	5	U		5	U				ug/L
Hexachlorobutadiene	5	U		5	U				ug/L
Isopropylbenzene	5	U		5	U				ug/L
Methylene chloride	5	U		5	U				ug/L
Naphthalene	5	U		5	U				ug/L
n-Butylbenzene	5	U		5	U				ug/L
Nickel	14.6	J		16.5	J		12.22		ug/L
n-Propylbenzene	5	U		5	U				ug/L
Radium-226	1.94		0.538	1.69		0.562		0.6	pCi/L
Radium-228	0.839		0.455	0.243	U	0.462		1.8	pCi/L
sec-Butylbenzene	5	U		5	U				ug/L
Sodium	16500			16500			0		ug/L
Styrene	5	U		5	U				ug/L
tert-Butylbenzene	5	U		5	U				ug/L
Tetrachloroethylene	5	U		5	U				ug/L
Toluene	5	U		5	U				ug/L
trans-1,2-Dichloroethylene	5	U		5	U				ug/L
trans-1,3-Dichloropropylene	5	U		5	U				ug/L
Trichloroethylene	5	U		5	U				ug/L
Trichlorofluoromethane	5	U		5	U				ug/L
Trichlorotrifluoroethane	5	U		5	U				ug/L
Vinyl chloride	5	U		5	U				ug/L
Xylenes (total)	5	U		5	U				ug/L

Duplicate: 9601 **Sample:** 601

Analyte	Sample Result	Sample Flag	Sample Error	Duplicate Result	Duplicate Flag	Duplicate Error	RPD	RER	Units
1,1,1,2-Tetrachloroethane	5	U		5	U				ug/L
1,1,1-Trichloroethane	5	U		5	U				ug/L
1,1,2,2-Tetrachloroethane	5	U		5	U				ug/L
1,1,2-Trichloroethane	5	U		5	U				ug/L

SAMPLE MANAGEMENT SYSTEM

Validation Report: Field Duplicates

RIN: 07030755 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 5/1/2007

Duplicate: 9601 **Sample:** 601

Analyte	Sample Result	Sample Flag	Sample Error	Duplicate Result	Duplicate Flag	Duplicate Error	RPD	RER	Units
1,1-Dichloroethane	5	U		5	U				ug/L
1,1-Dichloroethylene	5	U		5	U				ug/L
1,1-Dichloropropene	5	U		5	U				ug/L
1,2,3-Trichlorobenzene	5	U		5	U				ug/L
1,2,3-Trichloropropane	5	U		5	U				ug/L
1,2,4-Trichlorobenzene	5	U		5	U				ug/L
1,2,4-Trimethylbenzene	5	U		5	U				ug/L
1,2-Dibromo-3-chloropropane	5	U		5	U				ug/L
1,2-Dibromoethane	5	U		5	U				ug/L
1,2-Dichlorobenzene	5	U		5	U				ug/L
1,2-Dichloroethane	5	U		5	U				ug/L
1,2-Dichloropropane	5	U		5	U				ug/L
1,3,5-Trimethylbenzene	5	U		5	U				ug/L
1,3-Dichlorobenzene	5	U		5	U				ug/L
1,3-Dichloropropane	5	U		5	U				ug/L
1,4-Dichlorobenzene	5	U		5	U				ug/L
2,2-Dichloropropane	5	U		5	U				ug/L
2-Butanone	100	U		100	U				ug/L
2-Chlorotoluene	5	U		5	U				ug/L
2-Hexanone	50	U		50	U				ug/L
4-Chlorotoluene	5	U		5	U				ug/L
4-Isopropyltoluene	5	U		5	U				ug/L
4-Methyl-2-pentanone	50	U		50	U				ug/L
Acetone	100	U		100	U				ug/L
Benzene	5	U		5	U				ug/L
Bromobenzene	5	U		5	U				ug/L
Bromochloromethane	5	U		5	U				ug/L
Bromodichloromethane	5	U		5	U				ug/L
Bromoform	5	U		5	U				ug/L
Bromomethane	5	U		5	U				ug/L
Carbon disulfide	5	U		5	U				ug/L
Carbon tetrachloride	5	U		5	U				ug/L
Chlorobenzene	5	U		5	U				ug/L
Chloroethane	5	U		5	U				ug/L
Chloroform	5	U		5	U				ug/L
Chloromethane	5	U		5	U				ug/L
cis-1,2-Dichloroethylene	1.5	J		1.52	J				ug/L
cis-1,3-Dichloropropylene	5	U		5	U				ug/L
Dibromochloromethane	5	U		5	U				ug/L
Dibromomethane	5	U		5	U				ug/L

SAMPLE MANAGEMENT SYSTEM

Validation Report: Field Duplicates

RIN: 07030755 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 5/1/2007

Duplicate: 9601 **Sample:** 601

Analyte	Sample Result	Sample Flag	Sample Error	Duplicate Result	Duplicate Flag	Duplicate Error	RPD	RER	Units
Dichlorodifluoromethane	5	U		5	U				ug/L
Ethylbenzene	5	U		5	U				ug/L
Hexachlorobutadiene	5	U		5	U				ug/L
Isopropylbenzene	5	U		5	U				ug/L
Methylene chloride	5	U		5	U				ug/L
Naphthalene	5	U		5	U				ug/L
n-Butylbenzene	5	U		5	U				ug/L
n-Propylbenzene	5	U		5	U				ug/L
Radium-226	0.838		0.402	0.26	U	0.271		2.3	pCi/L
Radium-228	0.546	U	0.492	0.298	U	0.381		0.8	pCi/L
sec-Butylbenzene	5	U		5	U				ug/L
Strontium-90	1.64		0.681	1.85		0.51		0.5	pCi/L
Styrene	5	U		5	U				ug/L
tert-Butylbenzene	5	U		5	U				ug/L
Tetrachloroethylene	10.6			10.7					ug/L
Toluene	5	U		5	U				ug/L
trans-1,2-Dichloroethylene	5	U		5	U				ug/L
trans-1,3-Dichloropropylene	5	U		5	U				ug/L
Trichloroethylene	5.08			5.27					ug/L
Trichlorofluoromethane	5	U		5	U				ug/L
Trichlorotrifluoroethane	5	U		5	U				ug/L
Tritium	117000		3060	115000		3000	1.72	0.9	pCi/L
Vinyl chloride	5	U		5	U				ug/L
Xylenes (total)	5	U		5	U				ug/L

SAMPLE MANAGEMENT SYSTEM

Metals Data Validation Worksheet

RIN: 07030755 **Lab Code:** GEN **Date Due:** 4/2/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 4/3/2007

Analyte	Date Analyzed	CALIBRATION						Method Blank	LCS %R	MS %R	MSD %R	Dup. RPD	ICSAB %R	Serial Dil. %R	CRI %R
		Int.	R^2	ICV	CCV	ICB	CCB								
Barium	03/13/2007							OK	104.0	104.0		2.0		5.6	
Chromium	03/13/2007							OK	101.0	102.0					
Nickel	03/13/2007							OK	102.0	100.0		8.0			
Sodium	03/13/2007							OK	103.0			2.0		4.8	

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 07030755 **Lab Code:** GEN **Date Due:** 4/2/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 4/3/2007

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								
0138	VOAs	03/08/2007					89.0	99.0	91.0	95.0				
0301	VOAs	03/08/2007					90.0	98.0	91.0	96.0				
0311	VOAs	03/08/2007					90.0	100.0	92.0	96.0				
0353	VOAs	03/08/2007					89.0	97.0	90.0	96.0				
0386	VOAs	03/08/2007					90.0	97.0	92.0	95.0				
0387	VOAs	03/08/2007					87.0	96.0	90.0	94.0				
0389	VOAs	03/08/2007					89.0	97.0	92.0	98.0				
0392	VOAs	03/08/2007					89.0	99.0	92.0	95.0				
0400	VOAs	03/08/2007					93.0	98.0	92.0	97.0				
0402	VOAs	03/08/2007					90.0	99.0	90.0	96.0				
0411	VOAs	03/08/2007					90.0	96.0	90.0	97.0				
0443	VOAs	03/08/2007					89.0	95.0	91.0	96.0				
0444	VOAs	03/08/2007					94.0	99.0	93.0	98.0				
0445	VOAs	03/08/2007					90.0	98.0	90.0	97.0				
0601	VOAs	03/08/2007					90.0	99.0	92.0	97.0				
0617	VOAs	03/08/2007					92.0	98.0	92.0	97.0				
0998	VOAs	03/08/2007					89.0	95.0	90.0	95.0				
1400	VOAs	03/08/2007					92.0	97.0	91.0	99.0				

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 07030755 **Lab Code:** GEN **Date Due:** 4/2/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 4/3/2007

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	03/08/2007					87.0	95.0	90.0	94.0	114.0			
LCS	Benzene	03/08/2007									91.0			
LCS	Chlorobenzene	03/08/2007									94.0			
LCS	Toluene	03/08/2007									94.0			
LCS	Trichloroethene	03/08/2007									97.0			
Method Blank	VOAs	03/08/2007					87.0	94.0	90.0	94.0				
MS	1,1-Dichloroethene	03/08/2007					91.0	95.0	94.0	97.0		116.0	114.0	1.00
MS	Benzene	03/08/2007										99.0	98.0	1.00
MS	Chlorobenzene	03/08/2007										99.0	95.0	5.00
MS	Toluene	03/08/2007										100.0	96.0	4.00
MS	Trichloroethene	03/08/2007										101.0	99.0	2.00
MSD	VOAs	03/08/2007					88.0	96.0	93.0	92.0				
P033	VOAs	03/08/2007					92.0	98.0	92.0	97.0				
0602	VOAs	03/09/2007					89.0	98.0	92.0	96.0				
0605	VOAs	03/09/2007					89.0	98.0	92.0	97.0				
0607	VOAs	03/09/2007					91.0	100.0	92.0	98.0				
0999	VOAs	03/09/2007					91.0	98.0	93.0	98.0				
LCS	1,1-Dichloroethene	03/09/2007					88.0	95.0	91.0	93.0	114.0			

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 07030755 **Lab Code:** GEN **Date Due:** 4/2/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 4/3/2007

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	03/09/2007					87.0	98.0	92.0	94.0	112.0			
LCS	Benzene	03/09/2007									94.0			
LCS	Benzene	03/09/2007									91.0			
LCS	Chlorobenzene	03/09/2007									93.0			
LCS	Chlorobenzene	03/09/2007									93.0			
LCS	Toluene	03/09/2007									94.0			
LCS	Toluene	03/09/2007									95.0			
LCS	Trichloroethene	03/09/2007									97.0			
LCS	Trichloroethene	03/09/2007									96.0			
Method Blank	VOAs	03/09/2007					87.0	95.0	91.0	93.0				
Method Blank	VOAs	03/09/2007					87.0	98.0	91.0	94.0				
MS	1,1-Dichloroethene	03/09/2007					86.0	99.0	93.0	94.0		110.0	110.0	0
MS	Benzene	03/09/2007										90.0	91.0	1.00
MS	Chlorobenzene	03/09/2007										90.0	91.0	0
MS	Toluene	03/09/2007										89.0	91.0	2.00
MS	Trichloroethene	03/09/2007										93.0	94.0	1.00
MSD	VOAs	03/09/2007					90.0	98.0	94.0	95.0				
0608	VOAs	03/12/2007					85.0	94.0	89.0	94.0				

SAMPLE MANAGEMENT SYSTEM
Radiochemistry Data Validation Worksheet

RIN: 07030755 **Lab Code:** GEN **Date Due:** 4/2/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 4/3/2007

Sample	Analyte	Date Analyzed	Result	Flag	Tracer %R	LCS %R	MS %R	Duplicate
Duplicate	Radium-226	03/13/2007						0.70
LCS	Radium-226	03/13/2007				100.0		
Method Blank	Radium-226	03/13/2007	0.2620	U				
MS	Radium-226	03/13/2007					97.0	
1400	Radium-228	03/13/2007			69.0			
0998	Radium-228	03/13/2007			58.0			
0402	Radium-228	03/13/2007			66.0			
P033	Radium-228	03/13/2007			67.0			
9601	Radium-228	03/13/2007			64.0			
0445	Radium-228	03/13/2007			64.0			
Duplicate	Radium-228	03/13/2007						1.00
0601	Radium-228	03/13/2007			62.0			
LCS	Radium-228	03/13/2007				119.0		
Method blank	Radium-228	03/13/2007	0.3040	U				
MS	Radium-228	03/13/2007					122.0	
0400	Radium-228	03/13/2007			72.0			
0601	Strontium-90	03/20/2007			93.0			
9601	Strontium-90	03/20/2007			94.0			
Duplicate	Strontium-90	03/20/2007						1.00
LCS	Strontium-90	03/20/2007				108.0		
Method Blank	Strontium-90	03/20/2007	0.2400	U				
MS	Strontium-90	03/20/2007					113.0	
Duplicate	Tritium	03/23/2007						0.40
LCS	Tritium	03/23/2007				95.0		
Method Blank	Tritium	03/23/2007	-54.9000	U				
MS	Tritium	03/23/2007					102.0	

SAMPLE MANAGEMENT SYSTEM

Inorganics Data Validation Worksheet

RIN: 07030755 **Lab Code:** GEN **Date Due:** 4/2/2007

Matrix: Water **Site Code:** MN03 **Date Completed:** 4/3/2007

Analyte	Date Analyzed	CALIBRATION						Method Blank	LCS %R	MS %R	MSD %R	DUP RPD	Serial Dil. %R
		Int.	R^2	ICV	CCV	ICB	CCB						
Chloride	03/22/2007							OK	95	110		1	
Chloride	03/22/2007									109		5	

Stoller
Legacy Management Team

Stoller • Battelle • Source One

Data Review and Validation Report

General Information

Requisition No. (RIN):	07050892
Sample Event:	May 15-17, 2007
Site(s):	Mound, Ohio
Laboratory:	GEL Laboratories, Charleston, SC
Work Order No.:	186320
Analysis:	Organics and Radiochemistry
Validator:	Steve Donivan
Review Date:	May 2, 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	LCS-A-001	EPA 906.0 Mod	EPA 906.0 Mod
Volatile Organics, VOA	VOA-A-009	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
186320-002	0301	Tritium	J	Less than 3 times the MDC
186320-004	Equip Blank	Tritium	J	Less than 3 times the MDC
186320-006	0605	Chloroform	U	Less than 5 times the trip blank
186320-012	0347	Chloroform	U	Less than 5 times the trip blank
186320-014	0334	Tritium	J	Less than 3 times the MDC

186320-016	0387	Chloroform	U	Less than 5 times the trip blank
186320-022	0126	Chloroform	U	Less than 5 times the trip blank
186320-023	0601	Radium-226	J	Less than 3 times the MDC

Sample Shipping/Receiving

GEL Laboratories, in Charleston, South Carolina, received 24 water samples under air bill number 8586 5453 6579 on May 19, 2007, 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 with the temperature within the chilled cooler of 4.0° C, which complies with requirements.. 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.

Equipment Blank

An equipment blank (998) was collected after completion of decontamination and prior to collection of environmental samples. These blanks are useful in documenting adequate decontamination of sampling equipment. Naphthalene was detected in the trip blank. Naphthalene was not detected in any of the samples.

Trip Blank

A trip blank (999) was collected to document contamination attributable to shipping and field handling procedures. This type of blank is useful in documenting contamination of volatile organic samples. Bromodichloromethane, bromoform, chloroform, chloromethane, and dibromochloromethane were detected in the trip blank. Sample results that are less than five times the trip blank results 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 and metals 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.

Metals Serial Dilution

Serial dilutions were prepared and analyzed for barium, chromium, nickel, and sodium to monitor chemical or physical interferences in the sample matrix. All of the serial dilution results met the acceptance criteria.

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).

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 locations 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.

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 exception for tritium for samples 0601, 0602, and 9601. The tritium concentrations in these samples were greater than five times the minimum detectable concentration.

Completeness

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

Electronic Data Deliverable File

The electronic data deliverable (EDD) file arrived on June 18, 2007. The Sample Management System EDD validation module was used to verify that the EDD file was complete and in compliance with requirements. The module compares the contents of the file to the requested analyses to ensure all and only the requested data are delivered. The contents of the EDD were manually examined to verify that the sample results accurately reflect the data contained in the sample data package.

Report Prepared By: _____

Laboratory Coordinator

SAMPLE MANAGEMENT SYSTEM

EDD Non-Conformance Report

Report Date: 7/10/2007

EDD File: \\condor\sms\07050892\07050892.txt

EDD Errors: 0

Record	Error Type	Field	Error Description
			NO ERRORS DETECTED

SAMPLE MANAGEMENT SYSTEM

General Data Validation Report

RIN: 07050892 **Lab Code:** GEN **Validator:** Steve Donivan **Validation Date:** 7/10/2007

Project: Mound LTS&M Ground Water **Analysis Type:** ☐ Metals ☐ General Chem ☑ Rad ☑ Organics

# 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

Select Quality Parameters

☑ Holding Times	All analyses were completed within the applicable holding times.
☑ Detection Limits	There are 3 detection limit failures.
☑ Field/Trip Blanks	There were 2 trip/equipment blanks evaluated.
☑ Field Duplicates	There was 1 duplicate evaluated.

SAMPLE MANAGEMENT SYSTEM

Non-Compliance Report: Detection Limits

RIN: 07050892 **Lab Code:** GEN

Project: Mound LTS&M Ground Water

Validation Date: 7/10/2007

Ticket	Location	Lab Sample ID	Method Code	Lab Method	Analyte Name	Result	Qualifier	Reported Detection Limit	Required Detection Limit	Units
FGX 450	601	186320023	LSC-A-001	EPA 906.0 Modified	Tritium	148000		452	400	pCi/L
FGX 467	602	186320005	LSC-A-001	EPA 906.0 Modified	Tritium	36600		445	400	pCi/L
FGX 471	9601	186320024	LSC-A-001	EPA 906.0 Modified	Tritium	148000		454	400	pCi/L

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07050892 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 7/10/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	186320004	EPA 8260B	Naphthalene	0.307	BJ	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
186320001	5	1	U		
186320002	5	1	U		
186320003	5	1	U		
186320005	5	1	U		
186320006	5	1	U		
186320007	5	1	U		
186320008	5	1	U		
186320009	5	1	U		
186320010	5	1	U		
186320011	5	1	U		
186320012	5	1	U		
186320013	5	1	U		
186320014	5	1	U		
186320015	5	1	U		
186320016	5	1	U		
186320017	5	1	U		
186320018	5	1	U		
186320020	5	1	U		
186320021	5	1	U		
186320022	5	1	U		
186320023	5	1	U		
186320024	5	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	186320004	EPA 906.0 Modified	Tritium	389		349	pCi/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
186320001	6810	1			
186320002	347	1		J	
186320003	1100	1		J	
186320005	36800	1			

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07050892 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 7/10/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	186320004		Tritium				

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
186320006	33400	1			
186320007	12200	1			
186320008	31200	1			
186320009	274	1	U		
186320010	1830	1		J	
186320011	1950	1			
186320012	13100	1			
186320013	150	1	U		
186320014	344	1		J	
186320023	146000	1			
186320024	148000	1			

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	186320019	EPA 8260B	Bromodichloromethane	2.93	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
186320001	5	1	U		
186320002	5	1	U		
186320003	5	1	U		
186320005	5	1	U		
186320006	5	1	U		
186320007	5	1	U		
186320008	5	1	U		
186320009	5	1	U		
186320010	5	1	U		
186320011	5	1	U		
186320012	5	1	U		
186320013	5	1	U		
186320014	5	1	U		
186320015	5	1	U		
186320016	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07050892 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 7/10/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	186320019		Bromodichloromethane				

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
186320017	5	1	U		
186320018	5	1	U		
186320020	5	1	U		
186320021	5	1	U		
186320022	5	1	U		
186320023	5	1	U		
186320024	5	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	186320019	EPA 8260B	Bromoform	2.31	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
186320001	5	1	U		
186320002	5	1	U		
186320003	5	1	U		
186320005	5	1	U		
186320006	5	1	U		
186320007	5	1	U		
186320008	5	1	U		
186320009	5	1	U		
186320010	5	1	U		
186320011	5	1	U		
186320012	5	1	U		
186320013	5	1	U		
186320014	5	1	U		
186320015	5	1	U		
186320016	5	1	U		
186320017	5	1	U		
186320018	5	1	U		
186320020	5	1	U		
186320021	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07050892 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 7/10/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	186320019		Bromoform				

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
186320022	5	1	U		
186320023	5	1	U		
186320024	5	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	186320019	EPA 8260B	Chloroform	9.13		5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
186320001	5	1	U		
186320002	5	1	U		
186320003	5	1	U		
186320005	5	1	U		
186320006	0.417	1	J	U	
186320007	5	1	U		
186320008	5	1	U		
186320009	5	1	U		
186320010	5	1	U		
186320011	5	1	U		
186320012	0.319	1	J	U	
186320013	5	1	U		
186320014	5	1	U		
186320015	5	1	U		
186320016	0.273	1	J	U	
186320017	5	1	U		
186320018	5	1	U		
186320020	5	1	U		
186320021	5	1	U		
186320022	0.341	1	J	U	
186320023	5	1	U		
186320024	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07050892 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 7/10/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	186320019	EPA 8260B	Chloromethane	0.668	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
186320001	5	1	U		
186320002	5	1	U		
186320003	5	1	U		
186320005	5	1	U		
186320006	5	1	U		
186320007	5	1	U		
186320008	5	1	U		
186320009	5	1	U		
186320010	5	1	U		
186320011	5	1	U		
186320012	5	1	U		
186320013	5	1	U		
186320014	5	1	U		
186320015	5	1	U		
186320016	5	1	U		
186320017	5	1	U		
186320018	5	1	U		
186320020	5	1	U		
186320021	5	1	U		
186320022	5	1	U		
186320023	5	1	U		
186320024	5	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	186320019	EPA 8260B	Dibromochloromethane	1.36	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
186320001	5	1	U		
186320002	5	1	U		
186320003	5	1	U		
186320005	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07050892 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 7/10/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	186320019		Dibromochloromethane				

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
186320006	5	1	U		
186320007	5	1	U		
186320008	5	1	U		
186320009	5	1	U		
186320010	5	1	U		
186320011	5	1	U		
186320012	5	1	U		
186320013	5	1	U		
186320014	5	1	U		
186320015	5	1	U		
186320016	5	1	U		
186320017	5	1	U		
186320018	5	1	U		
186320020	5	1	U		
186320021	5	1	U		
186320022	5	1	U		
186320023	5	1	U		
186320024	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Field Duplicates

RIN: 07050892 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 7/10/2007

Duplicate: 9601 **Sample:** 601

Analyte	Sample Result	Sample Flag	Sample Error	Duplicate Result	Duplicate Flag	Duplicate Error	RPD	RER	Units
1,1,1,2-Tetrachloroethane	5	U		5	U				ug/L
1,1,1-Trichloroethane	5	U		5	U				ug/L
1,1,2,2-Tetrachloroethane	5	U		5	U				ug/L
1,1,2-Trichloroethane	5	U		5	U				ug/L
1,1-Dichloroethane	5	U		5	U				ug/L
1,1-Dichloroethylene	5	U		5	U				ug/L
1,1-Dichloropropene	5	U		5	U				ug/L
1,2,3-Trichlorobenzene	5	U		5	U				ug/L
1,2,3-Trichloropropane	5	U		5	U				ug/L
1,2,4-Trichlorobenzene	5	U		5	U				ug/L
1,2,4-Trimethylbenzene	5	U		5	U				ug/L
1,2-Dibromo-3-chloropropane	5	U		5	U				ug/L
1,2-Dibromoethane	5	U		5	U				ug/L
1,2-Dichlorobenzene	5	U		5	U				ug/L
1,2-Dichloroethane	5	U		5	U				ug/L
1,2-Dichloropropane	5	U		5	U				ug/L
1,3,5-Trimethylbenzene	5	U		5	U				ug/L
1,3-Dichlorobenzene	5	U		5	U				ug/L
1,3-Dichloropropane	5	U		5	U				ug/L
1,4-Dichlorobenzene	5	U		5	U				ug/L
2,2-Dichloropropane	5	U		5	U				ug/L
2-Butanone	100	U		100	U				ug/L
2-Chlorotoluene	5	U		5	U				ug/L
2-Hexanone	50	U		50	U				ug/L
4-Chlorotoluene	5	U		5	U				ug/L
4-Isopropyltoluene	5	U		5	U				ug/L
4-Methyl-2-pentanone	50	U		50	U				ug/L
Acetone	100	U		100	U				ug/L
Benzene	5	U		5	U				ug/L
Bromobenzene	5	U		5	U				ug/L
Bromochloromethane	5	U		5	U				ug/L
Bromodichloromethane	5	U		5	U				ug/L
Bromoform	5	U		5	U				ug/L
Bromomethane	5	U		5	U				ug/L
Carbon disulfide	5	U		5	U				ug/L
Carbon tetrachloride	5	U		5	U				ug/L
Chlorobenzene	5	U		5	U				ug/L
Chloroethane	5	U		5	U				ug/L
Chloroform	5	U		5	U				ug/L
Chloromethane	5	U		5	U				ug/L

SAMPLE MANAGEMENT SYSTEM

Validation Report: Field Duplicates

RIN: 07050892 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 7/10/2007

Duplicate: 9601 **Sample:** 601

Analyte	Sample Result	Sample Flag	Sample Error	Duplicate Result	Duplicate Flag	Duplicate Error	RPD	RER	Units
cis-1,2-Dichloroethylene	0.894	J		0.941	J				ug/L
cis-1,3-Dichloropropylene	5	U		5	U				ug/L
Dibromochloromethane	5	U		5	U				ug/L
Dibromomethane	5	U		5	U				ug/L
Dichlorodifluoromethane	5	U		5	U				ug/L
Ethylbenzene	5	U		5	U				ug/L
Hexachlorobutadiene	5	U		5	U				ug/L
Isopropylbenzene	5	U		5	U				ug/L
Methylene chloride	5	U		5	U				ug/L
Naphthalene	5	U		5	U				ug/L
n-Butylbenzene	5	U		5	U				ug/L
n-Propylbenzene	5	U		5	U				ug/L
Radium-226	0.532		0.352	0.273	U	0.302		1.1	pCi/L
Radium-228	-0.204	U	0.411	0.208	U	0.398		1.4	pCi/L
sec-Butylbenzene	5	U		5	U				ug/L
Strontium-90	2.81		0.811	3.46		0.961		1.0	pCi/L
Styrene	5	U		5	U				ug/L
tert-Butylbenzene	5	U		5	U				ug/L
Tetrachloroethylene	12.2			12.1					ug/L
Toluene	5	U		5	U				ug/L
trans-1,2-Dichloroethylene	5	U		5	U				ug/L
trans-1,3-Dichloropropylene	5	U		5	U				ug/L
Trichloroethylene	6.32			6.19					ug/L
Trichlorofluoromethane	5	U		5	U				ug/L
Trichlorotrifluoroethane	5	U		5	U				ug/L
Tritium	146000		3810	148000		3870	1.36	0.7	pCi/L
Vinyl chloride	5	U		5	U				ug/L
Xylenes (total)	5	U		5	U				ug/L

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 07050892 **Lab Code:** GEN **Date Due:** 6/18/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 6/18/2007

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								
FGX 443	VOAs	05/26/2007					84.0	90.0	90.0	89.0				
FGX 444	VOAs	05/26/2007					82.0	93.0	90.0	90.0				
FGX 447	VOAs	05/26/2007					82.0	92.0	90.0	90.0				
FGX 448	VOAs	05/26/2007					82.0	93.0	89.0	89.0				
FGX 449	VOAs	05/26/2007					83.0	92.0	90.0	89.0				
FGX 475	VOAs	05/26/2007					83.0	93.0	90.0	89.0				
FGX 480	VOAs	05/26/2007					83.0	92.0	90.0	90.0				
FGX 482	VOAs	05/26/2007					82.0	91.0	90.0	89.0				
FGX 483	VOAs	05/26/2007					84.0	93.0	92.0	90.0				
LCS	1,1-Dichloroethene	05/26/2007					84.0	89.0	90.0	89.0	101.0			
LCS	Benzene	05/26/2007									95.0			
LCS	Chlorobenzene	05/26/2007									95.0			
LCS	Toluene	05/26/2007									95.0			
LCS	Trichloroethene	05/26/2007									97.0			
Method Blank	VOAs	05/26/2007					84.0	91.0	90.0	89.0				
MS	1,1-Dichloroethene	05/26/2007					84.0	92.0	91.0	89.0		107.0	106.0	1.00
MS	Benzene	05/26/2007										103.0	102.0	1.00
MS	Chlorobenzene	05/26/2007										103.0	102.0	1.00

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: D7050892 **Lab Code:** GEN **Date Due:** 6/18/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 6/18/2007

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	Toluene	05/26/2007										101.0	101.0	0
MS	Trichloroethene	05/26/2007										103.0	102.0	1.00
MSD	VOAs	05/26/2007					86.0	90.0	91.0	90.0				
FGX 445	VOAs	05/27/2007					84.0	93.0	92.0	91.0				
FGX 446	VOAs	05/27/2007					83.0	92.0	89.0	89.0				
FGX 450	VOAs	05/27/2007					83.0	93.0	90.0	91.0				
FGX 465	VOAs	05/27/2007					88.0	91.0	90.0	89.0				
FGX 466	VOAs	05/27/2007					85.0	94.0	92.0	92.0				
FGX 467	VOAs	05/27/2007					87.0	91.0	89.0	89.0				
FGX 468	VOAs	05/27/2007					85.0	92.0	90.0	88.0				
FGX 469	VOAs	05/27/2007					87.0	92.0	92.0	90.0				
FGX 470	VOAs	05/27/2007					87.0	93.0	92.0	90.0				
FGX 471	VOAs	05/27/2007					83.0	94.0	91.0	90.0				
FGX 476	VOAs	05/27/2007					84.0	91.0	90.0	88.0				
FGX 477	VOAs	05/27/2007					85.0	93.0	91.0	89.0				
FGX 478	VOAs	05/27/2007					83.0	93.0	90.0	90.0				
FGX 479	VOAs	05/27/2007					84.0	93.0	91.0	91.0				
FGX 481	VOAs	05/27/2007					83.0	92.0	90.0	91.0				

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 07050892 **Lab Code:** GEN **Date Due:** 6/18/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 6/18/2007

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	05/27/2007					86.0	92.0	90.0	90.0	109.0			
LCS	Benzene	05/27/2007									100.0			
LCS	Chlorobenzene	05/27/2007									102.0			
LCS	Toluene	05/27/2007									102.0			
LCS	Trichloroethene	05/27/2007									103.0			
Method Blank	VOAs	05/27/2007					86.0	92.0	88.0	90.0				
MS	1,1-Dichloroethene	05/27/2007					88.0	90.0	92.0	90.0		109.0	108.0	1.00
MS	Benzene	05/27/2007										102.0	103.0	0
MS	Chlorobenzene	05/27/2007										103.0	102.0	1.00
MS	Toluene	05/27/2007										104.0	102.0	1.00
MS	Trichloroethene	05/27/2007										103.0	101.0	2.00
MSD	1,1-Dichloroethene	05/27/2007					89.0	92.0	91.0	91.0				

SAMPLE MANAGEMENT SYSTEM
Radiochemistry Data Validation Worksheet

RIN: 07050892 **Lab Code:** GEN **Date Due:** 6/18/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 6/18/2007

Sample	Analyte	Date Analyzed	Result	Flag	Tracer %R	LCS %R	MS %R	Duplicate
Duplicate	Radium-226	05/24/2007						0.40
Duplicate	Radium-226	05/24/2007						1.40
LCS	Radium-226	05/24/2007				92.0		
Method Blank	Radium-226	05/24/2007	0.3100	U				
MS	Radium-226	05/24/2007					90.0	
MS	Radium-226	05/24/2007					117.0	
FGX 450	Radium-228	05/24/2007			68.0			
FGX 471	Radium-228	05/24/2007			81.0			
LCS	Radium-228	05/24/2007				117.0		
Method Blank	Radium-228	05/24/2007	-0.0309	U				
Duplicate	Radium-228	05/24/2007						2.30
MS	Radium-228	05/24/2007					123.0	
Duplicate	Strontium-90	06/02/2007						0.90
LCS	Strontium-90	06/02/2007				91.0		
FGX 450	Strontium-90	06/02/2007			90.0			
FGX 471	Strontium-90	06/02/2007			91.0			
Method Blank	Strontium-90	06/02/2007	0.0276	U				
MS	Strontium-90	06/02/2007					104.0	
Duplicate	Tritium	05/30/2007						0.30
LCS	Tritium	05/30/2007				95.0		
Method Blank	Tritium	05/30/2007	84.5000	U				
MS	Tritium	05/30/2007					95.0	

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Data Review and Validation Report

General Information

Requisition No. (RIN):	07081116
Sample Event:	August 16-20, 2007
Site(s):	Mound, Ohio
Laboratory:	GEL Laboratories, Charleston, South Carolina
Work Order No.:	191961
Analysis:	Organics and Radiochemistry
Validator:	Steve Donivan
Review Date:	October 30, 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
Tritium	LCS-A-001	EPA 906.0 Mod	EPA 906.0 Mod
Volatile Organics, VOAs	VOA-A-007	SW-846 5030B	SW-846 8260B LL

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
191961-001	0118	1,4-Dichlorobenzene	U	Less than 5 times the method blank
191961-001	0118	Tritium	J	Less than 3 times the MDC
191961-002	0124	1,4-Dichlorobenzene	U	Less than 5 times the method blank
191961-002	0124	Methylene chloride	U	Less than 10 times the trip blank
191961-003	0126	Chloroform	U	Less than 5 times the equipment blank
191961-004	0138	1,4-Dichlorobenzene	U	Less than 5 times the method blank
191961-005	0301	1,4-Dichlorobenzene	U	Less than 5 times the method blank
191961-006	0311	1,4-Dichlorobenzene	U	Less than 5 times the method blank
191961-006	0311	Methylene chloride	U	Less than 10 times the trip blank

Sample Number	Location	Analyte(s)	Flag	Reason
191961-009	0334	Methylene chloride	U	Less than 10 times the trip blank
191961-009	0334	Tritium	J	Less than 3 times the MDC
191961-010	0346	Methylene chloride	U	Less than 10 times the trip blank
191961-011	0347	Chloroform	U	Less than 5 times the equipment blank
191961-014	0387	Methylene chloride	U	Less than 10 times the trip blank
191961-017	Equip. Blank	1,4-Dichlorobenzene	U	Less than 5 times the method blank
191961-018	Trip Blank	1,4-Dichlorobenzene	U	Less than 5 times the method blank

Sample Shipping/Receiving

GEL Laboratories, in Charleston, South Carolina, received 18 water samples under air bill number 8586 5453 6708 on August 21, 2007, 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. The Analysis Confirmation Form listed an incorrect service level; the laboratory provided the correct service level.

Preservation and Holding Times

The sample shipment was received cool and intact with the temperature within the chilled cooler of 4 °C, which complies with requirements. 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 reported 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

1,4-Dichlorobenzene was detected in the volatile method blank analyzed on August 27, 2007, at a concentration above the method detection limit. Samples associated with this blank with results less than five times the blank are qualified with a "U" flag (not detected). The tritium method blank result was below the MDC.

Equipment Blank

An equipment blank (0998) was collected to document contamination attributable to sampling equipment and sample collection activities. Carbon disulfide and chloroform were detected in the

equipment blank. Sample results that are less than five times the equipment blank results are qualified with a "U" flag as not detected.

Trip Blank

A trip blank (0999) was collected to document contamination attributable to shipping and field handling procedures. This type of blank is useful in documenting contamination of volatile organic samples. Bromodichloromethane, bromoform, chloroform, chloromethane, dibromochloromethane, and methylene chloride were detected in the trip blank. Sample results that are less than five times the trip blank results 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 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 matrix spike replicates for VOAs were less than 20 percent, indicating acceptable precision. The radiochemical relative error ratio (calculated using the 1-sigma total propagated uncertainty) was less than 3.0 for all sample replicates.

Laboratory Control Sample

Laboratory control samples (LCSs) 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.

Completeness

Results were reported in the correct units for all analytes requested using contract-required laboratory qualifiers. The laboratory did not report results for 1,1,2-trichloro-1,2,2-trifluoroethane. The laboratory no longer performs this measurement.

Electronic Data Deliverable File

The electronic data deliverable (EDD) file arrived on September 18, 2007. The Sample Management System EDD validation module was used to verify that the EDD file was complete and in compliance with requirements. The module compares the contents of the file to the requested analyses to ensure all and only the requested data are delivered. The contents of the EDD were manually examined to verify that the sample results accurately reflect the data contained in the sample data package.

Outliers Report

Potential outliers are measurements that are extremely large or small relative to the rest of the data and, therefore, are suspected of misrepresenting the population from which they were collected. Potential outliers may result from transcription errors, data-coding errors, or measurement system problems. However, outliers may also represent true extreme values of a distribution and indicate more variability in the population than was expected.

Statistical outlier tests give probabilistic evidence that an extreme value does not "fit" with the distribution of the remainder of the data and is therefore a statistical outlier. These tests should only be used to identify data points that require further investigation. The tests alone cannot determine whether a statistical outlier should be discarded or corrected within a data set.

There are three steps involved in identifying extreme values or outliers:

1. Identify extreme values that may be potential outliers by generating the Outliers Report using the Sample Management System from data in the SEEPro database. The application compares the new data set with historical data and lists all new data that fall outside the historical data range. Data listed in the report are highlighted if the concentration detected is not within 50 percent of historical minimum or maximum values. A determination is also made if the data are normally distributed using the Studentized Range Test.
2. Apply the appropriate statistical test. Dixon's Extreme Value test is used to test for statistical outliers when the sample size is less than or equal to 25. This test considers both extreme values that are much smaller than the rest of the data (case 1) and extreme values that are much larger than the rest of the data (case 2). This test is valid only if the data without the suspected outlier are normally distributed. Rosner's Test is a parametric test that is used to detect outliers for sample sizes of 25 or more. This test also assumes that the data without the suspected outliers are normally distributed.
3. Scientifically review statistical outliers and decide on their disposition.

The trichloroethene result for location 0305 exceeded historical ranges. The data associated with this result were further reviewed. There were no errors noted and the data for this RIN are acceptable as qualified.

Report Prepared By: _____

Steve Donivan, Laboratory Coordinator

Data Validation Outliers Report - No Field Parameters
Laboratory: GENERAL ENGINEERING (Charleston, SC)
RIN: 07081116
Comparison: All Historical Data
Report Date: 10/31/2007

Site Code	Location Code	Sample Date	Analyte	Current Result	Current Qualifiers Lab	Current Qualifiers Data	Historical Maximum Result	Historical Maximum Qualifiers Lab	Historical Maximum Qualifiers Data	Historical Minimum Result	Historical Minimum Qualifiers Lab	Historical Minimum Qualifiers Data	Count N	Count N Below Detect	Normally Distributed	Statistical Outlier
MND01	0301	08/20/2007	Total Xylenes	0.275	J		5	U	U	1	U	U	13	13	No	No
MND01	0333	08/20/2007	Trichloroethene	0.258	J		5	U		0.284	J		9	7	Yes	No
MND01	0346	08/16/2007	Acetone	100	U		20	U	U	1.27	J		7	4	No	Yes
MND01	0379	08/16/2007	Tetrachloroethene	0.278	J		4.8		J	0.3	U		31	4	Yes	No

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.
- L Less than 3 bore volumes purged prior to sampling.
- U Parameter analyzed for but was not detected.
- G Possible grout contamination, pH > 9.
- Q Qualitative result due to sampling technique.
- X Location is undefined.
- J Estimated value.
- R Unusable result.

STATISTICAL TESTS:
The distribution of the data is tested for normality using the Studentized Range Test.
Outliers are identified using Dixon's Test when there are 25 or fewer data points.
Outliers are identified using Rosner's Test when there are 26 or more data points.
See Data Quality Assessment: Statistical Methods for Practitioners, EPA QC/G-9S, February 2006.

SAMPLE MANAGEMENT SYSTEM

EDD Non-Conformance Report

Report Date: 10/30/200

EDD File: \\condor\sms\07081116\07081116.txt

EDD Errors: 0

Record	Error Type	Field	Error Description
			NO ERRORS DETECTED

SAMPLE MANAGEMENT SYSTEM

General Data Validation Report

RIN: 07081116 **Lab Code:** GEN **Validator:** Steve Donovan **Validation Date:** 10/30/2007

Project: Mound LTS&M Ground Water **Analysis Type:** ☐ Metals ☐ General Chem ☑ Rad ☑ Organics

# of Samples: 18 **Matrix:** WATER **Requested Analysis Completed:** Yes

Chain of Custody

Present: OK **Signed:** OK **Dated:** OK

Sample

Integrity: OK **Preservation:** OK **Temperature:** OK

Select Quality Parameters

☑ Holding Times	All analyses were completed within the applicable holding times.
☑ Detection Limits	The reported detection limits are equal to or below contract requirements
☑ Field/Trip Blanks	There were 2 trip/equipment blanks evaluated
☐ Field Duplicates	

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07081116 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 10/31/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	191961017	EPA 8260B	Carbon disulfide	3.44	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
191961001	5	1	U		
191961002	5	1	U		
191961003	5	1	U		
191961004	5	1	U		
191961005	5	1	U		
191961006	5	1	U		
191961007	5	1	U		
191961008	5	1	U		
191961009	5	1	U		
191961010	5	1	U		
191961011	5	1	U		
191961012	5	1	U		
191961013	5	1	U		
191961014	5	1	U		
191961015	5	1	U		
191961016	5	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	191961017	EPA 8260B	Chloroform	0.578	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
191961001	5	1	U		
191961002	5	1	U		
191961003	0.365	1	J	U	
191961004	5	1	U		
191961005	5	1	U		
191961006	5	1	U		
191961007	5	1	U		
191961008	5	1	U		
191961009	5	1	U		
191961010	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07081116 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 10/31/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	191961017		Chloroform				

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
191961011	0.546	1	J	U	
191961012	5	1	U		
191961013	5	1	U		
191961014	5	1	U		
191961015	5	1	U		
191961016	5	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	191961018	EPA 8260B	Bromodichloromethane	2.44	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
191961001	5	1	U		
191961002	5	1	U		
191961003	5	1	U		
191961004	5	1	U		
191961005	5	1	U		
191961006	5	1	U		
191961007	5	1	U		
191961008	5	1	U		
191961009	5	1	U		
191961010	5	1	U		
191961011	5	1	U		
191961012	5	1	U		
191961013	5	1	U		
191961014	5	1	U		
191961015	5	1	U		
191961016	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07081116 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 10/31/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	191961018		Chloroform				

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
191961011	0.546	1	J	U	
191961012	5	1	U		
191961013	5	1	U		
191961014	5	1	U		
191961015	5	1	U		
191961016	5	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	191961018	EPA 8260B	Chloromethane	2.08	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
191961001	5	1	U		
191961002	5	1	U		
191961003	5	1	U		
191961004	5	1	U		
191961005	5	1	U		
191961006	5	1	U		
191961007	5	1	U		
191961008	5	1	U		
191961009	5	1	U		
191961010	5	1	U		
191961011	5	1	U		
191961012	5	1	U		
191961013	5	1	U		
191961014	5	1	U		
191961015	5	1	U		
191961016	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07081116 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 10/31/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	191961018	EPA 8260B	Dibromochloromethane	1.32	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
191961001	5	1	U		
191961002	5	1	U		
191961003	5	1	U		
191961004	5	1	U		
191961005	5	1	U		
191961006	5	1	U		
191961007	5	1	U		
191961008	5	1	U		
191961009	5	1	U		
191961010	5	1	U		
191961011	5	1	U		
191961012	5	1	U		
191961013	5	1	U		
191961014	5	1	U		
191961015	5	1	U		
191961016	5	1	U		

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	191961018	EPA 8260B	Methylene chloride (Lab Contaminant)	2.16	J	5	ug/L

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
191961001	5	1	U		
191961002	3.73	1	J	U	
191961003	5	1	U		
191961004	5	1	U		
191961005	5	1	U		
191961006	4.43	1	J	U	
191961007	5	1	U		
191961008	5	1	U		
191961009	2.01	1	J	U	
191961010	2.3	1	J	U	

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07081116 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 10/31/2007

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	191961018		Methylene chloride (Lab Contaminant)				

Sample ID	Result	Dilution Factor	Lab Qualifier	Validation Qualifier	Comment
191961011	5	1	U		
191961012	5	1	U		
191961013	5	1	U		
191961014	2.97	1	J	U	
191961015	5	1	U		
191961016	5	1	U		

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 07081116 **Lab Code:** GEN **Date Due:** 9/21/2007

Matrix: Water **Site Code:** MN03 **Date Completed:** 9/21/2007

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	08/31/2007					96.0	106.0	104.0	103.0	108			
LCS	Benzene	08/31/2007									110			
LCS	Chlorobenzene	08/31/2007									103			
LCS	Toluene	08/31/2007									95			
LCS	Trichloroethene	08/31/2007									108			
Method Blank	VOAs	08/31/2007					99.0	102.0	109.0	108.0				

SAMPLE MANAGEMENT SYSTEM
Radiochemistry Data Validation Worksheet

RIN: 07081116 **Lab Code:** GEN **Date Due:** 9/21/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 9/21/2007

Sample	Analyte	Date Analyzed	Result	Flag	Tracer %R	LCS %R	MS %R	Duplicate
Duplicate	Tritium	09/04/2007						0.20
LCS	Tritium	09/04/2007				92.0		
Method blank	Tritium	09/04/2007	31.3000	U				
MS	Tritium	09/04/2007					90.0	

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Data Review and Validation Report

General Information

Requisition No. (RIN):	07111279
Sample Event:	November 27-29, 2007
Site(s):	Mound, Ohio
Laboratory:	GEL Laboratories, Charleston, South Carolina
Work Order No.:	198558
Analysis:	Organics and Radiochemistry
Validator:	Gretchen Baer
Review Date:	January 11, 2008

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	LCS-A-001	EPA 906.0 Mod	EPA 906.0 Mod
Volatile Organics, VOA	VOA-A-009	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
198558-003	0126	Chloroform	U	Less than 5 times the equipment blank
198558-006	0311	Chloroform	U	Less than 5 times the equipment blank
198558-014	0387	Chloroform	U	Less than 5 times the equipment blank
198558-016	0392	Carbon disulfide	U	Less than 5 times the equipment blank
198558-017	0601	Radium-226	J	Less than 3 times the MDC
198558-017	0601	Strontium-90	J	Less than 3 times the MDC
198558-019	0605	Chloroform	U	Less than 5 times the equipment blank
198558-021	0608	Carbon disulfide	U	Less than 5 times the equipment blank
198558-024	9601 (0601 dup)	Radium-226	J	Less than 3 times the MDC
198558-024	9601 (0601 dup)	Strontium-90	J	Less than 3 times the MDC

Sample Shipping/Receiving

GEL Laboratories, in Charleston, South Carolina, received 24 water samples on December 1, 2007, 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 FMQ 438, FMQ 429, FMQ 425, and FMQ 428 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 with the temperature within the chilled cooler of 3 °C, which complies with requirements. 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.

Equipment Blank

An equipment blank was collected after completion of decontamination and prior to collection of environmental samples. These blanks are useful in documenting adequate decontamination of

sampling equipment. Bromodichloromethane, bromoform, carbon disulfide, chloroform, and dibromochloromethane were detected in the equipment blank. Sample results for these compounds that are less than five times the equipment blank concentration are qualified with a "U" flag as not detected.

Trip Blank

A trip blank was collected to document contamination attributable to shipping and field handling procedures. This type of blank is useful in documenting contamination of volatile organic samples. Bromodichloromethane, bromoform, 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 as a measure of method performance in the sample matrix. The tritium MS result was not evaluated because the concentration of the unspiked sample was greater than four times the spike concentration. The MS and MSD met the acceptance for all analytes evaluated.

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 (LCSs) 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).

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 non-radiochemical duplicate results were acceptable, meeting the Environmental Protection Agency (EPA) recommended laboratory duplicate criteria of less than 20 percent relative difference for results that are greater than five times the practical quantitation limit. The radiochemical duplicate results were acceptable with relative error ratios (calculated using the 1-sigma total propagated uncertainty) of less than three.

Detection Limits/Dilutions

No dilutions were required for sample analysis. The required detection limits were met for all analytes.

Completeness

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

Electronic Data Deliverable (EDD) File

The EDD file arrived on December 28, 2007. The Sample Management System EDD validation module was used to verify that the EDD file was complete and in compliance with requirements. The module compares the contents of the file to the requested analyses to ensure all and only the requested data are delivered. The contents of the EDD were manually examined to verify that the sample results accurately reflect the data contained in the sample data package.

Outliers Report

Potential outliers are measurements that are extremely large or small relative to the rest of the data and, therefore, are suspected of misrepresenting the population from which they were collected. Potential outliers may result from transcription errors, data-coding errors, or measurement system problems. However, outliers may also represent true extreme values of a distribution and indicate more variability in the population than was expected.

Statistical outlier tests give probabilistic evidence that an extreme value does not "fit" with the distribution of the remainder of the data and is therefore a statistical outlier. These tests should only be used to identify data points that require further investigation. The tests alone cannot determine whether a statistical outlier should be discarded or corrected within a data set.

There are three steps involved in identifying extreme values or outliers:

1. Identify extreme values that may be potential outliers by generating the Outliers Report using the Sample Management System from data in the SEEPro database. The application compares the new data set with historical data and lists all new data that fall outside the historical data range. Data listed in the report are highlighted if the concentration detected is not within 50 percent of historical minimum or maximum values. A determination is also made if the data are normally distributed using the Studentized Range Test.
2. Apply the appropriate statistical test. Dixon's Extreme Value test is used to test for statistical outliers when the sample size is less than or equal to 25. This test considers both extreme values that are much smaller than the rest of the data (case 1) and extreme values that are much larger than the rest of the data (case 2). This test is valid only if the data without the suspected outlier are normally distributed. Rosner's Test is a parametric test that is used to detect outliers for sample sizes of 25 or more. This test also assumes that the data without the suspected outliers are normally distributed.

3. Scientifically review statistical outliers and decide on their disposition.

No values from this sampling event were identified as potential outliers. The data for this RIN are acceptable as qualified.

Report Prepared By: _____

Gretchen Baer, Data Validator

Data Validation Outliers Report - No Field Parameters
Laboratory: GENERAL ENGINEERING (Charleston, SC)
RIN: 07111279
Comparison: All Historical Data
Report Date: 2/8/2008

				Current			Historical Maximum			Historical Minimum			Count		Normally Distributed	Statistical Outlier
					Qualifiers			Qualifiers			Qualifiers					
Site Code	Location Code	Sample Date	Analyte	Result	Lab	Data	Result	Lab	Data	Result	Lab	Data	N	N Below Detect		
MND01	0301	11/28/2007	Ethylbenzene	0.275	J		5	U	U	0.5	U		15	15	No	No
MND01	0347	11/27/2007	Trichloroethene	0.431	J		33.2			5.3			37	0	Yes	No
MND01	0386	11/27/2007	1,4-Dichlorobenzene	0.256	J		11	U	U	0.316	J		28	24	Yes	No
MND01	0386	11/27/2007	Trichloroethene	0.345	J		11			1.49	J		28	0	Yes	No

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.
- L Less than 3 bore volumes purged prior to sampling.
- U Parameter analyzed for but was not detected.
- G Possible grout contamination, pH > 9.
- Q Qualitative result due to sampling technique.
- X Location is undefined.
- J Estimated value.
- R Unusable result.

STATISTICAL TESTS:
The distribution of the data is tested for normality using the Studentized Range Test
Outliers are identified using Dixon's Test when there are 25 or fewer data points.
Outliers are identified using Rosner's Test when there are 26 or more data points.
See Data Quality Assessment: Statistical Methods for Practitioners, EPA QC/G-9S, February 2006.

SAMPLE MANAGEMENT SYSTEM

EDD Non-Conformance Report

Report Date: 1/11/2008

EDD File: \\condor\sms\07111279\07111279.txt

EDD Errors: 0

Record	Error Type	Field	Error Description
			NO ERRORS DETECTED

SAMPLE MANAGEMENT SYSTEM

General Data Validation Report

RIN: 07111279 **Lab Code:** GEN **Validator:** Gretchen Baer **Validation Date:** 1/11/2006

Project: Mound LTS&M Ground Water **Analysis Type:** ☐ Metals ☐ General Chem ☑ Rad ☑ Organics

# 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

Select Quality Parameters

☑ Holding Times	All analyses were completed within the applicable holding times.
☑ Detection Limits	The reported detection limits are equal to or below contract requirements.
☑ Field/Trip Blanks	There were 2 trip/equipment blanks evaluated.
☑ Field Duplicates	There was 1 duplicate evaluated.

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07111279 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 1/11/2008

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	198558022	EPA 8260B	Bromodichloromethane	0.477	J	5	ug/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558001	FMQ 425	118	5	1	U	
198558002	FMQ 432	124	5	1	U	
198558003	FMQ 433	126	5	1	U	
198558004	FMQ 416	138	5	1	U	
198558005	FMQ 421	301	5	1	U	
198558006	FMQ 422	311	5	1	U	
198558007	FMQ 431	315	5	1	U	
198558008	FMQ 429	333	5	1	U	
198558009	FMQ 430	334	5	1	U	
198558010	FMQ 426	346	5	1	U	
198558011	FMQ 428	347	5	1	U	
198558012	FMQ 427	379	5	1	U	
198558013	FMQ 417	386	5	1	U	
198558014	FMQ 418	387	5	1	U	
198558015	FMQ 419	389	5	1	U	
198558016	FMQ 420	392	5	1	U	
198558017	FMQ 438	601	5	1	U	
198558018	FMQ 434	602	5	1	U	
198558019	FMQ 435	605	5	1	U	
198558020	FMQ 436	607	5	1	U	
198558021	FMQ 437	608	5	1	U	
198558024	FMQ 439	9601	5	1	U	

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	198558022	EPA 8260B	Bromoform	0.32	J	5	ug/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558001	FMQ 425	118	5	1	U	
198558002	FMQ 432	124	5	1	U	
198558003	FMQ 433	126	5	1	U	

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07111279 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 1/11/2008

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	198558022		Bromoform				

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558004	FMQ 416	138	5	1	U	
198558005	FMQ 421	301	5	1	U	
198558006	FMQ 422	311	5	1	U	
198558007	FMQ 431	315	5	1	U	
198558008	FMQ 429	333	5	1	U	
198558009	FMQ 430	334	5	1	U	
198558010	FMQ 426	346	5	1	U	
198558011	FMQ 428	347	5	1	U	
198558012	FMQ 427	379	5	1	U	
198558013	FMQ 417	386	5	1	U	
198558014	FMQ 418	387	5	1	U	
198558015	FMQ 419	389	5	1	U	
198558016	FMQ 420	392	5	1	U	
198558017	FMQ 438	601	5	1	U	
198558018	FMQ 434	602	5	1	U	
198558019	FMQ 435	605	5	1	U	
198558020	FMQ 436	607	5	1	U	
198558021	FMQ 437	608	5	1	U	
198558024	FMQ 439	9601	5	1	U	

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	198558022	EPA 8260B	Carbon disulfide	7.82		5	ug/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558001	FMQ 425	118	5	1	U	
198558002	FMQ 432	124	5	1	U	
198558003	FMQ 433	126	5	1	U	
198558004	FMQ 416	138	5	1	U	
198558005	FMQ 421	301	5	1	U	
198558006	FMQ 422	311	5	1	U	

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07111279 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 1/11/2008

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	198558022		Carbon disulfide				

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558007	FMQ 431	315	5	1	U	
198558008	FMQ 429	333	5	1	U	
198558009	FMQ 430	334	5	1	U	
198558010	FMQ 426	346	5	1	U	
198558011	FMQ 428	347	5	1	U	
198558012	FMQ 427	379	5	1	U	
198558013	FMQ 417	386	5	1	U	
198558014	FMQ 418	387	5	1	U	
198558015	FMQ 419	389	5	1	U	
198558016	FMQ 420	392	1.53	1	J	U
198558017	FMQ 438	601	5	1	U	
198558018	FMQ 434	602	5	1	U	
198558019	FMQ 435	605	5	1	U	
198558020	FMQ 436	607	5	1	U	
198558021	FMQ 437	608	1.95	1	J	U
198558024	FMQ 439	9601	5	1	U	

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	198558022	EPA 8260B	Chloroform	0.757	J	5	ug/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558001	FMQ 425	118	5	1	U	
198558002	FMQ 432	124	5	1	U	
198558003	FMQ 433	126	0.322	1	J	U
198558004	FMQ 416	138	5	1	U	
198558005	FMQ 421	301	5	1	U	
198558006	FMQ 422	311	0.27	1	J	U
198558007	FMQ 431	315	5	1	U	
198558008	FMQ 429	333	5	1	U	
198558009	FMQ 430	334	5	1	U	

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07111279 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 1/11/2008

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	198558022		Chloroform				

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558010	FMQ 426	346	5	1	U	
198558011	FMQ 428	347	5	1	U	
198558012	FMQ 427	379	5	1	U	
198558013	FMQ 417	386	5	1	U	
198558014	FMQ 418	387	0.285	1	J	U
198558015	FMQ 419	389	5	1	U	
198558016	FMQ 420	392	5	1	U	
198558017	FMQ 438	601	5	1	U	
198558018	FMQ 434	602	5	1	U	
198558019	FMQ 435	605	0.257	1	J	U
198558020	FMQ 436	607	5	1	U	
198558021	FMQ 437	608	5	1	U	
198558024	FMQ 439	9601	5	1	U	

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	198558022	EPA 8260B	Dibromochloromethane	0.371	J	5	ug/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558001	FMQ 425	118	5	1	U	
198558002	FMQ 432	124	5	1	U	
198558003	FMQ 433	126	5	1	U	
198558004	FMQ 416	138	5	1	U	
198558005	FMQ 421	301	5	1	U	
198558006	FMQ 422	311	5	1	U	
198558007	FMQ 431	315	5	1	U	
198558008	FMQ 429	333	5	1	U	
198558009	FMQ 430	334	5	1	U	
198558010	FMQ 426	346	5	1	U	
198558011	FMQ 428	347	5	1	U	
198558012	FMQ 427	379	5	1	U	

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07111279 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 1/11/2008

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Equipment Blank	198558022		Dibromochloromethane				

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558013	FMQ 417	386	5	1	U	
198558014	FMQ 418	387	5	1	U	
198558015	FMQ 419	389	5	1	U	
198558016	FMQ 420	392	5	1	U	
198558017	FMQ 438	601	5	1	U	
198558018	FMQ 434	602	5	1	U	
198558019	FMQ 435	605	5	1	U	
198558020	FMQ 436	607	5	1	U	
198558021	FMQ 437	608	5	1	U	
198558024	FMQ 439	9601	5	1	U	

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	198558023	EPA 8260B	Bromodichloromethane	3.66	J	5	ug/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558001	FMQ 425	118	5	1	U	
198558002	FMQ 432	124	5	1	U	
198558003	FMQ 433	126	5	1	U	
198558004	FMQ 416	138	5	1	U	
198558005	FMQ 421	301	5	1	U	
198558006	FMQ 422	311	5	1	U	
198558007	FMQ 431	315	5	1	U	
198558008	FMQ 429	333	5	1	U	
198558009	FMQ 430	334	5	1	U	
198558010	FMQ 426	346	5	1	U	
198558011	FMQ 428	347	5	1	U	
198558012	FMQ 427	379	5	1	U	
198558013	FMQ 417	386	5	1	U	
198558014	FMQ 418	387	5	1	U	
198558015	FMQ 419	389	5	1	U	

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07111279 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 1/11/2008

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	198558023		Bromodichloromethane				

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558016	FMQ 420	392	5	1	U	
198558017	FMQ 438	601	5	1	U	
198558018	FMQ 434	602	5	1	U	
198558019	FMQ 435	605	5	1	U	
198558020	FMQ 436	607	5	1	U	
198558021	FMQ 437	608	5	1	U	
198558024	FMQ 439	9601	5	1	U	

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	198558023	EPA 8260B	Bromoform	0.423	J	5	ug/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558001	FMQ 425	118	5	1	U	
198558002	FMQ 432	124	5	1	U	
198558003	FMQ 433	126	5	1	U	
198558004	FMQ 416	138	5	1	U	
198558005	FMQ 421	301	5	1	U	
198558006	FMQ 422	311	5	1	U	
198558007	FMQ 431	315	5	1	U	
198558008	FMQ 429	333	5	1	U	
198558009	FMQ 430	334	5	1	U	
198558010	FMQ 426	346	5	1	U	
198558011	FMQ 428	347	5	1	U	
198558012	FMQ 427	379	5	1	U	
198558013	FMQ 417	386	5	1	U	
198558014	FMQ 418	387	5	1	U	
198558015	FMQ 419	389	5	1	U	
198558016	FMQ 420	392	5	1	U	
198558017	FMQ 438	601	5	1	U	
198558018	FMQ 434	602	5	1	U	

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07111279 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 1/11/2008

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	198558023		Bromoform				

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558019	FMQ 435	605	5	1	U	
198558020	FMQ 436	607	5	1	U	
198558021	FMQ 437	608	5	1	U	
198558024	FMQ 439	9601	5	1	U	

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	198558023	EPA 8260B	Chloroform	11.9		5	ug/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558001	FMQ 425	118	5	1	U	
198558002	FMQ 432	124	5	1	U	
198558003	FMQ 433	126	0.322	1	J	U
198558004	FMQ 418	138	5	1	U	
198558005	FMQ 421	301	5	1	U	
198558006	FMQ 422	311	0.27	1	J	U
198558007	FMQ 431	315	5	1	U	
198558008	FMQ 429	333	5	1	U	
198558009	FMQ 430	334	5	1	U	
198558010	FMQ 426	346	5	1	U	
198558011	FMQ 428	347	5	1	U	
198558012	FMQ 427	379	5	1	U	
198558013	FMQ 417	386	5	1	U	
198558014	FMQ 418	387	0.285	1	J	U
198558015	FMQ 419	389	5	1	U	
198558016	FMQ 420	392	5	1	U	
198558017	FMQ 438	601	5	1	U	
198558018	FMQ 434	602	5	1	U	
198558019	FMQ 435	605	0.257	1	J	U
198558020	FMQ 436	607	5	1	U	
198558021	FMQ 437	608	5	1	U	

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 07111279 Lab Code: GEN Project: Mound LTS&M Ground Water Validation Date: 1/11/2008

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	198558023		Chloroform				

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558024	FMQ 439	9601	5	1	U	

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	198558023	EPA 8260B	Dibromochloromethane	1.58	J	5	ug/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
198558001	FMQ 425	118	5	1	U	
198558002	FMQ 432	124	5	1	U	
198558003	FMQ 433	126	5	1	U	
198558004	FMQ 416	138	5	1	U	
198558005	FMQ 421	301	5	1	U	
198558006	FMQ 422	311	5	1	U	
198558007	FMQ 431	315	5	1	U	
198558008	FMQ 429	333	5	1	U	
198558009	FMQ 430	334	5	1	U	
198558010	FMQ 426	346	5	1	U	
198558011	FMQ 428	347	5	1	U	
198558012	FMQ 427	379	5	1	U	
198558013	FMQ 417	386	5	1	U	
198558014	FMQ 418	387	5	1	U	
198558015	FMQ 419	389	5	1	U	
198558016	FMQ 420	392	5	1	U	
198558017	FMQ 438	601	5	1	U	
198558018	FMQ 434	602	5	1	U	
198558019	FMQ 435	605	5	1	U	
198558020	FMQ 436	607	5	1	U	
198558021	FMQ 437	608	5	1	U	
198558024	FMQ 439	9601	5	1	U	

SAMPLE MANAGEMENT SYSTEM

Validation Report: Field Duplicates

RIN: 07111279 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 1/11/2008

Duplicate: 9601 **Sample:** 601

Analyte	Sample Result	Sample Flag	Sample Error	Duplicate Result	Duplicate Flag	Duplicate Error	RPD	RER	Units
1,1,1,2-Tetrachloroethane	5	U		5	U				ug/L
1,1,1-Trichloroethane	5	U		5	U				ug/L
1,1,2,2-Tetrachloroethane	5	U		5	U				ug/L
1,1,2-Trichloroethane	5	U		5	U				ug/L
1,1-Dichloroethane	5	U		5	U				ug/L
1,1-Dichloroethylene	5	U		5	U				ug/L
1,1-Dichloropropene	5	U		5	U				ug/L
1,2,3-Trichlorobenzene	5	U		5	U				ug/L
1,2,3-Trichloropropane	5	U		5	U				ug/L
1,2,4-Trichlorobenzene	5	U		5	U				ug/L
1,2,4-Trimethylbenzene	5	U		5	U				ug/L
1,2-Dibromo-3-chloropropane	5	U		5	U				ug/L
1,2-Dibromoethane	5	U		5	U				ug/L
1,2-Dichlorobenzene	5	U		5	U				ug/L
1,2-Dichloroethane	5	U		5	U				ug/L
1,2-Dichloropropane	5	U		5	U				ug/L
1,3,5-Trimethylbenzene	5	U		5	U				ug/L
1,3-Dichlorobenzene	5	U		5	U				ug/L
1,3-Dichloropropane	5	U		5	U				ug/L
1,4-Dichlorobenzene	5	U		5	U				ug/L
2,2-Dichloropropane	5	U		5	U				ug/L
2-Butanone	100	U		100	U				ug/L
2-Chlorotoluene	5	U		5	U				ug/L
2-Hexanone	50	U		50	U				ug/L
4-Chlorotoluene	5	U		5	U				ug/L
4-Isopropyltoluene	5	U		5	U				ug/L
4-Methyl-2-pentanone	50	U		50	U				ug/L
Acetone	100	U		100	U				ug/L
Benzene	5	U		5	U				ug/L
Bromobenzene	5	U		5	U				ug/L
Bromochloromethane	5	U		5	U				ug/L
Bromodichloromethane	5	U		5	U				ug/L
Bromoform	5	U		5	U				ug/L
Bromomethane	5	U		5	U				ug/L
Carbon disulfide	5	U		5	U				ug/L
Carbon tetrachloride	5	U		5	U				ug/L
Chlorobenzene	5	U		5	U				ug/L
Chloroethane	5	U		5	U				ug/L
Chloroform	5	U		5	U				ug/L

SAMPLE MANAGEMENT SYSTEM

Validation Report: Field Duplicates

RIN: 07111279 **Lab Code:** GEN **Project:** Mound LTS&M Ground Water **Validation Date:** 1/11/2008

Duplicate: 9601 **Sample:** 601

Analyte	Sample Result	Sample Flag	Sample Error	Duplicate Result	Duplicate Flag	Duplicate Error	RPD	RER	Units
Chloromethane	5	U		5	U				ug/L
cis-1,2-Dichloroethylene	0.747	J		0.733	J				ug/L
cis-1,3-Dichloropropylene	5	U		5	U				ug/L
Dibromochloromethane	5	U		5	U				ug/L
Dibromomethane	5	U		5	U				ug/L
Dichlorodifluoromethane	5	U		5	U				ug/L
Ethylbenzene	5	U		5	U				ug/L
Hexachlorobutadiene	5	U		5	U				ug/L
Isopropylbenzene	5	U		5	U				ug/L
Methylene chloride	5	U		5	U				ug/L
Naphthalene	5	U		5	U				ug/L
n-Butylbenzene	5	U		5	U				ug/L
n-Propylbenzene	5	U		5	U				ug/L
Radium-226	1.52		0.643	1.28		0.603		0.5	pCi/L
Radium-228	0.362	U	0.557	0.592	U	0.531		0.6	pCi/L
sec-Butylbenzene	5	U		5	U				ug/L
Strontium-90	2.27		0.759	1.92		0.724		0.7	pCi/L
Styrene	5	U		5	U				ug/L
tert-Butylbenzene	5	U		5	U				ug/L
Tetrachloroethylene	18			17.3					ug/L
Toluene	5	U		5	U				ug/L
trans-1,2-Dichloroethylene	5	U		5	U				ug/L
trans-1,3-Dichloropropylene	5	U		5	U				ug/L
Trichloroethylene	5.25			5.06					ug/L
Trichlorofluoromethane	5	U		5	U				ug/L
Trichlorotrifluoroethane	5	U		5	U				ug/L
Tritium	88000		17100	88400		17200	0.45	0	pCi/L
Vinyl chloride	5	U		5	U				ug/L
Xylenes (total)	5	U		5	U				ug/L

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 07111279 **Lab Code:** GEN **Date Due:** 12/29/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 12/31/2007

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	12/10/2007					100.0	94.0	100.0	95.0				
0124	VOAs	12/10/2007					106.0	97.0	105.0	98.0				
0126	VOAs	12/10/2007					101.0	93.0	100.0	93.0				
0138	VOAs	12/10/2007					103.0	92.0	101.0	92.0				
0301	VOAs	12/10/2007					105.0	96.0	105.0	97.0				
0311	VOAs	12/10/2007					101.0	90.0	101.0	94.0				
0315	VOAs	12/10/2007					113.0	102.0	110.0	102.0				
0333	VOAs	12/10/2007					99.0	92.0	100.0	93.0				
0334	VOAs	12/10/2007					100.0	93.0	100.0	93.0				
0346	VOAs	12/10/2007					109.0	100.0	108.0	101.0				
0347	VOAs	12/10/2007					112.0	102.0	110.0	102.0				
0379	VOAs	12/10/2007					115.0	104.0	112.0	104.0				
0386	VOAs	12/10/2007					107.0	93.0	105.0	96.0				
0387	VOAs	12/10/2007					111.0	103.0	110.0	103.0				
0389	VOAs	12/10/2007					102.0	93.0	101.0	93.0				
0392	VOAs	12/10/2007					106.0	94.0	104.0	96.0				
0601	VOAs	12/10/2007					111.0	102.0	109.0	102.0				

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 07111279 **Lab Code:** GEN **Date Due:** 12/29/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 12/31/2007

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								
0602	VOAs	12/10/2007					106.0	97.0	105.0	97.0				
0605	VOAs	12/10/2007					105.0	97.0	106.0	97.0				
0607	VOAs	12/10/2007					103.0	95.0	103.0	96.0				
0608	VOAs	12/10/2007					104.0	91.0	103.0	92.0				
0997, Field blk	VOAs	12/10/2007					101.0	94.0	100.0	95.0				
0999, Trip blk	VOAs	12/10/2007					113.0	103.0	110.0	103.0				
9607, dup	VOAs	12/10/2007					112.0	103.0	109.0	102.0				
LCS	1,1-Dichloroethene	12/10/2007					101.0	95.0	100.0	97.0	98.0			
LCS	Benzene	12/10/2007									96.0			
LCS	Chlorobenzene	12/10/2007									89.0			
LCS	Toluene	12/10/2007									96.0			
LCS	Trichloroethene	12/10/2007									102.0			
Method Blank	VOAs	12/10/2007					96.0	95.0	96.0	95.0				
LCS	1,1-Dichloroethene	12/11/2007					97.0	93.0	97.0	94.0	100.0			
LCS	Benzene	12/11/2007									97.0			
LCS	Chlorobenzene	12/11/2007									90.0			
LCS	Toluene	12/11/2007									95.0			

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 07111279 **Lab Code:** GEN **Date Due:** 12/29/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 12/31/2007

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	Trichloroethene	12/11/2007									102.0			
Method Blank	VOAs	12/11/2007					107.0	100.0	108.0	101.0				
LCS	VOAs	12/12/2007					105.0	100.0	105.0	100.0				
LCS/MS	1,1-Dichloroethene	12/12/2007									114.0	110.0	116.0	5.00
LCS/MS	Benzene	12/12/2007									109.0	103.0	112.0	8.00
LCS/MS	Chlorobenzene	12/12/2007									101.0	96.0	104.0	8.00
LCS/MS	Toluene	12/12/2007									106.0	101.0	107.0	6.00
LCS/MS	Trichloroethene	12/12/2007									115.0	108.0	116.0	7.00
Method Blank	VOAs	12/12/2007					102.0	101.0	100.0	93.0				
MS	VOAs	12/12/2007					97.0	92.0	100.0	95.0				
MSD	VOAs	12/12/2007					106.0	101.0	108.0	101.0				
LCS	VOAs	12/13/2007					100.0	91.0	99.0	93.0				
LCS/MS	1,1-Dichloroethene	12/13/2007									102.0	93.0	108.0	15.00
LCS/MS	Benzene	12/13/2007									96.0	88.0	102.0	14.00
LCS/MS	Chlorobenzene	12/13/2007									87.0	83.0	94.0	13.00
LCS/MS	Toluene	12/13/2007									92.0	86.0	97.0	12.00
LCS/MS	Trichloroethene	12/13/2007									101.0	94.0	109.0	15.00

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 07111279 **Lab Code:** GEN **Date Due:** 12/29/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 12/31/2007

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								
Method Blank	VOAs	12/13/2007					101.0	93.0	100.0	94.0				
MS	VOAs	12/13/2007					99.0	93.0	99.0	93.0				
MSD	VOAs	12/13/2007					109.0	101.0	110.0	103.0				

SAMPLE MANAGEMENT SYSTEM
Radiochemistry Data Validation Worksheet

RIN: 07111279 **Lab Code:** GEN **Date Due:** 12/29/2007

Matrix: Water **Site Code:** MND3 **Date Completed:** 12/31/2007

Sample	Analyte	Date Analyzed	Result	Flag	Tracer %R	LCS %R	MS %R	Duplicate
Dup	Radium-226	12/13/2007						0.30
LCS	Radium-226	12/13/2007				104.0		
Method	Radium-226	12/13/2007	0.3870	U				
MS	Radium-226	12/13/2007					104.0	
9601	Radium-228	12/26/2007			68.0			
0601	Radium-228	12/26/2007			72.0			
Dup	Radium-228	12/26/2007						0.40
LCS	Radium-228	12/26/2007				102.0		
Method Blank	Radium-228	12/26/2007	0.4960	U				
MS	Radium-228	12/26/2007					85.0	
0601	Strontium-90	12/13/2007			87.0			
9601	Strontium-90	12/13/2007			88.0			
Dup	Strontium-90	12/13/2007						1.40
LCS	Strontium-90	12/13/2007				103.0		
Method Blank	Strontium-90	12/13/2007	-0.0131	U				
MS	Strontium-90	12/13/2007					100.0	
Dup	Tritium	12/07/2007						0.20
LCS	Tritium	12/07/2007				97.0		
Method Blank	Tritium	12/07/2007	-35.4000	U				
MS	Tritium	12/07/2007						

Appendix C

Appendix C

2007 Data for Parcel 6, 7, and 8 Groundwater Monitoring

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Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/22/2007	N002	30.63	-	40.63	0.353	J		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,1-Dichloroethane	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,1-Dichloroethene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,1-Dichloropropene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,2-Dibromoethane	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,2-Dichloroethane	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,2-Dichloropropane	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
2,2-Dichloropropane	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
2-Butanone	ug/L	02/22/2007	N002	30.63 - 40.63	100	U		#	100	
2-Chlorotoluene	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
2-Hexanone	ug/L	02/22/2007	N002	30.63 - 40.63	50	U		#	50	
4-Chlorotoluene	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/22/2007	N002	30.63 - 40.63	50	U		#	50	
Acetone	ug/L	02/22/2007	N002	30.63 - 40.63	2.09	J	U	#	100	
Benzene	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Bromobenzene	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Bromochloromethane	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Bromodichloromethane	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Bromoform	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Bromomethane	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Carbon Disulfide	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Carbon tetrachloride	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Chlorobenzene	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Chlorodibromomethane	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
Chloroform	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
Chloromethane	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
Dibromomethane	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
Dissolved Oxygen	mg/L	02/22/2007	N001	30.63	-	40.63	5.2			0		
Ethylbenzene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
Hexachlorobutadiene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
Isopropylbenzene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
Methylene chloride	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
n-Butylbenzene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
n-Propylbenzene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
Naphthalene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
Oxidation Reduction Potential	mV	02/22/2007	N001	30.63	-	40.63	44.1			0		
p-Isopropyltoluene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	
pH	s.u.	02/22/2007	N001	30.63	-	40.63	6.91			0		
sec-Butylbenzene	ug/L	02/22/2007	N002	30.63	-	40.63	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/22/2007	N001	30.63 - 40.63	1270			0		
Styrene	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Temperature	C	02/22/2007	N001	30.63 - 40.63	12.67			0		
tert-Butylbenzene	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Tetrachloroethene	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Toluene	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Total Xylenes	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Trichloroethene	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Trichlorofluoromethane	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	
Tritium	pCi/L	02/22/2007	N002	30.63 - 40.63	373		J	#	279	178
Turbidity	NTU	02/22/2007	N001	30.63 - 40.63	207			0		
Vinyl chloride	ug/L	02/22/2007	N002	30.63 - 40.63	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Chloroform	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Chloromethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Dibromomethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Dissolved Oxygen	mg/L	02/22/2007	N001	45	-	55	0.6			0		
Ethylbenzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Hexachlorobutadiene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Isopropylbenzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Methylene chloride	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
n-Butylbenzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
n-Propylbenzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Naphthalene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Oxidation Reduction Potential	mV	02/22/2007	N001	45	-	55	73.2			0		
p-Isopropyltoluene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
pH	s.u.	02/22/2007	N001	45	-	55	6.72			0		
sec-Butylbenzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/22/2007	N001	45	-	55	1323			0		
Styrene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Temperature	C	02/22/2007	N001	45	-	55	12.54			0		
tert-Butylbenzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Tetrachloroethene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Toluene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Total Xylenes	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Trichloroethene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Trichlorofluoromethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Turbidity	NTU	02/22/2007	N001	45	-	55	0.82			0		
Vinyl chloride	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	02/22/2007	N002	45	-	55	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,1-Dichloroethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,1-Dichloroethene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,1-Dichloropropene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,2-Dibromoethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,2-Dichloroethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,2-Dichloropropane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
2,2-Dichloropropane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
2-Butanone	ug/L	02/22/2007	N002	45	-	55	100	U		#	100	
2-Chlorotoluene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
2-Hexanone	ug/L	02/22/2007	N002	45	-	55	50	U		#	50	
4-Chlorotoluene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/22/2007	N002	45	-	55	50	U		#	50	
Acetone	ug/L	02/22/2007	N002	45	-	55	100	U		#	100	
Benzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Bromobenzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Bromochloromethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Bromodichloromethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Bromoform	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Bromomethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Carbon Disulfide	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Carbon tetrachloride	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Chlorobenzene	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	
Chlorodibromomethane	ug/L	02/22/2007	N002	45	-	55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,1-Dichloroethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,1-Dichloroethene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,1-Dichloropropene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,2-Dibromoethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,2-Dichloroethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,2-Dichloropropane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
2,2-Dichloropropane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
2-Butanone	ug/L	02/22/2007	N002	43.83	-	53.83	100	U		#	100	
2-Chlorotoluene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
2-Hexanone	ug/L	02/22/2007	N002	43.83	-	53.83	50	U		#	50	
4-Chlorotoluene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/22/2007	N002	43.83	-	53.83	50	U		#	50	
Acetone	ug/L	02/22/2007	N002	43.83	-	53.83	1.6	J	U	#	100	
Benzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Bromobenzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Bromochloromethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Bromodichloromethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Bromoform	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Bromomethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Carbon Disulfide	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Carbon tetrachloride	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Chlorobenzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Chlorodibromomethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Chloroform	ug/L	02/22/2007	N002	43.83	-	53.83	0.332	J	U	#	5	
Chloromethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Dibromomethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Dissolved Oxygen	mg/L	02/22/2007	N001	43.83	-	53.83	0.52			0		
Ethylbenzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Hexachlorobutadiene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Isopropylbenzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Methylene chloride	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
n-Butylbenzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
n-Propylbenzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Naphthalene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Oxidation Reduction Potential	mV	02/22/2007	N001	43.83	-	53.83	53.4			0		
p-Isopropyltoluene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
pH	s.u.	02/22/2007	N001	43.83	-	53.83	6.81			0		
sec-Butylbenzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/22/2007	N001	43.83	-	53.83	1298			0		
Styrene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Temperature	C	02/22/2007	N001	43.83	-	53.83	12.77			0		
tert-Butylbenzene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Tetrachloroethene	ug/L	02/22/2007	N002	43.83	-	53.83	1.07	J		#	5	
Toluene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Total Xylenes	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Trichloroethene	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Trichlorofluoromethane	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	
Turbidity	NTU	02/22/2007	N001	43.83	-	53.83	6			0		
Vinyl chloride	ug/L	02/22/2007	N002	43.83	-	53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	02/26/2007	N002	31	-	41	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,1-Dichloroethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,1-Dichloroethene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,1-Dichloropropene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,2-Dibromoethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,2-Dichloroethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,2-Dichloropropane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
2,2-Dichloropropane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
2-Butanone	ug/L	02/26/2007	N002	31	-	41	100	U		#	100	
2-Chlorotoluene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
2-Hexanone	ug/L	02/26/2007	N002	31	-	41	50	U		#	50	
4-Chlorotoluene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/26/2007	N002	31	-	41	50	U		#	50	
Acetone	ug/L	02/26/2007	N002	31	-	41	100	U		#	100	
Benzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Bromobenzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Bromochloromethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Bromodichloromethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Bromoform	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Bromomethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Carbon Disulfide	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Carbon tetrachloride	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Chlorobenzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Chlorodibromomethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Chloroform	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Chloromethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Dibromomethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Dissolved Oxygen	mg/L	02/26/2007	N001	31	-	41	2.99			0		
Ethylbenzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Hexachlorobutadiene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Isopropylbenzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Methylene chloride	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
n-Butylbenzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
n-Propylbenzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Naphthalene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Oxidation Reduction Potential	mV	02/26/2007	N001	31	-	41	70.2			0		
p-Isopropyltoluene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
pH	s.u.	02/26/2007	N001	31	-	41	6.82			0		
sec-Butylbenzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/26/2007	N001	31	-	41	1507			0		
Styrene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Temperature	C	02/26/2007	N001	31	-	41	11.22			0		
tert-Butylbenzene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Tetrachloroethene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Toluene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Total Xylenes	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Trichloroethene	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Trichlorofluoromethane	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	
Tritium	pCi/L	02/26/2007	N002	31	-	41	7370			#	325	402
Turbidity	NTU	02/26/2007	N001	31	-	41	316			0		
Vinyl chloride	ug/L	02/26/2007	N002	31	-	41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,1-Dichloroethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,1-Dichloroethene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,1-Dichloropropene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,2-Dibromoethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,2-Dichloroethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,2-Dichloropropane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
2,2-Dichloropropane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
2-Butanone	ug/L	02/27/2007	N002	75.5	-	85.5	100	U		#	100	
2-Chlorotoluene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
2-Hexanone	ug/L	02/27/2007	N002	75.5	-	85.5	50	U		#	50	
4-Chlorotoluene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/27/2007	N002	75.5	-	85.5	50	U		#	50	
Acetone	ug/L	02/27/2007	N002	75.5	-	85.5	100	U		#	100	
Benzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Bromobenzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Bromochloromethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Bromodichloromethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Bromoform	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Bromomethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Carbon Disulfide	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Carbon tetrachloride	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Chlorobenzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Chlorodibromomethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Chloroform	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Chloromethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Dibromomethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Dissolved Oxygen	mg/L	02/27/2007	N001	75.5	-	85.5	0.22			0		
Ethylbenzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Hexachlorobutadiene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Isopropylbenzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Methylene chloride	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
n-Butylbenzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
n-Propylbenzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Naphthalene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Oxidation Reduction Potential	mV	02/27/2007	N001	75.5	-	85.5	-170.2			0		
p-Isopropyltoluene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
pH	s.u.	02/27/2007	N001	75.5	-	85.5	7.59			0		
sec-Butylbenzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/27/2007	N001	75.5	-	85.5	1035			0		
Styrene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Temperature	C	02/27/2007	N001	75.5	-	85.5	9.67			0		
tert-Butylbenzene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Tetrachloroethene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Toluene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Total Xylenes	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Trichloroethene	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Trichlorofluoromethane	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	
Tritium	pCi/L	02/27/2007	N002	75.5	-	85.5	64.8	U		#	323	188
Turbidity	NTU	02/27/2007	N001	75.5	-	85.5	687			0		
Vinyl chloride	ug/L	02/27/2007	N002	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,1-Dichloroethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,1-Dichloroethene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,1-Dichloropropene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,2-Dibromoethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,2-Dichloroethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,2-Dichloropropane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
2,2-Dichloropropane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
2-Butanone	ug/L	02/27/2007	N002	21.2	-	30.5	100	U		#	100	
2-Chlorotoluene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
2-Hexanone	ug/L	02/27/2007	N002	21.2	-	30.5	50	U		#	50	
4-Chlorotoluene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/27/2007	N002	21.2	-	30.5	50	U		#	50	
Acetone	ug/L	02/27/2007	N002	21.2	-	30.5	100	U		#	100	
Benzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Bromobenzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Bromochloromethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Bromodichloromethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Bromoform	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Bromomethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Carbon Disulfide	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Carbon tetrachloride	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Chlorobenzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Chlorodibromomethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Chloroform	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Chloromethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Dibromomethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Dissolved Oxygen	mg/L	02/27/2007	N001	21.2	-	30.5	0.63			0		
Ethylbenzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Hexachlorobutadiene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Isopropylbenzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Methylene chloride	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
n-Butylbenzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
n-Propylbenzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Naphthalene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Oxidation Reduction Potential	mV	02/27/2007	N001	21.2	-	30.5	0.7			0		
p-Isopropyltoluene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
pH	s.u.	02/27/2007	N001	21.2	-	30.5	7			0		
sec-Butylbenzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/27/2007	N001	21.2	-	30.5	1015			0		
Styrene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Temperature	C	02/27/2007	N001	21.2	-	30.5	12.86			0		
tert-Butylbenzene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Tetrachloroethene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Toluene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Total Xylenes	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Trichloroethene	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Trichlorofluoromethane	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	
Tritium	pCi/L	02/27/2007	N002	21.2	-	30.5	433		J	#	327	205
Turbidity	NTU	02/27/2007	N001	21.2	-	30.5	314			0		
Vinyl chloride	ug/L	02/27/2007	N002	21.2	-	30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
1,1,1,2-Tetrachloroethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,1-Dichloroethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,1-Dichloroethene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,1-Dichloropropene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,2-Dibromoethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,2-Dichloroethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,2-Dichloropropane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0315 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Data	QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
2,2-Dichloropropane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
2-Butanone	ug/L	02/21/2007	N002	43.4	-	53.4	100	U		#	100	
2-Chlorotoluene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
2-Hexanone	ug/L	02/21/2007	N002	43.4	-	53.4	50	U		#	50	
4-Chlorotoluene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/21/2007	N002	43.4	-	53.4	50	U		#	50	
Acetone	ug/L	02/21/2007	N002	43.4	-	53.4	2.59	J	U	#	100	
Benzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Bromobenzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Bromochloromethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Bromodichloromethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Bromoform	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Bromomethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Carbon Disulfide	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Carbon tetrachloride	ug/L	02/21/2007	N002	43.4	-	53.4	1.03	J		#	5	
Chlorobenzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Chlorodibromomethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Chloroform	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Chloromethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Dibromomethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Dissolved Oxygen	mg/L	02/21/2007	N001	43.4	-	53.4	3.78			0		
Ethylbenzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Hexachlorobutadiene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Isopropylbenzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Methylene chloride	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
n-Butylbenzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
n-Propylbenzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Naphthalene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Oxidation Reduction Potential	mV	02/21/2007	N001	43.4	-	53.4	2.5			0		
p-Isopropyltoluene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
pH	s.u.	02/21/2007	N001	43.4	-	53.4	6.81			0		
sec-Butylbenzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/21/2007	N001	43.4	-	53.4	1783			0		
Styrene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Temperature	C	02/21/2007	N001	43.4	-	53.4	12.64			0		
tert-Butylbenzene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Tetrachloroethene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Toluene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Total Xylenes	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Trichloroethene	ug/L	02/21/2007	N002	43.4	-	53.4	11.6			#	5	
Trichlorofluoromethane	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	
Turbidity	NTU	02/21/2007	N001	43.4	-	53.4	283			0		
Vinyl chloride	ug/L	02/21/2007	N002	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	02/22/2007	N002	65	-	75	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,1-Dichloroethane	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,1-Dichloroethene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,1-Dichloropropene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,2-Dibromoethane	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,2-Dichloroethane	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,2-Dichloropropane	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	02/22/2007	N002	65 - 75	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/22/2007	N002	65 - 75	5	U		#	5	
2,2-Dichloropropane	ug/L	02/22/2007	N002	65 - 75	5	U		#	5	
2-Butanone	ug/L	02/22/2007	N002	65 - 75	100	U		#	100	
2-Chlorotoluene	ug/L	02/22/2007	N002	65 - 75	5	U		#	5	
2-Hexanone	ug/L	02/22/2007	N002	65 - 75	50	U		#	50	
4-Chlorotoluene	ug/L	02/22/2007	N002	65 - 75	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/22/2007	N002	65 - 75	50	U		#	50	
Acetone	ug/L	02/22/2007	N002	65 - 75	1.32	J	U	#	100	
Benzene	ug/L	02/22/2007	N002	65 - 75	5	U		#	5	
Bromobenzene	ug/L	02/22/2007	N002	65 - 75	5	U		#	5	
Bromochloromethane	ug/L	02/22/2007	N002	65 - 75	5	U		#	5	
Bromodichloromethane	ug/L	02/22/2007	N002	65 - 75	5	U		#	5	
Bromoform	ug/L	02/22/2007	N002	65 - 75	5	U		#	5	
Bromomethane	ug/L	02/22/2007	N002	65 - 75	5	U		#	5	
Carbon Disulfide	ug/L	02/22/2007	N002	65 - 75	5	U		#	5	
Carbon tetrachloride	ug/L	02/22/2007	N002	65 - 75	5	U		#	5	
Chlorobenzene	ug/L	02/22/2007	N002	65 - 75	5	U		#	5	
Chlorodibromomethane	ug/L	02/22/2007	N002	65 - 75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Chloroform	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Chloromethane	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Dibromomethane	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Dissolved Oxygen	mg/L	02/22/2007	N001	65	-	75	0.29			0		
Ethylbenzene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Hexachlorobutadiene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Isopropylbenzene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Methylene chloride	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
n-Butylbenzene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
n-Propylbenzene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Naphthalene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Oxidation Reduction Potential	mV	02/22/2007	N001	65	-	75	-64.3			0		
p-Isopropyltoluene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
pH	s.u.	02/22/2007	N001	65	-	75	7.02			0		
sec-Butylbenzene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/22/2007	N001	65	-	75	804			0		
Styrene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Temperature	C	02/22/2007	N001	65	-	75	12.52			0		
tert-Butylbenzene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Tetrachloroethene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Toluene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Total Xylenes	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Trichloroethene	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Trichlorofluoromethane	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	
Tritium	pCi/L	02/22/2007	N002	65	-	75	280	U		#	282	175
Turbidity	NTU	02/22/2007	N001	65	-	75	22.7			0		
Vinyl chloride	ug/L	02/22/2007	N002	65	-	75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	02/22/2007	N002	19	-	29	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,1-Dichloroethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,1-Dichloroethene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,1-Dichloropropene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,2-Dibromoethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,2-Dichloroethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,2-Dichloropropane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
2,2-Dichloropropane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
2-Butanone	ug/L	02/22/2007	N002	19	-	29	100	U		#	100	
2-Chlorotoluene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
2-Hexanone	ug/L	02/22/2007	N002	19	-	29	50	U		#	50	
4-Chlorotoluene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/22/2007	N002	19	-	29	50	U		#	50	
Acetone	ug/L	02/22/2007	N002	19	-	29	2.4	J	U	#	100	
Benzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Bromobenzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Bromochloromethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Bromodichloromethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Bromoform	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Bromomethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Carbon Disulfide	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Carbon tetrachloride	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Chlorobenzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Chlorodibromomethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Chloroform	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Chloromethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Dibromomethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Dissolved Oxygen	mg/L	02/22/2007	N001	19	-	29	5.57			0		
Ethylbenzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Hexachlorobutadiene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Isopropylbenzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Methylene chloride	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
n-Butylbenzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
n-Propylbenzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Naphthalene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Oxidation Reduction Potential	mV	02/22/2007	N001	19	-	29	43			0		
p-Isopropyltoluene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
pH	s.u.	02/22/2007	N001	19	-	29	6.78			0		
sec-Butylbenzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/22/2007	N001	19	-	29	1285			0		
Styrene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Temperature	C	02/22/2007	N001	19	-	29	11.61			0		
tert-Butylbenzene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Tetrachloroethene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Toluene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Total Xylenes	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Trichloroethene	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Trichlorofluoromethane	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	
Tritium	pCi/L	02/22/2007	N002	19	-	29	504			#	281	186
Turbidity	NTU	02/22/2007	N001	19	-	29	116			0		
Vinyl chloride	ug/L	02/22/2007	N002	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	02/21/2007	N002	41	-	46	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,1-Dichloroethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,1-Dichloroethene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,1-Dichloropropene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,2-Dibromoethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,2-Dichloroethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,2-Dichloropropane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
2,2-Dichloropropane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
2-Butanone	ug/L	02/21/2007	N002	41	-	46	100	U		#	100	
2-Chlorotoluene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
2-Hexanone	ug/L	02/21/2007	N002	41	-	46	50	U		#	50	
4-Chlorotoluene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/21/2007	N002	41	-	46	50	U		#	50	
Acetone	ug/L	02/21/2007	N002	41	-	46	1.8	J	U	#	100	
Benzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Bromobenzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Bromochloromethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Bromodichloromethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Bromoform	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Bromomethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Carbon Disulfide	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Carbon tetrachloride	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Chlorobenzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Chlorodibromomethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Chloroform	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Chloromethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Dibromomethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Dissolved Oxygen	mg/L	02/21/2007	N001	41	-	46	0.35			0		
Ethylbenzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Hexachlorobutadiene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Isopropylbenzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Methylene chloride	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
n-Butylbenzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
n-Propylbenzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Naphthalene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Oxidation Reduction Potential	mV	02/21/2007	N001	41	-	46	-37			0		
p-Isopropyltoluene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
pH	s.u.	02/21/2007	N001	41	-	46	6.78			0		
sec-Butylbenzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/21/2007	N001	41	-	46	1810			0		
Styrene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Temperature	C	02/21/2007	N001	41	-	46	13.05			0		
tert-Butylbenzene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Tetrachloroethene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Toluene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Total Xylenes	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Trichloroethene	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Trichlorofluoromethane	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	
Tritium	pCi/L	02/21/2007	N002	41	-	46	2120			#	278	256
Turbidity	NTU	02/21/2007	N001	41	-	46	392			0		
Vinyl chloride	ug/L	02/21/2007	N002	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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	02/21/2007	N002	57	-	67	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,1-Dichloroethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,1-Dichloroethene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,1-Dichloropropene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,2-Dibromoethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,2-Dichloroethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,2-Dichloropropane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
2,2-Dichloropropane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
2-Butanone	ug/L	02/21/2007	N002	57	-	67	100	U		#	100	
2-Chlorotoluene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
2-Hexanone	ug/L	02/21/2007	N002	57	-	67	50	U		#	50	
4-Chlorotoluene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/21/2007	N002	57	-	67	50	U		#	50	
Acetone	ug/L	02/21/2007	N002	57	-	67	2.93	J	U	#	100	
Benzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Bromobenzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Bromochloromethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Bromodichloromethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Bromoform	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Bromomethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Carbon Disulfide	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Carbon tetrachloride	ug/L	02/21/2007	N002	57	-	67	2.38	J		#	5	
Chlorobenzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Chlorodibromomethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Chloroform	ug/L	02/21/2007	N002	57	-	67	0.473	J	U	#	5	
Chloromethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Dibromomethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Dissolved Oxygen	mg/L	02/21/2007	N001	57	-	67	2.17			0		
Ethylbenzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Hexachlorobutadiene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Isopropylbenzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Methylene chloride	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
n-Butylbenzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
n-Propylbenzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Naphthalene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Oxidation Reduction Potential	mV	02/21/2007	N001	57	-	67	-45.9			0		
p-Isopropyltoluene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
pH	s.u.	02/21/2007	N001	57	-	67	6.84			0		
sec-Butylbenzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/21/2007	N001	57	-	67	1816			0		
Styrene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Temperature	C	02/21/2007	N001	57	-	67	12.91			0		
tert-Butylbenzene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Tetrachloroethene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Toluene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Total Xylenes	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Trichloroethene	ug/L	02/21/2007	N002	57	-	67	19			#	5	
Trichlorofluoromethane	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	
Tritium	pCi/L	02/21/2007	N002	57	-	67	16400			#	277	637
Turbidity	NTU	02/21/2007	N001	57	-	67	967			0		
Vinyl chloride	ug/L	02/21/2007	N002	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	02/21/2007	N002	30 - 40	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,1-Dichloroethane	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,1-Dichloroethene	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,1-Dichloropropene	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,2-Dibromoethane	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,2-Dichloroethane	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,2-Dichloropropane	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/21/2007	N002	30 - 40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
2,2-Dichloropropane	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
2-Butanone	ug/L	02/21/2007	N002	30	-	40	100	U		#	100	
2-Chlorotoluene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
2-Hexanone	ug/L	02/21/2007	N002	30	-	40	50	U		#	50	
4-Chlorotoluene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/21/2007	N002	30	-	40	50	U		#	50	
Acetone	ug/L	02/21/2007	N002	30	-	40	1.52	J	U	#	100	
Benzene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Bromobenzene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Bromochloromethane	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Bromodichloromethane	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Bromoform	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Bromomethane	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Carbon Disulfide	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Carbon tetrachloride	ug/L	02/21/2007	N002	30	-	40	0.71	J		#	5	
Chlorobenzene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Chlorodibromomethane	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Chloroform	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Chloromethane	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Dibromomethane	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Dissolved Oxygen	mg/L	02/21/2007	N001	30	-	40	3.5			0		
Ethylbenzene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Hexachlorobutadiene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Isopropylbenzene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Methylene chloride	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
n-Butylbenzene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
n-Propylbenzene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Naphthalene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Oxidation Reduction Potential	mV	02/21/2007	N001	30	-	40	-18.5			0		
p-Isopropyltoluene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
pH	s.u.	02/21/2007	N001	30	-	40	6.88			0		
sec-Butylbenzene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/21/2007	N001	30	-	40	2019			0		
Styrene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Temperature	C	02/21/2007	N001	30	-	40	14.04			0		
tert-Butylbenzene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Tetrachloroethene	ug/L	02/21/2007	N002	30	-	40	0.359	J		#	5	
Toluene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Total Xylenes	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Trichloroethene	ug/L	02/21/2007	N002	30	-	40	2.08	J		#	5	
Trichlorofluoromethane	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	
Tritium	pCi/L	02/21/2007	N002	30	-	40	1980			#	278	250
Turbidity	NTU	02/21/2007	N001	30	-	40	143			0		
Vinyl chloride	ug/L	02/21/2007	N002	30	-	40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	02/26/2007	N002	77	-	87	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,1-Dichloroethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,1-Dichloroethene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,1-Dichloropropene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,2-Dibromoethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,2-Dichloroethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,2-Dichloropropane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
2,2-Dichloropropane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
2-Butanone	ug/L	02/26/2007	N002	77	-	87	100	U		#	100	
2-Chlorotoluene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
2-Hexanone	ug/L	02/26/2007	N002	77	-	87	50	U		#	50	
4-Chlorotoluene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/26/2007	N002	77	-	87	50	U		#	50	
Acetone	ug/L	02/26/2007	N002	77	-	87	100	U		#	100	
Benzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Bromobenzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Bromochloromethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Bromodichloromethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Bromoform	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Bromomethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Carbon Disulfide	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Carbon tetrachloride	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Chlorobenzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Chlorodibromomethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Chloroform	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Chloromethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Dibromomethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Dissolved Oxygen	mg/L	02/26/2007	N001	77	-	87	5.3			0		
Ethylbenzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Hexachlorobutadiene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Isopropylbenzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Methylene chloride	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
n-Butylbenzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
n-Propylbenzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Naphthalene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Oxidation Reduction Potential	mV	02/26/2007	N001	77	-	87	45			0		
p-Isopropyltoluene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
pH	s.u.	02/26/2007	N001	77	-	87	6.45			0		
sec-Butylbenzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/26/2007	N001	77	-	87	1271			0		
Styrene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Temperature	C	02/26/2007	N001	77	-	87	12.17			0		
tert-Butylbenzene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Tetrachloroethene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Toluene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Total Xylenes	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Trichloroethene	ug/L	02/26/2007	N002	77	-	87	3.76	J		#	5	
Trichlorofluoromethane	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	
Turbidity	NTU	02/26/2007	N001	77	-	87	787			0		
Vinyl chloride	ug/L	02/26/2007	N002	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	02/26/2007	N002	77	-	82	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,1-Dichloroethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,1-Dichloroethene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,1-Dichloropropene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,2-Dibromoethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,2-Dichloroethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,2-Dichloropropane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
2,2-Dichloropropane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
2-Butanone	ug/L	02/26/2007	N002	77	-	82	100	U		#	100	
2-Chlorotoluene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
2-Hexanone	ug/L	02/26/2007	N002	77	-	82	50	U		#	50	
4-Chlorotoluene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/26/2007	N002	77	-	82	50	U		#	50	
Acetone	ug/L	02/26/2007	N002	77	-	82	100	U		#	100	
Benzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Bromobenzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Bromochloromethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Bromodichloromethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Bromoform	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Bromomethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Carbon Disulfide	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Carbon tetrachloride	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Chlorobenzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Chlorodibromomethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Chloroform	ug/L	02/26/2007	N002	77	-	82	0.252	J	U	#	5	
Chloromethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Dibromomethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Dissolved Oxygen	mg/L	02/26/2007	N001	77	-	82	0.61			0		
Ethylbenzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Hexachlorobutadiene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Isopropylbenzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Methylene chloride	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
n-Butylbenzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
n-Propylbenzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Naphthalene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Oxidation Reduction Potential	mV	02/26/2007	N001	77	-	82	55			0		
p-Isopropyltoluene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
pH	s.u.	02/26/2007	N001	77	-	82	6.72			0		
sec-Butylbenzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/26/2007	N001	77	-	82	1503			0		
Styrene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Temperature	C	02/26/2007	N001	77	-	82	12.83			0		
tert-Butylbenzene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Tetrachloroethene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Toluene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Total Xylenes	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Trichloroethene	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Trichlorofluoromethane	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	
Turbidity	NTU	02/26/2007	N001	77	-	82	71			0		
Vinyl chloride	ug/L	02/26/2007	N002	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	02/26/2007	N002	42	-	52	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,1-Dichloroethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,1-Dichloroethene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,1-Dichloropropene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,2-Dibromoethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,2-Dichloroethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,2-Dichloropropane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
2,2-Dichloropropane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
2-Butanone	ug/L	02/26/2007	N002	42	-	52	100	U		#	100	
2-Chlorotoluene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
2-Hexanone	ug/L	02/26/2007	N002	42	-	52	50	U		#	50	
4-Chlorotoluene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/26/2007	N002	42	-	52	50	U		#	50	
Acetone	ug/L	02/26/2007	N002	42	-	52	100	U		#	100	
Benzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Bromobenzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Bromochloromethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Bromodichloromethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Bromoform	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Bromomethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Carbon Disulfide	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Carbon tetrachloride	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Chlorobenzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Chlorodibromomethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Chloroform	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Chloromethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Dibromomethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Dissolved Oxygen	mg/L	02/26/2007	N001	42	-	52	5.08			0		
Ethylbenzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Hexachlorobutadiene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Isopropylbenzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Methylene chloride	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
n-Butylbenzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
n-Propylbenzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Naphthalene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Oxidation Reduction Potential	mV	02/26/2007	N001	42	-	52	53.9			0		
p-Isopropyltoluene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
pH	s.u.	02/26/2007	N001	42	-	52	6.63			0		
sec-Butylbenzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/26/2007	N001	42	-	52	1204			0		
Styrene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Temperature	C	02/26/2007	N001	42	-	52	12.62			0		
tert-Butylbenzene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Tetrachloroethene	ug/L	02/26/2007	N002	42	-	52	0.611	J		#	5	
Toluene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Total Xylenes	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Trichloroethene	ug/L	02/26/2007	N002	42	-	52	1.14	J		#	5	
Trichlorofluoromethane	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	
Turbidity	NTU	02/26/2007	N001	42	-	52	278			0		
Vinyl chloride	ug/L	02/26/2007	N002	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	02/26/2007	N002	40	-	45	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,1-Dichloroethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,1-Dichloroethene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,1-Dichloropropene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,2-Dibromoethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,2-Dichloroethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,2-Dichloropropane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
2,2-Dichloropropane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
2-Butanone	ug/L	02/26/2007	N002	40	-	45	100	U		#	100	
2-Chlorotoluene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
2-Hexanone	ug/L	02/26/2007	N002	40	-	45	50	U		#	50	
4-Chlorotoluene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/26/2007	N002	40	-	45	50	U		#	50	
Acetone	ug/L	02/26/2007	N002	40	-	45	100	U		#	100	
Benzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Bromobenzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Bromochloromethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Bromodichloromethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Bromoform	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Bromomethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Carbon Disulfide	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Carbon tetrachloride	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Chlorobenzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Chlorodibromomethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Chloroform	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Chloromethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Dibromomethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Dissolved Oxygen	mg/L	02/26/2007	N001	40	-	45	3.78			0		
Ethylbenzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Hexachlorobutadiene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Isopropylbenzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Methylene chloride	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
n-Butylbenzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
n-Propylbenzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Naphthalene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Oxidation Reduction Potential	mV	02/26/2007	N001	40	-	45	-.9			0		
p-Isopropyltoluene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
pH	s.u.	02/26/2007	N001	40	-	45	6.61			0		
sec-Butylbenzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	02/26/2007	N001	40	-	45	1134			0		
Styrene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Temperature	C	02/26/2007	N001	40	-	45	12.51			0		
tert-Butylbenzene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Tetrachloroethene	ug/L	02/26/2007	N002	40	-	45	0.268	J		#	5	
Toluene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Total Xylenes	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Trichloroethene	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Trichlorofluoromethane	ug/L	02/26/2007	N002	40	-	45	5	U		#	5	
Turbidity	NTU	02/26/2007	N001	40	-	45	96			0		
Vinyl chloride	ug/L	02/26/2007	N002	40	-	45	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.

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/15/2007	N001	30.63	-	40.63	0.342	J		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,1-Dichloroethane	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,1-Dichloroethene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,1-Dichloropropene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,2-Dibromoethane	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,2-Dichloroethane	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,2-Dichloropropane	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichlorobenzene	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
1,3-Dichloropropane	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/15/2007	N001	30.63 - 40.63	0.254	J		#	5	
2,2-Dichloropropane	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
2-Butanone	ug/L	05/15/2007	N001	30.63 - 40.63	100	U		#	100	
2-Chlorotoluene	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
2-Hexanone	ug/L	05/15/2007	N001	30.63 - 40.63	50	U		#	50	
4-Chlorotoluene	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/15/2007	N001	30.63 - 40.63	50	U		#	50	
Acetone	ug/L	05/15/2007	N001	30.63 - 40.63	100	U		#	100	
Benzene	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Bromobenzene	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Bromochloromethane	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Bromodichloromethane	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Bromoform	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Bromomethane	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Carbon Disulfide	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Carbon tetrachloride	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Chlorobenzene	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chlorodibromomethane	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
Chloroethane	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
Chloroform	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
Chloromethane	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
Dibromomethane	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
Dissolved Oxygen	mg/L	05/15/2007	N002	30.63	-	40.63	5.03			0		
Ethylbenzene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
Hexachlorobutadiene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
Isopropylbenzene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
Methylene chloride	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
n-Butylbenzene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
n-Propylbenzene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
Naphthalene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
Oxidation Reduction Potential	mV	05/15/2007	N002	30.63	-	40.63	88.2			0		
p-Isopropyltoluene	ug/L	05/15/2007	N001	30.63	-	40.63	5	U		#	5	
pH	s.u.	05/15/2007	N002	30.63	-	40.63	6.89			0		

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
sec-Butylbenzene	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Specific Conductance	umhos /cm	05/15/2007	N002	30.63 - 40.63	1271			0		
Styrene	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Temperature	C	05/15/2007	N002	30.63 - 40.63	17.09			0		
tert-Butylbenzene	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Tetrachloroethene	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Toluene	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Total Xylenes	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Trichloroethene	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Trichlorofluoromethane	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	
Tritium	pCi/L	05/15/2007	N001	30.63 - 40.63	274	U		#	344	211
Turbidity	NTU	05/15/2007	N002	30.63 - 40.63	755			0		
Vinyl chloride	ug/L	05/15/2007	N001	30.63 - 40.63	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	05/15/2007	N001	45	-	55	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,1-Dichloroethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,1-Dichloroethene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,1-Dichloropropene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,2-Dibromoethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,2-Dichloroethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,2-Dichloropropane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
2,2-Dichloropropane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
2-Butanone	ug/L	05/15/2007	N001	45	-	55	100	U		#	100	
2-Chlorotoluene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
2-Hexanone	ug/L	05/15/2007	N001	45	-	55	50	U		#	50	
4-Chlorotoluene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/15/2007	N001	45	-	55	50	U		#	50	
Acetone	ug/L	05/15/2007	N001	45	-	55	100	U		#	100	
Benzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Bromobenzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Bromochloromethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Bromodichloromethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Bromoform	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Bromomethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Carbon Disulfide	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Carbon tetrachloride	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Chlorobenzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Chlorodibromomethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Chloroform	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Chloromethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Dibromomethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Dissolved Oxygen	mg/L	05/15/2007	N002	45	-	55	2.71			0		
Ethylbenzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Hexachlorobutadiene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Isopropylbenzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Methylene chloride	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
n-Butylbenzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
n-Propylbenzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Naphthalene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Oxidation Reduction Potential	mV	05/15/2007	N002	45	-	55	76.8			0		
p-Isopropyltoluene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
pH	s.u.	05/15/2007	N002	45	-	55	6.82			0		
sec-Butylbenzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	05/15/2007	N002	45	-	55	1350			0		
Styrene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Temperature	C	05/15/2007	N002	45	-	55	16.27			0		
tert-Butylbenzene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Tetrachloroethene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Toluene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Total Xylenes	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Trichloroethene	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Trichlorofluoromethane	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	
Turbidity	NTU	05/15/2007	N002	45	-	55	0.32			0		
Vinyl chloride	ug/L	05/15/2007	N001	45	-	55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,1-Dichloroethane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,1-Dichloroethene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,1-Dichloropropene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,2-Dibromoethane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,2-Dichloroethane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,2-Dichloropropane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
2,2-Dichloropropane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
2-Butanone	ug/L	05/15/2007	N001	43.83	-	53.83	100	U		#	100	
2-Chlorotoluene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
2-Hexanone	ug/L	05/15/2007	N001	43.83	-	53.83	50	U		#	50	
4-Chlorotoluene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/15/2007	N001	43.83	-	53.83	50	U		#	50	
Acetone	ug/L	05/15/2007	N001	43.83	-	53.83	100	U		#	100	
Benzene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
Bromobenzene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
Bromochloromethane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
Bromodichloromethane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
Bromoform	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
Bromomethane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
Carbon Disulfide	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
Carbon tetrachloride	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
Chlorobenzene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
Chlorodibromomethane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	05/15/2007	N001	43.83 - 53.83	5	U		#	5	
Chloroform	ug/L	05/15/2007	N001	43.83 - 53.83	0.341	J	U	#	5	
Chloromethane	ug/L	05/15/2007	N001	43.83 - 53.83	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/15/2007	N001	43.83 - 53.83	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/15/2007	N001	43.83 - 53.83	5	U		#	5	
Dibromomethane	ug/L	05/15/2007	N001	43.83 - 53.83	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/15/2007	N001	43.83 - 53.83	5	U		#	5	
Dissolved Oxygen	mg/L	05/15/2007	N002	43.83 - 53.83	2.27			0		
Ethylbenzene	ug/L	05/15/2007	N001	43.83 - 53.83	5	U		#	5	
Hexachlorobutadiene	ug/L	05/15/2007	N001	43.83 - 53.83	5	U		#	5	
Isopropylbenzene	ug/L	05/15/2007	N001	43.83 - 53.83	5	U		#	5	
Methylene chloride	ug/L	05/15/2007	N001	43.83 - 53.83	5	U		#	5	
n-Butylbenzene	ug/L	05/15/2007	N001	43.83 - 53.83	5	U		#	5	
n-Propylbenzene	ug/L	05/15/2007	N001	43.83 - 53.83	5	U		#	5	
Naphthalene	ug/L	05/15/2007	N001	43.83 - 53.83	5	U		#	5	
Oxidation Reduction Potential	mV	05/15/2007	N002	43.83 - 53.83	104.2			0		
p-Isopropyltoluene	ug/L	05/15/2007	N001	43.83 - 53.83	5	U		#	5	
pH	s.u.	05/15/2007	N002	43.83 - 53.83	6.78			0		
sec-Butylbenzene	ug/L	05/15/2007	N001	43.83 - 53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	05/15/2007	N002	43.83	-	53.83	1331			0		
Styrene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
Temperature	C	05/15/2007	N002	43.83	-	53.83	16.25			0		
tert-Butylbenzene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
Tetrachloroethene	ug/L	05/15/2007	N001	43.83	-	53.83	1.02	J		#	5	
Toluene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
Total Xylenes	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
Trichloroethene	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
Trichlorofluoromethane	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	
Turbidity	NTU	05/15/2007	N002	43.83	-	53.83	5.11			0		
Vinyl chloride	ug/L	05/15/2007	N001	43.83	-	53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	05/15/2007	N001	31	-	41	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,1-Dichloroethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,1-Dichloroethene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,1-Dichloropropene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,2-Dibromoethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,2-Dichloroethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,2-Dichloropropane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/15/2007	N001	31	-	41	0.271	J		#	5	
2,2-Dichloropropane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
2-Butanone	ug/L	05/15/2007	N001	31	-	41	100	U		#	100	
2-Chlorotoluene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
2-Hexanone	ug/L	05/15/2007	N001	31	-	41	50	U		#	50	
4-Chlorotoluene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/15/2007	N001	31	-	41	50	U		#	50	
Acetone	ug/L	05/15/2007	N001	31	-	41	100	U		#	100	
Benzene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Bromobenzene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Bromochloromethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Bromodichloromethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Bromoform	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Bromomethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Carbon Disulfide	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Carbon tetrachloride	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Chlorobenzene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Chlorodibromomethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Chloroform	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Chloromethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Dibromomethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Dissolved Oxygen	mg/L	05/15/2007	N002	31	-	41	2.81			0		
Ethylbenzene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Hexachlorobutadiene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Isopropylbenzene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Methylene chloride	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
n-Butylbenzene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
n-Propylbenzene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Naphthalene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Oxidation Reduction Potential	mV	05/15/2007	N002	31	-	41	49.2			0		
p-Isopropyltoluene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
pH	s.u.	05/15/2007	N002	31	-	41	6.88			0		
sec-Butylbenzene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	05/15/2007	N002	31	-	41	1391			0		
Styrene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Temperature	C	05/15/2007	N002	31	-	41	16.59			0		
tert-Butylbenzene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Tetrachloroethene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Toluene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Total Xylenes	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Trichloroethene	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Trichlorofluoromethane	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	
Tritium	pCi/L	05/15/2007	N001	31	-	41	6810			#	379	517
Turbidity	NTU	05/15/2007	N002	31	-	41	482			0		
Vinyl chloride	ug/L	05/15/2007	N001	31	-	41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,1-Dichloroethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,1-Dichloroethene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,1-Dichloropropene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,2-Dibromoethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,2-Dichloroethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,2-Dichloropropane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/15/2007	N001	75.5	-	85.5	0.579	J		#	5	
2,2-Dichloropropane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
2-Butanone	ug/L	05/15/2007	N001	75.5	-	85.5	100	U		#	100	
2-Chlorotoluene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
2-Hexanone	ug/L	05/15/2007	N001	75.5	-	85.5	50	U		#	50	
4-Chlorotoluene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/15/2007	N001	75.5	-	85.5	50	U		#	50	
Acetone	ug/L	05/15/2007	N001	75.5	-	85.5	100	U		#	100	
Benzene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Bromobenzene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Bromochloromethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Bromodichloromethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Bromoform	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Bromomethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Carbon Disulfide	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Carbon tetrachloride	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Chlorobenzene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Chlorodibromomethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Chloroform	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Chloromethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Dibromomethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Dissolved Oxygen	mg/L	05/15/2007	N002	75.5	-	85.5	1.6			0		
Ethylbenzene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Hexachlorobutadiene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Isopropylbenzene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Methylene chloride	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
n-Butylbenzene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
n-Propylbenzene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Naphthalene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Oxidation Reduction Potential	mV	05/15/2007	N002	75.5	-	85.5	-179.1			0		
p-Isopropyltoluene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
pH	s.u.	05/15/2007	N002	75.5	-	85.5	7.45			0		
sec-Butylbenzene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	05/15/2007	N002	75.5	-	85.5	1095			0		
Styrene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Temperature	C	05/15/2007	N002	75.5	-	85.5	26.59			0		
tert-Butylbenzene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Tetrachloroethene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Toluene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Total Xylenes	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Trichloroethene	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Trichlorofluoromethane	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	
Tritium	pCi/L	05/15/2007	N001	75.5	-	85.5	347		J	#	344	216
Turbidity	NTU	05/15/2007	N002	75.5	-	85.5	205			0		
Vinyl chloride	ug/L	05/15/2007	N001	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,1-Dichloroethane	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,1-Dichloroethene	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,1-Dichloropropene	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,2-Dibromoethane	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,2-Dichloroethane	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,2-Dichloropropane	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/15/2007	N001	21.2 - 30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0311 WELL Mound Operable Unit 1

Parameter	Units	Sample Date	ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Data	QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
2,2-Dichloropropane	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
2-Butanone	ug/L	05/15/2007	N001	21.2	-	30.5	100	U		#	100	
2-Chlorotoluene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
2-Hexanone	ug/L	05/15/2007	N001	21.2	-	30.5	50	U		#	50	
4-Chlorotoluene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/15/2007	N001	21.2	-	30.5	50	U		#	50	
Acetone	ug/L	05/15/2007	N001	21.2	-	30.5	100	U		#	100	
Benzene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Bromobenzene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Bromochloromethane	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Bromodichloromethane	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Bromoform	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Bromomethane	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Carbon Disulfide	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Carbon tetrachloride	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Chlorobenzene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Chlorodibromomethane	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Chloroform	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Chloromethane	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Dibromomethane	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Dissolved Oxygen	mg/L	05/15/2007	N002	21.2	-	30.5	0.46			0		
Ethylbenzene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Hexachlorobutadiene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Isopropylbenzene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Methylene chloride	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
n-Butylbenzene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
n-Propylbenzene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Naphthalene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Oxidation Reduction Potential	mV	05/15/2007	N002	21.2	-	30.5	-19			0		
p-Isopropyltoluene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
pH	s.u.	05/15/2007	N002	21.2	-	30.5	6.96			0		
sec-Butylbenzene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	05/15/2007	N002	21.2	-	30.5	1183			0		
Styrene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Temperature	C	05/15/2007	N002	21.2	-	30.5	18.48			0		
tert-Butylbenzene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Tetrachloroethene	ug/L	05/15/2007	N001	21.2	-	30.5	0.312	J		#	5	
Toluene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Total Xylenes	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Trichloroethene	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Trichlorofluoromethane	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	
Tritium	pCi/L	05/15/2007	N001	21.2	-	30.5	1100			#	344	261
Turbidity	NTU	05/15/2007	N002	21.2	-	30.5	483			0		
Vinyl chloride	ug/L	05/15/2007	N001	21.2	-	30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
1,1,1,2-Tetrachloroethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,1-Dichloroethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,1-Dichloroethene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,1-Dichloropropene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,2-Dibromoethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,2-Dichloroethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,2-Dichloropropane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
1,3-Dichloropropane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
2,2-Dichloropropane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
2-Butanone	ug/L	05/16/2007	N001	43.4	-	53.4	100	U		#	100	
2-Chlorotoluene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
2-Hexanone	ug/L	05/16/2007	N001	43.4	-	53.4	50	U		#	50	
4-Chlorotoluene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/16/2007	N001	43.4	-	53.4	50	U		#	50	
Acetone	ug/L	05/16/2007	N001	43.4	-	53.4	100	U		#	100	
Benzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Bromobenzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Bromochloromethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Bromodichloromethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Bromoform	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Bromomethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Carbon Disulfide	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Carbon tetrachloride	ug/L	05/16/2007	N001	43.4	-	53.4	0.835	J		#	5	
Chlorobenzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Chlorodibromomethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Chloroform	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Chloromethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Dibromomethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Dissolved Oxygen	mg/L	05/16/2007	N002	43.4	-	53.4	4.7			0		
Ethylbenzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Hexachlorobutadiene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Isopropylbenzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Methylene chloride	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
n-Butylbenzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
n-Propylbenzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Naphthalene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Oxidation Reduction Potential	mV	05/16/2007	N002	43.4	-	53.4	61.8			0		
p-Isopropyltoluene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
pH	s.u.	05/16/2007	N002	43.4	-	53.4	6.83			0		
sec-Butylbenzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	05/16/2007	N002	43.4	-	53.4	1673			0		
Styrene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Temperature	C	05/16/2007	N002	43.4	-	53.4	14.81			0		
tert-Butylbenzene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Tetrachloroethene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Toluene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Total Xylenes	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Trichloroethene	ug/L	05/16/2007	N001	43.4	-	53.4	13.2			#	5	
Trichlorofluoromethane	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	
Turbidity	NTU	05/16/2007	N002	43.4	-	53.4	11.9			0		
Vinyl chloride	ug/L	05/16/2007	N001	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	05/15/2007	N001	65	-	75	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,1-Dichloroethane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,1-Dichloroethene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,1-Dichloropropene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,2-Dibromoethane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,2-Dichloroethane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,2-Dichloropropane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
2,2-Dichloropropane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
2-Butanone	ug/L	05/15/2007	N001	65	-	75	100	U		#	100	
2-Chlorotoluene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
2-Hexanone	ug/L	05/15/2007	N001	65	-	75	50	U		#	50	
4-Chlorotoluene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/15/2007	N001	65	-	75	50	U		#	50	
Acetone	ug/L	05/15/2007	N001	65	-	75	100	U		#	100	
Benzene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Bromobenzene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Bromochloromethane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Bromodichloromethane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Bromoform	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Bromomethane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Carbon Disulfide	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Carbon tetrachloride	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Chlorobenzene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Chlorodibromomethane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	
Chloroform	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	
Chloromethane	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	
Dibromomethane	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	
Dissolved Oxygen	mg/L	05/15/2007	N002	65 - 75	0.86			0		
Ethylbenzene	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	
Hexachlorobutadiene	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	
Isopropylbenzene	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	
Methylene chloride	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	
n-Butylbenzene	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	
n-Propylbenzene	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	
Naphthalene	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	
Oxidation Reduction Potential	mV	05/15/2007	N002	65 - 75	-105.9			0		
p-Isopropyltoluene	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	
pH	s.u.	05/15/2007	N002	65 - 75	7.2			0		
sec-Butylbenzene	ug/L	05/15/2007	N001	65 - 75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	05/15/2007	N002	65	-	75	814			0		
Styrene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Temperature	C	05/15/2007	N002	65	-	75	16.2			0		
tert-Butylbenzene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Tetrachloroethene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Toluene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Total Xylenes	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Trichloroethene	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Trichlorofluoromethane	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	
Tritium	pCi/L	05/15/2007	N001	65	-	75	150	U		#	343	202
Turbidity	NTU	05/15/2007	N002	65	-	75	26			0		
Vinyl chloride	ug/L	05/15/2007	N001	65	-	75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	05/15/2007	N001	19	-	29	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,1-Dichloroethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,1-Dichloroethene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,1-Dichloropropene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,2-Dibromoethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,2-Dichloroethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,2-Dichloropropane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
2,2-Dichloropropane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
2-Butanone	ug/L	05/15/2007	N001	19	-	29	100	U		#	100	
2-Chlorotoluene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
2-Hexanone	ug/L	05/15/2007	N001	19	-	29	50	U		#	50	
4-Chlorotoluene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/15/2007	N001	19	-	29	50	U		#	50	
Acetone	ug/L	05/15/2007	N001	19	-	29	100	U		#	100	
Benzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Bromobenzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Bromochloromethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Bromodichloromethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Bromoform	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Bromomethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Carbon Disulfide	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Carbon tetrachloride	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Chlorobenzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Chlorodibromomethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Chloroform	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Chloromethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Dibromomethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Dissolved Oxygen	mg/L	05/15/2007	N002	19	-	29	5.33			0		
Ethylbenzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Hexachlorobutadiene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Isopropylbenzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Methylene chloride	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
n-Butylbenzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
n-Propylbenzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Naphthalene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Oxidation Reduction Potential	mV	05/15/2007	N002	19	-	29	103.4			0		
p-Isopropyltoluene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
pH	s.u.	05/15/2007	N002	19	-	29	6.92			0		
sec-Butylbenzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	05/15/2007	N002	19	-	29	1437			0		
Styrene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Temperature	C	05/15/2007	N002	19	-	29	15.36			0		
tert-Butylbenzene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Tetrachloroethene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Toluene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Total Xylenes	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Trichloroethene	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Trichlorofluoromethane	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	
Tritium	pCi/L	05/15/2007	N001	19	-	29	344		J	#	341	214
Turbidity	NTU	05/15/2007	N002	19	-	29	142			0		
Vinyl chloride	ug/L	05/15/2007	N001	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	05/16/2007	N001	41	-	46	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,1-Dichloroethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,1-Dichloroethene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,1-Dichloropropene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,2-Dibromoethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,2-Dichloroethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,2-Dichloropropane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/16/2007	N001	41	-	46	0.284	J		#	5	
2,2-Dichloropropane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
2-Butanone	ug/L	05/16/2007	N001	41	-	46	100	U		#	100	
2-Chlorotoluene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
2-Hexanone	ug/L	05/16/2007	N001	41	-	46	50	U		#	50	
4-Chlorotoluene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/16/2007	N001	41	-	46	50	U		#	50	
Acetone	ug/L	05/16/2007	N001	41	-	46	1.27	J		#	100	
Benzene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Bromobenzene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Bromochloromethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Bromodichloromethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Bromoform	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Bromomethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Carbon Disulfide	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Carbon tetrachloride	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Chlorobenzene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Chlorodibromomethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Chloroform	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Chloromethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Dibromomethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Dissolved Oxygen	mg/L	05/16/2007	N002	41	-	46	0.24			0		
Ethylbenzene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Hexachlorobutadiene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Isopropylbenzene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Methylene chloride	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
n-Butylbenzene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
n-Propylbenzene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Naphthalene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Oxidation Reduction Potential	mV	05/16/2007	N002	41	-	46	-48.9			0		
p-Isopropyltoluene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
pH	s.u.	05/16/2007	N002	41	-	46	6.85			0		
sec-Butylbenzene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	05/16/2007	N002	41	-	46	1875			0		
Styrene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Temperature	C	05/16/2007	N002	41	-	46	15.48			0		
tert-Butylbenzene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Tetrachloroethene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Toluene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Total Xylenes	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Trichloroethene	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Trichlorofluoromethane	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	
Tritium	pCi/L	05/16/2007	N001	41	-	46	1830			#	345	299
Turbidity	NTU	05/16/2007	N002	41	-	46	1000	>		0		
Vinyl chloride	ug/L	05/16/2007	N001	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	05/16/2007	N001	57	-	67	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,1-Dichloroethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,1-Dichloroethene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,1-Dichloropropene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,2-Dibromoethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,2-Dichloroethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,2-Dichloropropane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/16/2007	N001	57	-	67	0.297	J		#	5	
2,2-Dichloropropane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
2-Butanone	ug/L	05/16/2007	N001	57	-	67	100	U		#	100	
2-Chlorotoluene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
2-Hexanone	ug/L	05/16/2007	N001	57	-	67	50	U		#	50	
4-Chlorotoluene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/16/2007	N001	57	-	67	50	U		#	50	
Acetone	ug/L	05/16/2007	N001	57	-	67	100	U		#	100	
Benzene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Bromobenzene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Bromochloromethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Bromodichloromethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Bromoform	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Bromomethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Carbon Disulfide	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Carbon tetrachloride	ug/L	05/16/2007	N001	57	-	67	1.39	J		#	5	
Chlorobenzene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Chlorodibromomethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Chloroform	ug/L	05/16/2007	N001	57	-	67	0.319	J	U	#	5	
Chloromethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Dibromomethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Dissolved Oxygen	mg/L	05/16/2007	N002	57	-	67	2.68			0		
Ethylbenzene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Hexachlorobutadiene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Isopropylbenzene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Methylene chloride	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
n-Butylbenzene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
n-Propylbenzene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Naphthalene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Oxidation Reduction Potential	mV	05/16/2007	N002	57	-	67	-60.3			0		
p-Isopropyltoluene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
pH	s.u.	05/16/2007	N002	57	-	67	6.94			0		
sec-Butylbenzene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	05/16/2007	N002	57	-	67	1449			0		
Styrene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Temperature	C	05/16/2007	N002	57	-	67	14.85			0		
tert-Butylbenzene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Tetrachloroethene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Toluene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Total Xylenes	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Trichloroethene	ug/L	05/16/2007	N001	57	-	67	12			#	5	
Trichlorofluoromethane	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	
Tritium	pCi/L	05/16/2007	N001	57	-	67	13100			#	379	704
Turbidity	NTU	05/16/2007	N002	57	-	67	226			0		
Vinyl chloride	ug/L	05/16/2007	N001	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	05/16/2007	N001	30	-	40	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,1-Dichloroethane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,1-Dichloroethene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,1-Dichloropropene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,2-Dibromoethane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,2-Dichloroethane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,2-Dichloropropane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
2,2-Dichloropropane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
2-Butanone	ug/L	05/16/2007	N001	30	-	40	100	U		#	100	
2-Chlorotoluene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
2-Hexanone	ug/L	05/16/2007	N001	30	-	40	50	U		#	50	
4-Chlorotoluene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/16/2007	N001	30	-	40	50	U		#	50	
Acetone	ug/L	05/16/2007	N001	30	-	40	100	U		#	100	
Benzene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
Bromobenzene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
Bromochloromethane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
Bromodichloromethane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
Bromoform	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
Bromomethane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
Carbon Disulfide	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
Carbon tetrachloride	ug/L	05/16/2007	N001	30	-	40	0.676	J		#	5	
Chlorobenzene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
Chlorodibromomethane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	
Chloroform	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	
Chloromethane	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	
Dibromomethane	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	
Dissolved Oxygen	mg/L	05/16/2007	N002	30 - 40	4.17			0		
Ethylbenzene	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	
Hexachlorobutadiene	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	
Isopropylbenzene	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	
Methylene chloride	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	
n-Butylbenzene	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	
n-Propylbenzene	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	
Naphthalene	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	
Oxidation Reduction Potential	mV	05/16/2007	N002	30 - 40	6.7			0		
p-Isopropyltoluene	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	
pH	s.u.	05/16/2007	N002	30 - 40	6.82			0		
sec-Butylbenzene	ug/L	05/16/2007	N001	30 - 40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	05/16/2007	N002	30	-	40	2088			0		
Styrene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
Temperature	C	05/16/2007	N002	30	-	40	14.95			0		
tert-Butylbenzene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
Tetrachloroethene	ug/L	05/16/2007	N001	30	-	40	0.351	J		#	5	
Toluene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
Total Xylenes	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
Trichloroethene	ug/L	05/16/2007	N001	30	-	40	2.14	J		#	5	
Trichlorofluoromethane	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	
Tritium	pCi/L	05/16/2007	N001	30	-	40	1950			#	343	303
Turbidity	NTU	05/16/2007	N002	30	-	40	393			0		
Vinyl chloride	ug/L	05/16/2007	N001	30	-	40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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	05/17/2007	N001	77	-	87	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,1-Dichloroethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,1-Dichloroethene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,1-Dichloropropene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,2-Dibromoethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,2-Dichloroethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,2-Dichloropropane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/17/2007	N001	77	-	87	0.316	J		#	5	
2,2-Dichloropropane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
2-Butanone	ug/L	05/17/2007	N001	77	-	87	100	U		#	100	
2-Chlorotoluene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
2-Hexanone	ug/L	05/17/2007	N001	77	-	87	50	U		#	50	
4-Chlorotoluene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/17/2007	N001	77	-	87	50	U		#	50	
Acetone	ug/L	05/17/2007	N001	77	-	87	100	U		#	100	
Benzene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Bromobenzene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Bromochloromethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Bromodichloromethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Bromoform	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Bromomethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Carbon Disulfide	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Carbon tetrachloride	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Chlorobenzene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Chlorodibromomethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Chloroform	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Chloromethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Dibromomethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Dissolved Oxygen	mg/L	05/17/2007	N002	77	-	87	3.05			0		
Ethylbenzene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Hexachlorobutadiene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Isopropylbenzene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Methylene chloride	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
n-Butylbenzene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
n-Propylbenzene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Naphthalene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Oxidation Reduction Potential	mV	05/17/2007	N002	77	-	87	-3.7			0		
p-Isopropyltoluene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
pH	s.u.	05/17/2007	N002	77	-	87	6.83			0		
sec-Butylbenzene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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
Specific Conductance	umhos /cm	05/17/2007	N002	77	-	87	1084			0		
Styrene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Temperature	C	05/17/2007	N002	77	-	87	13.75			0		
tert-Butylbenzene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Tetrachloroethene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Toluene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Total Xylenes	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Trichloroethene	ug/L	05/17/2007	N001	77	-	87	1.49	J		#	5	
Trichlorofluoromethane	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	
Turbidity	NTU	05/17/2007	N002	77	-	87	1000	>		0		
Vinyl chloride	ug/L	05/17/2007	N001	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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	05/16/2007	N001	77	-	82	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,1-Dichloroethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,1-Dichloroethene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,1-Dichloropropene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,2-Dibromoethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,2-Dichloroethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,2-Dichloropropane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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-Dichloropropane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/16/2007	N001	77	-	82	0.363	J		#	5	
2,2-Dichloropropane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
2-Butanone	ug/L	05/16/2007	N001	77	-	82	100	U		#	100	
2-Chlorotoluene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
2-Hexanone	ug/L	05/16/2007	N001	77	-	82	50	U		#	50	
4-Chlorotoluene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/16/2007	N001	77	-	82	50	U		#	50	
Acetone	ug/L	05/16/2007	N001	77	-	82	100	U		#	100	
Benzene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Bromobenzene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Bromochloromethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Bromodichloromethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Bromoform	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Bromomethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Carbon Disulfide	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Carbon tetrachloride	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Chlorobenzene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Chlorodibromomethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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
Chloroethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Chloroform	ug/L	05/16/2007	N001	77	-	82	0.273	J	U	#	5	
Chloromethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Dibromomethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Dissolved Oxygen	mg/L	05/16/2007	N002	77	-	82	0.16			0		
Ethylbenzene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Hexachlorobutadiene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Isopropylbenzene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Methylene chloride	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
n-Butylbenzene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
n-Propylbenzene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Naphthalene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Oxidation Reduction Potential	mV	05/16/2007	N002	77	-	82	-35.2			0		
p-Isopropyltoluene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
pH	s.u.	05/16/2007	N002	77	-	82	6.66			0		
sec-Butylbenzene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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
Specific Conductance	umhos /cm	05/16/2007	N002	77	-	82	1504			0		
Styrene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Temperature	C	05/16/2007	N002	77	-	82	14.91			0		
tert-Butylbenzene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Tetrachloroethene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Toluene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Total Xylenes	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Trichloroethene	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Trichlorofluoromethane	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	
Turbidity	NTU	05/16/2007	N002	77	-	82	104			0		
Vinyl chloride	ug/L	05/16/2007	N001	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	05/17/2007	N001	42	-	52	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,1-Dichloroethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,1-Dichloroethene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,1-Dichloropropene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,2-Dibromoethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,2-Dichloroethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,2-Dichloropropane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
2,2-Dichloropropane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
2-Butanone	ug/L	05/17/2007	N001	42	-	52	100	U		#	100	
2-Chlorotoluene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
2-Hexanone	ug/L	05/17/2007	N001	42	-	52	50	U		#	50	
4-Chlorotoluene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/17/2007	N001	42	-	52	50	U		#	50	
Acetone	ug/L	05/17/2007	N001	42	-	52	100	U		#	100	
Benzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Bromobenzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Bromochloromethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Bromodichloromethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Bromoform	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Bromomethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Carbon Disulfide	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Carbon tetrachloride	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Chlorobenzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Chlorodibromomethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Chloroform	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Chloromethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Dibromomethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Dissolved Oxygen	mg/L	05/17/2007	N002	42	-	52	4.45			0		
Ethylbenzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Hexachlorobutadiene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Isopropylbenzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Methylene chloride	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
n-Butylbenzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
n-Propylbenzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Naphthalene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Oxidation Reduction Potential	mV	05/17/2007	N002	42	-	52	15.1			0		
p-Isopropyltoluene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
pH	s.u.	05/17/2007	N002	42	-	52	6.71			0		
sec-Butylbenzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	05/17/2007	N002	42	-	52	1222			0		
Styrene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Temperature	C	05/17/2007	N002	42	-	52	14.38			0		
tert-Butylbenzene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Tetrachloroethene	ug/L	05/17/2007	N001	42	-	52	0.385	J		#	5	
Toluene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Total Xylenes	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Trichloroethene	ug/L	05/17/2007	N001	42	-	52	0.881	J		#	5	
Trichlorofluoromethane	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	
Turbidity	NTU	05/17/2007	N002	42	-	52	582			0		
Vinyl chloride	ug/L	05/17/2007	N001	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	05/16/2007	N001	40	-	45	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,1-Dichloroethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,1-Dichloroethene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,1-Dichloropropene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,2-Dibromoethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,2-Dichloroethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,2-Dichloropropane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/16/2007	N001	40	-	45	0.324	J		#	5	
2,2-Dichloropropane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
2-Butanone	ug/L	05/16/2007	N001	40	-	45	100	U		#	100	
2-Chlorotoluene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
2-Hexanone	ug/L	05/16/2007	N001	40	-	45	50	U		#	50	
4-Chlorotoluene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/16/2007	N001	40	-	45	50	U		#	50	
Acetone	ug/L	05/16/2007	N001	40	-	45	100	U		#	100	
Benzene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Bromobenzene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Bromochloromethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Bromodichloromethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Bromoform	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Bromomethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Carbon Disulfide	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Carbon tetrachloride	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Chlorobenzene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Chlorodibromomethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Chloroform	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Chloromethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Dibromomethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Dissolved Oxygen	mg/L	05/16/2007	N002	40	-	45	4.35			0		
Ethylbenzene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Hexachlorobutadiene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Isopropylbenzene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Methylene chloride	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
n-Butylbenzene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
n-Propylbenzene	ug/L	05/16/2007	N001.	40	-	45	5	U		#	5	
Naphthalene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Oxidation Reduction Potential	mV	05/16/2007	N002	40	-	45	-5.9			0		
p-Isopropyltoluene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
pH	s.u.	05/16/2007	N002	40	-	45	6.75			0		
sec-Butylbenzene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	05/16/2007	N002	40	-	45	1173			0		
Styrene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Temperature	C	05/16/2007	N002	40	-	45	15.13			0		
tert-Butylbenzene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Tetrachloroethene	ug/L	05/16/2007	N001	40	-	45	0.31	J		#	5	
Toluene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Total Xylenes	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Trichloroethene	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Trichlorofluoromethane	ug/L	05/16/2007	N001	40	-	45	5	U		#	5	
Turbidity	NTU	05/16/2007	N002	40	-	45	92.8			0		
Vinyl chloride	ug/L	05/16/2007	N001	40	-	45	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.

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,1-Dichloroethane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,1-Dichloroethene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,1-Dichloropropene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,2-Dibromoethane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,2-Dichloroethane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,2-Dichloropropane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichlorobenzene	ug/L	08/16/2007	N001	30.63 - 40.63	5	U		#	5	
1,3-Dichloropropane	ug/L	08/16/2007	N001	30.63 - 40.63	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/16/2007	N001	30.63 - 40.63	0.398	BJ	U	#	5	
2,2-Dichloropropane	ug/L	08/16/2007	N001	30.63 - 40.63	5	U		#	5	
2-Butanone	ug/L	08/16/2007	N001	30.63 - 40.63	100	U		#	100	
2-Chlorotoluene	ug/L	08/16/2007	N001	30.63 - 40.63	5	U		#	5	
2-Hexanone	ug/L	08/16/2007	N001	30.63 - 40.63	50	U		#	50	
4-Chlorotoluene	ug/L	08/16/2007	N001	30.63 - 40.63	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/16/2007	N001	30.63 - 40.63	50	U		#	50	
Acetone	ug/L	08/16/2007	N001	30.63 - 40.63	2.54	J		#	100	
Benzene	ug/L	08/16/2007	N001	30.63 - 40.63	5	U		#	5	
Bromobenzene	ug/L	08/16/2007	N001	30.63 - 40.63	5	U		#	5	
Bromochloromethane	ug/L	08/16/2007	N001	30.63 - 40.63	5	U		#	5	
Bromodichloromethane	ug/L	08/16/2007	N001	30.63 - 40.63	5	U		#	5	
Bromoform	ug/L	08/16/2007	N001	30.63 - 40.63	5	U		#	5	
Bromomethane	ug/L	08/16/2007	N001	30.63 - 40.63	5	U		#	5	
Carbon Disulfide	ug/L	08/16/2007	N001	30.63 - 40.63	5	U		#	5	
Carbon tetrachloride	ug/L	08/16/2007	N001	30.63 - 40.63	5	U		#	5	
Chlorobenzene	ug/L	08/16/2007	N001	30.63 - 40.63	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chlorodibromomethane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Chloroethane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Chloroform	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Chloromethane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Dibromomethane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Dissolved Oxygen	mg/L	08/16/2007	N002	30.63	-	40.63	5.3			0		
Ethylbenzene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Hexachlorobutadiene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Isopropylbenzene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Methylene chloride	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
n-Butylbenzene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
n-Propylbenzene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Naphthalene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Oxidation Reduction Potential	mV	08/16/2007	N002	30.63	-	40.63	64.1			0		
p-Isopropyltoluene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
pH	s.u.	08/16/2007	N002	30.63	-	40.63	6.88			0		

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
sec-Butylbenzene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Specific Conductance	umhos /cm	08/16/2007	N002	30.63	-	40.63	1226			0		
Styrene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Temperature	C	08/16/2007	N002	30.63	-	40.63	16.26			0		
tert-Butylbenzene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Tetrachloroethene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Toluene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Total Xylenes	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Trichloroethene	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Trichlorofluoromethane	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	
Tritium	pCi/L	08/16/2007	N001	30.63	-	40.63	317		J	#	305	198
Turbidity	NTU	08/16/2007	N002	30.63	-	40.63	1000	>		0		
Vinyl chloride	ug/L	08/16/2007	N001	30.63	-	40.63	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	08/17/2007	N001	45	-	55	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,1-Dichloroethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,1-Dichloroethene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,1-Dichloropropene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,2-Dibromoethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,2-Dichloroethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,2-Dichloropropane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/17/2007	N001	45	-	55	0.301	BJ	U	#	5	
2,2-Dichloropropane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
2-Butanone	ug/L	08/17/2007	N001	45	-	55	100	U		#	100	
2-Chlorotoluene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
2-Hexanone	ug/L	08/17/2007	N001	45	-	55	50	U		#	50	
4-Chlorotoluene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/17/2007	N001	45	-	55	50	U		#	50	
Acetone	ug/L	08/17/2007	N001	45	-	55	100	U		#	100	
Benzene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Bromobenzene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Bromochloromethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Bromodichloromethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Bromoform	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Bromomethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Carbon Disulfide	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Carbon tetrachloride	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Chlorobenzene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Chlorodibromomethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Chloroform	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Chloromethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Dibromomethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Dissolved Oxygen	mg/L	08/17/2007	N002	45	-	55	0.45			0		
Ethylbenzene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Hexachlorobutadiene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Isopropylbenzene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Methylene chloride	ug/L	08/17/2007	N001	45	-	55	3.73	J	U	#	5	
n-Butylbenzene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
n-Propylbenzene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Naphthalene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Oxidation Reduction Potential	mV	08/17/2007	N002	45	-	55	48.3			0		
p-Isopropyltoluene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
pH	s.u.	08/17/2007	N002	45	-	55	6.75			0		
sec-Butylbenzene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	08/17/2007	N002	45	-	55	1395			0		
Styrene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Temperature	C	08/17/2007	N002	45	-	55	16.66			0		
tert-Butylbenzene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Tetrachloroethene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Toluene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Total Xylenes	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Trichloroethene	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Trichlorofluoromethane	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	
Turbidity	NTU	08/17/2007	N002	45	-	55	10.2			0		
Vinyl chloride	ug/L	08/17/2007	N001	45	-	55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,1-Dichloroethane	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,1-Dichloroethene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,1-Dichloropropene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,2-Dibromoethane	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,2-Dichloroethane	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,2-Dichloropropane	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	08/17/2007	N001	43.83 - 53.83	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/17/2007	N001	43.83 - 53.83	5	U		#	5	
2,2-Dichloropropane	ug/L	08/17/2007	N001	43.83 - 53.83	5	U		#	5	
2-Butanone	ug/L	08/17/2007	N001	43.83 - 53.83	100	U		#	100	
2-Chlorotoluene	ug/L	08/17/2007	N001	43.83 - 53.83	5	U		#	5	
2-Hexanone	ug/L	08/17/2007	N001	43.83 - 53.83	50	U		#	50	
4-Chlorotoluene	ug/L	08/17/2007	N001	43.83 - 53.83	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/17/2007	N001	43.83 - 53.83	50	U		#	50	
Acetone	ug/L	08/17/2007	N001	43.83 - 53.83	100	U		#	100	
Benzene	ug/L	08/17/2007	N001	43.83 - 53.83	5	U		#	5	
Bromobenzene	ug/L	08/17/2007	N001	43.83 - 53.83	5	U		#	5	
Bromochloromethane	ug/L	08/17/2007	N001	43.83 - 53.83	5	U		#	5	
Bromodichloromethane	ug/L	08/17/2007	N001	43.83 - 53.83	5	U		#	5	
Bromoform	ug/L	08/17/2007	N001	43.83 - 53.83	5	U		#	5	
Bromomethane	ug/L	08/17/2007	N001	43.83 - 53.83	5	U		#	5	
Carbon Disulfide	ug/L	08/17/2007	N001	43.83 - 53.83	5	U		#	5	
Carbon tetrachloride	ug/L	08/17/2007	N001	43.83 - 53.83	5	U		#	5	
Chlorobenzene	ug/L	08/17/2007	N001	43.83 - 53.83	5	U		#	5	
Chlorodibromomethane	ug/L	08/17/2007	N001	43.83 - 53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
Chloroform	ug/L	08/17/2007	N001	43.83	-	53.83	0.365	J	U	#	5	
Chloromethane	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
Dibromomethane	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
Dissolved Oxygen	mg/L	08/17/2007	N002	43.83	-	53.83	0.22			0		
Ethylbenzene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
Hexachlorobutadiene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
Isopropylbenzene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
Methylene chloride	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
n-Butylbenzene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
n-Propylbenzene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
Naphthalene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
Oxidation Reduction Potential	mV	08/17/2007	N002	43.83	-	53.83	48.9			0		
p-Isopropyltoluene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
pH	s.u.	08/17/2007	N002	43.83	-	53.83	6.73			0		
sec-Butylbenzene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	08/17/2007	N002	43.83	-	53.83	1304			0		
Styrene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
Temperature	C	08/17/2007	N002	43.83	-	53.83	16.13			0		
tert-Butylbenzene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
Tetrachloroethene	ug/L	08/17/2007	N001	43.83	-	53.83	1.18	J		#	5	
Toluene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
Total Xylenes	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
Trichloroethene	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
Trichlorofluoromethane	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	
Turbidity	NTU	08/17/2007	N002	43.83	-	53.83	11.5			0		
Vinyl chloride	ug/L	08/17/2007	N001	43.83	-	53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	08/17/2007	N001	31	-	41	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,1-Dichloroethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,1-Dichloroethene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,1-Dichloropropene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,2-Dibromoethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,2-Dichloroethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,2-Dichloropropane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/17/2007	N001	31	-	41	0.376	BJ	U	#	5	
2,2-Dichloropropane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
2-Butanone	ug/L	08/17/2007	N001	31	-	41	100	U		#	100	
2-Chlorotoluene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
2-Hexanone	ug/L	08/17/2007	N001	31	-	41	50	U		#	50	
4-Chlorotoluene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/17/2007	N001	31	-	41	50	U		#	50	
Acetone	ug/L	08/17/2007	N001	31	-	41	100	U		#	100	
Benzene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Bromobenzene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Bromochloromethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Bromodichloromethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Bromoform	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Bromomethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Carbon Disulfide	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Carbon tetrachloride	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Chlorobenzene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Chlorodibromomethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Chloroform	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Chloromethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Dibromomethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Dissolved Oxygen	mg/L	08/17/2007	N002	31	-	41	2.72			0		
Ethylbenzene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Hexachlorobutadiene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Isopropylbenzene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Methylene chloride	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
n-Butylbenzene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
n-Propylbenzene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Naphthalene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Oxidation Reduction Potential	mV	08/17/2007	N002	31	-	41	12.9			0		
p-Isopropyltoluene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
pH	s.u.	08/17/2007	N002	31	-	41	6.76			0		
sec-Butylbenzene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	08/17/2007	N002	31	-	41	1294			0		
Styrene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Temperature	C	08/17/2007	N002	31	-	41	14.34			0		
tert-Butylbenzene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Tetrachloroethene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Toluene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Total Xylenes	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Trichloroethene	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Trichlorofluoromethane	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	
Tritium	pCi/L	08/17/2007	N001	31	-	41	4290			#	307	891
Turbidity	NTU	08/17/2007	N002	31	-	41	1000	>		0		
Vinyl chloride	ug/L	08/17/2007	N001	31	-	41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,1-Dichloroethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,1-Dichloroethene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,1-Dichloropropene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,2-Dibromoethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,2-Dichloroethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,2-Dichloropropane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/20/2007	N001	75.5	-	85.5	0.83	BJ	U	#	5	
2,2-Dichloropropane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
2-Butanone	ug/L	08/20/2007	N001	75.5	-	85.5	100	U		#	100	
2-Chlorotoluene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
2-Hexanone	ug/L	08/20/2007	N001	75.5	-	85.5	50	U		#	50	
4-Chlorotoluene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/20/2007	N001	75.5	-	85.5	50	U		#	50	
Acetone	ug/L	08/20/2007	N001	75.5	-	85.5	100	U		#	100	
Benzene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Bromobenzene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Bromochloromethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Bromodichloromethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Bromoform	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Bromomethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Carbon Disulfide	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Carbon tetrachloride	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Chlorobenzene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Chlorodibromomethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Chloroform	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Chloromethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Dibromomethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Dissolved Oxygen	mg/L	08/20/2007	N002	75.5	-	85.5	0.05			0		
Ethylbenzene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Hexachlorobutadiene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Isopropylbenzene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Methylene chloride	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
n-Butylbenzene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
n-Propylbenzene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Naphthalene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Oxidation Reduction Potential	mV	08/20/2007	N002	75.5	-	85.5	-274.7			0		
p-Isopropyltoluene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
pH	s.u.	08/20/2007	N002	75.5	-	85.5	7.66			0		
sec-Butylbenzene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	08/20/2007	N002	75.5	-	85.5	976			0		
Styrene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Temperature	C	08/20/2007	N002	75.5	-	85.5	19.46			0		
tert-Butylbenzene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Tetrachloroethene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Toluene	ug/L	08/20/2007	N001	75.5	-	85.5	0.421	J		#	5	
Total Xylenes	ug/L	08/20/2007	N001	75.5	-	85.5	0.275	J		#	5	
trans-1,2-Dichloroethene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Trichloroethene	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Trichlorofluoromethane	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	
Tritium	pCi/L	08/20/2007	N001	75.5	-	85.5	143	U		#	296	178
Turbidity	NTU	08/20/2007	N002	75.5	-	85.5	1000	>		0		
Vinyl chloride	ug/L	08/20/2007	N001	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,1-Dichloroethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,1-Dichloroethene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,1-Dichloropropene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,2-Dibromoethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,2-Dichloroethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,2-Dichloropropane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/20/2007	N001	21.2	-	30.5	0.401	BJ	U	#	5	
2,2-Dichloropropane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
2-Butanone	ug/L	08/20/2007	N001	21.2	-	30.5	100	U		#	100	
2-Chlorotoluene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
2-Hexanone	ug/L	08/20/2007	N001	21.2	-	30.5	50	U		#	50	
4-Chlorotoluene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/20/2007	N001	21.2	-	30.5	50	U		#	50	
Acetone	ug/L	08/20/2007	N001	21.2	-	30.5	100	U		#	100	
Benzene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Bromobenzene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Bromochloromethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Bromodichloromethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Bromoform	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Bromomethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Carbon Disulfide	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Carbon tetrachloride	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Chlorobenzene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Chlorodibromomethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Chloroform	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Chloromethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Dibromomethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Dissolved Oxygen	mg/L	08/20/2007	N002	21.2	-	30.5	0.98			0		
Ethylbenzene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Hexachlorobutadiene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Isopropylbenzene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Methylene chloride	ug/L	08/20/2007	N001	21.2	-	30.5	4.43	J		#	5	
n-Butylbenzene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
n-Propylbenzene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Naphthalene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Oxidation Reduction Potential	mV	08/20/2007	N002	21.2	-	30.5	-81.1			0		
p-Isopropyltoluene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
pH	s.u.	08/20/2007	N002	21.2	-	30.5	6.87			0		
sec-Butylbenzene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	08/20/2007	N002	21.2	-	30.5	1077			0		
Styrene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Temperature	C	08/20/2007	N002	21.2	-	30.5	17.13			0		
tert-Butylbenzene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Tetrachloroethene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Toluene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Total Xylenes	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Trichloroethene	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Trichlorofluoromethane	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	
Tritium	pCi/L	08/20/2007	N001	21.2	-	30.5	916			#	303	277
Turbidity	NTU	08/20/2007	N002	21.2	-	30.5	1000	>		0		
Vinyl chloride	ug/L	08/20/2007	N001	21.2	-	30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
1,1,1,2-Tetrachloroethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,1-Dichloroethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,1-Dichloroethene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,1-Dichloropropene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,2-Dibromoethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,2-Dichloroethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,2-Dichloropropane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
1,3-Dichloropropane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/20/2007	N001	43.4	-	53.4	0.441	J		#	5	
2,2-Dichloropropane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
2-Butanone	ug/L	08/20/2007	N001	43.4	-	53.4	100	U		#	100	
2-Chlorotoluene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
2-Hexanone	ug/L	08/20/2007	N001	43.4	-	53.4	50	U		#	50	
4-Chlorotoluene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/20/2007	N001	43.4	-	53.4	50	U		#	50	
Acetone	ug/L	08/20/2007	N001	43.4	-	53.4	100	U		#	100	
Benzene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Bromobenzene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Bromochloromethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Bromodichloromethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Bromoform	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Bromomethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Carbon Disulfide	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Carbon tetrachloride	ug/L	08/20/2007	N001	43.4	-	53.4	0.939	J		#	5	
Chlorobenzene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Chlorodibromomethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Chloroform	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Chloromethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Dibromomethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Dissolved Oxygen	mg/L	08/20/2007	N002	43.4	-	53.4	1.28			0		
Ethylbenzene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Hexachlorobutadiene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Isopropylbenzene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Methylene chloride	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
n-Butylbenzene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
n-Propylbenzene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Naphthalene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Oxidation Reduction Potential	mV	08/20/2007	N002	43.4	-	53.4	-12.9			0		
p-Isopropyltoluene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
pH	s.u.	08/20/2007	N002	43.4	-	53.4	6.68			0		
sec-Butylbenzene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	08/20/2007	N002	43.4	-	53.4	1855			0		
Styrene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Temperature	C	08/20/2007	N002	43.4	-	53.4	15.66			0		
tert-Butylbenzene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Tetrachloroethene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Toluene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Total Xylenes	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Trichloroethene	ug/L	08/20/2007	N001	43.4	-	53.4	12.2			#	5	
Trichlorofluoromethane	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	
Turbidity	NTU	08/20/2007	N002	43.4	-	53.4	341			0		
Vinyl chloride	ug/L	08/20/2007	N001	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	08/20/2007	N001	65	-	75	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,1-Dichloroethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,1-Dichloroethene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,1-Dichloropropene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,2-Dibromoethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,2-Dichloroethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,2-Dichloropropane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
2,2-Dichloropropane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
2-Butanone	ug/L	08/20/2007	N001	65	-	75	100	U		#	100	
2-Chlorotoluene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
2-Hexanone	ug/L	08/20/2007	N001	65	-	75	50	U		#	50	
4-Chlorotoluene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/20/2007	N001	65	-	75	50	U		#	50	
Acetone	ug/L	08/20/2007	N001	65	-	75	100	U		#	100	
Benzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Bromobenzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Bromochloromethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Bromodichloromethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Bromoform	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Bromomethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Carbon Disulfide	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Carbon tetrachloride	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Chlorobenzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Chlorodibromomethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Chloroform	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Chloromethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Dibromomethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Dissolved Oxygen	mg/L	08/20/2007	N002	65	-	75	0.21			0		
Ethylbenzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Hexachlorobutadiene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Isopropylbenzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Methylene chloride	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
n-Butylbenzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
n-Propylbenzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Naphthalene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Oxidation Reduction Potential	mV	08/20/2007	N002	65	-	75	-151.4			0		
p-Isopropyltoluene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
pH	s.u.	08/20/2007	N002	65	-	75	6.99			0		
sec-Butylbenzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	08/20/2007	N002	65	-	75	807			0		
Styrene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Temperature	C	08/20/2007	N002	65	-	75	16.77			0		
tert-Butylbenzene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Tetrachloroethene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Toluene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Total Xylenes	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Trichloroethene	ug/L	08/20/2007	N001	65	-	75	0.258	J		#	5	
Trichlorofluoromethane	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	
Tritium	pCi/L	08/20/2007	N001	65	-	75	170	U		#	307	186
Turbidity	NTU	08/20/2007	N002	65	-	75	212			0		
Vinyl chloride	ug/L	08/20/2007	N001	65	-	75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	08/20/2007	N001	19	-	29	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,1-Dichloroethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,1-Dichloroethene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,1-Dichloropropene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,2-Dibromoethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,2-Dichloroethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,2-Dichloropropane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
2,2-Dichloropropane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
2-Butanone	ug/L	08/20/2007	N001	19	-	29	100	U		#	100	
2-Chlorotoluene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
2-Hexanone	ug/L	08/20/2007	N001	19	-	29	50	U		#	50	
4-Chlorotoluene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/20/2007	N001	19	-	29	50	U		#	50	
Acetone	ug/L	08/20/2007	N001	19	-	29	100	U		#	100	
Benzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Bromobenzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Bromochloromethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Bromodichloromethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Bromoform	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Bromomethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Carbon Disulfide	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Carbon tetrachloride	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Chlorobenzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Chlorodibromomethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Chloroform	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Chloromethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Dibromomethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Dissolved Oxygen	mg/L	08/20/2007	N002	19	-	29	3.81			0		
Ethylbenzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Hexachlorobutadiene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Isopropylbenzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Methylene chloride	ug/L	08/20/2007	N001	19	-	29	2.01	J	J	#	5	
n-Butylbenzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
n-Propylbenzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Naphthalene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Oxidation Reduction Potential	mV	08/20/2007	N002	19	-	29	-7.5			0		
p-Isopropyltoluene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
pH	s.u.	08/20/2007	N002	19	-	29	6.78			0		
sec-Butylbenzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	08/20/2007	N002	19	-	29	1241			0		
Styrene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Temperature	C	08/20/2007	N002	19	-	29	16.7			0		
tert-Butylbenzene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Tetrachloroethene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Toluene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Total Xylenes	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Trichloroethene	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Trichlorofluoromethane	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	
Tritium	pCi/L	08/20/2007	N001	19	-	29	305		J	#	303	196
Turbidity	NTU	08/20/2007	N002	19	-	29	87.6			0		
Vinyl chloride	ug/L	08/20/2007	N001	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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	08/16/2007	N001	41	-	46	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,1-Dichloroethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,1-Dichloroethene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,1-Dichloropropene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,2-Dibromoethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,2-Dichloroethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,2-Dichloropropane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/16/2007	N001	41	-	46	0.348	J		#	5	
2,2-Dichloropropane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
2-Butanone	ug/L	08/16/2007	N001	41	-	46	100	U		#	100	
2-Chlorotoluene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
2-Hexanone	ug/L	08/16/2007	N001	41	-	46	50	U		#	50	
4-Chlorotoluene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/16/2007	N001	41	-	46	50	U		#	50	
Acetone	ug/L	08/16/2007	N001	41	-	46	100	U		#	100	
Benzene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Bromobenzene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Bromochloromethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Bromodichloromethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Bromoform	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Bromomethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Carbon Disulfide	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Carbon tetrachloride	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Chlorobenzene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Chlorodibromomethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Chloroform	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Chloromethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Dibromomethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Dissolved Oxygen	mg/L	08/16/2007	N002	41	-	46	0.06			0		
Ethylbenzene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Hexachlorobutadiene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Isopropylbenzene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Methylene chloride	ug/L	08/16/2007	N001	41	-	46	2.3	J	U	#	5	
n-Butylbenzene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
n-Propylbenzene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Naphthalene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Oxidation Reduction Potential	mV	08/16/2007	N002	41	-	46	-67			0		
p-Isopropyltoluene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
pH	s.u.	08/16/2007	N002	41	-	46	6.75			0		
sec-Butylbenzene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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
Specific Conductance	umhos /cm	08/16/2007	N002	41	-	46	1864			0		
Styrene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Temperature	C	08/16/2007	N002	41	-	46	16.66			0		
tert-Butylbenzene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Tetrachloroethene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Toluene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Total Xylenes	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Trichloroethene	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Trichlorofluoromethane	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	
Tritium	pCi/L	08/16/2007	N001	41	-	46	1760			#	306	421
Turbidity	NTU	08/16/2007	N002	41	-	46	174			0		
Vinyl chloride	ug/L	08/16/2007	N001	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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	08/16/2007	N001	57	-	67	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,1-Dichloroethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,1-Dichloroethene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,1-Dichloropropene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,2-Dibromoethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,2-Dichloroethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,2-Dichloropropane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/16/2007	N001	57	-	67	0.396	J		#	5	
2,2-Dichloropropane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
2-Butanone	ug/L	08/16/2007	N001	57	-	67	100	U		#	100	
2-Chlorotoluene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
2-Hexanone	ug/L	08/16/2007	N001	57	-	67	50	U		#	50	
4-Chlorotoluene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/16/2007	N001	57	-	67	50	U		#	50	
Acetone	ug/L	08/16/2007	N001	57	-	67	100	U		#	100	
Benzene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Bromobenzene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Bromochloromethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Bromodichloromethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Bromoform	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Bromomethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Carbon Disulfide	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Carbon tetrachloride	ug/L	08/16/2007	N001	57	-	67	3.25	J		#	5	
Chlorobenzene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Chlorodibromomethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Chloroform	ug/L	08/16/2007	N001	57	-	67	0.546	J	U	#	5	
Chloromethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Dibromomethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Dissolved Oxygen	mg/L	08/16/2007	N002	57	-	67	1.9			0		
Ethylbenzene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Hexachlorobutadiene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Isopropylbenzene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Methylene chloride	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
n-Butylbenzene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
n-Propylbenzene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Naphthalene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Oxidation Reduction Potential	mV	08/16/2007	N002	57	-	67	-71.9			0		
p-Isopropyltoluene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
pH	s.u.	08/16/2007	N002	57	-	67	6.76			0		
sec-Butylbenzene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	08/16/2007	N002	57	-	67	1855			0		
Styrene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Temperature	C	08/16/2007	N002	57	-	67	15.99			0		
tert-Butylbenzene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Tetrachloroethene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Toluene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Total Xylenes	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Trichloroethene	ug/L	08/16/2007	N001	57	-	67	26.2			#	5	
Trichlorofluoromethane	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	
Tritium	pCi/L	08/16/2007	N001	57	-	67	10200			#	301	2030
Turbidity	NTU	08/16/2007	N002	57	-	67	204			0		
Vinyl chloride	ug/L	08/16/2007	N001	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	08/16/2007	N001	30	-	40	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,1-Dichloroethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,1-Dichloroethene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,1-Dichloropropene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,2-Dibromoethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,2-Dichloroethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,2-Dichloropropane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/16/2007	N001	30	-	40	0.397	J		#	5	
2,2-Dichloropropane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
2-Butanone	ug/L	08/16/2007	N001	30	-	40	100	U		#	100	
2-Chlorotoluene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
2-Hexanone	ug/L	08/16/2007	N001	30	-	40	50	U		#	50	
4-Chlorotoluene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/16/2007	N001	30	-	40	50	U		#	50	
Acetone	ug/L	08/16/2007	N001	30	-	40	100	U		#	100	
Benzene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Bromobenzene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Bromochloromethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Bromodichloromethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Bromoform	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Bromomethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Carbon Disulfide	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Carbon tetrachloride	ug/L	08/16/2007	N001	30	-	40	0.833	J		#	5	
Chlorobenzene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Chlorodibromomethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Chloroform	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Chloromethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Dibromomethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Dissolved Oxygen	mg/L	08/16/2007	N002	30	-	40	3.46			0		
Ethylbenzene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Hexachlorobutadiene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Isopropylbenzene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Methylene chloride	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
n-Butylbenzene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
n-Propylbenzene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Naphthalene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Oxidation Reduction Potential	mV	08/16/2007	N002	30	-	40	-16.7			0		
p-Isopropyltoluene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
pH	s.u.	08/16/2007	N002	30	-	40	6.78			0		
sec-Butylbenzene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	08/16/2007	N002	30	-	40	2096			0		
Styrene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Temperature	C	08/16/2007	N002	30	-	40	16.91			0		
tert-Butylbenzene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Tetrachloroethene	ug/L	08/16/2007	N001	30	-	40	0.278	J		#	5	
Toluene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Total Xylenes	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Trichloroethene	ug/L	08/16/2007	N001	30	-	40	2.56	J		#	5	
Trichlorofluoromethane	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	
Tritium	pCi/L	08/16/2007	N001	30	-	40	1920			#	304	448
Turbidity	NTU	08/16/2007	N002	30	-	40	341			0		
Vinyl chloride	ug/L	08/16/2007	N001	30	-	40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	08/17/2007	N001	77	-	87	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,1-Dichloroethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,1-Dichloroethene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,1-Dichloropropene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,2-Dibromoethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,2-Dichloroethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,2-Dichloropropane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/17/2007	N001	77	-	87	0.434	J		#	5	
2,2-Dichloropropane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
2-Butanone	ug/L	08/17/2007	N001	77	-	87	100	U		#	100	
2-Chlorotoluene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
2-Hexanone	ug/L	08/17/2007	N001	77	-	87	50	U		#	50	
4-Chlorotoluene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/17/2007	N001	77	-	87	50	U		#	50	
Acetone	ug/L	08/17/2007	N001	77	-	87	100	U		#	100	
Benzene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Bromobenzene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Bromochloromethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Bromodichloromethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Bromoform	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Bromomethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Carbon Disulfide	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Carbon tetrachloride	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Chlorobenzene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Chlorodibromomethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Chloroform	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Chloromethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Dibromomethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Dissolved Oxygen	mg/L	08/17/2007	N002	77	-	87	4.36			0		
Ethylbenzene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Hexachlorobutadiene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Isopropylbenzene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Methylene chloride	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
n-Butylbenzene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
n-Propylbenzene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Naphthalene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Oxidation Reduction Potential	mV	08/17/2007	N002	77	-	87	-13.3			0		
p-Isopropyltoluene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
pH	s.u.	08/17/2007	N002	77	-	87	6.62			0		
sec-Butylbenzene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	08/17/2007	N002	77	-	87	1214			0		
Styrene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Temperature	C	08/17/2007	N002	77	-	87	15.44			0		
tert-Butylbenzene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Tetrachloroethene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Toluene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Total Xylenes	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Trichloroethene	ug/L	08/17/2007	N001	77	-	87	3.96	J		#	5	
Trichlorofluoromethane	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	
Turbidity	NTU	08/17/2007	N002	77	-	87	327			0		
Vinyl chloride	ug/L	08/17/2007	N001	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	08/17/2007	N001	77	-	82	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,1-Dichloroethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,1-Dichloroethene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,1-Dichloropropene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,2-Dibromoethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,2-Dichloroethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,2-Dichloropropane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/17/2007	N001	77	-	82	0.407	J		#	5	
2,2-Dichloropropane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
2-Butanone	ug/L	08/17/2007	N001	77	-	82	100	U		#	100	
2-Chlorotoluene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
2-Hexanone	ug/L	08/17/2007	N001	77	-	82	50	U		#	50	
4-Chlorotoluene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/17/2007	N001	77	-	82	50	U		#	50	
Acetone	ug/L	08/17/2007	N001	77	-	82	100	U		#	100	
Benzene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Bromobenzene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Bromochloromethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Bromodichloromethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Bromoform	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Bromomethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Carbon Disulfide	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Carbon tetrachloride	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Chlorobenzene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Chlorodibromomethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Chloroform	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Chloromethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Dibromomethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Dissolved Oxygen	mg/L	08/17/2007	N002	77	-	82	0.18			0		
Ethylbenzene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Hexachlorobutadiene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Isopropylbenzene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Methylene chloride	ug/L	08/17/2007	N001	77	-	82	2.97	J	U	#	5	
n-Butylbenzene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
n-Propylbenzene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Naphthalene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Oxidation Reduction Potential	mV	08/17/2007	N002	77	-	82	-33.4			0		
p-Isopropyltoluene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
pH	s.u.	08/17/2007	N002	77	-	82	6.57			0		
sec-Butylbenzene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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
Specific Conductance	umhos /cm	08/17/2007	N002	77	-	82	1515			0		
Styrene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Temperature	C	08/17/2007	N002	77	-	82	15.18			0		
tert-Butylbenzene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Tetrachloroethene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Toluene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Total Xylenes	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Trichloroethene	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Trichlorofluoromethane	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	
Turbidity	NTU	08/17/2007	N002	77	-	82	377			0		
Vinyl chloride	ug/L	08/17/2007	N001	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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	08/17/2007	N001	42	-	52	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,1-Dichloroethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,1-Dichloroethene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,1-Dichloropropene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,2-Dibromoethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,2-Dichloroethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,2-Dichloropropane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/17/2007	N001	42	-	52	0.308	J		#	5	
2,2-Dichloropropane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
2-Butanone	ug/L	08/17/2007	N001	42	-	52	100	U		#	100	
2-Chlorotoluene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
2-Hexanone	ug/L	08/17/2007	N001	42	-	52	50	U		#	50	
4-Chlorotoluene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/17/2007	N001	42	-	52	50	U		#	50	
Acetone	ug/L	08/17/2007	N001	42	-	52	100	U		#	100	
Benzene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Bromobenzene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Bromochloromethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Bromodichloromethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Bromoform	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Bromomethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Carbon Disulfide	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Carbon tetrachloride	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Chlorobenzene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Chlorodibromomethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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
Chloroethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Chloroform	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Chloromethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Dibromomethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Dissolved Oxygen	mg/L	08/17/2007	N002	42	-	52	4.35			0		
Ethylbenzene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Hexachlorobutadiene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Isopropylbenzene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Methylene chloride	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
n-Butylbenzene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
n-Propylbenzene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Naphthalene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Oxidation Reduction Potential	mV	08/17/2007	N002	42	-	52	31.3			0		
p-Isopropyltoluene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
pH	s.u.	08/17/2007	N002	42	-	52	6.54			0		
sec-Butylbenzene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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
Specific Conductance	umhos /cm	08/17/2007	N002	42	-	52	1151			0		
Styrene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Temperature	C	08/17/2007	N002	42	-	52	15.15			0		
tert-Butylbenzene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Tetrachloroethene	ug/L	08/17/2007	N001	42	-	52	0.588	J		#	5	
Toluene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Total Xylenes	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Trichloroethene	ug/L	08/17/2007	N001	42	-	52	1.22	J		#	5	
Trichlorofluoromethane	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	
Turbidity	NTU	08/17/2007	N002	42	-	52	40.6			0		
Vinyl chloride	ug/L	08/17/2007	N001	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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	08/17/2007	N001	40	-	45	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,1-Dichloroethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,1-Dichloroethene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,1-Dichloropropene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,2-Dibromoethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,2-Dichloroethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,2-Dichloropropane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/17/2007	N001	40	-	45	0.308	J		#	5	
2,2-Dichloropropane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
2-Butanone	ug/L	08/17/2007	N001	40	-	45	100	U		#	100	
2-Chlorotoluene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
2-Hexanone	ug/L	08/17/2007	N001	40	-	45	50	U		#	50	
4-Chlorotoluene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/17/2007	N001	40	-	45	50	U		#	50	
Acetone	ug/L	08/17/2007	N001	40	-	45	100	U		#	100	
Benzene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Bromobenzene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Bromochloromethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Bromodichloromethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Bromoform	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Bromomethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Carbon Disulfide	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Carbon tetrachloride	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Chlorobenzene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Chlorodibromomethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	

Ground Water Quality Data by Location (USEE100) 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
Chloroethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Chloroform	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Chloromethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Dibromomethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Dissolved Oxygen	mg/L	08/17/2007	N002	40	-	45	3.54			0		
Ethylbenzene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Hexachlorobutadiene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Isopropylbenzene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Methylene chloride	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
n-Butylbenzene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
n-Propylbenzene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Naphthalene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Oxidation Reduction Potential	mV	08/17/2007	N002	40	-	45	-29.3			0		
p-Isopropyltoluene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
pH	s.u.	08/17/2007	N002	40	-	45	6.65			0		
sec-Butylbenzene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	

Ground Water Quality Data by Location (USEE100) 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
Specific Conductance	umhos /cm	08/17/2007	N002	40	-	45	1190			0		
Styrene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Temperature	C	08/17/2007	N002	40	-	45	15.67			0		
tert-Butylbenzene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Tetrachloroethene	ug/L	08/17/2007	N001	40	-	45	0.398	J		#	5	
Toluene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Total Xylenes	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Trichloroethene	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Trichlorofluoromethane	ug/L	08/17/2007	N001	40	-	45	5	U		#	5	
Turbidity	NTU	08/17/2007	N002	40	-	45	213			0		
Vinyl chloride	ug/L	08/17/2007	N001	40	-	45	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.

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/29/2007	N001	30.63 - 40.63	0.337	J		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,1-Dichloroethane	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,1-Dichloroethene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,1-Dichloropropene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,2-Dibromoethane	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,2-Dichloroethane	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,2-Dichloropropane	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichlorobenzene	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
1,3-Dichloropropane	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/29/2007	N001	30.63	-	40.63	0.302	J		#	5	
2,2-Dichloropropane	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
2-Butanone	ug/L	11/29/2007	N001	30.63	-	40.63	100	U		#	100	
2-Chlorotoluene	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
2-Hexanone	ug/L	11/29/2007	N001	30.63	-	40.63	50	U		#	50	
4-Chlorotoluene	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/29/2007	N001	30.63	-	40.63	50	U		#	50	
Acetone	ug/L	11/29/2007	N001	30.63	-	40.63	100	U		#	100	
Benzene	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Bromobenzene	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Bromochloromethane	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Bromodichloromethane	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Bromoform	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Bromomethane	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Carbon Disulfide	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Carbon tetrachloride	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Chlorobenzene	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chlorodibromomethane	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
Chloroethane	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
Chloroform	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
Chloromethane	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
Dibromomethane	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
Dissolved Oxygen	mg/L	11/29/2007	N001	30.63 - 40.63	5.4			0		
Ethylbenzene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
Hexachlorobutadiene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
Isopropylbenzene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
Methylene chloride	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
n-Butylbenzene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
n-Propylbenzene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
Naphthalene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
Oxidation Reduction Potential	mV	11/29/2007	N001	30.63 - 40.63	54.3			0		
p-Isopropyltoluene	ug/L	11/29/2007	N001	30.63 - 40.63	5	U		#	5	
pH	s.u.	11/29/2007	N001	30.63 - 40.63	6.94			0		

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
sec-Butylbenzene	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Specific Conductance	umhos /cm	11/29/2007	N001	30.63	-	40.63	1194			0		
Styrene	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Temperature	C	11/29/2007	N001	30.63	-	40.63	13.61			0		
tert-Butylbenzene	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Tetrachloroethene	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Toluene	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Total Xylenes	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Trichloroethene	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Trichlorofluoromethane	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	
Tritium	pCi/L	11/29/2007	N001	30.63	-	40.63	84	U		#	316	185
Turbidity	NTU	11/29/2007	N001	30.63	-	40.63	553			0		
Vinyl chloride	ug/L	11/29/2007	N001	30.63	-	40.63	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	11/28/2007	N001	45 - 55	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,1-Dichloroethane	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,1-Dichloroethene	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,1-Dichloropropene	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,2-Dibromoethane	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,2-Dichloroethane	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,2-Dichloropropane	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/28/2007	N001	45 - 55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
2,2-Dichloropropane	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
2-Butanone	ug/L	11/28/2007	N001	45	-	55	100	U		#	100	
2-Chlorotoluene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
2-Hexanone	ug/L	11/28/2007	N001	45	-	55	50	U		#	50	
4-Chlorotoluene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/28/2007	N001	45	-	55	50	U		#	50	
Acetone	ug/L	11/28/2007	N001	45	-	55	100	U		#	100	
Benzene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Bromobenzene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Bromochloromethane	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Bromodichloromethane	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Bromoform	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Bromomethane	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Carbon Disulfide	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Carbon tetrachloride	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Chlorobenzene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Chlorodibromomethane	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Chloroform	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Chloromethane	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Dibromomethane	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Dissolved Oxygen	mg/L	11/28/2007	N001	45	-	55	0.3			0		
Ethylbenzene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Hexachlorobutadiene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Isopropylbenzene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Methylene chloride	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
n-Butylbenzene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
n-Propylbenzene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Naphthalene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Oxidation Reduction Potential	mV	11/28/2007	N001	45	-	55	29.9			0		
p-Isopropyltoluene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
pH	s.u.	11/28/2007	N001	45	-	55	6.71			0		
sec-Butylbenzene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	11/28/2007	N001	45	-	55	1309			0		
Styrene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Temperature	C	11/28/2007	N001	45	-	55	13.98			0		
tert-Butylbenzene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Tetrachloroethene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Toluene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Total Xylenes	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Trichloroethene	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Trichlorofluoromethane	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	
Turbidity	NTU	11/28/2007	N001	45	-	55	2.09			0		
Vinyl chloride	ug/L	11/28/2007	N001	45	-	55	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,1-Dichloroethane	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,1-Dichloroethene	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,1-Dichloropropene	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,2-Dibromoethane	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,2-Dichloroethane	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,2-Dichloropropane	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/28/2007	N001	43.83 - 53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
2,2-Dichloropropane	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
2-Butanone	ug/L	11/28/2007	N001	43.83	-	53.83	100	U		#	100	
2-Chlorotoluene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
2-Hexanone	ug/L	11/28/2007	N001	43.83	-	53.83	50	U		#	50	
4-Chlorotoluene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/28/2007	N001	43.83	-	53.83	50	U		#	50	
Acetone	ug/L	11/28/2007	N001	43.83	-	53.83	100	U		#	100	
Benzene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Bromobenzene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Bromochloromethane	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Bromodichloromethane	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Bromoform	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Bromomethane	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Carbon Disulfide	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Carbon tetrachloride	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Chlorobenzene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Chlorodibromomethane	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Chloroform	ug/L	11/28/2007	N001	43.83	-	53.83	0.322	J	U	#	5	
Chloromethane	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Dibromomethane	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Dissolved Oxygen	mg/L	11/28/2007	N001	43.83	-	53.83	0.48			0		
Ethylbenzene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Hexachlorobutadiene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Isopropylbenzene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Methylene chloride	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
n-Butylbenzene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
n-Propylbenzene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Naphthalene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Oxidation Reduction Potential	mV	11/28/2007	N001	43.83	-	53.83	22.2			0		
p-Isopropyltoluene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
pH	s.u.	11/28/2007	N001	43.83	-	53.83	6.62			0		
sec-Butylbenzene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	11/28/2007	N001	43.83	-	53.83	1293			0		
Styrene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Temperature	C	11/28/2007	N001	43.83	-	53.83	13.78			0		
tert-Butylbenzene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Tetrachloroethene	ug/L	11/28/2007	N001	43.83	-	53.83	0.983	J		#	5	
Toluene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Total Xylenes	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Trichloroethene	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Trichlorofluoromethane	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	
Turbidity	NTU	11/28/2007	N001	43.83	-	53.83	9.17			0		
Vinyl chloride	ug/L	11/28/2007	N001	43.83	-	53.83	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	11/29/2007	N001	31	-	41	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,1-Dichloroethane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,1-Dichloroethene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,1-Dichloropropene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,2-Dibromoethane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,2-Dichloroethane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,2-Dichloropropane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
2,2-Dichloropropane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
2-Butanone	ug/L	11/29/2007	N001	31	-	41	100	U		#	100	
2-Chlorotoluene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
2-Hexanone	ug/L	11/29/2007	N001	31	-	41	50	U		#	50	
4-Chlorotoluene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/29/2007	N001	31	-	41	50	U		#	50	
Acetone	ug/L	11/29/2007	N001	31	-	41	100	U		#	100	
Benzene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Bromobenzene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Bromochloromethane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Bromodichloromethane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Bromoform	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Bromomethane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Carbon Disulfide	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Carbon tetrachloride	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Chlorobenzene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Chlorodibromomethane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	
Chloroform	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	
Chloromethane	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	
Dibromomethane	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	
Dissolved Oxygen	mg/L	11/29/2007	N001	31 - 41	3.15			0		
Ethylbenzene	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	
Hexachlorobutadiene	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	
Isopropylbenzene	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	
Methylene chloride	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	
n-Butylbenzene	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	
n-Propylbenzene	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	
Naphthalene	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	
Oxidation Reduction Potential	mV	11/29/2007	N001	31 - 41	-28.9			0		
p-Isopropyltoluene	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	
pH	s.u.	11/29/2007	N001	31 - 41	6.85			0		
sec-Butylbenzene	ug/L	11/29/2007	N001	31 - 41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	11/29/2007	N001	31	-	41	1237			0		
Styrene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Temperature	C	11/29/2007	N001	31	-	41	12.54			0		
tert-Butylbenzene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Tetrachloroethene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Toluene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Total Xylenes	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Trichloroethene	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Trichlorofluoromethane	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	
Tritium	pCi/L	11/29/2007	N001	31	-	41	1390			#	317	360
Turbidity	NTU	11/29/2007	N001	31	-	41	1000	>		0		
Vinyl chloride	ug/L	11/29/2007	N001	31	-	41	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,1-Dichloroethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,1-Dichloroethene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,1-Dichloropropene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,2-Dibromoethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,2-Dichloroethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,2-Dichloropropane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/28/2007	N001	75.5	-	85.5	0.542	J		#	5	
2,2-Dichloropropane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
2-Butanone	ug/L	11/28/2007	N001	75.5	-	85.5	100	U		#	100	
2-Chlorotoluene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
2-Hexanone	ug/L	11/28/2007	N001	75.5	-	85.5	50	U		#	50	
4-Chlorotoluene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/28/2007	N001	75.5	-	85.5	50	U		#	50	
Acetone	ug/L	11/28/2007	N001	75.5	-	85.5	100	U		#	100	
Benzene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Bromobenzene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Bromochloromethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Bromodichloromethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Bromoform	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Bromomethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Carbon Disulfide	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Carbon tetrachloride	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Chlorobenzene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Chlorodibromomethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Chloroform	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Chloromethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Dibromomethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Dissolved Oxygen	mg/L	11/28/2007	N001	75.5	-	85.5	0.09			0		
Ethylbenzene	ug/L	11/28/2007	N001	75.5	-	85.5	0.275	J		#	5	
Hexachlorobutadiene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Isopropylbenzene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Methylene chloride	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
n-Butylbenzene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
n-Propylbenzene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Naphthalene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Oxidation Reduction Potential	mV	11/28/2007	N001	75.5	-	85.5	-184.7			0		
p-Isopropyltoluene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
pH	s.u.	11/28/2007	N001	75.5	-	85.5	7.98			0		
sec-Butylbenzene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	11/28/2007	N001	75.5	-	85.5	843			0		
Styrene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Temperature	C	11/28/2007	N001	75.5	-	85.5	13.31			0		
tert-Butylbenzene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Tetrachloroethene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Toluene	ug/L	11/28/2007	N001	75.5	-	85.5	0.653	J		#	5	
Total Xylenes	ug/L	11/28/2007	N001	75.5	-	85.5	0.382	J		#	5	
trans-1,2-Dichloroethene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Trichloroethene	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Trichlorofluoromethane	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	
Tritium	pCi/L	11/28/2007	N001	75.5	-	85.5	33	U		#	318	183
Turbidity	NTU	11/28/2007	N001	75.5	-	85.5	1000	>		0		
Vinyl chloride	ug/L	11/28/2007	N001	75.5	-	85.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,1-Dichloroethane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,1-Dichloroethene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,1-Dichloropropene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,2-Dibromoethane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,2-Dichloroethane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,2-Dichloropropane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
2,2-Dichloropropane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
2-Butanone	ug/L	11/28/2007	N001	21.2	-	30.5	100	U		#	100	
2-Chlorotoluene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
2-Hexanone	ug/L	11/28/2007	N001	21.2	-	30.5	50	U		#	50	
4-Chlorotoluene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/28/2007	N001	21.2	-	30.5	50	U		#	50	
Acetone	ug/L	11/28/2007	N001	21.2	-	30.5	100	U		#	100	
Benzene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Bromobenzene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Bromochloromethane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Bromodichloromethane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Bromoform	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Bromomethane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Carbon Disulfide	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Carbon tetrachloride	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Chlorobenzene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Chlorodibromomethane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	11/28/2007	N001	21.2 - 30.5	5	U		#	5	
Chloroform	ug/L	11/28/2007	N001	21.2 - 30.5	0.27	J	U	#	5	
Chloromethane	ug/L	11/28/2007	N001	21.2 - 30.5	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/28/2007	N001	21.2 - 30.5	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/28/2007	N001	21.2 - 30.5	5	U		#	5	
Dibromomethane	ug/L	11/28/2007	N001	21.2 - 30.5	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/28/2007	N001	21.2 - 30.5	5	U		#	5	
Dissolved Oxygen	mg/L	11/28/2007	N001	21.2 - 30.5	2.55			0		
Ethylbenzene	ug/L	11/28/2007	N001	21.2 - 30.5	5	U		#	5	
Hexachlorobutadiene	ug/L	11/28/2007	N001	21.2 - 30.5	5	U		#	5	
Isopropylbenzene	ug/L	11/28/2007	N001	21.2 - 30.5	5	U		#	5	
Methylene chloride	ug/L	11/28/2007	N001	21.2 - 30.5	5	U		#	5	
n-Butylbenzene	ug/L	11/28/2007	N001	21.2 - 30.5	5	U		#	5	
n-Propylbenzene	ug/L	11/28/2007	N001	21.2 - 30.5	5	U		#	5	
Naphthalene	ug/L	11/28/2007	N001	21.2 - 30.5	5	U		#	5	
Oxidation Reduction Potential	mV	11/28/2007	N001	21.2 - 30.5	-22.1			0		
p-Isopropyltoluene	ug/L	11/28/2007	N001	21.2 - 30.5	5	U		#	5	
pH	s.u.	11/28/2007	N001	21.2 - 30.5	6.95			0		
sec-Butylbenzene	ug/L	11/28/2007	N001	21.2 - 30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	11/28/2007	N001	21.2	-	30.5	1094			0		
Styrene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Temperature	C	11/28/2007	N001	21.2	-	30.5	16.96			0		
tert-Butylbenzene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Tetrachloroethene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Toluene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Total Xylenes	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Trichloroethene	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Trichlorofluoromethane	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	
Tritium	pCi/L	11/28/2007	N001	21.2	-	30.5	1720			#	319	418
Turbidity	NTU	11/28/2007	N001	21.2	-	30.5	1000	>		0		
Vinyl chloride	ug/L	11/28/2007	N001	21.2	-	30.5	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
1,1,1,2-Tetrachloroethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,1-Dichloroethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,1-Dichloroethene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,1-Dichloropropene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,2-Dibromoethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,2-Dichloroethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,2-Dichloropropane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
1,3-Dichloropropane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
2,2-Dichloropropane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
2-Butanone	ug/L	11/27/2007	N001	43.4	-	53.4	100	U		#	100	
2-Chlorotoluene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
2-Hexanone	ug/L	11/27/2007	N001	43.4	-	53.4	50	U		#	50	
4-Chlorotoluene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/27/2007	N001	43.4	-	53.4	50	U		#	50	
Acetone	ug/L	11/27/2007	N001	43.4	-	53.4	100	U		#	100	
Benzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Bromobenzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Bromochloromethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Bromodichloromethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Bromoform	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Bromomethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Carbon Disulfide	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Carbon tetrachloride	ug/L	11/27/2007	N001	43.4	-	53.4	1.69	J		#	5	
Chlorobenzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Chlorodibromomethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Chloroform	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Chloromethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Dibromomethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Dissolved Oxygen	mg/L	11/27/2007	N001	43.4	-	53.4	2.13			0		
Ethylbenzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Hexachlorobutadiene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Isopropylbenzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Methylene chloride	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
n-Butylbenzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
n-Propylbenzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Naphthalene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Oxidation Reduction Potential	mV	11/27/2007	N001	43.4	-	53.4	12.4			0		
p-Isopropyltoluene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
pH	s.u.	11/27/2007	N001	43.4	-	53.4	6.79			0		
sec-Butylbenzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	11/27/2007	N001	43.4	-	53.4	1609			0		
Styrene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Temperature	C	11/27/2007	N001	43.4	-	53.4	14.2			0		
tert-Butylbenzene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Tetrachloroethene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Toluene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Total Xylenes	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Trichloroethene	ug/L	11/27/2007	N001	43.4	-	53.4	16.8			#	5	
Trichlorofluoromethane	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	
Turbidity	NTU	11/27/2007	N001	43.4	-	53.4	920			0		
Vinyl chloride	ug/L	11/27/2007	N001	43.4	-	53.4	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	11/28/2007	N001	65	-	75	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,1-Dichloroethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,1-Dichloroethene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,1-Dichloropropene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,2-Dibromoethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,2-Dichloroethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,2-Dichloropropane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
2,2-Dichloropropane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
2-Butanone	ug/L	11/28/2007	N001	65	-	75	100	U		#	100	
2-Chlorotoluene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
2-Hexanone	ug/L	11/28/2007	N001	65	-	75	50	U		#	50	
4-Chlorotoluene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/28/2007	N001	65	-	75	50	U		#	50	
Acetone	ug/L	11/28/2007	N001	65	-	75	100	U		#	100	
Benzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Bromobenzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Bromochloromethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Bromodichloromethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Bromoform	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Bromomethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Carbon Disulfide	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Carbon tetrachloride	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Chlorobenzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Chlorodibromomethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Chloroform	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Chloromethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Dibromomethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Dissolved Oxygen	mg/L	11/28/2007	N001	65	-	75	0.33			0		
Ethylbenzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Hexachlorobutadiene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Isopropylbenzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Methylene chloride	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
n-Butylbenzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
n-Propylbenzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Naphthalene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Oxidation Reduction Potential	mV	11/28/2007	N001	65	-	75	-126			0		
p-Isopropyltoluene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
pH	s.u.	11/28/2007	N001	65	-	75	6.98			0		
sec-Butylbenzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	11/28/2007	N001	65	-	75	794			0		
Styrene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Temperature	C	11/28/2007	N001	65	-	75	14.22			0		
tert-Butylbenzene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Tetrachloroethene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Toluene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Total Xylenes	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Trichloroethene	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Trichlorofluoromethane	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	
Tritium	pCi/L	11/28/2007	N001	65	-	75	65.6	U		#	320	186
Turbidity	NTU	11/28/2007	N001	65	-	75	14.1			0		
Vinyl chloride	ug/L	11/28/2007	N001	65	-	75	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	11/28/2007	N001	19	-	29	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,1-Dichloroethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,1-Dichloroethene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,1-Dichloropropene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,2-Dibromoethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,2-Dichloroethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,2-Dichloropropane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
2,2-Dichloropropane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
2-Butanone	ug/L	11/28/2007	N001	19	-	29	100	U		#	100	
2-Chlorotoluene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
2-Hexanone	ug/L	11/28/2007	N001	19	-	29	50	U		#	50	
4-Chlorotoluene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/28/2007	N001	19	-	29	50	U		#	50	
Acetone	ug/L	11/28/2007	N001	19	-	29	100	U		#	100	
Benzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Bromobenzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Bromochloromethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Bromodichloromethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Bromoform	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Bromomethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Carbon Disulfide	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Carbon tetrachloride	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Chlorobenzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Chlorodibromomethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Chloroform	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Chloromethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Dibromomethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Dissolved Oxygen	mg/L	11/28/2007	N001	19	-	29	5.07			0		
Ethylbenzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Hexachlorobutadiene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Isopropylbenzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Methylene chloride	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
n-Butylbenzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
n-Propylbenzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Naphthalene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Oxidation Reduction Potential	mV	11/28/2007	N001	19	-	29	-20.7			0		
p-Isopropyltoluene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
pH	s.u.	11/28/2007	N001	19	-	29	6.87			0		
sec-Butylbenzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	11/28/2007	N001	19	-	29	1270			0		
Styrene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Temperature	C	11/28/2007	N001	19	-	29	14.99			0		
tert-Butylbenzene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Tetrachloroethene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Toluene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Total Xylenes	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Trichloroethene	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Trichlorofluoromethane	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	
Tritium	pCi/L	11/28/2007	N001	19	-	29	346	U		#	362	235
Turbidity	NTU	11/28/2007	N001	19	-	29	155			0		
Vinyl chloride	ug/L	11/28/2007	N001	19	-	29	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	11/28/2007	N001	41	-	46	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,1-Dichloroethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,1-Dichloroethene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,1-Dichloropropene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,2-Dibromoethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,2-Dichloroethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,2-Dichloropropane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
2,2-Dichloropropane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
2-Butanone	ug/L	11/28/2007	N001	41	-	46	100	U		#	100	
2-Chlorotoluene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
2-Hexanone	ug/L	11/28/2007	N001	41	-	46	50	U		#	50	
4-Chlorotoluene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/28/2007	N001	41	-	46	50	U		#	50	
Acetone	ug/L	11/28/2007	N001	41	-	46	100	U		#	100	
Benzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Bromobenzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Bromochloromethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Bromodichloromethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Bromoform	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Bromomethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Carbon Disulfide	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Carbon tetrachloride	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Chlorobenzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Chlorodibromomethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Chloroform	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Chloromethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Dibromomethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Dissolved Oxygen	mg/L	11/27/2007	N001	41	-	46	0.61			0		
Ethylbenzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Hexachlorobutadiene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Isopropylbenzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Methylene chloride	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
n-Butylbenzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
n-Propylbenzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Naphthalene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Oxidation Reduction Potential	mV	11/27/2007	N001	41	-	46	-52.2			0		
p-Isopropyltoluene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
pH	s.u.	11/27/2007	N001	41	-	46	6.91			0		
sec-Butylbenzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	11/27/2007	N001	41	-	46	1779			0		
Styrene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Temperature	C	11/27/2007	N001	41	-	46	13.71			0		
tert-Butylbenzene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Tetrachloroethene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Toluene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Total Xylenes	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Trichloroethene	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Trichlorofluoromethane	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	
Tritium	pCi/L	11/28/2007	N001	41	-	46	2610			#	366	609
Turbidity	NTU	11/27/2007	N001	41	-	46	105			0		
Vinyl chloride	ug/L	11/28/2007	N001	41	-	46	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	11/27/2007	N001	57	-	67	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,1-Dichloroethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,1-Dichloroethene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,1-Dichloropropene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,2-Dibromoethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,2-Dichloroethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,2-Dichloropropane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/27/2007	N001	57	-	67	0.317	J		#	5	
2,2-Dichloropropane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
2-Butanone	ug/L	11/27/2007	N001	57	-	67	100	U		#	100	
2-Chlorotoluene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
2-Hexanone	ug/L	11/27/2007	N001	57	-	67	50	U		#	50	
4-Chlorotoluene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/27/2007	N001	57	-	67	50	U		#	50	
Acetone	ug/L	11/27/2007	N001	57	-	67	1.86	J		#	100	
Benzene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Bromobenzene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Bromochloromethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Bromodichloromethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Bromoform	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Bromomethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Carbon Disulfide	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Carbon tetrachloride	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Chlorobenzene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Chlorodibromomethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Chloroform	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Chloromethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Dibromomethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Dissolved Oxygen	mg/L	11/27/2007	N001	57	-	67	7.28			0		
Ethylbenzene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Hexachlorobutadiene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Isopropylbenzene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Methylene chloride	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
n-Butylbenzene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
n-Propylbenzene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Naphthalene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Oxidation Reduction Potential	mV	11/27/2007	N001	57	-	67	-39.1			0		
p-Isopropyltoluene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
pH	s.u.	11/27/2007	N001	57	-	67	6.64			0		
sec-Butylbenzene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	11/27/2007	N001	57	-	67	655			0		
Styrene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Temperature	C	11/27/2007	N001	57	-	67	13.76			0		
tert-Butylbenzene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Tetrachloroethene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Toluene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Total Xylenes	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Trichloroethene	ug/L	11/27/2007	N001	57	-	67	0.431	J		#	5	
Trichlorofluoromethane	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	
Tritium	pCi/L	11/27/2007	N001	57	-	67	157	U		#	372	221
Turbidity	NTU	11/27/2007	N001	57	-	67	454			0		
Vinyl chloride	ug/L	11/27/2007	N001	57	-	67	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	11/27/2007	N001	30	-	40	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,1-Dichloroethane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,1-Dichloroethene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,1-Dichloropropene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,2-Dibromoethane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,2-Dichloroethane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,2-Dichloropropane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
2,2-Dichloropropane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
2-Butanone	ug/L	11/27/2007	N001	30	-	40	100	U		#	100	
2-Chlorotoluene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
2-Hexanone	ug/L	11/27/2007	N001	30	-	40	50	U		#	50	
4-Chlorotoluene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/27/2007	N001	30	-	40	50	U		#	50	
Acetone	ug/L	11/27/2007	N001	30	-	40	100	U		#	100	
Benzene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
Bromobenzene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
Bromochloromethane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
Bromodichloromethane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
Bromoform	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
Bromomethane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
Carbon Disulfide	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
Carbon tetrachloride	ug/L	11/27/2007	N001	30	-	40	0.932	J		#	5	
Chlorobenzene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
Chlorodibromomethane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	
Chloroform	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	
Chloromethane	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	
Dibromomethane	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	
Dissolved Oxygen	mg/L	11/27/2007	N001	30 - 40	1.23			0		
Ethylbenzene	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	
Hexachlorobutadiene	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	
Isopropylbenzene	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	
Methylene chloride	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	
n-Butylbenzene	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	
n-Propylbenzene	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	
Naphthalene	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	
Oxidation Reduction Potential	mV	11/27/2007	N001	30 - 40	-45			0		
p-Isopropyltoluene	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	
pH	s.u.	11/27/2007	N001	30 - 40	6.75			0		
sec-Butylbenzene	ug/L	11/27/2007	N001	30 - 40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	11/27/2007	N001	30	-	40	2012			0		
Styrene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
Temperature	C	11/27/2007	N001	30	-	40	14.55			0		
tert-Butylbenzene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
Tetrachloroethene	ug/L	11/27/2007	N001	30	-	40	0.476	J		#	5	
Toluene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
Total Xylenes	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
Trichloroethene	ug/L	11/27/2007	N001	30	-	40	2.07	J		#	5	
Trichlorofluoromethane	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	
Tritium	pCi/L	11/27/2007	N001	30	-	40	1750			#	373	456
Turbidity	NTU	11/27/2007	N001	30	-	40	385			0		
Vinyl chloride	ug/L	11/27/2007	N001	30	-	40	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	11/27/2007	N001	77	-	87	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,1-Dichloroethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,1-Dichloroethene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,1-Dichloropropene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,2-Dibromoethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,2-Dichloroethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,2-Dichloropropane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/27/2007	N001	77	-	87	0.256	J		#	5	
2,2-Dichloropropane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
2-Butanone	ug/L	11/27/2007	N001	77	-	87	100	U		#	100	
2-Chlorotoluene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
2-Hexanone	ug/L	11/27/2007	N001	77	-	87	50	U		#	50	
4-Chlorotoluene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/27/2007	N001	77	-	87	50	U		#	50	
Acetone	ug/L	11/27/2007	N001	77	-	87	100	U		#	100	
Benzene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Bromobenzene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Bromochloromethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Bromodichloromethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Bromoform	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Bromomethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Carbon Disulfide	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Carbon tetrachloride	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Chlorobenzene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Chlorodibromomethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Chloroform	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Chloromethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Dibromomethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Dissolved Oxygen	mg/L	11/27/2007	N001	77	-	87	2.39			0		
Ethylbenzene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Hexachlorobutadiene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Isopropylbenzene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Methylene chloride	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
n-Butylbenzene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
n-Propylbenzene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Naphthalene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Oxidation Reduction Potential	mV	11/27/2007	N001	77	-	87	42			0		
p-Isopropyltoluene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
pH	s.u.	11/27/2007	N001	77	-	87	6.79			0		
sec-Butylbenzene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
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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
Specific Conductance	umhos /cm	11/27/2007	N001	77	-	87	800			0		
Styrene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Temperature	C	11/27/2007	N001	77	-	87	12.74			0		
tert-Butylbenzene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Tetrachloroethene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Toluene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Total Xylenes	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Trichloroethene	ug/L	11/27/2007	N001	77	-	87	0.345	J		#	5	
Trichlorofluoromethane	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	
Turbidity	NTU	11/27/2007	N001	77	-	87	153			0		
Vinyl chloride	ug/L	11/27/2007	N001	77	-	87	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	11/27/2007	N001	77	-	82	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,1-Dichloroethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,1-Dichloroethene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,1-Dichloropropene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,2-Dibromoethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,2-Dichloroethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,2-Dichloropropane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/27/2007	N001	77	-	82	0.291	J		#	5	
2,2-Dichloropropane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
2-Butanone	ug/L	11/27/2007	N001	77	-	82	100	U		#	100	
2-Chlorotoluene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
2-Hexanone	ug/L	11/27/2007	N001	77	-	82	50	U		#	50	
4-Chlorotoluene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/27/2007	N001	77	-	82	50	U		#	50	
Acetone	ug/L	11/27/2007	N001	77	-	82	100	U		#	100	
Benzene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Bromobenzene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Bromochloromethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Bromodichloromethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Bromoform	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Bromomethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Carbon Disulfide	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Carbon tetrachloride	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Chlorobenzene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Chlorodibromomethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Chloroform	ug/L	11/27/2007	N001	77	-	82	0.285	J	U	#	5	
Chloromethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Dibromomethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Dissolved Oxygen	mg/L	11/27/2007	N001	77	-	82	0.4			0		
Ethylbenzene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Hexachlorobutadiene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Isopropylbenzene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Methylene chloride	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
n-Butylbenzene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
n-Propylbenzene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Naphthalene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Oxidation Reduction Potential	mV	11/27/2007	N001	77	-	82	-19.9			0		
p-Isopropyltoluene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
pH	s.u.	11/27/2007	N001	77	-	82	6.7			0		
sec-Butylbenzene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	11/27/2007	N001	77	-	82	1499			0		
Styrene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Temperature	C	11/27/2007	N001	77	-	82	13.51			0		
tert-Butylbenzene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Tetrachloroethene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Toluene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Total Xylenes	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Trichloroethene	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Trichlorofluoromethane	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	
Turbidity	NTU	11/27/2007	N001	77	-	82	283			0		
Vinyl chloride	ug/L	11/27/2007	N001	77	-	82	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	11/27/2007	N001	42	-	52	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,1-Dichloroethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,1-Dichloroethene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,1-Dichloropropene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,2-Dibromoethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,2-Dichloroethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,2-Dichloropropane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
2,2-Dichloropropane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
2-Butanone	ug/L	11/27/2007	N001	42	-	52	100	U		#	100	
2-Chlorotoluene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
2-Hexanone	ug/L	11/27/2007	N001	42	-	52	50	U		#	50	
4-Chlorotoluene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/27/2007	N001	42	-	52	50	U		#	50	
Acetone	ug/L	11/27/2007	N001	42	-	52	100	U		#	100	
Benzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Bromobenzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Bromochloromethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Bromodichloromethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Bromoform	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Bromomethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Carbon Disulfide	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Carbon tetrachloride	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Chlorobenzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Chlorodibromomethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Chloroform	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Chloromethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Dibromomethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Dissolved Oxygen	mg/L	11/27/2007	N001	42	-	52	3.58			0		
Ethylbenzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Hexachlorobutadiene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Isopropylbenzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Methylene chloride	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
n-Butylbenzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
n-Propylbenzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Naphthalene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Oxidation Reduction Potential	mV	11/27/2007	N001	42	-	52	-5.7			0		
p-Isopropyltoluene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
pH	s.u.	11/27/2007	N001	42	-	52	6.69			0		
sec-Butylbenzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	11/27/2007	N001	42	-	52	1036			0		
Styrene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Temperature	C	11/27/2007	N001	42	-	52	13.25			0		
tert-Butylbenzene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Tetrachloroethene	ug/L	11/27/2007	N001	42	-	52	0.483	J		#	5	
Toluene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Total Xylenes	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Trichloroethene	ug/L	11/27/2007	N001	42	-	52	1.28	J		#	5	
Trichlorofluoromethane	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	
Turbidity	NTU	11/27/2007	N001	42	-	52	921			0		
Vinyl chloride	ug/L	11/27/2007	N001	42	-	52	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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	11/27/2007	N001	40	-	45	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,1-Dichloroethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,1-Dichloroethene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,1-Dichloropropene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,2-Dibromoethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,2-Dichloroethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,2-Dichloropropane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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-Dichloropropane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
2,2-Dichloropropane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
2-Butanone	ug/L	11/27/2007	N001	40	-	45	100	U		#	100	
2-Chlorotoluene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
2-Hexanone	ug/L	11/27/2007	N001	40	-	45	50	U		#	50	
4-Chlorotoluene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/27/2007	N001	40	-	45	50	U		#	50	
Acetone	ug/L	11/27/2007	N001	40	-	45	100	U		#	100	
Benzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Bromobenzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Bromochloromethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Bromodichloromethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Bromoform	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Bromomethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Carbon Disulfide	ug/L	11/27/2007	N001	40	-	45	1.53	J	U	#	5	
Carbon tetrachloride	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Chlorobenzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Chlorodibromomethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Chloroethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Chloroform	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Chloromethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Dibromomethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Dissolved Oxygen	mg/L	11/27/2007	N001	40	-	45	3.57			0		
Ethylbenzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Hexachlorobutadiene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Isopropylbenzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Methylene chloride	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
n-Butylbenzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
n-Propylbenzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Naphthalene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Oxidation Reduction Potential	mV	11/27/2007	N001	40	-	45	-20.2			0		
p-Isopropyltoluene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
pH	s.u.	11/27/2007	N001	40	-	45	6.74			0		
sec-Butylbenzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	

Ground Water Quality Data by Location (USEE100) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
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
Specific Conductance	umhos /cm	11/27/2007	N001	40	-	45	1080			0		
Styrene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Temperature	C	11/27/2007	N001	40	-	45	13.56			0		
tert-Butylbenzene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Tetrachloroethene	ug/L	11/27/2007	N001	40	-	45	0.334	J		#	5	
Toluene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Total Xylenes	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Trichloroethene	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Trichlorofluoromethane	ug/L	11/27/2007	N001	40	-	45	5	U		#	5	
Turbidity	NTU	11/27/2007	N001	40	-	45	251			0		
Vinyl chloride	ug/L	11/27/2007	N001	40	-	45	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.

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,1,2-Tetrachloroethane	ug/L	02/27/2007	N003	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/27/2007	N003	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/27/2007	N003	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/27/2007	N003	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/27/2007	N003	5	U		#	5	
1,1-Dichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1-Dichloroethane	ug/L	02/27/2007	N003	5	U		#	5	
1,1-Dichloroethene	ug/L	02/27/2007	N002	5	U		#	5	
1,1-Dichloroethene	ug/L	02/27/2007	N003	5	U		#	5	
1,1-Dichloropropene	ug/L	02/27/2007	N002	5	U		#	5	
1,1-Dichloropropene	ug/L	02/27/2007	N003	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/27/2007	N003	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,2,3-Trichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/27/2007	N003	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/27/2007	N003	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/27/2007	N003	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/27/2007	N003	5	U		#	5	
1,2-Dibromoethane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dibromoethane	ug/L	02/27/2007	N003	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/27/2007	N003	5	U		#	5	
1,2-Dichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dichloroethane	ug/L	02/27/2007	N003	5	U		#	5	
1,2-Dichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dichloropropane	ug/L	02/27/2007	N003	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/27/2007	N003	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	02/27/2007	N003	5	U		#	5	
1,3-Dichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,3-Dichloropropane	ug/L	02/27/2007	N003	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/27/2007	N003	5	U		#	5	
2,2-Dichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
2,2-Dichloropropane	ug/L	02/27/2007	N003	5	U		#	5	
2-Butanone	ug/L	02/27/2007	N002	100	U		#	100	
2-Butanone	ug/L	02/27/2007	N003	100	U		#	100	
2-Chlorotoluene	ug/L	02/27/2007	N002	5	U		#	5	
2-Chlorotoluene	ug/L	02/27/2007	N003	5	U		#	5	
2-Hexanone	ug/L	02/27/2007	N002	50	U		#	50	
2-Hexanone	ug/L	02/27/2007	N003	50	U		#	50	
4-Chlorotoluene	ug/L	02/27/2007	N002	5	U		#	5	
4-Chlorotoluene	ug/L	02/27/2007	N003	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/27/2007	N002	50	U		#	50	
4-Methyl-2-Pentanone	ug/L	02/27/2007	N003	50	U		#	50	
Acetone	ug/L	02/27/2007	N002	100	U		#	100	
Acetone	ug/L	02/27/2007	N003	100	U		#	100	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Benzene	ug/L	02/27/2007	N002	5	U		#	5	
Benzene	ug/L	02/27/2007	N003	5	U		#	5	
Bromobenzene	ug/L	02/27/2007	N002	5	U		#	5	
Bromobenzene	ug/L	02/27/2007	N003	5	U		#	5	
Bromochloromethane	ug/L	02/27/2007	N002	5	U		#	5	
Bromochloromethane	ug/L	02/27/2007	N003	5	U		#	5	
Bromodichloromethane	ug/L	02/27/2007	N002	5	U		#	5	
Bromodichloromethane	ug/L	02/27/2007	N003	5	U		#	5	
Bromoform	ug/L	02/27/2007	N002	5	U		#	5	
Bromoform	ug/L	02/27/2007	N003	5	U		#	5	
Bromomethane	ug/L	02/27/2007	N002	5	U		#	5	
Bromomethane	ug/L	02/27/2007	N003	5	U		#	5	
Carbon Disulfide	ug/L	02/27/2007	N002	5	U		#	5	
Carbon Disulfide	ug/L	02/27/2007	N003	5	U		#	5	
Carbon tetrachloride	ug/L	02/27/2007	N002	5	U		#	5	
Carbon tetrachloride	ug/L	02/27/2007	N003	5	U		#	5	
Chlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
Chlorobenzene	ug/L	02/27/2007	N003	5	U		#	5	
Chlorodibromomethane	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chlorodibromomethane	ug/L	02/27/2007	N003	5	U		#	5	
Chloroethane	ug/L	02/27/2007	N002	5	U		#	5	
Chloroethane	ug/L	02/27/2007	N003	5	U		#	5	
Chloroform	ug/L	02/27/2007	N002	5	U		#	5	
Chloroform	ug/L	02/27/2007	N003	5	U		#	5	
Chloromethane	ug/L	02/27/2007	N002	5	U		#	5	
Chloromethane	ug/L	02/27/2007	N003	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/27/2007	N002	1.5	J		#	5	
cis-1,2-Dichloroethene	ug/L	02/27/2007	N003	1.52	J		#	5	
cis-1,3-Dichloropropene	ug/L	02/27/2007	N002	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/27/2007	N003	5	U		#	5	
Dibromomethane	ug/L	02/27/2007	N002	5	U		#	5	
Dibromomethane	ug/L	02/27/2007	N003	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/27/2007	N002	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/27/2007	N003	5	U		#	5	
Dissolved Oxygen	mg/L	02/27/2007	N001	4.1			0		
Ethylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Ethylbenzene	ug/L	02/27/2007	N003	5	U		#	5	
Hexachlorobutadiene	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Hexachlorobutadiene	ug/L	02/27/2007	N003	5	U		#	5	
Isopropylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Isopropylbenzene	ug/L	02/27/2007	N003	5	U		#	5	
Methylene chloride	ug/L	02/27/2007	N002	5	U		#	5	
Methylene chloride	ug/L	02/27/2007	N003	5	U		#	5	
n-Butylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
n-Butylbenzene	ug/L	02/27/2007	N003	5	U		#	5	
n-Propylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
n-Propylbenzene	ug/L	02/27/2007	N003	5	U		#	5	
Naphthalene	ug/L	02/27/2007	N002	5	U		#	5	
Naphthalene	ug/L	02/27/2007	N003	5	U		#	5	
Oxidation Reduction Potential	mV	02/27/2007	N001	106.3			0		
p-Isopropyltoluene	ug/L	02/27/2007	N002	5	U		#	5	
p-Isopropyltoluene	ug/L	02/27/2007	N003	5	U		#	5	
pH	s.u.	02/27/2007	N001	7.06			0		
Radium-226	pCi/L	02/27/2007	N002	0.838		J	#	.483	.402
Radium-226	pCi/L	02/27/2007	N003	0.26	U		#	.436	.271
Radium-228	pCi/L	02/27/2007	N002	0.546	U		#	.79	.492
Radium-228	pCi/L	02/27/2007	N003	0.298	U		#	.65	.381

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
sec-Butylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
sec-Butylbenzene	ug/L	02/27/2007	N003	5	U		#	5	
Specific Conductance	umhos/cm	02/27/2007	N001	1494			0		
Strontium-90	pCi/L	02/27/2007	N002	1.64		J	#	.876	.681
Strontium-90	pCi/L	02/27/2007	N003	1.85			#	.554	.51
Styrene	ug/L	02/27/2007	N002	5	U		#	5	
Styrene	ug/L	02/27/2007	N003	5	U		#	5	
Temperature	C	02/27/2007	N001	11.82			0		
tert-Butylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
tert-Butylbenzene	ug/L	02/27/2007	N003	5	U		#	5	
Tetrachloroethene	ug/L	02/27/2007	N002	10.6			#	5	
Tetrachloroethene	ug/L	02/27/2007	N003	10.7			#	5	
Toluene	ug/L	02/27/2007	N002	5	U		#	5	
Toluene	ug/L	02/27/2007	N003	5	U		#	5	
Total Xylenes	ug/L	02/27/2007	N002	5	U		#	5	
Total Xylenes	ug/L	02/27/2007	N003	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/27/2007	N002	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/27/2007	N003	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
trans-1,3-dichloropropene	ug/L	02/27/2007	N003	5	U		#	5	
Trichloroethene	ug/L	02/27/2007	N002	5.08			#	5	
Trichloroethene	ug/L	02/27/2007	N003	5.27			#	5	
Trichlorofluoromethane	ug/L	02/27/2007	N002	5	U		#	5	
Trichlorofluoromethane	ug/L	02/27/2007	N003	5	U		#	5	
Tritium	pCi/L	02/27/2007	N002	117000			#	477	3060
Tritium	pCi/L	02/27/2007	N003	115000			#	472	3000
Turbidity	NTU	02/27/2007	N001	6.39			0		
Vinyl chloride	ug/L	02/27/2007	N002	5	U		#	5	
Vinyl chloride	ug/L	02/27/2007	N003	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1-Dichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1-Dichloroethene	ug/L	02/27/2007	N002	5	U		#	5	
1,1-Dichloropropene	ug/L	02/27/2007	N002	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dibromoethane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
2,2-Dichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
2-Butanone	ug/L	02/27/2007	N002	100	U		#	100	
2-Chlorotoluene	ug/L	02/27/2007	N002	5	U		#	5	
2-Hexanone	ug/L	02/27/2007	N002	50	U		#	50	
4-Chlorotoluene	ug/L	02/27/2007	N002	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/27/2007	N002	50	U		#	50	
Acetone	ug/L	02/27/2007	N002	2.45	J		#	100	
Benzene	ug/L	02/27/2007	N002	5	U		#	5	
Bromobenzene	ug/L	02/27/2007	N002	5	U		#	5	
Bromochloromethane	ug/L	02/27/2007	N002	5	U		#	5	
Bromodichloromethane	ug/L	02/27/2007	N002	5	U		#	5	
Bromoform	ug/L	02/27/2007	N002	5	U		#	5	
Bromomethane	ug/L	02/27/2007	N002	5	U		#	5	
Carbon Disulfide	ug/L	02/27/2007	N002	5	U		#	5	
Carbon tetrachloride	ug/L	02/27/2007	N002	5	U		#	5	
Chlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
Chlorodibromomethane	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	02/27/2007	N002	5	U		#	5	
Chloroform	ug/L	02/27/2007	N002	5	U		#	5	
Chloromethane	ug/L	02/27/2007	N002	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/27/2007	N002	23.9			#	5	
cis-1,3-Dichloropropene	ug/L	02/27/2007	N002	5	U		#	5	
Dibromomethane	ug/L	02/27/2007	N002	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/27/2007	N002	5	U		#	5	
Dissolved Oxygen	mg/L	02/27/2007	N001	10.12			0		
Ethylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Hexachlorobutadiene	ug/L	02/27/2007	N002	5	U		#	5	
Isopropylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Methylene chloride	ug/L	02/27/2007	N002	5	U		#	5	
n-Butylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
n-Propylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Naphthalene	ug/L	02/27/2007	N002	5	U		#	5	
Oxidation Reduction Potential	mV	02/27/2007	N001	192.7			0		
p-Isopropyltoluene	ug/L	02/27/2007	N002	5	U		#	5	
pH	s.u.	02/27/2007	N001	6			0		
sec-Butylbenzene	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Specific Conductance	umhos/cm	02/27/2007	N001	1635			0		
Styrene	ug/L	02/27/2007	N002	5	U		#	5	
Temperature	C	02/27/2007	N001	3.93			0		
tert-Butylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Tetrachloroethene	ug/L	02/27/2007	N002	5	U		#	5	
Toluene	ug/L	02/27/2007	N002	5	U		#	5	
Total Xylenes	ug/L	02/27/2007	N002	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/27/2007	N002	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/27/2007	N002	5	U		#	5	
Trichloroethene	ug/L	02/27/2007	N002	26.3			#	5	
Trichlorofluoromethane	ug/L	02/27/2007	N002	5	U		#	5	
Tritium	pCi/L	02/27/2007	N002	30500			#	319	868
Turbidity	NTU	02/27/2007	N001	661			0		
Vinyl chloride	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1-Dichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1-Dichloroethene	ug/L	02/27/2007	N002	5	U		#	5	
1,1-Dichloropropene	ug/L	02/27/2007	N002	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dibromoethane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
2,2-Dichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
2-Butanone	ug/L	02/27/2007	N002	100	U		#	100	
2-Chlorotoluene	ug/L	02/27/2007	N002	5	U		#	5	
2-Hexanone	ug/L	02/27/2007	N002	50	U		#	50	
4-Chlorotoluene	ug/L	02/27/2007	N002	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/27/2007	N002	50	U		#	50	
Acetone	ug/L	02/27/2007	N002	100	U		#	100	
Benzene	ug/L	02/27/2007	N002	5	U		#	5	
Bromobenzene	ug/L	02/27/2007	N002	5	U		#	5	
Bromochloromethane	ug/L	02/27/2007	N002	5	U		#	5	
Bromodichloromethane	ug/L	02/27/2007	N002	5	U		#	5	
Bromoform	ug/L	02/27/2007	N002	5	U		#	5	
Bromomethane	ug/L	02/27/2007	N002	5	U		#	5	
Carbon Disulfide	ug/L	02/27/2007	N002	5	U		#	5	
Carbon tetrachloride	ug/L	02/27/2007	N002	5	U		#	5	
Chlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
Chlorodibromomethane	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	02/27/2007	N002	5	U		#	5	
Chloroform	ug/L	02/27/2007	N002	0.306	J	U	#	5	
Chloromethane	ug/L	02/27/2007	N002	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/27/2007	N002	20.4			#	5	
cis-1,3-Dichloropropene	ug/L	02/27/2007	N002	5	U		#	5	
Dibromomethane	ug/L	02/27/2007	N002	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/27/2007	N002	5	U		#	5	
Dissolved Oxygen	mg/L	02/27/2007	N001	7.94			0		
Ethylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Hexachlorobutadiene	ug/L	02/27/2007	N002	5	U		#	5	
Isopropylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Methylene chloride	ug/L	02/27/2007	N002	5	U		#	5	
n-Butylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
n-Propylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Naphthalene	ug/L	02/27/2007	N002	5	U		#	5	
Oxidation Reduction Potential	mV	02/27/2007	N001	119.2			0		
p-Isopropyltoluene	ug/L	02/27/2007	N002	5	U		#	5	
pH	s.u.	02/27/2007	N001	6.75			0		
sec-Butylbenzene	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Specific Conductance	umhos/cm	02/27/2007	N001	1711			0		
Styrene	ug/L	02/27/2007	N002	5	U		#	5	
Temperature	C	02/27/2007	N001	6.63			0		
tert-Butylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Tetrachloroethene	ug/L	02/27/2007	N002	5	U		#	5	
Toluene	ug/L	02/27/2007	N002	5	U		#	5	
Total Xylenes	ug/L	02/27/2007	N002	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/27/2007	N002	0.359	J		#	5	
trans-1,3-dichloropropene	ug/L	02/27/2007	N002	5	U		#	5	
Trichloroethene	ug/L	02/27/2007	N002	15.6			#	5	
Trichlorofluoromethane	ug/L	02/27/2007	N002	5	U		#	5	
Tritium	pCi/L	02/27/2007	N002	26500			#	316	791
Turbidity	NTU	02/27/2007	N001	35.3			0		
Vinyl chloride	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1-Dichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1-Dichloroethene	ug/L	02/27/2007	N002	5	U		#	5	
1,1-Dichloropropene	ug/L	02/27/2007	N002	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dibromoethane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
2,2-Dichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
2-Butanone	ug/L	02/27/2007	N002	100	U		#	100	
2-Chlorotoluene	ug/L	02/27/2007	N002	5	U		#	5	
2-Hexanone	ug/L	02/27/2007	N002	50	U		#	50	
4-Chlorotoluene	ug/L	02/27/2007	N002	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/27/2007	N002	50	U		#	50	
Acetone	ug/L	02/27/2007	N002	100	U		#	100	
Benzene	ug/L	02/27/2007	N002	5	U		#	5	
Bromobenzene	ug/L	02/27/2007	N002	5	U		#	5	
Bromochloromethane	ug/L	02/27/2007	N002	5	U		#	5	
Bromodichloromethane	ug/L	02/27/2007	N002	5	U		#	5	
Bromoform	ug/L	02/27/2007	N002	5	U		#	5	
Bromomethane	ug/L	02/27/2007	N002	5	U		#	5	
Carbon Disulfide	ug/L	02/27/2007	N002	5	U		#	5	
Carbon tetrachloride	ug/L	02/27/2007	N002	5	U		#	5	
Chlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
Chlorodibromomethane	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	02/27/2007	N002	5	U		#	5	
Chloroform	ug/L	02/27/2007	N002	5	U		#	5	
Chloromethane	ug/L	02/27/2007	N002	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/27/2007	N002	0.758	J		#	5	
cis-1,3-Dichloropropene	ug/L	02/27/2007	N002	5	U		#	5	
Dibromomethane	ug/L	02/27/2007	N002	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/27/2007	N002	5	U		#	5	
Dissolved Oxygen	mg/L	02/27/2007	N001	6.64			0		
Ethylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Hexachlorobutadiene	ug/L	02/27/2007	N002	5	U		#	5	
Isopropylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Methylene chloride	ug/L	02/27/2007	N002	5	U		#	5	
n-Butylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
n-Propylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Naphthalene	ug/L	02/27/2007	N002	5	U		#	5	
Oxidation Reduction Potential	mV	02/27/2007	N001	119.8			0		
p-Isopropyltoluene	ug/L	02/27/2007	N002	5	U		#	5	
pH	s.u.	02/27/2007	N001	6.83			0		
sec-Butylbenzene	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Specific Conductance	umhos/cm	02/27/2007	N001	2097			0		
Styrene	ug/L	02/27/2007	N002	5	U		#	5	
Temperature	C	02/27/2007	N001	9.52			0		
tert-Butylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Tetrachloroethene	ug/L	02/27/2007	N002	5	U		#	5	
Toluene	ug/L	02/27/2007	N002	5	U		#	5	
Total Xylenes	ug/L	02/27/2007	N002	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/27/2007	N002	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/27/2007	N002	5	U		#	5	
Trichloroethene	ug/L	02/27/2007	N002	3.67	J		#	5	
Trichlorofluoromethane	ug/L	02/27/2007	N002	5	U		#	5	
Tritium	pCi/L	02/27/2007	N002	9030			#	318	436
Turbidity	NTU	02/27/2007	N001	7.75			0		
Vinyl chloride	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,1-Trichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1,2-Trichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1-Dichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,1-Dichloroethene	ug/L	02/27/2007	N002	5	U		#	5	
1,1-Dichloropropene	ug/L	02/27/2007	N002	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2,3-Trichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dibromoethane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dichloroethane	ug/L	02/27/2007	N002	5	U		#	5	
1,2-Dichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
1,3-Dichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
1,4-Dichlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
2,2-Dichloropropane	ug/L	02/27/2007	N002	5	U		#	5	
2-Butanone	ug/L	02/27/2007	N002	100	U		#	100	
2-Chlorotoluene	ug/L	02/27/2007	N002	5	U		#	5	
2-Hexanone	ug/L	02/27/2007	N002	50	U		#	50	
4-Chlorotoluene	ug/L	02/27/2007	N002	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	02/27/2007	N002	50	U		#	50	
Acetone	ug/L	02/27/2007	N002	100	U		#	100	
Benzene	ug/L	02/27/2007	N002	5	U		#	5	
Bromobenzene	ug/L	02/27/2007	N002	5	U		#	5	
Bromochloromethane	ug/L	02/27/2007	N002	5	U		#	5	
Bromodichloromethane	ug/L	02/27/2007	N002	5	U		#	5	
Bromoform	ug/L	02/27/2007	N002	5	U		#	5	
Bromomethane	ug/L	02/27/2007	N002	5	U		#	5	
Carbon Disulfide	ug/L	02/27/2007	N002	5	U		#	5	
Carbon tetrachloride	ug/L	02/27/2007	N002	5	U		#	5	
Chlorobenzene	ug/L	02/27/2007	N002	5	U		#	5	
Chlorodibromomethane	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	02/27/2007	N002	5	U		#	5	
Chloroform	ug/L	02/27/2007	N002	5	U		#	5	
Chloromethane	ug/L	02/27/2007	N002	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	02/27/2007	N002	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	02/27/2007	N002	5	U		#	5	
Dibromomethane	ug/L	02/27/2007	N002	5	U		#	5	
Dichlorodifluoromethane	ug/L	02/27/2007	N002	5	U		#	5	
Dissolved Oxygen	mg/L	02/27/2007	N001	12.68			0		
Ethylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Hexachlorobutadiene	ug/L	02/27/2007	N002	5	U		#	5	
Isopropylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Methylene chloride	ug/L	02/27/2007	N002	5	U		#	5	
n-Butylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
n-Propylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Naphthalene	ug/L	02/27/2007	N002	5	U		#	5	
Oxidation Reduction Potential	mV	02/27/2007	N001	147.6			0		
p-Isopropyltoluene	ug/L	02/27/2007	N002	5	U		#	5	
pH	s.u.	02/27/2007	N001	6.48			0		
sec-Butylbenzene	ug/L	02/27/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Specific Conductance	umhos/cm	02/27/2007	N001	1775			0		
Styrene	ug/L	02/27/2007	N002	5	U		#	5	
Temperature	C	02/27/2007	N001	2.17			0		
tert-Butylbenzene	ug/L	02/27/2007	N002	5	U		#	5	
Tetrachloroethene	ug/L	02/27/2007	N002	5	U		#	5	
Toluene	ug/L	02/27/2007	N002	5	U		#	5	
Total Xylenes	ug/L	02/27/2007	N002	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	02/27/2007	N002	5	U		#	5	
trans-1,3-dichloropropene	ug/L	02/27/2007	N002	5	U		#	5	
Trichloroethene	ug/L	02/27/2007	N002	0.837	J		#	5	
Trichlorofluoromethane	ug/L	02/27/2007	N002	5	U		#	5	
Tritium	pCi/L	02/27/2007	N002	29100			#	321	845
Turbidity	NTU	02/27/2007	N001	857			0		
Vinyl chloride	ug/L	02/27/2007	N002	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.

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,1,2-Tetrachloroethane	ug/L	05/17/2007	N003	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/17/2007	N003	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/17/2007	N003	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/17/2007	N003	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/17/2007	N003	5	U		#	5	
1,1-Dichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1-Dichloroethane	ug/L	05/17/2007	N003	5	U		#	5	
1,1-Dichloroethene	ug/L	05/17/2007	N001	5	U		#	5	
1,1-Dichloroethene	ug/L	05/17/2007	N003	5	U		#	5	
1,1-Dichloropropene	ug/L	05/17/2007	N001	5	U		#	5	
1,1-Dichloropropene	ug/L	05/17/2007	N003	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/17/2007	N003	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,2,3-Trichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/17/2007	N003	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/17/2007	N003	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/17/2007	N003	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/17/2007	N003	5	U		#	5	
1,2-Dibromoethane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dibromoethane	ug/L	05/17/2007	N003	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/17/2007	N003	5	U		#	5	
1,2-Dichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dichloroethane	ug/L	05/17/2007	N003	5	U		#	5	
1,2-Dichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dichloropropane	ug/L	05/17/2007	N003	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/17/2007	N003	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	05/17/2007	N003	5	U		#	5	
1,3-Dichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,3-Dichloropropane	ug/L	05/17/2007	N003	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/17/2007	N003	5	U		#	5	
2,2-Dichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
2,2-Dichloropropane	ug/L	05/17/2007	N003	5	U		#	5	
2-Butanone	ug/L	05/17/2007	N001	100	U		#	100	
2-Butanone	ug/L	05/17/2007	N003	100	U		#	100	
2-Chlorotoluene	ug/L	05/17/2007	N001	5	U		#	5	
2-Chlorotoluene	ug/L	05/17/2007	N003	5	U		#	5	
2-Hexanone	ug/L	05/17/2007	N001	50	U		#	50	
2-Hexanone	ug/L	05/17/2007	N003	50	U		#	50	
4-Chlorotoluene	ug/L	05/17/2007	N001	5	U		#	5	
4-Chlorotoluene	ug/L	05/17/2007	N003	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/17/2007	N001	50	U		#	50	
4-Methyl-2-Pentanone	ug/L	05/17/2007	N003	50	U		#	50	
Acetone	ug/L	05/17/2007	N001	100	U		#	100	
Acetone	ug/L	05/17/2007	N003	100	U		#	100	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Benzene	ug/L	05/17/2007	N001	5	U		#	5	
Benzene	ug/L	05/17/2007	N003	5	U		#	5	
Bromobenzene	ug/L	05/17/2007	N001	5	U		#	5	
Bromobenzene	ug/L	05/17/2007	N003	5	U		#	5	
Bromochloromethane	ug/L	05/17/2007	N001	5	U		#	5	
Bromochloromethane	ug/L	05/17/2007	N003	5	U		#	5	
Bromodichloromethane	ug/L	05/17/2007	N001	5	U		#	5	
Bromodichloromethane	ug/L	05/17/2007	N003	5	U		#	5	
Bromoform	ug/L	05/17/2007	N001	5	U		#	5	
Bromoform	ug/L	05/17/2007	N003	5	U		#	5	
Bromomethane	ug/L	05/17/2007	N001	5	U		#	5	
Bromomethane	ug/L	05/17/2007	N003	5	U		#	5	
Carbon Disulfide	ug/L	05/17/2007	N001	5	U		#	5	
Carbon Disulfide	ug/L	05/17/2007	N003	5	U		#	5	
Carbon tetrachloride	ug/L	05/17/2007	N001	5	U		#	5	
Carbon tetrachloride	ug/L	05/17/2007	N003	5	U		#	5	
Chlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
Chlorobenzene	ug/L	05/17/2007	N003	5	U		#	5	
Chlorodibromomethane	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chlorodibromomethane	ug/L	05/17/2007	N003	5	U		#	5	
Chloroethane	ug/L	05/17/2007	N001	5	U		#	5	
Chloroethane	ug/L	05/17/2007	N003	5	U		#	5	
Chloroform	ug/L	05/17/2007	N001	5	U		#	5	
Chloroform	ug/L	05/17/2007	N003	5	U		#	5	
Chloromethane	ug/L	05/17/2007	N001	5	U		#	5	
Chloromethane	ug/L	05/17/2007	N003	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/17/2007	N001	0.894	J		#	5	
cis-1,2-Dichloroethene	ug/L	05/17/2007	N003	0.941	J		#	5	
cis-1,3-Dichloropropene	ug/L	05/17/2007	N001	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/17/2007	N003	5	U		#	5	
Dibromomethane	ug/L	05/17/2007	N001	5	U		#	5	
Dibromomethane	ug/L	05/17/2007	N003	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/17/2007	N001	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/17/2007	N003	5	U		#	5	
Dissolved Oxygen	mg/L	05/17/2007	N002	6.34			0		
Ethylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Ethylbenzene	ug/L	05/17/2007	N003	5	U		#	5	
Hexachlorobutadiene	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Hexachlorobutadiene	ug/L	05/17/2007	N003	5	U		#	5	
Isopropylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Isopropylbenzene	ug/L	05/17/2007	N003	5	U		#	5	
Methylene chloride	ug/L	05/17/2007	N001	5	U		#	5	
Methylene chloride	ug/L	05/17/2007	N003	5	U		#	5	
n-Butylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
n-Butylbenzene	ug/L	05/17/2007	N003	5	U		#	5	
n-Propylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
n-Propylbenzene	ug/L	05/17/2007	N003	5	U		#	5	
Naphthalene	ug/L	05/17/2007	N001	5	U		#	5	
Naphthalene	ug/L	05/17/2007	N003	5	U		#	5	
Oxidation Reduction Potential	mV	05/17/2007	N002	70.2			0		
p-Isopropyltoluene	ug/L	05/17/2007	N001	5	U		#	5	
p-Isopropyltoluene	ug/L	05/17/2007	N003	5	U		#	5	
pH	s.u.	05/17/2007	N002	6.86			0		
Radium-226	pCi/L	05/17/2007	N001	0.532		J	#	.478	.352
Radium-226	pCi/L	05/17/2007	N003	0.273	U		#	.491	.302
Radium-228	pCi/L	05/17/2007	N001	-.204	U		#	.799	.411
Radium-228	pCi/L	05/17/2007	N003	0.208	U		#	.693	.398

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
sec-Butylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
sec-Butylbenzene	ug/L	05/17/2007	N003	5	U		#	5	
Specific Conductance	umhos/cm	05/17/2007	N002	1680			0		
Strontium-90	pCi/L	05/17/2007	N001	2.81			#	.633	.811
Strontium-90	pCi/L	05/17/2007	N003	3.46			#	.82	.961
Styrene	ug/L	05/17/2007	N001	5	U		#	5	
Styrene	ug/L	05/17/2007	N003	5	U		#	5	
Temperature	C	05/17/2007	N002	12.89			0		
tert-Butylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
tert-Butylbenzene	ug/L	05/17/2007	N003	5	U		#	5	
Tetrachloroethene	ug/L	05/17/2007	N001	12.2			#	5	
Tetrachloroethene	ug/L	05/17/2007	N003	12.1			#	5	
Toluene	ug/L	05/17/2007	N001	5	U		#	5	
Toluene	ug/L	05/17/2007	N003	5	U		#	5	
Total Xylenes	ug/L	05/17/2007	N001	5	U		#	5	
Total Xylenes	ug/L	05/17/2007	N003	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/17/2007	N001	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/17/2007	N003	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
trans-1,3-dichloropropene	ug/L	05/17/2007	N003	5	U		#	5	
Trichloroethene	ug/L	05/17/2007	N001	6.32			#	5	
Trichloroethene	ug/L	05/17/2007	N003	6.19			#	5	
Trichlorofluoromethane	ug/L	05/17/2007	N001	5	U		#	5	
Trichlorofluoromethane	ug/L	05/17/2007	N003	5	U		#	5	
Tritium	pCi/L	05/17/2007	N001	146000			#	452	3810
Tritium	pCi/L	05/17/2007	N003	148000			#	454	3870
Turbidity	NTU	05/17/2007	N002	9.11			0		
Vinyl chloride	ug/L	05/17/2007	N001	5	U		#	5	
Vinyl chloride	ug/L	05/17/2007	N003	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1-Dichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1-Dichloroethene	ug/L	05/17/2007	N001	5	U		#	5	
1,1-Dichloropropene	ug/L	05/17/2007	N001	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dibromoethane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
2,2-Dichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
2-Butanone	ug/L	05/17/2007	N001	100	U		#	100	
2-Chlorotoluene	ug/L	05/17/2007	N001	5	U		#	5	
2-Hexanone	ug/L	05/17/2007	N001	50	U		#	50	
4-Chlorotoluene	ug/L	05/17/2007	N001	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/17/2007	N001	50	U		#	50	
Acetone	ug/L	05/17/2007	N001	100	U		#	100	
Benzene	ug/L	05/17/2007	N001	5	U		#	5	
Bromobenzene	ug/L	05/17/2007	N001	5	U		#	5	
Bromochloromethane	ug/L	05/17/2007	N001	5	U		#	5	
Bromodichloromethane	ug/L	05/17/2007	N001	5	U		#	5	
Bromoform	ug/L	05/17/2007	N001	5	U		#	5	
Bromomethane	ug/L	05/17/2007	N001	5	U		#	5	
Carbon Disulfide	ug/L	05/17/2007	N001	1.77	J		#	5	
Carbon tetrachloride	ug/L	05/17/2007	N001	5	U		#	5	
Chlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
Chlorodibromomethane	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	05/17/2007	N001	5	U		#	5	
Chloroform	ug/L	05/17/2007	N001	5	U		#	5	
Chloromethane	ug/L	05/17/2007	N001	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/17/2007	N001	19.7			#	5	
cis-1,3-Dichloropropene	ug/L	05/17/2007	N001	5	U		#	5	
Dibromomethane	ug/L	05/17/2007	N001	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/17/2007	N001	5	U		#	5	
Dissolved Oxygen	mg/L	05/17/2007	N002	6.44			0		
Ethylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Hexachlorobutadiene	ug/L	05/17/2007	N001	5	U		#	5	
Isopropylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Methylene chloride	ug/L	05/17/2007	N001	5	U		#	5	
n-Butylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
n-Propylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Naphthalene	ug/L	05/17/2007	N001	5	U		#	5	
Oxidation Reduction Potential	mV	05/17/2007	N002	70.4			0		
p-Isopropyltoluene	ug/L	05/17/2007	N001	5	U		#	5	
pH	s.u.	05/17/2007	N002	7.35			0		
sec-Butylbenzene	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Specific Conductance	umhos/cm	05/17/2007	N002	2275			0		
Styrene	ug/L	05/17/2007	N001	5	U		#	5	
Temperature	C	05/17/2007	N002	14.52			0		
tert-Butylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Tetrachloroethene	ug/L	05/17/2007	N001	5	U		#	5	
Toluene	ug/L	05/17/2007	N001	5	U		#	5	
Total Xylenes	ug/L	05/17/2007	N001	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/17/2007	N001	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/17/2007	N001	5	U		#	5	
Trichloroethene	ug/L	05/17/2007	N001	27.6			#	5	
Trichlorofluoromethane	ug/L	05/17/2007	N001	5	U		#	5	
Tritium	pCi/L	05/17/2007	N001	36800			#	445	1480
Turbidity	NTU	05/17/2007	N002	111			0		
Vinyl chloride	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1-Dichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1-Dichloroethene	ug/L	05/17/2007	N001	5	U		#	5	
1,1-Dichloropropene	ug/L	05/17/2007	N001	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dibromoethane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
2,2-Dichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
2-Butanone	ug/L	05/17/2007	N001	100	U		#	100	
2-Chlorotoluene	ug/L	05/17/2007	N001	5	U		#	5	
2-Hexanone	ug/L	05/17/2007	N001	50	U		#	50	
4-Chlorotoluene	ug/L	05/17/2007	N001	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/17/2007	N001	50	U		#	50	
Acetone	ug/L	05/17/2007	N001	1.56	J		#	100	
Benzene	ug/L	05/17/2007	N001	5	U		#	5	
Bromobenzene	ug/L	05/17/2007	N001	5	U		#	5	
Bromochloromethane	ug/L	05/17/2007	N001	5	U		#	5	
Bromodichloromethane	ug/L	05/17/2007	N001	5	U		#	5	
Bromoform	ug/L	05/17/2007	N001	5	U		#	5	
Bromomethane	ug/L	05/17/2007	N001	5	U		#	5	
Carbon Disulfide	ug/L	05/17/2007	N001	5	U		#	5	
Carbon tetrachloride	ug/L	05/17/2007	N001	5	U		#	5	
Chlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
Chlorodibromomethane	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	05/17/2007	N001	5	U		#	5	
Chloroform	ug/L	05/17/2007	N001	0.417	J	U	#	5	
Chloromethane	ug/L	05/17/2007	N001	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/17/2007	N001	32.2			#	5	
cis-1,3-Dichloropropene	ug/L	05/17/2007	N001	5	U		#	5	
Dibromomethane	ug/L	05/17/2007	N001	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/17/2007	N001	5	U		#	5	
Dissolved Oxygen	mg/L	05/17/2007	N002	6.49			0		
Ethylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Hexachlorobutadiene	ug/L	05/17/2007	N001	5	U		#	5	
Isopropylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Methylene chloride	ug/L	05/17/2007	N001	5	U		#	5	
n-Butylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
n-Propylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Naphthalene	ug/L	05/17/2007	N001	5	U		#	5	
Oxidation Reduction Potential	mV	05/17/2007	N002	-16.2			0		
p-Isopropyltoluene	ug/L	05/17/2007	N001	5	U		#	5	
pH	s.u.	05/17/2007	N002	7.14			0		
sec-Butylbenzene	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Specific Conductance	umhos/cm	05/17/2007	N002	1554			0		
Styrene	ug/L	05/17/2007	N001	5	U		#	5	
Temperature	C	05/17/2007	N002	12.05			0		
tert-Butylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Tetrachloroethene	ug/L	05/17/2007	N001	5	U		#	5	
Toluene	ug/L	05/17/2007	N001	5	U		#	5	
Total Xylenes	ug/L	05/17/2007	N001	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/17/2007	N001	0.463	J		#	5	
trans-1,3-dichloropropene	ug/L	05/17/2007	N001	5	U		#	5	
Trichloroethene	ug/L	05/17/2007	N001	24.7			#	5	
Trichlorofluoromethane	ug/L	05/17/2007	N001	5	U		#	5	
Tritium	pCi/L	05/17/2007	N001	33400			#	342	1140
Turbidity	NTU	05/17/2007	N002	243			0		
Vinyl chloride	ug/L	05/17/2007	N001	0.906	J		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1-Dichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1-Dichloroethene	ug/L	05/17/2007	N001	5	U		#	5	
1,1-Dichloropropene	ug/L	05/17/2007	N001	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dibromoethane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
2,2-Dichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
2-Butanone	ug/L	05/17/2007	N001	100	U		#	100	
2-Chlorotoluene	ug/L	05/17/2007	N001	5	U		#	5	
2-Hexanone	ug/L	05/17/2007	N001	50	U		#	50	
4-Chlorotoluene	ug/L	05/17/2007	N001	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/17/2007	N001	50	U		#	50	
Acetone	ug/L	05/17/2007	N001	100	U		#	100	
Benzene	ug/L	05/17/2007	N001	5	U		#	5	
Bromobenzene	ug/L	05/17/2007	N001	5	U		#	5	
Bromochloromethane	ug/L	05/17/2007	N001	5	U		#	5	
Bromodichloromethane	ug/L	05/17/2007	N001	5	U		#	5	
Bromoform	ug/L	05/17/2007	N001	5	U		#	5	
Bromomethane	ug/L	05/17/2007	N001	5	U		#	5	
Carbon Disulfide	ug/L	05/17/2007	N001	5	U		#	5	
Carbon tetrachloride	ug/L	05/17/2007	N001	5	U		#	5	
Chlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
Chlorodibromomethane	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	05/17/2007	N001	5	U		#	5	
Chloroform	ug/L	05/17/2007	N001	5	U		#	5	
Chloromethane	ug/L	05/17/2007	N001	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/17/2007	N001	3.63	J		#	5	
cis-1,3-Dichloropropene	ug/L	05/17/2007	N001	5	U		#	5	
Dibromomethane	ug/L	05/17/2007	N001	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/17/2007	N001	5	U		#	5	
Dissolved Oxygen	mg/L	05/17/2007	N002	6.74			0		
Ethylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Hexachlorobutadiene	ug/L	05/17/2007	N001	5	U		#	5	
Isopropylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Methylene chloride	ug/L	05/17/2007	N001	5	U		#	5	
n-Butylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
n-Propylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Naphthalene	ug/L	05/17/2007	N001	5	U		#	5	
Oxidation Reduction Potential	mV	05/17/2007	N002	88.9			0		
p-Isopropyltoluene	ug/L	05/17/2007	N001	5	U		#	5	
pH	s.u.	05/17/2007	N002	7.13			0		
sec-Butylbenzene	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Specific Conductance	umhos/cm	05/17/2007	N002	1900			0		
Styrene	ug/L	05/17/2007	N001	5	U		#	5	
Temperature	C	05/17/2007	N002	11.67			0		
tert-Butylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Tetrachloroethene	ug/L	05/17/2007	N001	0.254	J		#	5	
Toluene	ug/L	05/17/2007	N001	5	U		#	5	
Total Xylenes	ug/L	05/17/2007	N001	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/17/2007	N001	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/17/2007	N001	5	U		#	5	
Trichloroethene	ug/L	05/17/2007	N001	13			#	5	
Trichlorofluoromethane	ug/L	05/17/2007	N001	5	U		#	5	
Tritium	pCi/L	05/17/2007	N001	12200			#	342	648
Turbidity	NTU	05/17/2007	N002	11.6			0		
Vinyl chloride	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,1-Trichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1,2-Trichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1-Dichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,1-Dichloroethene	ug/L	05/17/2007	N001	5	U		#	5	
1,1-Dichloropropene	ug/L	05/17/2007	N001	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2,3-Trichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dibromoethane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dichloroethane	ug/L	05/17/2007	N001	5	U		#	5	
1,2-Dichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
1,3-Dichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
1,4-Dichlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
2,2-Dichloropropane	ug/L	05/17/2007	N001	5	U		#	5	
2-Butanone	ug/L	05/17/2007	N001	100	U		#	100	
2-Chlorotoluene	ug/L	05/17/2007	N001	5	U		#	5	
2-Hexanone	ug/L	05/17/2007	N001	50	U		#	50	
4-Chlorotoluene	ug/L	05/17/2007	N001	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	05/17/2007	N001	50	U		#	50	
Acetone	ug/L	05/17/2007	N001	1.25	J		#	100	
Benzene	ug/L	05/17/2007	N001	5	U		#	5	
Bromobenzene	ug/L	05/17/2007	N001	5	U		#	5	
Bromochloromethane	ug/L	05/17/2007	N001	5	U		#	5	
Bromodichloromethane	ug/L	05/17/2007	N001	5	U		#	5	
Bromoform	ug/L	05/17/2007	N001	5	U		#	5	
Bromomethane	ug/L	05/17/2007	N001	5	U		#	5	
Carbon Disulfide	ug/L	05/17/2007	N001	5	U		#	5	
Carbon tetrachloride	ug/L	05/17/2007	N001	5	U		#	5	
Chlorobenzene	ug/L	05/17/2007	N001	5	U		#	5	
Chlorodibromomethane	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	05/17/2007	N001	5	U		#	5	
Chloroform	ug/L	05/17/2007	N001	5	U		#	5	
Chloromethane	ug/L	05/17/2007	N001	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	05/17/2007	N001	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	05/17/2007	N001	5	U		#	5	
Dibromomethane	ug/L	05/17/2007	N001	5	U		#	5	
Dichlorodifluoromethane	ug/L	05/17/2007	N001	5	U		#	5	
Dissolved Oxygen	mg/L	05/17/2007	N002	8.37			0		
Ethylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Hexachlorobutadiene	ug/L	05/17/2007	N001	5	U		#	5	
Isopropylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Methylene chloride	ug/L	05/17/2007	N001	5	U		#	5	
n-Butylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
n-Propylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Naphthalene	ug/L	05/17/2007	N001	5	U		#	5	
Oxidation Reduction Potential	mV	05/17/2007	N002	43.1			0		
p-Isopropyltoluene	ug/L	05/17/2007	N001	5	U		#	5	
pH	s.u.	05/17/2007	N002	7.81			0		
sec-Butylbenzene	ug/L	05/17/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Specific Conductance	umhos/cm	05/17/2007	N002	2139			0		
Styrene	ug/L	05/17/2007	N001	5	U		#	5	
Temperature	C	05/17/2007	N002	15.29			0		
tert-Butylbenzene	ug/L	05/17/2007	N001	5	U		#	5	
Tetrachloroethene	ug/L	05/17/2007	N001	5	U		#	5	
Toluene	ug/L	05/17/2007	N001	5	U		#	5	
Total Xylenes	ug/L	05/17/2007	N001	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	05/17/2007	N001	5	U		#	5	
trans-1,3-dichloropropene	ug/L	05/17/2007	N001	5	U		#	5	
Trichloroethene	ug/L	05/17/2007	N001	0.386	J		#	5	
Trichlorofluoromethane	ug/L	05/17/2007	N001	5	U		#	5	
Tritium	pCi/L	05/17/2007	N001	31200			#	343	1090
Turbidity	NTU	05/17/2007	N002	570			0		
Vinyl chloride	ug/L	05/17/2007	N001	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.

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1-Dichloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1-Dichloroethene	ug/L	08/22/2007	N001	5	U		#	5	
1,1-Dichloropropene	ug/L	08/22/2007	N001	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/22/2007	N001	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/22/2007	N001	5	U		#	5	
1,2-Dibromoethane	ug/L	08/22/2007	N001	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	
1,2-Dichloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,2-Dichloropropane	ug/L	08/22/2007	N001	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/22/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	
1,3-Dichloropropane	ug/L	08/22/2007	N001	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	
2,2-Dichloropropane	ug/L	08/22/2007	N001	5	U		#	5	
2-Butanone	ug/L	08/22/2007	N001	100	U		#	100	
2-Chlorotoluene	ug/L	08/22/2007	N001	5	U		#	5	
2-Hexanone	ug/L	08/22/2007	N001	50	U		#	50	
4-Chlorotoluene	ug/L	08/22/2007	N001	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/22/2007	N001	50	U		#	50	
Acetone	ug/L	08/22/2007	N001	100	U		#	100	
Benzene	ug/L	08/22/2007	N001	5	U		#	5	
Bromobenzene	ug/L	08/22/2007	N001	5	U		#	5	
Bromochloromethane	ug/L	08/22/2007	N001	5	U		#	5	
Bromodichloromethane	ug/L	08/22/2007	N001	5	U		#	5	
Bromoform	ug/L	08/22/2007	N001	5	U		#	5	
Bromomethane	ug/L	08/22/2007	N001	5	U		#	5	
Carbon Disulfide	ug/L	08/22/2007	N001	5	U		#	5	
Carbon tetrachloride	ug/L	08/22/2007	N001	5	U		#	5	
Chlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chlorodibromomethane	ug/L	08/22/2007	N001	5	U		#	5	
Chloroethane	ug/L	08/22/2007	N001	5	U		#	5	
Chloroform	ug/L	08/22/2007	N001	5	U		#	5	
Chloromethane	ug/L	08/22/2007	N001	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/22/2007	N001	0.705	J		#	5	
cis-1,3-Dichloropropene	ug/L	08/22/2007	N001	5	U		#	5	
Dibromomethane	ug/L	08/22/2007	N001	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/22/2007	N001	5	U		#	5	
Dissolved Oxygen	mg/L	08/22/2007	N002	5.2			0		
Ethylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
Hexachlorobutadiene	ug/L	08/22/2007	N001	5	U		#	5	
Isopropylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
Methylene chloride	ug/L	08/22/2007	N001	5	U		#	5	
n-Butylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
n-Propylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
Naphthalene	ug/L	08/22/2007	N001	5	U		#	5	
Oxidation Reduction Potential	mV	08/22/2007	N002	102.7			0		
p-Isopropyltoluene	ug/L	08/22/2007	N001	5	U		#	5	
pH	s.u.	08/22/2007	N002	6.64			0		

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Radium-226	pCi/L	08/22/2007	N001	0.542		J	#	.289	.295
Radium-228	pCi/L	08/22/2007	N001	1.03		J	#	.593	.497
sec-Butylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
Specific Conductance	umhos/cm	08/22/2007	N002	1638			0		
Strontium-90	pCi/L	08/22/2007	N001	2.67			#	.674	.791
Styrene	ug/L	08/22/2007	N001	5	U		#	5	
Temperature	C	08/22/2007	N002	14.93			0		
tert-Butylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
Tetrachloroethene	ug/L	08/22/2007	N001	29.4			#	5	
Toluene	ug/L	08/22/2007	N001	5	U		#	5	
Total Xylenes	ug/L	08/22/2007	N001	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/22/2007	N001	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/22/2007	N001	5	U		#	5	
Trichloroethene	ug/L	08/22/2007	N001	6.84			#	5	
Trichlorofluoromethane	ug/L	08/22/2007	N001	5	U		#	5	
Tritium	pCi/L	08/22/2007	N001	161000			#	532	31200
Turbidity	NTU	08/22/2007	N002	39			0		
Vinyl chloride	ug/L	08/22/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1-Dichloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1-Dichloroethene	ug/L	08/22/2007	N001	5	U		#	5	
1,1-Dichloropropene	ug/L	08/22/2007	N001	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/22/2007	N001	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/22/2007	N001	5	U		#	5	
1,2-Dibromoethane	ug/L	08/22/2007	N001	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	
1,2-Dichloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,2-Dichloropropane	ug/L	08/22/2007	N001	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	08/22/2007	N001	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	
2,2-Dichloropropane	ug/L	08/22/2007	N001	5	U		#	5	
2-Butanone	ug/L	08/22/2007	N001	100	U		#	100	
2-Chlorotoluene	ug/L	08/22/2007	N001	5	U		#	5	
2-Hexanone	ug/L	08/22/2007	N001	50	U		#	50	
4-Chlorotoluene	ug/L	08/22/2007	N001	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/22/2007	N001	50	U		#	50	
Acetone	ug/L	08/22/2007	N001	100	U		#	100	
Benzene	ug/L	08/22/2007	N001	5	U		#	5	
Bromobenzene	ug/L	08/22/2007	N001	5	U		#	5	
Bromochloromethane	ug/L	08/22/2007	N001	5	U		#	5	
Bromodichloromethane	ug/L	08/22/2007	N001	5	U		#	5	
Bromoform	ug/L	08/22/2007	N001	5	U		#	5	
Bromomethane	ug/L	08/22/2007	N001	5	U		#	5	
Carbon Disulfide	ug/L	08/22/2007	N001	5	U		#	5	
Carbon tetrachloride	ug/L	08/22/2007	N001	5	U		#	5	
Chlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	
Chlorodibromomethane	ug/L	08/22/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	08/22/2007	N001	5	U		#	5	
Chloroform	ug/L	08/22/2007	N001	5	U		#	5	
Chloromethane	ug/L	08/22/2007	N001	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/22/2007	N001	31.7			#	5	
cis-1,3-Dichloropropene	ug/L	08/22/2007	N001	5	U		#	5	
Dibromomethane	ug/L	08/22/2007	N001	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/22/2007	N001	5	U		#	5	
Dissolved Oxygen	mg/L	08/22/2007	N002	5.05			0		
Ethylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
Hexachlorobutadiene	ug/L	08/22/2007	N001	5	U		#	5	
Isopropylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
Methylene chloride	ug/L	08/22/2007	N001	5	U		#	5	
n-Butylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
n-Propylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
Naphthalene	ug/L	08/22/2007	N001	5	U		#	5	
Oxidation Reduction Potential	mV	08/22/2007	N002	-57.9			0		
p-Isopropyltoluene	ug/L	08/22/2007	N001	5	U		#	5	
pH	s.u.	08/22/2007	N002	7.02			0		
sec-Butylbenzene	ug/L	08/22/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Specific Conductance	umhos/cm	08/22/2007	N002	1628			0		
Styrene	ug/L	08/22/2007	N001	5	U		#	5	
Temperature	C	08/22/2007	N002	19.14			0		
tert-Butylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
Tetrachloroethene	ug/L	08/22/2007	N001	5	U		#	5	
Toluene	ug/L	08/22/2007	N001	5	U		#	5	
Total Xylenes	ug/L	08/22/2007	N001	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/22/2007	N001	0.678	J		#	5	
trans-1,3-dichloropropene	ug/L	08/22/2007	N001	5	U		#	5	
Trichloroethene	ug/L	08/22/2007	N001	12.7			#	5	
Trichlorofluoromethane	ug/L	08/22/2007	N001	5	U		#	5	
Tritium	pCi/L	08/22/2007	N001	22200			#	306	4330
Turbidity	NTU	08/22/2007	N002	400			0		
Vinyl chloride	ug/L	08/22/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1,1-Trichloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1,2-Trichloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1-Dichloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,1-Dichloroethene	ug/L	08/22/2007	N001	5	U		#	5	
1,1-Dichloropropene	ug/L	08/22/2007	N001	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	
1,2,3-Trichloropropane	ug/L	08/22/2007	N001	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	08/22/2007	N001	5	U		#	5	
1,2-Dibromoethane	ug/L	08/22/2007	N001	5	U		#	5	
1,2-Dichlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	
1,2-Dichloroethane	ug/L	08/22/2007	N001	5	U		#	5	
1,2-Dichloropropane	ug/L	08/22/2007	N001	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
1,3-Dichlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	08/22/2007	N001	5	U		#	5	
1,4-Dichlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	
2,2-Dichloropropane	ug/L	08/22/2007	N001	5	U		#	5	
2-Butanone	ug/L	08/22/2007	N001	100	U		#	100	
2-Chlorotoluene	ug/L	08/22/2007	N001	5	U		#	5	
2-Hexanone	ug/L	08/22/2007	N001	50	U		#	50	
4-Chlorotoluene	ug/L	08/22/2007	N001	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	08/22/2007	N001	50	U		#	50	
Acetone	ug/L	08/22/2007	N001	100	U		#	100	
Benzene	ug/L	08/22/2007	N001	5	U		#	5	
Bromobenzene	ug/L	08/22/2007	N001	5	U		#	5	
Bromochloromethane	ug/L	08/22/2007	N001	5	U		#	5	
Bromodichloromethane	ug/L	08/22/2007	N001	5	U		#	5	
Bromoform	ug/L	08/22/2007	N001	5	U		#	5	
Bromomethane	ug/L	08/22/2007	N001	5	U		#	5	
Carbon Disulfide	ug/L	08/22/2007	N001	5	U		#	5	
Carbon tetrachloride	ug/L	08/22/2007	N001	5	U		#	5	
Chlorobenzene	ug/L	08/22/2007	N001	5	U		#	5	
Chlorodibromomethane	ug/L	08/22/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	08/22/2007	N001	5	U		#	5	
Chloroform	ug/L	08/22/2007	N001	5	U		#	5	
Chloromethane	ug/L	08/22/2007	N001	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	08/22/2007	N001	3.96	J		#	5	
cis-1,3-Dichloropropene	ug/L	08/22/2007	N001	5	U		#	5	
Dibromomethane	ug/L	08/22/2007	N001	5	U		#	5	
Dichlorodifluoromethane	ug/L	08/22/2007	N001	5	U		#	5	
Dissolved Oxygen	mg/L	08/22/2007	N002	8.03			0		
Ethylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
Hexachlorobutadiene	ug/L	08/22/2007	N001	5	U		#	5	
Isopropylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
Methylene chloride	ug/L	08/22/2007	N001	5	U		#	5	
n-Butylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
n-Propylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
Naphthalene	ug/L	08/22/2007	N001	5	U		#	5	
Oxidation Reduction Potential	mV	08/22/2007	N002	128.2			0		
p-Isopropyltoluene	ug/L	08/22/2007	N001	5	U		#	5	
pH	s.u.	08/22/2007	N002	6.99			0		
sec-Butylbenzene	ug/L	08/22/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Specific Conductance	umhos/cm	08/22/2007	N002	2035			0		
Styrene	ug/L	08/22/2007	N001	5	U		#	5	
Temperature	C	08/22/2007	N002	15.1			0		
tert-Butylbenzene	ug/L	08/22/2007	N001	5	U		#	5	
Tetrachloroethene	ug/L	08/22/2007	N001	5	U		#	5	
Toluene	ug/L	08/22/2007	N001	5	U		#	5	
Total Xylenes	ug/L	08/22/2007	N001	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	08/22/2007	N001	5	U		#	5	
trans-1,3-dichloropropene	ug/L	08/22/2007	N001	5	U		#	5	
Trichloroethene	ug/L	08/22/2007	N001	11.4			#	5	
Trichlorofluoromethane	ug/L	08/22/2007	N001	5	U		#	5	
Tritium	pCi/L	08/22/2007	N001	14100			#	311	2770
Turbidity	NTU	08/22/2007	N002	25.7			0		
Vinyl chloride	ug/L	08/22/2007	N001	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.

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,1,2-Tetrachloroethane	ug/L	11/29/2007	N002	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/29/2007	N002	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/29/2007	N002	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/29/2007	N002	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/29/2007	N002	5	U		#	5	
1,1-Dichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1-Dichloroethane	ug/L	11/29/2007	N002	5	U		#	5	
1,1-Dichloroethene	ug/L	11/29/2007	N001	5	U		#	5	
1,1-Dichloroethene	ug/L	11/29/2007	N002	5	U		#	5	
1,1-Dichloropropene	ug/L	11/29/2007	N001	5	U		#	5	
1,1-Dichloropropene	ug/L	11/29/2007	N002	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/29/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,2,3-Trichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/29/2007	N002	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/29/2007	N002	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/29/2007	N002	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/29/2007	N002	5	U		#	5	
1,2-Dibromoethane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dibromoethane	ug/L	11/29/2007	N002	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/29/2007	N002	5	U		#	5	
1,2-Dichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dichloroethane	ug/L	11/29/2007	N002	5	U		#	5	
1,2-Dichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dichloropropane	ug/L	11/29/2007	N002	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/29/2007	N002	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	11/29/2007	N002	5	U		#	5	
1,3-Dichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,3-Dichloropropane	ug/L	11/29/2007	N002	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/29/2007	N002	5	U		#	5	
2,2-Dichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
2,2-Dichloropropane	ug/L	11/29/2007	N002	5	U		#	5	
2-Butanone	ug/L	11/29/2007	N001	100	U		#	100	
2-Butanone	ug/L	11/29/2007	N002	100	U		#	100	
2-Chlorotoluene	ug/L	11/29/2007	N001	5	U		#	5	
2-Chlorotoluene	ug/L	11/29/2007	N002	5	U		#	5	
2-Hexanone	ug/L	11/29/2007	N001	50	U		#	50	
2-Hexanone	ug/L	11/29/2007	N002	50	U		#	50	
4-Chlorotoluene	ug/L	11/29/2007	N001	5	U		#	5	
4-Chlorotoluene	ug/L	11/29/2007	N002	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/29/2007	N001	50	U		#	50	
4-Methyl-2-Pentanone	ug/L	11/29/2007	N002	50	U		#	50	
Acetone	ug/L	11/29/2007	N001	100	U		#	100	
Acetone	ug/L	11/29/2007	N002	100	U		#	100	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Benzene	ug/L	11/29/2007	N001	5	U		#	5	
Benzene	ug/L	11/29/2007	N002	5	U		#	5	
Bromobenzene	ug/L	11/29/2007	N001	5	U		#	5	
Bromobenzene	ug/L	11/29/2007	N002	5	U		#	5	
Bromochloromethane	ug/L	11/29/2007	N001	5	U		#	5	
Bromochloromethane	ug/L	11/29/2007	N002	5	U		#	5	
Bromodichloromethane	ug/L	11/29/2007	N001	5	U		#	5	
Bromodichloromethane	ug/L	11/29/2007	N002	5	U		#	5	
Bromoform	ug/L	11/29/2007	N001	5	U		#	5	
Bromoform	ug/L	11/29/2007	N002	5	U		#	5	
Bromomethane	ug/L	11/29/2007	N001	5	U		#	5	
Bromomethane	ug/L	11/29/2007	N002	5	U		#	5	
Carbon Disulfide	ug/L	11/29/2007	N001	5	U		#	5	
Carbon Disulfide	ug/L	11/29/2007	N002	5	U		#	5	
Carbon tetrachloride	ug/L	11/29/2007	N001	5	U		#	5	
Carbon tetrachloride	ug/L	11/29/2007	N002	5	U		#	5	
Chlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
Chlorobenzene	ug/L	11/29/2007	N002	5	U		#	5	
Chlorodibromomethane	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chlorodibromomethane	ug/L	11/29/2007	N002	5	U		#	5	
Chloroethane	ug/L	11/29/2007	N001	5	U		#	5	
Chloroethane	ug/L	11/29/2007	N002	5	U		#	5	
Chloroform	ug/L	11/29/2007	N001	5	U		#	5	
Chloroform	ug/L	11/29/2007	N002	5	U		#	5	
Chloromethane	ug/L	11/29/2007	N001	5	U		#	5	
Chloromethane	ug/L	11/29/2007	N002	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/29/2007	N001	0.747	J		#	5	
cis-1,2-Dichloroethene	ug/L	11/29/2007	N002	0.733	J		#	5	
cis-1,3-Dichloropropene	ug/L	11/29/2007	N001	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/29/2007	N002	5	U		#	5	
Dibromomethane	ug/L	11/29/2007	N001	5	U		#	5	
Dibromomethane	ug/L	11/29/2007	N002	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/29/2007	N001	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/29/2007	N002	5	U		#	5	
Dissolved Oxygen	mg/L	11/29/2007	N001	4.35			0		
Ethylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Ethylbenzene	ug/L	11/29/2007	N002	5	U		#	5	
Hexachlorobutadiene	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Hexachlorobutadiene	ug/L	11/29/2007	N002	5	U		#	5	
Isopropylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Isopropylbenzene	ug/L	11/29/2007	N002	5	U		#	5	
Methylene chloride	ug/L	11/29/2007	N001	5	U		#	5	
Methylene chloride	ug/L	11/29/2007	N002	5	U		#	5	
n-Butylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
n-Butylbenzene	ug/L	11/29/2007	N002	5	U		#	5	
n-Propylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
n-Propylbenzene	ug/L	11/29/2007	N002	5	U		#	5	
Naphthalene	ug/L	11/29/2007	N001	5	U		#	5	
Naphthalene	ug/L	11/29/2007	N002	5	U		#	5	
Oxidation Reduction Potential	mV	11/29/2007	N001	370.8			0		
p-Isopropyltoluene	ug/L	11/29/2007	N001	5	U		#	5	
p-Isopropyltoluene	ug/L	11/29/2007	N002	5	U		#	5	
pH	s.u.	11/29/2007	N001	6.95			0		
Radium-226	pCi/L	11/29/2007	N001	1.52		J	#	.646	.643
Radium-226	pCi/L	11/29/2007	N002	1.28		J	#	.666	.603
Radium-228	pCi/L	11/29/2007	N001	0.362	U		#	.942	.557
Radium-228	pCi/L	11/29/2007	N002	0.592	U		#	.829	.531

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
sec-Butylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
sec-Butylbenzene	ug/L	11/29/2007	N002	5	U		#	5	
Specific Conductance	umhos/cm	11/29/2007	N001	1522			0		
Strontium-90	pCi/L	11/29/2007	N001	2.27		J	#	.778	.759
Strontium-90	pCi/L	11/29/2007	N002	1.92		J	#	.833	.724
Styrene	ug/L	11/29/2007	N001	5	U		#	5	
Styrene	ug/L	11/29/2007	N002	5	U		#	5	
Temperature	C	11/29/2007	N001	13.59			0		
tert-Butylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
tert-Butylbenzene	ug/L	11/29/2007	N002	5	U		#	5	
Tetrachloroethene	ug/L	11/29/2007	N001	18			#	5	
Tetrachloroethene	ug/L	11/29/2007	N002	17.3			#	5	
Toluene	ug/L	11/29/2007	N001	5	U		#	5	
Toluene	ug/L	11/29/2007	N002	5	U		#	5	
Total Xylenes	ug/L	11/29/2007	N001	5	U		#	5	
Total Xylenes	ug/L	11/29/2007	N002	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/29/2007	N001	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/29/2007	N002	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0601 SURFACE LOCATION Mound Operable Unit 1 Seep 0601 FKA S001

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
trans-1,3-dichloropropene	ug/L	11/29/2007	N002	5	U		#	5	
Trichloroethene	ug/L	11/29/2007	N001	5.25			#	5	
Trichloroethene	ug/L	11/29/2007	N002	5.06			#	5	
Trichlorofluoromethane	ug/L	11/29/2007	N001	5	U		#	5	
Trichlorofluoromethane	ug/L	11/29/2007	N002	5	U		#	5	
Tritium	pCi/L	11/29/2007	N001	88000			#	397	17100
Tritium	pCi/L	11/29/2007	N002	88400			#	399	17200
Turbidity	NTU	11/29/2007	N001	6.55			0		
Vinyl chloride	ug/L	11/29/2007	N001	5	U		#	5	
Vinyl chloride	ug/L	11/29/2007	N002	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1-Dichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1-Dichloroethene	ug/L	11/29/2007	N001	5	U		#	5	
1,1-Dichloropropene	ug/L	11/29/2007	N001	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dibromoethane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
2,2-Dichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
2-Butanone	ug/L	11/29/2007	N001	100	U		#	100	
2-Chlorotoluene	ug/L	11/29/2007	N001	5	U		#	5	
2-Hexanone	ug/L	11/29/2007	N001	50	U		#	50	
4-Chlorotoluene	ug/L	11/29/2007	N001	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/29/2007	N001	50	U		#	50	
Acetone	ug/L	11/29/2007	N001	1.52	J		#	100	
Benzene	ug/L	11/29/2007	N001	5	U		#	5	
Bromobenzene	ug/L	11/29/2007	N001	5	U		#	5	
Bromochloromethane	ug/L	11/29/2007	N001	5	U		#	5	
Bromodichloromethane	ug/L	11/29/2007	N001	5	U		#	5	
Bromoform	ug/L	11/29/2007	N001	5	U		#	5	
Bromomethane	ug/L	11/29/2007	N001	5	U		#	5	
Carbon Disulfide	ug/L	11/29/2007	N001	5	U		#	5	
Carbon tetrachloride	ug/L	11/29/2007	N001	5	U		#	5	
Chlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
Chlorodibromomethane	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	11/29/2007	N001	5	U		#	5	
Chloroform	ug/L	11/29/2007	N001	5	U		#	5	
Chloromethane	ug/L	11/29/2007	N001	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/29/2007	N001	18.2			#	5	
cis-1,3-Dichloropropene	ug/L	11/29/2007	N001	5	U		#	5	
Dibromomethane	ug/L	11/29/2007	N001	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/29/2007	N001	5	U		#	5	
Dissolved Oxygen	mg/L	11/29/2007	N001	7.83			0		
Ethylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Hexachlorobutadiene	ug/L	11/29/2007	N001	5	U		#	5	
Isopropylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Methylene chloride	ug/L	11/29/2007	N001	5	U		#	5	
n-Butylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
n-Propylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Naphthalene	ug/L	11/29/2007	N001	5	U		#	5	
Oxidation Reduction Potential	mV	11/29/2007	N001	405.9			0		
p-Isopropyltoluene	ug/L	11/29/2007	N001	5	U		#	5	
pH	s.u.	11/29/2007	N001	6.96			0		
sec-Butylbenzene	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0602 SURFACE LOCATION Mound Operable Unit 1 Seep 0602 FKA S002

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Specific Conductance	umhos/cm	11/29/2007	N001	2383			0		
Styrene	ug/L	11/29/2007	N001	5	U		#	5	
Temperature	C	11/29/2007	N001	7.96			0		
tert-Butylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Tetrachloroethene	ug/L	11/29/2007	N001	5	U		#	5	
Toluene	ug/L	11/29/2007	N001	5	U		#	5	
Total Xylenes	ug/L	11/29/2007	N001	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/29/2007	N001	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/29/2007	N001	5	U		#	5	
Trichloroethene	ug/L	11/29/2007	N001	26.8			#	5	
Trichlorofluoromethane	ug/L	11/29/2007	N001	5	U		#	5	
Tritium	pCi/L	11/29/2007	N001	45100			#	369	8810
Turbidity	NTU	11/29/2007	N001	658			0		
Vinyl chloride	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1-Dichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1-Dichloroethene	ug/L	11/29/2007	N001	5	U		#	5	
1,1-Dichloropropene	ug/L	11/29/2007	N001	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dibromoethane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
2,2-Dichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
2-Butanone	ug/L	11/29/2007	N001	100	U		#	100	
2-Chlorotoluene	ug/L	11/29/2007	N001	5	U		#	5	
2-Hexanone	ug/L	11/29/2007	N001	50	U		#	50	
4-Chlorotoluene	ug/L	11/29/2007	N001	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/29/2007	N001	50	U		#	50	
Acetone	ug/L	11/29/2007	N001	2.26	J		#	100	
Benzene	ug/L	11/29/2007	N001	5	U		#	5	
Bromobenzene	ug/L	11/29/2007	N001	5	U		#	5	
Bromochloromethane	ug/L	11/29/2007	N001	5	U		#	5	
Bromodichloromethane	ug/L	11/29/2007	N001	5	U		#	5	
Bromoform	ug/L	11/29/2007	N001	5	U		#	5	
Bromomethane	ug/L	11/29/2007	N001	5	U		#	5	
Carbon Disulfide	ug/L	11/29/2007	N001	5	U		#	5	
Carbon tetrachloride	ug/L	11/29/2007	N001	5	U		#	5	
Chlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
Chlorodibromomethane	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	11/29/2007	N001	5	U		#	5	
Chloroform	ug/L	11/29/2007	N001	0.257	J	U	#	5	
Chloromethane	ug/L	11/29/2007	N001	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/29/2007	N001	9.54			#	5	
cis-1,3-Dichloropropene	ug/L	11/29/2007	N001	5	U		#	5	
Dibromomethane	ug/L	11/29/2007	N001	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/29/2007	N001	5	U		#	5	
Dissolved Oxygen	mg/L	11/29/2007	N001	5.11			0		
Ethylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Hexachlorobutadiene	ug/L	11/29/2007	N001	5	U		#	5	
Isopropylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Methylene chloride	ug/L	11/29/2007	N001	5	U		#	5	
n-Butylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
n-Propylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Naphthalene	ug/L	11/29/2007	N001	5	U		#	5	
Oxidation Reduction Potential	mV	11/29/2007	N001	74.2			0		
p-Isopropyltoluene	ug/L	11/29/2007	N001	5	U		#	5	
pH	s.u.	11/29/2007	N001	6.92			0		
sec-Butylbenzene	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0605 SURFACE LOCATION Mound Operable Unit 1 Seep 0605 FKA S005

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Specific Conductance	umhos/cm	11/29/2007	N001	1546			0		
Styrene	ug/L	11/29/2007	N001	5	U		#	5	
Temperature	C	11/29/2007	N001	10.43			0		
tert-Butylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Tetrachloroethene	ug/L	11/29/2007	N001	5	U		#	5	
Toluene	ug/L	11/29/2007	N001	5	U		#	5	
Total Xylenes	ug/L	11/29/2007	N001	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/29/2007	N001	0.368	J		#	5	
trans-1,3-dichloropropene	ug/L	11/29/2007	N001	5	U		#	5	
Trichloroethene	ug/L	11/29/2007	N001	10.4			#	5	
Trichlorofluoromethane	ug/L	11/29/2007	N001	5	U		#	5	
Tritium	pCi/L	11/29/2007	N001	25600			#	372	5030
Turbidity	NTU	11/29/2007	N001	1000	>		0		
Vinyl chloride	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1-Dichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1-Dichloroethene	ug/L	11/29/2007	N001	5	U		#	5	
1,1-Dichloropropene	ug/L	11/29/2007	N001	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dibromoethane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
2,2-Dichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
2-Butanone	ug/L	11/29/2007	N001	100	U		#	100	
2-Chlorotoluene	ug/L	11/29/2007	N001	5	U		#	5	
2-Hexanone	ug/L	11/29/2007	N001	50	U		#	50	
4-Chlorotoluene	ug/L	11/29/2007	N001	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/29/2007	N001	50	U		#	50	
Acetone	ug/L	11/29/2007	N001	100	U		#	100	
Benzene	ug/L	11/29/2007	N001	5	U		#	5	
Bromobenzene	ug/L	11/29/2007	N001	5	U		#	5	
Bromochloromethane	ug/L	11/29/2007	N001	5	U		#	5	
Bromodichloromethane	ug/L	11/29/2007	N001	5	U		#	5	
Bromoform	ug/L	11/29/2007	N001	5	U		#	5	
Bromomethane	ug/L	11/29/2007	N001	5	U		#	5	
Carbon Disulfide	ug/L	11/29/2007	N001	5	U		#	5	
Carbon tetrachloride	ug/L	11/29/2007	N001	5	U		#	5	
Chlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
Chlorodibromomethane	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	11/29/2007	N001	5	U		#	5	
Chloroform	ug/L	11/29/2007	N001	5	U		#	5	
Chloromethane	ug/L	11/29/2007	N001	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/29/2007	N001	1.33	J		#	5	
cis-1,3-Dichloropropene	ug/L	11/29/2007	N001	5	U		#	5	
Dibromomethane	ug/L	11/29/2007	N001	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/29/2007	N001	5	U		#	5	
Dissolved Oxygen	mg/L	11/29/2007	N001	5.57			0		
Ethylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Hexachlorobutadiene	ug/L	11/29/2007	N001	5	U		#	5	
Isopropylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Methylene chloride	ug/L	11/29/2007	N001	5	U		#	5	
n-Butylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
n-Propylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Naphthalene	ug/L	11/29/2007	N001	5	U		#	5	
Oxidation Reduction Potential	mV	11/29/2007	N001	348.6			0		
p-Isopropyltoluene	ug/L	11/29/2007	N001	5	U		#	5	
pH	s.u.	11/29/2007	N001	6.96			0		
sec-Butylbenzene	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0607 SURFACE LOCATION Mound Operable Unit 1 Seep 0607 FKA S007

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Specific Conductance	umhos/cm	11/29/2007	N001	1784			0		
Styrene	ug/L	11/29/2007	N001	5	U		#	5	
Temperature	C	11/29/2007	N001	13.71			0		
tert-Butylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Tetrachloroethene	ug/L	11/29/2007	N001	5	U		#	5	
Toluene	ug/L	11/29/2007	N001	5	U		#	5	
Total Xylenes	ug/L	11/29/2007	N001	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/29/2007	N001	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/29/2007	N001	5	U		#	5	
Trichloroethene	ug/L	11/29/2007	N001	6.38			#	5	
Trichlorofluoromethane	ug/L	11/29/2007	N001	5	U		#	5	
Tritium	pCi/L	11/29/2007	N001	12900			#	371	2580
Turbidity	NTU	11/29/2007	N001	18.6			0		
Vinyl chloride	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,1-Trichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,2,2-Tetrachloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1,2-Trichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1-Dichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,1-Dichloroethene	ug/L	11/29/2007	N001	5	U		#	5	
1,1-Dichloropropene	ug/L	11/29/2007	N001	5	U		#	5	
1,2,3-Trichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2,3-Trichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,2,4-Trichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2,4-Trimethylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dibromo-3-chloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dibromoethane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dichloroethane	ug/L	11/29/2007	N001	5	U		#	5	
1,2-Dichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,3,5-Trimethylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
1,3-Dichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
1,4-Dichlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
2,2-Dichloropropane	ug/L	11/29/2007	N001	5	U		#	5	
2-Butanone	ug/L	11/29/2007	N001	100	U		#	100	
2-Chlorotoluene	ug/L	11/29/2007	N001	5	U		#	5	
2-Hexanone	ug/L	11/29/2007	N001	50	U		#	50	
4-Chlorotoluene	ug/L	11/29/2007	N001	5	U		#	5	
4-Methyl-2-Pentanone	ug/L	11/29/2007	N001	50	U		#	50	
Acetone	ug/L	11/29/2007	N001	4.52	J		#	100	
Benzene	ug/L	11/29/2007	N001	5	U		#	5	
Bromobenzene	ug/L	11/29/2007	N001	5	U		#	5	
Bromochloromethane	ug/L	11/29/2007	N001	5	U		#	5	
Bromodichloromethane	ug/L	11/29/2007	N001	5	U		#	5	
Bromoform	ug/L	11/29/2007	N001	5	U		#	5	
Bromomethane	ug/L	11/29/2007	N001	5	U		#	5	
Carbon Disulfide	ug/L	11/29/2007	N001	1.95	J	U	#	5	
Carbon tetrachloride	ug/L	11/29/2007	N001	5	U		#	5	
Chlorobenzene	ug/L	11/29/2007	N001	5	U		#	5	
Chlorodibromomethane	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	11/29/2007	N001	5	U		#	5	
Chloroform	ug/L	11/29/2007	N001	5	U		#	5	
Chloromethane	ug/L	11/29/2007	N001	5	U		#	5	
cis-1,2-Dichloroethene	ug/L	11/29/2007	N001	5	U		#	5	
cis-1,3-Dichloropropene	ug/L	11/29/2007	N001	5	U		#	5	
Dibromomethane	ug/L	11/29/2007	N001	5	U		#	5	
Dichlorodifluoromethane	ug/L	11/29/2007	N001	5	U		#	5	
Dissolved Oxygen	mg/L	11/29/2007	N001	8.06			0		
Ethylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Hexachlorobutadiene	ug/L	11/29/2007	N001	5	U		#	5	
Isopropylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Methylene chloride	ug/L	11/29/2007	N001	5	U		#	5	
n-Butylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
n-Propylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Naphthalene	ug/L	11/29/2007	N001	5	U		#	5	
Oxidation Reduction Potential	mV	11/29/2007	N001	-29.4			0		
p-Isopropyltoluene	ug/L	11/29/2007	N001	5	U		#	5	
pH	s.u.	11/29/2007	N001	7.05			0		
sec-Butylbenzene	ug/L	11/29/2007	N001	5	U		#	5	

Surface Water Quality Data by Location (USEE102) FOR SITE MND01, Mound Site
REPORT DATE: 3/10/2008
Location: 0608 SURFACE LOCATION Mound Operable Unit 1 Seep 0608 FKA S008

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Specific Conductance	umhos/cm	11/29/2007	N001	2351			0		
Styrene	ug/L	11/29/2007	N001	5	U		#	5	
Temperature	C	11/29/2007	N001	4.22			0		
tert-Butylbenzene	ug/L	11/29/2007	N001	5	U		#	5	
Tetrachloroethene	ug/L	11/29/2007	N001	5	U		#	5	
Toluene	ug/L	11/29/2007	N001	0.313	J		#	5	
Total Xylenes	ug/L	11/29/2007	N001	5	U		#	5	
trans-1,2-Dichloroethene	ug/L	11/29/2007	N001	5	U		#	5	
trans-1,3-dichloropropene	ug/L	11/29/2007	N001	5	U		#	5	
Trichloroethene	ug/L	11/29/2007	N001	0.392	J		#	5	
Trichlorofluoromethane	ug/L	11/29/2007	N001	5	U		#	5	
Tritium	pCi/L	11/29/2007	N001	30300			#	372	5930
Turbidity	NTU	11/29/2007	N001	311			0		
Vinyl chloride	ug/L	11/29/2007	N001	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.