2007 SITE-WIDE GROUNDWATER SAMPLING REPORT

ROHM AND HAAS CHEMICALS LLC
2000 WEST STREET
READING, OH 45215

PREPARED FOR:

ROHM AND HAAS COMPANY
3100 STATE ROAD
CROYDON, PA 19021

MARCH 2008

PREPARED BY:

PARSONS
2443 CROWNE POINT DRIVE
CINCINNATI, OH 45241

PARSONS

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31 March 2008

Ms. Mirtha Capiro
Enforcement and Compliance Assurance Branch
Waste, Pesticides and Toxics Division
US EPA Region 5
77 West Jackson Boulevard (DE-9J)
Chicago, IL 60604-3590

Re: 2007 Site-Wide Groundwater Sampling Report
Rohm and Haas Chemicals LLC
Cincinnati Plant, Reading, Ohio

Dear Ms. Capiro:

On behalf of Rohm and Haas Company, Parsons is submitting two hard copies and one electronic PDF copy of the 2007 Site-Wide Groundwater Sampling Report for the Rohm and Haas Chemicals LLC facility located in Reading, Ohio. The analytical data was collected in November 2007 as part of the on-going Facility Investigation being conducted at the site.

If you have any questions regarding this report, please feel free to contact me at 513-552-7016 or Carl Coker at (215) 785-7193.

Sincerely,

Karen Fields

Karen A. Fields
Project Manager

cc: Carl Coker, Rohm and Haas

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SECTION 1.0
INTRODUCTION

This report provides a detailed discussion of tasks conducted as part of the 2007 site-wide groundwater sampling event at the Rohm and Haas Chemicals LLC facility located at 2000 West Street, Reading, Ohio (Figure 1). Rohm and Haas Chemicals LLC is a wholly-owned subsidiary of Rohm and Haas Company (Rohm and Haas). The Rohm and Haas facility engages in the manufacture of chemical products. The site is currently undergoing Resource Conservation and Recovery Act (RCRA) corrective actions associated with Solid Waste Management Units (SWMU's) identified at the facility.

Groundwater sampling requirements dictated by an Agreed Order have been carried out during the RCRA Facility Investigation (FI) and are reported in the Revised FI Report (Geomatrix, 2004). This groundwater sampling event represents ongoing sampling not specifically dictated in the FI Workplan, the Agreed Order, or by any other agency requirement. This work was conducted voluntarily, and at the request of Rohm and Haas, to maintain an annual monitoring schedule for the site during completion of the Baseline Risk Assessment.

SECTION 2.0
SITE-WIDE GROUNDWATER SAMPLING

2.1 Groundwater Sampling

The existing monitoring wells at the site are each screened in one of three zones, the shallow upper aquifer sand (Shallow UA Sands), the deep upper aquifer sand (Deep UA Sands), and the lower aquifer. The aquifer in which each well is screened is provided in Table 1. Figure 2 shows the monitoring well locations.

On 5 November 2007, Parsons measured water levels in all accessible monitoring wells at the site. Monitoring well MW-EPA-4 was not accessed because a vehicle was parked over the well; thus, water levels in MW-EPA-4 were measured on 14 November 2007. Additionally, monitoring well UAW04-20 could not be located due to recent construction at the site and gravel fill had been placed over the well. Therefore, water level measurements and groundwater samples were not collected from this location. A summary of the water level and groundwater elevation data are included in Table 1. A Solinst Interface probe was used to check for any non-aqueous phase liquid (NAPL), and to gauge the depth to water and depth-to-bottom of the wells, while a hydrogen sulfide (H_2S) detector, and photoionization detector (PID) were used to monitor for vapors from the monitoring well and within the breathing zone during gauging activities. A QED MP20 multi-parameter water quality meter was used to measure field parameters in water samples from the monitoring wells.

From November 6 through November 19, 2007 (the 2007 Sampling Event), Parsons sampled each of the on-site wells, except for UAW04-20, as noted above. Parsons performed low-flow purging and sampling utilizing a low-flow bladder pump to sample the on-site monitoring wells (including eight wells that had previously been sampled using disposable polyethylene bailers due to slow recharge (i.e., MW-EPA-2, UAW05-20, UAW06-20, UAW08-20, UAW10-50, UAW10-80, UAW21-30, and UAW22-20)).

The low-flow sampling equipment included a QED SamplePro™ micropurge bladder pump with disposable Teflon bladders and Teflon-lined tubing. Pressurized nitrogen cylinders were used to power the pump. The following steps describe the field methods followed:

1) Gauged and recorded water level.

2) Assembled low-flow bladder pump with disposable bladder and Teflon dual tubing.

3) Set pump slowly into well to the middle of the screened interval and allowed for equilibrium.

4) Assembled the pump controller, nitrogen (N_2) gas cylinder, flow-through cell, and water quality meter.

5) Gauged water level to confirm static water level.

6) Purged at approximately 100 to 300 ml/minute, and recorded water levels every 5 minutes during purging. Maintained the same flow rate during purging and sampling.

7) Measured temperature, specific conductance, pH, dissolved oxygen (DO in mg/l), redox potential (ORP) and turbidity and recorded measurements every 5 minutes. Continued purging until three consecutive readings fell within 10 percent for temperature, DO, ORP and turbidity; within 3 percent for specific conductance; and within 0.2 standard units (S.U.) for pH. Recorded at least three well parameter readings for each well.

8) Collected samples in laboratory-supplied containers and placed them immediately in an ice-filled cooler.

9) Recorded data on groundwater sampling logs (included in Appendix A).

10) Start and end times were recorded in the field book.

2.2 Sample Nomenclature

Groundwater samples were labeled using the Rohm and Haas protocol for field sample labels. The samples were labeled with the date first, then well ID, followed by

vertical depth, and then finally by an alpha character indicating the type of sample (normal, field duplicate, etc). For example, the sample label for UAW01-80 was 20071108UAW01-80V74N. The nomenclature indicates that a normal sample was collected from UAW01-80 on 8 November 2007 at a depth of 74 feet below top of casing. A chain-of-custody accompanied each sample cooler.

2.3 Analytical Methods and QA/QC Procedures

Groundwater samples were submitted to TestAmerica Laboratories (TestAmerica), located in North Canton, Ohio for analysis of volatile organic compounds (VOCs) utilizing United States Environmental Protection Agency (USEPA) Method SW846-8260B, semi-volatile organic compounds (SVOCs) including aniline by USEPA Method SW846-8270C, total metals including tin by USEPA Method SW846-6010B, and Mercury by USEPA Method SW846-7470A.

For quality control purposes, five types of quality control (QC) samples were used to assess the adequacy of sampling, decontamination, and transportation procedures. These QC samples include trip blanks, equipment blanks, field blanks, and field duplicate samples.

- Five trip blanks were used to determine whether contamination or cross-contamination with VOCs occurred during transportation of sample containers. Trip blanks were pre-filled with deionized water by TestAmerica, and accompanied each cooler containing VOC sample containers. One trip blank accompanied each sample cooler shipped to TestAmerica containing VOC samples.
- Two extra sample volumes were collected with samples 20071108UAW25-20V18.5N and 20071114MW-EPA-3V15N for matrix spike/matrix spike duplicate (MS/MSD) control. TestAmerica utilized additional site samples as the MS/MSD samples for SVOC and metals analyses.
- Two field blank samples, 20071107CINFB-1 and 20071115CINFB-2 were collected by dispensing laboratory-grade deionized water into sample bottles under ambient sampling conditions at two locations throughout the facility.

- Two equipment blank samples, 20071107CINEB-1 and 20071115CINEB-2 were collected by pouring laboratory supplied, deionized water through the low-flow equipment following decontamination.
- Two duplicate samples, 20071115UAW09-60V52FD and 20071112UAW10-50V53FD were collected at UAW09-60 and UAW10-50 respectively.

The equipment blank, field blank, duplicate, and MS/MSD samples were analyzed for VOCs by USEPA Method SW846-8260B, SVOCs including aniline by USEPA Method SW846-8270C, total metals including tin by USEPA Method SW846-6010B, and mercury by USEPA Method SW846-7470A. Trip blank samples were analyzed for VOCs by USEPA Method SW846-8260B.

The appropriate chain-of-custody forms were completed and maintained by Parsons' field technician. Samples were taken to the TestAmerica collection facility and shipped in coolers via overnight courier to:

TestAmerica Laboratories
4101 Shuffel Drive NW
North Canton, Ohio 44720
(330) 497-9396

2.4 Disposition of Purge Water

Purge and decontamination water generated during well purging was temporarily placed in sealed, properly-labeled, 5-gallon buckets. Monitoring well purge and decontamination waters were processed through the chemical sewer system leading to the on-site wastewater treatment facility.

2.5 Decontamination Procedures

Equipment used during the groundwater sampling activities was thoroughly decontaminated prior to its initial use and after each subsequent use. Down-hole equipment was decontaminated after use at each well location using laboratory-grade non-phosphate detergent and double-rinsed, first with tap water and then with deionized water. Tap water was obtained from a potable water source inside the facility. The deionized water was obtained from TestAmerica in sealed, 5-gallon polypropylene containers. Upon completion of field activities, sampling equipment was decontaminated

before leaving the site. Decontamination water was processed through the chemical sewer system at the facility at pre-approved access points.

SECTION 3
GROUNDWATER SAMPLING RESULTS

3.1 Groundwater Elevation Data

Parsons conducted the monitoring well survey on November 5, 2007. NAPLs were not detected in any monitoring well. Checks for vapors emanating from the monitoring well casings were also negative. The groundwater level measurements are included in Table 1. Figures 3a and 3b are groundwater potentiometric surface maps for wells completed in the Shallow UA Sands and the Deep UA Sands, respectively. A potentiometric surface map was not prepared for the Lower Aquifer due to the limited number of wells (i.e., three) screened in that interval.

In the Shallow UA Sands, the groundwater flow direction across the site is generally to the west and southwest toward Mill Creek with a steeper gradient in the eastern portion of the site. The hydraulic gradient at the site was approximately 0.032 ft/ft for the Shallow UA Sands calculated across the northern area of the site using the groundwater elevations at wells MW-EPA-2 and MW-EPA-1. The gradient is steeper in the northeast area of the site (calculated at 0.055 ft/ft between MW-EPA-2 and UAW22-20), and flattens in the northwest area of the site (approximately 0.007 ft/ft between UAW22-20 and MW-EPA-1). This potentiometric surface is similar to those observed in previous years.

In the Deep UA Sands (Figure 3b), the groundwater flow direction on the western and eastern portions of the site is toward a central trough. This potentiometric surface is similar to those observed in previous years.

3.2 Groundwater Analytical Data

The analytical results for groundwater samples collected during the 2007 sampling event are summarized in Tables 2, 3 and 4 for VOCs, SVOCs, and inorganics, respectively. Only detected compounds are listed in these analytical tables. The historical distributions of detected VOCs and SVOCs are depicted on Figures 4 and 5, respectively. The 2007 distributions of selected metals (metals that may pose a risk for the groundwater to surface water pathway), specifically aluminum, arsenic, barium,

cadmium, chromium, copper, iron, manganese, nickel, selenium, thallium and tin, are depicted on Figure 6. The historical analytical data tables for groundwater samples are included in Appendix B as Tables B-1, B-2, B-3, and B-4 for VOCs, SVOCs, pesticides and PCBs, and inorganics, respectively. The laboratory electronic data deliverable (EDD) for the 2007 event, including a scanned copy of each chain-of-custody, is provided on the data CD in Appendix C.

Tables 5, 6, and 7 present a summary of the analytes (VOCs, SVOCs, and metals, respectively) for which the 2007 concentrations exceeded the historical concentration range in any given well. The comparison and evaluation of the significance of the 2007 results with the historical range must be made with consideration of the varying reporting limits (i.e. non-detect "<" value). In those instances where a detected value is being compared with a historically "non-detect" level (e.g., comparing "1J" with the range of "<10 to <100"), the detection limit range is provided for comparison.

For the eight wells (MW-EPA-2, UAW05-20, UAW06-20, UAW08-20, UAW10-50, UAW10-80, UAW21-30, and UAW22-20) that had previously been sampled using disposable polyethylene bailers due to slow recharge, the 2007 results (obtained using low-flow methods) show that the results are consistent with the historical data, except for chlorobenzene in UAW05-20. Chlorobenzene was detected at a concentration of 1600 ug/L in UAW05-20 in 2007, which is more than twice as high as the previously detected maximum concentration of 780 ug/L in 2005.

3.2.1 Data Quality Assessment

Thirty-nine groundwater samples were collected from thirty-seven groundwater wells during this monitoring event and analyzed for VOCs, SVOCs, and inorganics. Sample analysis results were reviewed for compliance with applicable data quality criteria utilizing the project-specific data review protocol described in the Analytical Data Review Report, which is included in Appendix D. Based on the data review, sample results (as qualified in the report and on Tables 2, 3 and 4) are considered acceptable and usable for the purpose of reporting annual groundwater monitoring results. Certain sample results were qualified as estimated ("J") due to minor data quality deficiencies. Sample 20071115UAW09-60V52FD and 20071112UAW10-50V53FD were collected as

field duplicates. Field duplicate analysis exhibited good agreement with parent sample results and no sample results were qualified based on field duplicate results for the VOC or SVOC samples. For analysis of metals, five pairs of analyses from sample 20071112UAW10-50V53.70N had RPDs exceeding 30% for a particular analyte (aluminum, iron, manganese, potassium and sodium). The results for these five analytes were qualified with "J" values.

3.2.2 VOCs

Thirty of the thirty-nine groundwater samples collected for analysis of VOCs during this reporting period indicated one or more VOC compounds above laboratory reporting limits. Table 2 displays the detected concentrations. Table 5 identifies those samples in which the concentration was outside the historical range of detections recorded for each well. According to Table 5, detected VOCs resulted in approximately twice as many new low concentrations (48) as new high concentrations (26). Most of the new high concentrations are associated with chlorobenzenes and dichlorobenzenes in the following wells: MW-EPA-1, UAW05-20, UAW06-20, UAW07-20, UAW13-20, and UAW25-20. Monitoring wells UAW05-20 and UAW06-20 are two of the eight wells that were sampled for the first time in 2007 using low-flow methods. Although several new maximum concentrations were detected in these two wells, the maximum detected concentrations are generally similar to the historical concentration ranges within these wells except in UAW05-20, where a value approximately two times higher than the historical maximum concentration of chlorobenzene was detected. Since the concentrations of all the other analytes in the eight wells are similar to historically detected concentrations, the variations are probably not attributable to the sampling method. For nine of the thirty-nine groundwater samples collected, VOC concentrations were not detected above the reporting limit.

In the Shallow UA Sands, the measured concentrations of VOCs are highest in the northwestern area of the site, as shown on Figure 4. The VOC concentrations in wells located in the central, southwestern, southern, eastern, and northeastern areas of the site are generally within or lower than historical concentration ranges.

In the Deep UA Sands, the measured concentrations of VOCs are highest in the northeastern area of the site as depicted on Figure 4. The concentrations of VOCs in each well in the northeastern area were generally within the historical ranges for each well.

3.2.3 SVOCs

Sixteen of the thirty-nine groundwater samples collected in 2007 indicated one or more SVOCs above reporting limits, as indicated in Table 3. For twenty-three of the thirty-nine wells sampled, SVOC concentrations were not detected above the reporting limit. The concentrations of detected SVOCs in samples collected during November 2007 were generally consistent with historical concentrations (i.e., within historical concentration range). Table 6 shows approximately an equal number of new low detections (7) and new high detections (9). Except for bis(2-ethylhexyl)phthalate in MW-EPA-4, the new high concentrations were all within an order of magnitude of the previously detected highest concentrations. Monitoring wells UAW05-20 and UAW22-20 are two of the eight wells that were sampled for the first time in 2007 using low-flow methods. Although several new maximum concentrations were detected in these two wells, the maximum detected concentrations are generally similar to historical concentration ranges and the variations are probably not attributable to the sampling method.

In the Shallow UA Sands, the measured concentrations of SVOCs are highest in the northwestern area of the site, and in the Deep Upper Aquifer the measured concentrations of SVOCs are generally non-detect (Figure 5).

3.2.4 Inorganics (Metals and Cyanide)

During the 2007 sampling event, a total of twenty-one metals were detected above laboratory detection limits within the samples analyzed (beryllium, mercury and silver were not detected above laboratory reporting limits), as indicated in Table 4. For the select list of metals including aluminum, arsenic, barium, cadmium, chromium, copper, iron, manganese, nickel, selenium, thallium and tin, the concentrations in samples collected during this reporting period were consistent with historical concentrations, with the noted exceptions shown in Table 7. The data indicate slightly more new low detections (48) were observed as new high detections (35) within the select list of metals.

The following monitoring wells are the only wells of the eight wells that were sampled for the first time in 2007 using low-flow methods that had a new maximum detected concentrations in 2007: UAW05-20 (barium and tin), UAW06-20 (manganese), UAW10-50 (barium) and UAW22-20 (barium and iron). However, the maximum detections are similar to the historical concentration ranges within these wells and the variations are probably not due to the sampling method.

In the Shallow UA Sands, the measured concentrations of aluminum, arsenic, barium, cadmium, chromium, copper, iron, manganese, nickel, selenium, thallium and tin are highest in the northwestern area of the site, as illustrated on Figure 6. The concentrations of these twelve metals in samples from each well in the northwestern area were generally below or within historical ranges.

In the Deep UA Sands, the measured concentrations of aluminum, arsenic, barium, cadmium, chromium, copper, iron, manganese, nickel, selenium, thallium and tin are presented on Figure 6. The concentrations of these twelve metals in each well across the site were below or within historical ranges, with the exception of an increase of cadmium, chromium, iron and nickel in UAW11-40, an increase of aluminum in UAW26-70, and an increase of chromium and iron in UAW27-50.

SECTION 4.0
SUMMARY

Thirty-seven wells completed in the upper aquifer (UA) were sampled between 6 November and 19 November 2007. These wells were completed in either the shallow sand (i.e. Shallow UA Sands) or the lower sand (i.e. Deep UA Sands). Water levels were measured in the upper aquifer wells, as well as in the three lower aquifer wells, which were not sampled. The ground water level flow directions were generally consistent with historical information. The concentrations of VOCs, SVOCs, and inorganics in samples collected during this reporting period were generally consistent with historical concentrations and within the historical concentration range. Analyte concentrations outside the historical concentration range for a given well are summarized on Tables 5, 6, and 7.

In the Shallow UA Sands, the groundwater flow direction across the site is generally to the west and southwest toward Mill Creek with the steeper gradient in the eastern area of the site which flattens out in the western area as shown on Figure 3a.

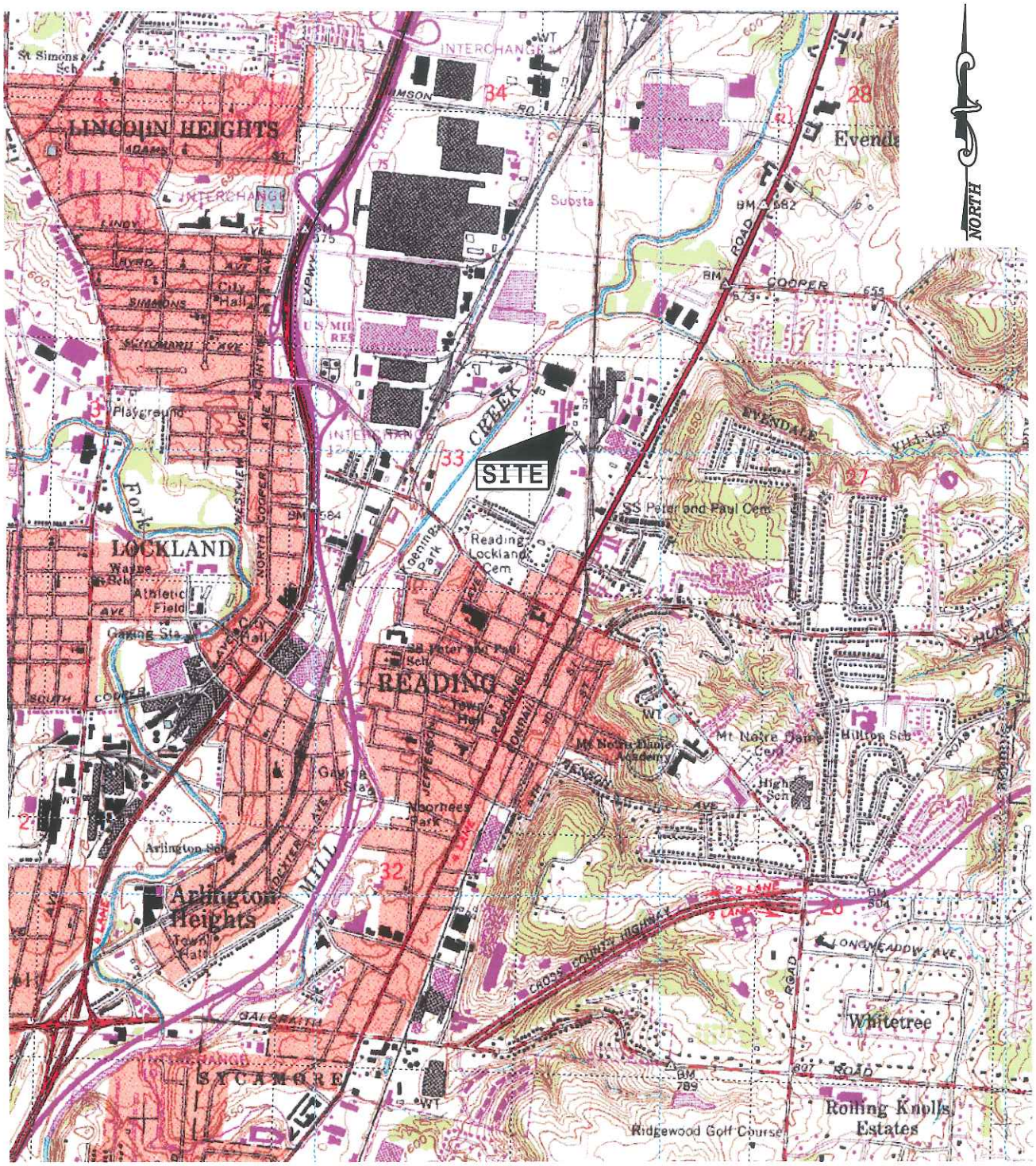
In the Deep UA Sands, the groundwater flow direction across the site is generally westward, toward Mill Creek. Localized groundwater flow in the south west corner of the site is to the east toward a groundwater depression as shown on Figure 3b.

In general, the detected concentrations site-wide were within or often below the range of previously detected results, and using low-flow sampling methods in the eight wells with slow recharge did not have a discernible effect on the overall results as compared to historical concentrations in these wells.

SECTION 5.0
REFERENCES

Geomatrix, September 2004, Facility Investigation Report Conducted at the Morton International, Inc. Site in Reading, Ohio, Revision 01.

FIGURES



2000 1000 0 2000

SCALE IN FEET

CINCINNATI EAST, OHIO QUADRANGLE
LATITUDE: 39° 14' 03" N
LONGITUDE: 84° 26' 16" W

442853.01000
P:\442-\442853 ROH Cincinnati GWS\CAD\Drawings\ROH442853_SLM.dwg

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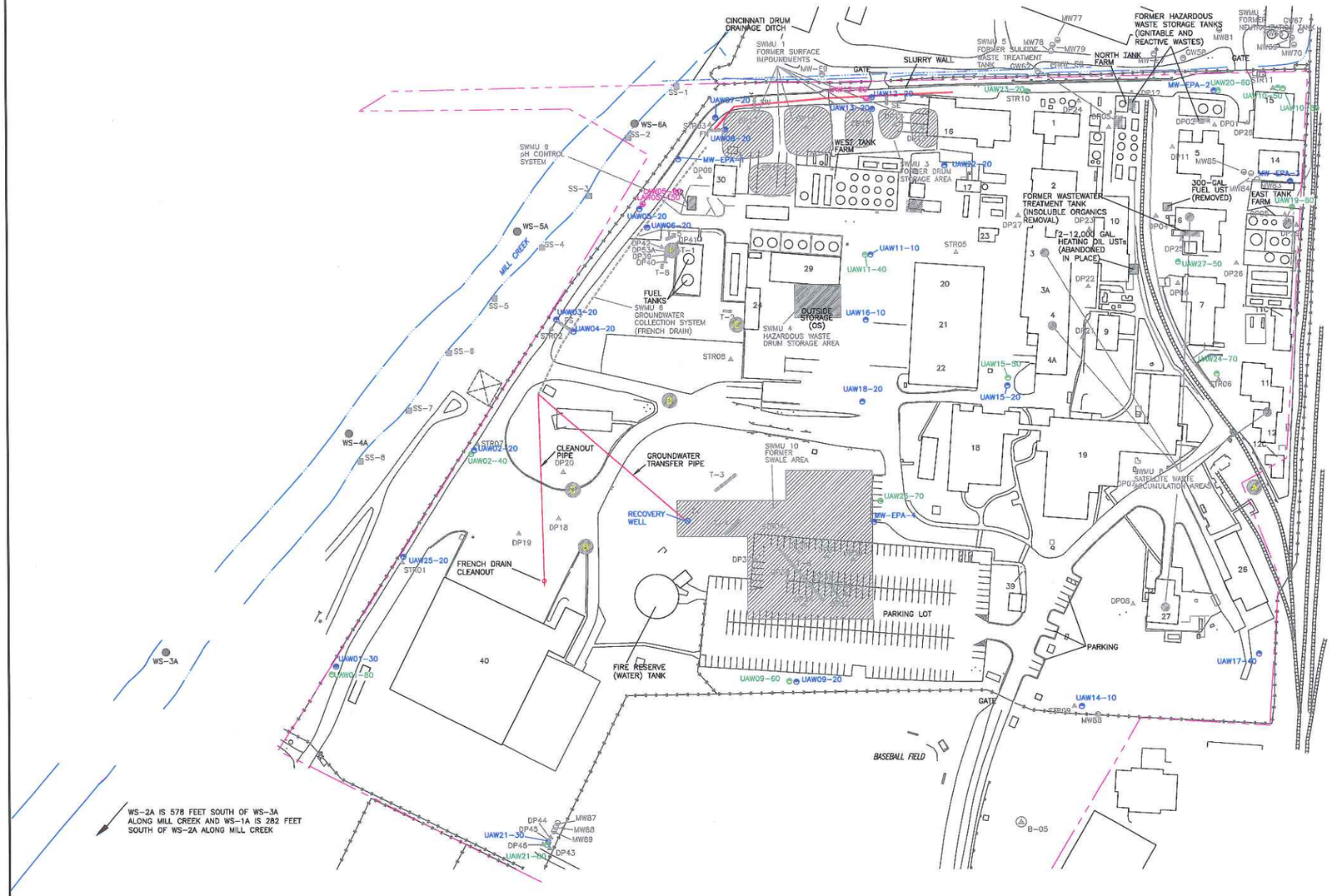
READING, OHIO PLANT

FIGURE 1
SITE
LOCATION
MAP

PARSONS
2443 CROWNE POINT DRIVE, CINCINNATI, OHIO 45241



0 80 160
APPROXIMATE SCALE (FEET)

N

EXPLANATION

- UAW11-10 — UPPER AQUIFER MONITORING WELL LOCATION COMPLETED IN SHALLOW SAND (SHALLOW UPPER AQUIFER WELL)
- UAW11-40 — UPPER AQUIFER MONITORING WELL LOCATION COMPLETED IN LOWER SAND (DEEP AQUIFER WELL)
- LAW12-60 — LOWER AQUIFER MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- STR09 — SOIL BORING LOCATION AND IDENTIFICATION NUMBER
- T-3 — TRENCH LOCATION
- MW-EPA-1 — UPPER AQUIFER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER (PRC, 1993)
- WS-3A — SURFACE WATER SAMPLE LOCATION
- SW — FRENCH DRAIN AND SLURRY WALL LOCATION SOIL BORING SERIES
- MORTON FACILITY PROPERTY BOUNDARY
- SS-2 — STREAM STATION LOCATION
- B-05 — BACKGROUND SAMPLE LOCATION
- GW50 — PRISTINE SHALLOW AQUIFER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- MW71 — PRISTINE LOWER AQUIFER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- IMPOUNDMENT – (FROM 1960 AERIAL PHOTO)
- LOCATION OF REPORTED WASTE BURIAL

Notes:
Units: ug/L
B = Estimated result; result is less than reporting limit
J = Method blank contamination. The associated method blank contains the target analyte at a reportable level.
L = Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.
NA = Not Analyzed
<X = Constituent not detected at or above indicated detection limit.

Base Map Source: Abercrombie & Associates, Inc., May 2001
Pre-2006 Data Source: Geomatrix, March 2006

* = Indicates that Environmental Standards qualified the data as a "non-detect" as part of the 10% data validation. The analyte was detected in a field and/or laboratory blank at a similar level. The only validation qualifiers that have been annotated into the figures are qualifications of detected compounds. Please refer to Appendix D for excerpts from the Quality Assurance Review (Environmental Standards, 2004) and to review data qualification of "non-detect" results.

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CINCINNATI, OHIO PLANT

FIGURE 2

MONITORING WELL LOCATION MAP

PARSONS
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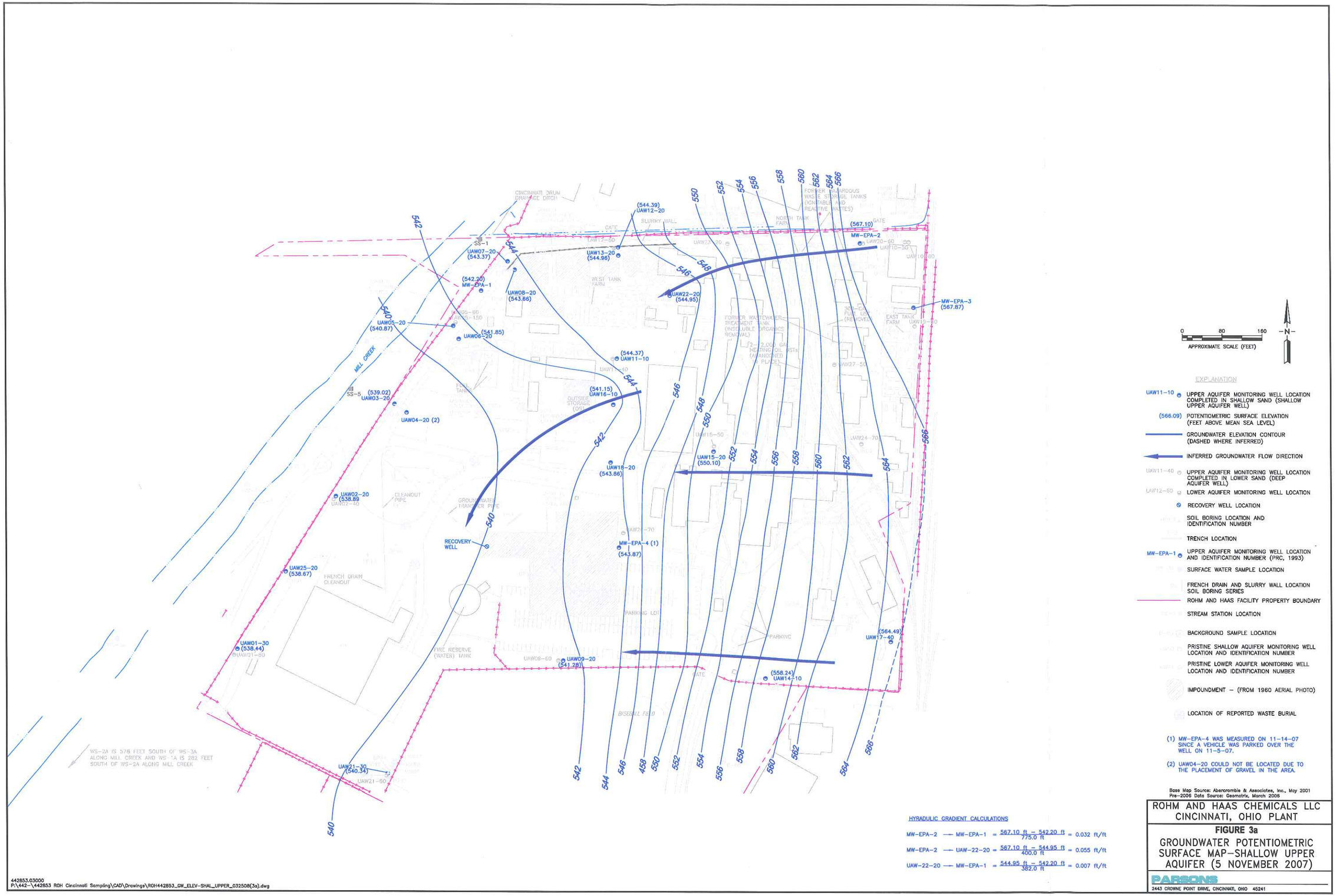
442853.03000
P:\442-\442853 ROH Cincinnati GWS\CAD\Drawings\ROH442853_MW_LOC_032508(2).dwg



EXPLANATION

UAW11-10 — UPPER AQUIFER MONITORING WELL LOCATION COMPLETED IN SHALLOW SAND (SHALLOW UPPER AQUIFER WELL)

(566.09) POTENTIOMETRIC SURFACE ELEVATION (FEET ABOVE MEAN SEA LEVEL)

GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)

INFERRED GROUNDWATER FLOW DIRECTION

UAW11-40 — UPPER AQUIFER MONITORING WELL LOCATION COMPLETED IN LOWER SAND (DEEP AQUIFER WELL)

UAW12-80 — LOWER AQUIFER MONITORING WELL LOCATION

RECOVERY WELL LOCATION

SOIL BORING LOCATION AND IDENTIFICATION NUMBER

TRENCH LOCATION

MW-EPA-1 — UPPER AQUIFER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER (PRC, 1993)

SURFACE WATER SAMPLE LOCATION

FRENCH DRAIN AND SLURRY WALL LOCATION SOIL BORING SERIES

ROHM AND HAAS FACILITY PROPERTY BOUNDARY

STREAM STATION LOCATION

BACKGROUND SAMPLE LOCATION

PRISTINE SHALLOW AQUIFER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER

PRISTINE LOWER AQUIFER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER

IMPOUNDMENT – (FROM 1960 AERIAL PHOTO)

LOCATION OF REPORTED WASTE BURIAL

(1) MW-EPA-4 WAS MEASURED ON 11-14-07 SINCE A VEHICLE WAS PARKED OVER THE WELL ON 11-5-07.

(2) UAW04-20 COULD NOT BE LOCATED DUE TO THE PLACEMENT OF GRAVEL IN THE AREA.

Base Map Source: Abercrombie & Associates, Inc., May 2001
Pre-2006 Data Source: Geometrix, March 2006

HYRADULIC GRADIENT CALCULATIONS

MW-EPA-2 — MW-EPA-1 = $\frac{567.10\ ft - 542.20\ ft}{775.0\ ft}$ = 0.032 ft/ft

MW-EPA-2 — UAW-22-20 = $\frac{567.10\ ft - 544.95\ ft}{400.0\ ft}$ = 0.055 ft/ft

UAW-22-20 — MW-EPA-1 = $\frac{544.95\ ft - 542.20\ ft}{382.0\ ft}$ = 0.007 ft/ft

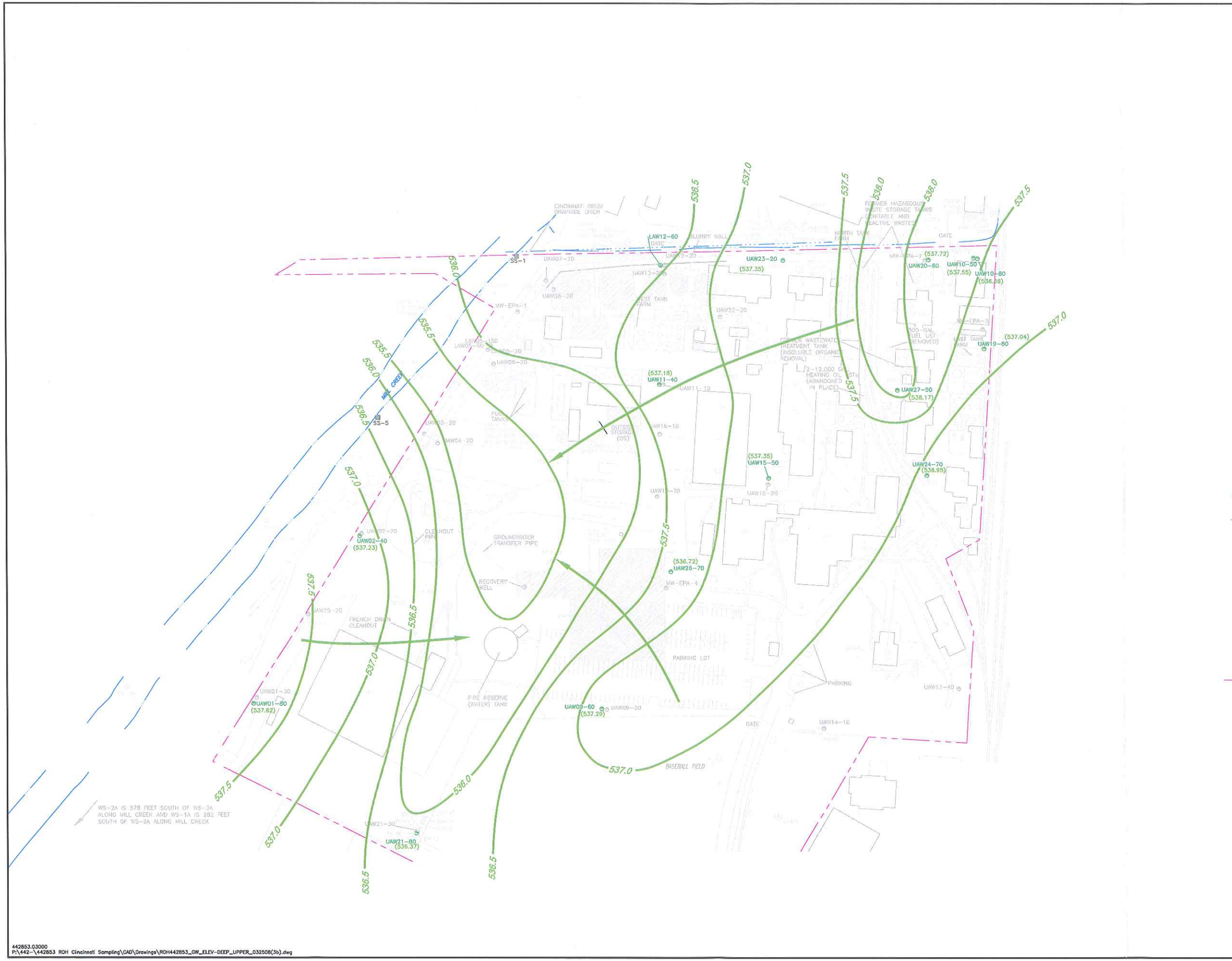
ROHM AND HAAS CHEMICALS LLC
CINCINNATI, OHIO PLANT

FIGURE 3a

GROUNDWATER POTENTIOMETRIC SURFACE MAP–SHALLOW UPPER AQUIFER (5 NOVEMBER 2007)

PARSONS
2443 CROWNE POINT DRIVE, CINCINNATI, OHIO 45241

442853.03000
P:\442-\442853 ROH Cincinnati Sampling\CAD\Drawings\ROH442853_GW_ELEV-SHAL_UPPER_03250B(3a).dwg



EXPLANATION

UAW11-40 UPPER AQUIFER MONITORING WELL LOCATION COMPLETED IN LOWER SAND (DEEP AQUIFER WELL)

(536.49) POTENTIOMETRIC SURFACE ELEVATION (FEET ABOVE MEAN SEA LEVEL)

GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)

INFERRED GROUNDWATER FLOW DIRECTION

UAW11-10 UPPER AQUIFER MONITORING WELL LOCATION COMPLETED IN SHALLOW SAND (SHALLOW UPPER AQUIFER WELL)

LAW12-60 LOWER AQUIFER MONITORING WELL LOCATION

RECOVERY WELL LOCATION

SOIL BORING LOCATION AND IDENTIFICATION NUMBER

TRENCH LOCATION

MW-EPA-1 UPPER AQUIFER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER (PRC, 1993)

SURFACE WATER SAMPLE LOCATION

FRENCH DRAIN AND SLURRY WALL LOCATION SOIL BORING SERIES

ROHM AND HAAS FACILITY PROPERTY BOUNDARY

STREAM STATION LOCATION

BACKGROUND SAMPLE LOCATION

PRISTINE SHALLOW AQUIFER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER

PRISTINE LOWER AQUIFER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER

IMPOUNDMENT – (FROM 1960 AERIAL PHOTO)

LOCATION OF REPORTED WASTE BURIAL

Base Map Source: Abercrombie & Associates, Inc., May 2001
Pre-2006 Data Source: Geomatrix, March 2006

ROHM AND HAAS CHEMICALS LLC
CINCINNATI, OHIO PLANT

FIGURE 3b

GROUNDWATER POTENTIOMETRIC SURFACE MAP–DEEP UPPER AQUIFER (5 NOVEMBER 2007)

PARSONS
2443 CROWNE POINT DRIVE, CINCINNATI, OHIO 45241

442853.03000
P:\442-\442853 ROH Cincinnati Sampling\CAD\Drawings\ROH442853_GW_ELEV-DEEP_UPPER_032508(3b).dwg

TABLES

TABLE 1
GROUNDWATER ELEVATION AND SCREEN LOCATIONS
ROHM AND HAAS CINCINNATI PLANT
5 NOVEMBER 2007

Well ID.	Well Completion Location	Top of Riser Elevation[1]	Depth to Groundwater	Groundwater Elevation[1]
MW-EPA-1	Shallow UA Sands	553.64	11.44	542.20
MW-EPA-2	Shallow UA Sands	575.88	8.78	567.10
MW-EPA-3	Shallow UA Sands	577.77	9.90	567.87
MW-EPA-4[2]	Shallow UA Sands	560.55	16.68	543.87
UAW01-30	Shallow UA Sands	564.27	25.83	538.44
UAW02-20	Shallow UA Sands	551.59	12.70	538.89
UAW03-20	Shallow UA Sands	551.96	12.94	539.02
UAW04-20[3]	Shallow UA Sands	Could not locate		
UAW05-20	Shallow UA Sands	553.47	12.60	540.87
UAW06-20	Shallow UA Sands	553.25	11.40	541.85
UAW07-20	Shallow UA Sands	554.32	10.95	543.37
UAW08-20	Shallow UA Sands	554.20	10.54	543.66
UAW09-20	Shallow UA Sands	565.91	24.63	541.28
UAW11-10	Shallow UA Sands	553.48	9.11	544.37
UAW12-20	Shallow UA Sands	555.19	10.80	544.39
UAW13-20	Shallow UA Sands	555.54	10.58	544.96
UAW14-10	Shallow UA Sands	566.74	8.50	558.24
UAW15-20	Shallow UA Sands	561.34	11.24	550.10
UAW16-10	Shallow UA Sands	554.71	13.56	541.15
UAW17-40	Shallow UA Sands	577.11	12.62	564.49
UAW18-20	Shallow UA Sands	556.17	12.31	543.86
UAW21-30	Shallow UA Sands	565.73	25.39	540.34
UAW22-20	Shallow UA Sands	557.66	12.71	544.95
UAW25-20	Shallow UA Sands	556.07	17.40	538.67
UAW01-80	Deep UA Sands	564.18	26.56	537.62
UAW02-40	Deep UA Sands	551.58	14.35	537.23
UAW09-60	Deep UA Sands	566.32	29.03	537.29
UAW10-50	Deep UA Sands	577.77	40.22	537.55
UAW10-80	Deep UA Sands	577.80	41.44	536.36
UAW11-40	Deep UA Sands	553.45	16.27	537.18
UAW15-50	Deep UA Sands	560.96	23.61	537.35
UAW19-80	Deep UA Sands	580.09	43.05	537.04
UAW20-60	Deep UA Sands	576.13	38.41	537.72
UAW21-80	Deep UA Sands	565.47	29.10	536.37
UAW23-20	Deep UA Sands	559.05	21.70	537.35
UAW24-70	Deep UA Sands	575.90	38.95	536.95
UAW26-70	Deep UA Sands	559.60	22.88	536.72
UAW27-50	Deep UA Sands	574.60	36.43	538.17
LAW05-150	Deep Aquifer	553.36	17.20	536.16
LAW05-60	Deep Aquifer	553.26	17.40	535.86
LAW12-60	Deep Aquifer	554.89	18.60	536.29

[1]All depths in feet, all elevations in feet above mean sea level

[2]MW-EPA-4 was measured on 11-14-07 since a vehicle was parked over the well on 11-5-07.

[3]UAW04-20 could be not located due to the placement of gravel in the area.

Table 2
Volatile Organic Compound Analytical Results
Rohm and Haas Cincinnati Plant
2007 Sampling Event

SAMPLE LOCATION	SAMPLE DATE	ANALYTES (µg/L)																												
		1,1,1-TRICHLOROETHANE	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1,1,2-TRICHLOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	ACETONE	BENZENE	BROMODICHLOROMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHYLENE	CYCLOHEXANE	ETHYLBENZENE	METHYL ETHYL KETONE (2-BUTANONE)	METHYL ISOBUTYL KETONE	METHYLCYCLOHEXANE	METHYLENE CHLORIDE	TETRACHLOROETHYLENE(PCE)	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHYLENE (TCE)	VINYL CHLORIDE	XYLENES, TOTAL
MW-EPA-1	11/19/2007	< 250	< 250	< 250	< 250	< 250	790	< 250	57 J	400	< 2500	< 250	< 250	< 250	< 250	7600	< 250	< 120	< 250	< 250	< 2500	< 2500	< 250	< 250	< 250	< 250	< 120	< 250	< 250	< 250
MW-EPA-2	11/19/2007	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 50	< 5	< 5	< 5	< 5	< 5	1 J	< 2.5	< 5	< 5	< 50	< 50	< 5	< 5	79	< 5	< 2.5	< 5	< 5	< 5
MW-EPA-3	11/14/2007	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
MW-EPA-4	11/14/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
UAW01-30	11/8/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
UAW01-80	11/8/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	4	< 1
UAW02-20	11/9/2007	< 1	< 1	< 1	< 1	< 1	2.6	< 1	< 1	1.1	< 10	< 1	< 1	< 1	< 1	1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
UAW02-40	11/9/2007	< 1	< 1	< 1	14	2.8	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	37	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	2.2	< 1	0.51 J	< 1
UAW03-20	11/13/2007	< 1	< 1	< 1	< 1	< 1	0.22 J	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	0.61 J	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
UAW04-20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UAW05-20	11/15/2007	< 62	< 62	< 62	< 62	< 62	100	< 62	< 62	85	< 620	< 62	< 62	49 J	< 62	1600	< 62	< 31	< 62	< 62	< 620	< 620	< 62	< 62	< 62	< 62	< 31	< 62	< 62	< 62
UAW06-20	11/15/2007	< 5	< 5	< 5	< 5	< 5	150	< 5	2.2 J	15	< 50	< 5	< 5	3.6 J	< 5	100	< 5	< 2.5	< 5	< 5	< 50	< 50	< 5	< 5	< 5	0.87 J	< 2.5	< 5	< 5	< 5
UAW07-20	11/15/2007	< 20	< 20	< 20	< 20	< 20	290	< 20	< 20	26	< 200	< 20	< 20	< 20	< 20	530 J	< 20	< 10	< 20	< 20	< 200	< 200	< 20	< 20	< 20	< 20	< 10	< 20	< 20	< 20
UAW08-20	11/7/2007	< 17	< 17	< 17	< 17	< 17	280	< 17	5 J	28	< 170	93	< 17	22 U	< 17	54	< 17	< 8.3	3.4 J	43	< 170	37 J	15 J	< 17	< 17	430	< 8.3	< 17	< 17	180
UAW09-20	11/15/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	1	< 1	< 1	< 1	0.36 J	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
UAW09-60	11/15/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
UAW09-60 dup	11/15/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
UAW10-50	11/12/2007	4.2	1	1	2.6	0.86 J	< 1	4.7	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	35	22	< 1	< 1	< 10	< 10	< 1	< 1	4.9	< 1	0.7	2.2	< 1	< 1
UAW10-50 dup	11/12/2007	4.1	0.93 J	1	2.6	0.74 J	< 1	4.6	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	34	22	< 1	< 1	< 10	< 10	< 1	< 1	4.6	< 1	0.62	2.1	< 1	< 1
UAW10-80	11/12/2007	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	40	< 1.4	< 1.4	< 14	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	0.41 J	0.59 J	< 1.4	< 1.4	< 14	< 14	< 1.4	< 1.4	< 1.4	< 1.4	< 0.72	< 1.4	0.51 J	< 1.4
UAW11-10	11/16/2007	< 1	< 1	< 1	10	0.31 J	17	< 1	1.2	6.9	< 10	< 1	< 1	6.6	< 1	5.2	< 1	4.5	< 1	< 1	< 10	0.94 J	< 1	< 1	< 1	0.33 J	0.43 J	< 1	0.99 J	< 1
UAW11-40	11/16/2007	4.2	0.61 J	0.47 J	4.6	< 1	< 1	8.1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	1.6	0.3 J	5.4	< 1	< 1	< 10	< 10	< 1	< 1	11	< 1	0.25 J	1.7	< 1	< 1
UAW12-20	11/16/2007	< 67	< 67	< 67	< 67	< 67	260	< 67	28 J	130	< 670	< 67	< 67	45 J	< 67	1800	< 67	< 33	< 67	< 67	< 670	< 670	< 67	< 67	< 67	< 67	< 33	< 67	< 67	< 67
UAW13-20	11/16/2007	< 12	< 12	< 12	< 12	< 12	88	< 12	< 12	14	130 U	12	< 12	140	< 12	58	< 12	< 6.2	< 12	5.1 J	< 120	15 J	< 12	< 12	< 12	42	< 6.2	< 12	2.8 J	9.2 J
UAW14-10	11/7/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
UAW15-20	11/19/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	0.78 J	< 1	0.69 J	< 1	20	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
UAW15-50	11/19/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	1.1	< 1	< 1	< 1	27	< 1	< 0.5	0.42 J	0.28 J	< 10	15	< 1	< 1	< 1	0.44 J	< 0.5	0.29 J	< 1	0.61 J
UAW16-10	11/19/2007	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	13	< 1.4	0.51 J	5.2	< 14	< 1.4	< 1.4	< 1.4	< 1.4	7.7	< 1.4	< 0.72	< 1.4	< 1.4	< 14	< 14	< 1.4	< 1.4	< 1.4	< 1.4	< 0.72	< 1.4	< 1.4	< 1.4
UAW17-40	11/19/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
UAW18-20	11/16/2007	< 1	< 1	< 1	< 1	< 1	1.6	< 1	< 1	0.65 J	< 10	< 1	< 1	5.7	< 1	1.1	< 1	< 0.5	< 1	< 1	< 10	0.96 J	< 1	< 1	< 1	0.27 J	< 0.5	< 1	< 1	< 1
UAW19-80	11/14/2007	4.1	< 1.4	< 1.4	8.8	1.5	< 1.4	34	< 1.4	< 1.4	< 14	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	0.86 J	12	< 1.4	< 1.4	< 14	< 14	< 1.4	< 1.4	< 1.4	< 1.4	0.34 J	< 1.4	< 1.4	< 1.4
UAW20-60	11/15/2007	50 J	< 67	< 67	26 J	< 67	< 67	1500	< 67	< 67	< 670	< 67	< 67	< 67	< 67	< 67	73	59	< 67	< 67	< 670	< 670	< 67	< 67	44 J	< 67	< 33	< 67	< 67	< 67
UAW21-30	11/6/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	0.6 J	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	0.59 J	< 1	< 1
UAW21-80	11/6/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
UAW22-20	11/16/2007	< 12	< 12	< 12	11 J	< 12	49	< 12	< 12	6.3 J	560 U	< 12	< 12	< 12	< 12	52	< 12	6.5	< 12	< 12	< 120	< 120	< 12	< 12	< 12	< 12	< 6.2	< 12	< 12	< 12
UAW23-20	11/13/2007	9	1.1	2.3	4.2	1.5	< 1	0.36 J	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	28	5.2	< 1	< 1	< 10	< 10	< 1	< 1	25	< 1	0.47 J	3.5	< 1	< 1

Table 2
Volatile Organic Compound Analytical Results
Rohm and Haas Cincinnati Plant
2007 Sampling Event

SAMPLE LOCATION	SAMPLE DATE	ANALYTES (µg/L)																												
		1,1,1-TRICHLOROETHANE	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1,1,2-TRICHLOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHENE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	ACETONE	BENZENE	BROMODICHLOROMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROFORM	CIS-1,2-DICHLOROETHYLENE	CYCLOHEXANE	ETHYLBENZENE	METHYL ETHYL KETONE (2-BUTANONE)	METHYL ISOBUTYL KETONE	METHYLCYCLOHEXANE	METHYLENE CHLORIDE	TETRACHLOROETHYLENE(PCE)	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHYLENE (TCE)	VINYL CHLORIDE	XYLENES, TOTAL
UAW24-70	11/7/2007	< 1	< 1	< 1	< 1	< 1	< 1	0.26 J	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
UAW25-20	11/8/2007	< 1	< 1	< 1	< 1	< 1	13	< 1	0.46 J	3.9	< 10	< 1	< 1	< 1	< 1	4.8	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
UAW26-70	11/14/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
UAW27-50	11/13/2007	1.9	< 1	< 1	6.4	0.77 J	< 1	0.52 J	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	0.46 J	8.7	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	0.22 J	< 1	< 1	< 1
20071107CINEB-1	11/7/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	3 J	< 1	< 1	1.5	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
20071107CINFB-1	11/7/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	3.9 J	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
20071109CINTB-1	11/9/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.5 J	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
20071109CINTB-2	11/9/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
20071114CINTB-1	11/14/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
20071115CINEB-2	11/15/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
20071115CINFB-2	11/15/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
20071116CINTB-1	11/16/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2.4 J	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1
20071119CINTB-1	11/19/2007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2.5 J	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 10	< 10	< 1	< 1	< 1	< 1	< 0.5	< 1	< 1	< 1

Note: Only detected compounds are included in the table.
NA - Not applicable; UAW04-20 was not sampled due to site construction activities.
"J" flag indicates an estimated value detected below the method reporting limit.
"U" flag indicates a detected concentration qualified as undetected during data review due to contamination of an associated method blank or trip blank.
"B" flag indicates the analyte was also detected in the asociated method blank.

Table 3
Semi-volatile Organic Compound Analytical Results
Rohm and Haas Cincinnati Plant
2007 Sampling Event

SAMPLE LOCATION	SAMPLE DATE	ANALYTES (µg/L)													
		2-CHLOROPHENOL	2-METHYLNAPHTHALENE	4-CHLORO-3-METHYLPHENOL	4-METHYLPHENOL	ACETOPHENONE	ANILINE	BENZALDEHYDE	BIS(2-ETHYLHEXYL) PHTHALATE	CAPROLACTAM	DI-N-BUTYL PHTHALATE	FLUORENE	NAPHTHALENE	PENTACHLOROPHENOL	PHENOL
MW-EPA-1	11/19/2007	< 200	< 200	< 200	< 200	< 200	42 J	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
MW-EPA-2	11/19/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MW-EPA-3	11/14/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MW-EPA-4	11/14/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	14	< 10	< 10	< 10	< 10	< 10	< 10
UAW01-30	11/8/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW01-80	11/8/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW02-20	11/9/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1.6 J	< 10
UAW02-40	11/9/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW03-20	11/13/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW04-20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UAW05-20	11/15/2007	< 25	< 25	< 25	< 25	< 25	28 J	5.5 J	< 25	2.8 J	< 25	< 25	< 25	< 25	< 25
UAW06-20	11/15/2007	< 25	< 25	< 25	< 25	< 25	3.1 J	< 25	< 25	4 J	< 25	1.3 J	< 25	< 25	< 25
UAW07-20	11/15/2007	< 50	< 50	< 50	< 50	< 50	12 J	< 50	< 50	4.5 J	< 50	< 50	< 50	< 50	< 50
UAW08-20	11/7/2007	< 2000	< 2000	< 2000	< 2000	< 2000	5700	< 2000	< 2000	< 2000	< 2000	< 2000	< 2000	< 2000	< 2000
UAW09-20	11/15/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW09-60	11/15/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW09-60 dup	11/15/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	24 B	< 10	< 10	< 10	< 10	< 10	< 10
UAW10-50	11/12/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW10-50 dup	11/12/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW10-80	11/12/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW11-10	11/16/2007	< 10	< 10	< 10	1.6 J	< 10	3.7 J	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW11-40	11/16/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW12-20	11/16/2007	5.8 J	< 67	< 67	< 67	< 67	< 67	< 67	< 67	< 67	< 67	< 67	< 67	< 67	< 67
UAW13-20	11/16/2007	< 25	5.4 J	< 25	< 25	< 25	40	< 25	< 25	12 J	< 25	< 25	2.5 J	3.3 J	< 25
UAW14-10	11/7/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW15-20	11/19/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW15-50	11/19/2007	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
UAW16-10	11/19/2007	< 10	< 10	< 10	< 10	< 10	6.6 J	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW17-40	11/19/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW18-20	11/16/2007	< 10	< 10	< 10	< 10	< 10	39	< 10	< 10	1.8 J	< 10	< 10	< 10	< 10	< 10
UAW19-80	11/14/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW20-60	11/15/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW21-30	11/6/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW21-80	11/6/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW22-20	11/16/2007	< 10	< 10	< 10	1.2 J	< 10	5.3 J	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW23-20	11/13/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW24-70	11/7/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1.7 J	< 10
UAW25-20	11/8/2007	< 10	< 10	< 10	< 10	< 10	1.2 J	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW26-70	11/14/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
UAW27-50	11/13/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
20071107CINEB-1	11/7/2007	< 10	< 10	< 10	< 10	0.81 J	< 10	< 10	< 10	< 10	0.76 J	< 10	< 10	< 10	< 10
20071107CINFB-1	11/7/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1 J B	< 10	0.81 J	< 10	< 10	< 10	< 10
20071115CINEB-2	11/15/2007	< 10	< 10	0.64 J	< 10	1.6 J	< 10	< 10	< 10	< 10	1.4 J	< 10	< 10	< 10	< 10
20071115CINFB-2	11/15/2007	< 10	< 10	0.81 J	< 10	1.5 J	< 10	< 10	< 10	< 10	0.95 J	< 10	< 10	< 10	1 J

Note: Only detected compounds are included in the table.
A - Not applicable; UAW04-20 was not sampled due to site construction activities.
"J" flag indicates an estimated value detected below the method reporting limit.
"U" flag indicates a detected concentration qualified as undetected during data review due to contamination of an associated method blank or trip blank.
"B" flag indicates the analyte was also detected in the asociated method blank.

Table 4
Inorganic Analytical Results
Rohm and Haas Cincinnati Plant
2007 Sampling Event

SAMPLE LOCATION	SAMPLE DATE	ANALYTES (µg/L)																			
		ALUMINUM	ANTIMONY	ARSENIC	BARIUM	CADMIUM	CALCIUM	CHROMIUM, TOTAL	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	NICKEL	POTASSIUM	SELENIUM	SODIUM	THALLIUM	TIN	VANADIUM	ZINC
MW-EPA-1	11/19/2007	409	< 10	184	294 J	< 2	270000 J	47.5	2.1 B	4.6 B	7090 J	< 3	185000 J	177 J	88.7	15600	< 5	791000	5.4 B	678	3.9 B	12.3 B
MW-EPA-2	11/19/2007	7030	< 10	4 B	278 J	< 2	295000 J	1010	12.7	39.2	12700 J	4	95100 J	755 J	243	8490	< 5	600000	7.9 B	52.7 B	19.4	48.5
MW-EPA-3	11/14/2007	2370	2 B	< 10	123 B	< 2	205000 J	8.6	3 B	< 25	4910	< 3	69500	468	24.4 B	2720 B J	< 5	32900	< 10	< 100	3.7 B	41.2
MW-EPA-4	11/14/2007	< 200	3.7 B	< 10	176 B	< 2	160000 J	436	5.5 B	8.4 B	1320	< 3	38000	235	374	6380 J	< 5	570000	< 10	< 100	1.4 B	< 20
UAW01-30	11/8/2007	< 200	< 10	25	298 J	< 2	247000 J	97.3	< 7	< 25	12200	< 3	57700 J	631 J	124	11400 J	< 5	474000	< 10	< 100	< 7	< 20
UAW01-80	11/8/2007	< 200	< 10	< 10	301 J	< 2	94100 J	< 5	< 7	< 25	8500	< 3	23900 J	461 J	< 40	1830 B J	< 5	53400	< 10	< 100	< 7	< 20
UAW02-20	11/9/2007	120 B	< 10	< 10	79.5 B J	< 2	80600 J	< 5	< 7	< 25	813	< 3	16000 J	140 J	< 40	1910 B J	< 5	349000	< 10	< 100	< 7	< 20
UAW02-40	11/9/2007	< 200	< 10	< 10	115 B J	< 2	102000 J	< 5	< 7	< 25	3760	< 3	34500 J	561 J	< 40	1770 B J	< 5	40600	< 10	< 100	< 7	< 20
UAW03-20	11/13/2007	5600	< 10	< 10	41.9 B	< 2	38300 J	11.5	3.7 B	15.6 B	7210	10.2	7480	172	12.4 B	3340 B J	4.4 B	112000	< 10	57.1 B	11.7	96.1
UAW04-20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UAW05-20	11/15/2007	< 200	< 10	6.5 B	152 B	< 2	326000	55.6	< 7	< 25	1610	< 3	59300	851	37.9 B	9390 J	< 5	495000	7.2 B	746	4 B	7.7 B
UAW06-20	11/15/2007	< 200	< 10	< 10	114 B	< 2	418000	< 5	< 7	< 25	252	< 3	54600	3660	< 40	10200 J	< 5	279000	< 10	431	9.7	< 20
UAW07-20	11/15/2007	< 200	< 10	< 10	85.8 B	< 2	408000	< 5	< 7	< 25	< 100	< 3	51900	768	< 40	11200 J	< 5	529000	5.5 B	746	2.2 B	< 20
UAW08-20	11/7/2007	< 200	< 10	44.2	78 B J	< 2	883000 J	22.9	< 7	5 B	313	< 3	147000 J	222 J	4.7 B	17200 J	< 5	562000	< 10	5940 J	< 7	14.9 B J
UAW09-20	11/15/2007	< 200	< 10	< 10	81.9 B	< 2	133000	40.1	6.5 B	< 25	1580	< 3	34700	112	416	1410 B J	< 5	62900	6 B	3.4 B	< 7	< 20
UAW09-60	11/15/2007	< 200	< 10	7.4 B	351	< 2	107000	< 5	< 7	< 25	100	< 3	36200	143	< 40	1560 B J	< 5	14800	6.6 B	< 100	< 7	< 20
UAW09-60 dup	11/15/2007	< 200	< 10	7.5 B	354	< 2	108000	2.8 B	< 7	< 25	119	< 3	36600	151	< 40	1550 B J	< 5	15100	7.7 B	< 100	< 7	< 20
UAW10-50	11/12/2007	112 J	< 10	< 10	385	< 2	105000	< 5	< 7	< 25	574 J	< 3	31200	373 J	3.5 B	13400 J	< 5	73200 J	< 10	< 100	< 7	22.5
UAW10-50 dup	11/12/2007	1270 J	4.5 B	< 10	49.6 B	< 2	139000	2.8 B	< 7	< 25	1190 J	< 3	36400	57.3 J	5.2 B	4770 J	< 5	30800 J	< 10	< 100	2.1 B	12.3 B
UAW10-80	11/12/2007	206	2.7 B	17.3 U	267	< 2	132000 J	2.8 B	< 7	< 25	8960	< 3	41900	350	< 40	1590 B J	< 5	13500	< 10	< 100	< 7	< 20
UAW11-10	11/16/2007	< 200	< 10	9.3 B	50.7 B	< 2	243000	< 5	< 7	< 25	741	< 3	38800	4540	17.5 B	6560 J	< 5	628000	6.6 B	702	5.8 B	6.6 B
UAW11-40	11/16/2007	267	< 10	< 10	56.3 B	4.4	317000	535	11.1	15 B	6400	3.3	81200	1570	383	5300 J	< 5	442000	< 10	84 B	2.4 B	41.2
UAW12-20	11/16/2007	< 200	< 10	< 10	39.2 B	< 2	781000	< 5	< 7	12.8 B	952	< 3	60700	6230	< 40	14200 J	< 5	964000	< 10	70.5 B	2.5 B	39.9
UAW13-20	11/16/2007	< 200	< 10	26.5	6.3 B	< 2	797000	24.3	< 7	< 25	< 100	< 3	74900	3190	10.4 B	7850 J	< 5	522000	< 10	1740	8.1	10.7 B
UAW14-10	11/7/2007	170 B	< 10	< 10	76.1 B J	< 2	91700 J	< 5	< 7	< 25	1440	< 3	24500 J	183 J	3.5 B	1580 B J	< 5	35200	< 10	< 100	< 7	< 20
UAW15-20	11/19/2007	188 B	< 10	< 10	215 J	< 2	210000 J	13.3	10.5	5.4 B	747 J	< 3	52900 J	28.4 J	59.1	3760 B	< 5	587000	6.4 B	118	< 7	53.7
UAW15-50	11/19/2007	< 200	< 10	44.3	423 J	< 2	151000 J	< 5	< 7	< 25	5180 J	< 3	59200 J	632 J	39 B	5160	< 5	125000	< 10	1310	< 7	16.3 B
UAW16-10	11/19/2007	< 200	< 10	< 10	43.8 B J	< 2	257000 J	< 5	< 7	< 25	502 J	< 3	40900 J	1660 J	12.7 B	10800	< 5	369000	6.6 B	973	3.2 B	7.9 B
UAW17-40	11/19/2007	< 200	< 10	< 10	187 B J	< 2	98300 J	< 5	< 7	< 25	1600 J	< 3	30900 J	311 J	< 40	851 B	< 5	13400	5.8 B	8 B	< 7	< 20
UAW18-20	11/16/2007	124 B	< 10	7.7 B	416	< 2	204000	< 5	< 7	< 25	2990	< 3	45000	1660	23.4 B	4350 B J	< 5	1020000	< 10	729	1.3 B	24
UAW19-80	11/14/2007	< 200	< 10	< 10	79.9 B	< 2	202000 J	< 5	< 7	< 25	< 100	< 3	59400	14.3 B	< 40	2060 B J	< 5	69600	< 10	< 100	< 7	< 20
UAW20-60	11/15/2007	< 200	< 10	4.2 B	20.4 B	1 B	343000	4.7 B	2.7 B	6 B	306	< 3	97000	80.6	6.7 B	2180 B J	< 5	85600	< 10	7.3 B	< 7	5.6 B
UAW21-30	11/6/2007	< 200	< 10	< 10	108 B J	< 2	165000 J	450	11.5 U	20.9 B	7580	< 3	42200 J	107 J	994	4610 B J	< 5	245000	< 10	< 100	< 7	< 20
UAW21-80	11/6/2007	< 200	< 10	14.8	162 B J	< 2	83800 J	< 5	< 7	< 25	< 100	< 3	31000 J	< 15	< 40	7190 J	< 5	29900	< 10	< 100	< 7	< 20
UAW22-20	11/16/2007	100 B	< 10	18.9	438	< 2	296000	2.5 B	< 7	9.8 B	43000	< 3	62200	7330	17.3 B	10600 J	< 5	662000	< 10	261	< 7	11 B
UAW23-20	11/13/2007	< 200	9.7 B	< 10	28.8 B	< 2	329000 J	103	2.1 B	< 25	4270	< 3	71600	132	395	23200 J	17.1	109000	< 10	< 100	< 7	< 20
UAW24-70	11/7/2007	< 200	< 10	< 10	119 B J	< 2	8270 J	< 5	< 7	< 25	< 100	< 3	2600 B J	< 15	< 40	21100 J	< 5	124000	< 10	< 100	< 7	< 20
UAW25-20	11/8/2007	< 200	< 10	22.4	191 B J	< 2	145000 J	103	< 7	< 25	9250	< 3	27500 J	774 J	13.7 B	2810 B J	< 5	414000	< 10	156 J	< 7	< 20
UAW26-70	11/14/2007	1140	6.5 B	< 10	47.5 B	< 2	132000 J	2.8 B	< 7	< 25	1110	< 3	34200	56.8	5.4 B	4660 B J	< 5	28500	< 10	< 100	2.1 B	11.8 B
UAW27-50	11/13/2007	251	< 10	< 10	91.4 B	< 2	179000 J	34.3	< 7	< 25	1370	< 3	50900	42.5	65.8	1940 B J	< 5	30400	< 10	< 100	< 7	10.2 B
20071107CINEB-1	11/7/2007	< 200	< 10	< 10	< 200	< 2	< 5000	< 5	< 7	< 25	< 100	< 3	< 5000	< 15	< 40	<5000	< 5	< 5000	< 10	< 100	< 7	< 20
20071107CINFB-1	11/7/2007	< 200	< 10	< 10	< 200	< 2	< 5000	< 5	< 7	< 25	< 100	< 3	< 5000	< 15	< 40	<5000	< 5	< 5000	< 10	< 100	< 7	< 20
20071115CINEB-2	11/15/2007	< 200	2.4 B	< 10	< 200	< 2	< 5000	< 5	< 7	< 25	< 100	< 3	< 5000	< 15	< 40	159 B J	< 5	< 5000	< 10	< 100	< 7	< 20
20071115CINFB-2	11/15/2007	< 200	< 10	< 10	< 200	< 2	< 5000	< 5	< 7	< 25	< 100	< 3	< 5000	< 15	< 40	160 B J	< 5	< 5000	< 10	< 100	< 7	< 20

Note: Only detected compounds are included in the table.
NA - Not applicable; UAW04-20 was not sampled due to site construction activities.
"B" flag indicates an estimated value detected below the method reporting limit.
"U" flag indicates a detected concentration qualified as undetected during data review due to contamination of an associated method blank or trip blank.
"J" flag indicates the analyte was also detected in the asociated method blank.

Table 5
Summary of 2007 VOC Results Exceeding Historical Range
Rohm and Haas Cincinnati Plant

Well Location	Analyte	2007 Concentration (ug/L)		Historical Concentration Range (ug/L)	
		New Min.	New Max.	New Min.	New Max.
MW-EPA-1	1,2-DICHLOROBENZENE	790		940	1900
MW-EPA-1	1,3-DICHLOROBENZENE		57 J	33 J	46 J
MW-EPA-1	1,4-DICHLOROBENZENE		400	160	330
MW-EPA-1	CHLOROBENZENE		7600	1600	4500
UAW02-20	1,2-DICHLOROBENZENE	2.6		5.1 J	15
UAW02-20	1,4-DICHLOROBENZENE	1.1		1.7 J	6.1
UAW02-20	CHLOROBENZENE	1		5.3	32
UAW02-40	VINYL CHLORIDE	0.51 J		0.56 J	0.78 J
UAW03-20	1,2-DICHLOROBENZENE	0.22 J		0.45 J	360
UAW03-20	METHYL ISOBUTYL KETONE	0.61 J		1.2 J	1.2 J
UAW05-20	CARBON DISULFIDE		49 J	6.7 J	6.9 J
UAW05-20	CHLOROBENZENE		1600	310	780
UAW06-20	1,2-DICHLOROBENZENE		150	14	140
UAW06-20	1,3-DICHLOROBENZENE		2.2 J	1.7 J	2.1 J
UAW06-20	1,4-DICHLOROBENZENE		15	4 J	13
UAW06-20	CARBON DISULFIDE		3.6 J	1.7 J	1.8 J
UAW06-20	TOLUENE	0.87 J		1 J	13
UAW07-20	1,2-DICHLOROBENZENE		290	34	180
UAW07-20	1,4-DICHLOROBENZENE		26	7.2 J	17
UAW07-20	CHLOROBENZENE		530 J	38	270
UAW09-20	CHLOROFORM	0.36 J		0.4 J	2.7
UAW10-50	1,1,1-TRICHLOROETHANE	4.1		8.2	36
UAW10-50	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.93 J		1.5 J	3.2 J
UAW10-50	1,1,2-TRICHLOROETHANE	1		1.3 J	1.9 J
UAW10-50	1,1-DICHLOROETHANE	2.6		5.4 J	14
UAW10-50	1,1-DICHLOROETHENE	0.74 J		1.6 J	3.4
UAW10-50	1,2-DICHLOROETHANE	4.6		10	420
UAW10-50	CIS-1,2-DICHLOROETHYLENE	22		33	59
UAW10-50	TRANS-1,2-DICHLOROETHENE	0.62		0.75 J	2.8
UAW11-10	1,1-DICHLOROETHANE		10	1.1	1.8 J
UAW11-10	1,3-DICHLOROBENZENE		1.2	1.1	1.1
UAW11-10	CHLOROBENZENE	5.2		5.3	32
UAW11-10	CIS-1,2-DICHLOROETHYLENE		4.5	0.77	1.4 J
UAW11-10	METHYL ISOBUTYL KETONE	0.94 J		4 J	4 J
UAW11-10	TOLUENE	0.33 J		0.82 J	1.3 J
UAW11-40	1,1,1-TRICHLOROETHANE	4.2		6.6	15
UAW11-40	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.61 J		0.68 J	1.4
UAW11-40	1,1,2-TRICHLOROETHANE	0.47 J		0.51 J	0.53 J
UAW11-40	CHLOROFORM	0.3 J		0.52 J	3.5 J
UAW11-40	TETRACHLOROETHYLENE(PCE)	11		13	26
UAW11-40	TRANS-1,2-DICHLOROETHENE	0.25 J		0.29 J	0.32 J
UAW12-20	1,2-DICHLOROBENZENE	260		310	1900
UAW12-20	CARBON DISULFIDE		45 J	20 J	20 J
UAW13-20	1,2-DICHLOROBENZENE		88	49 J	66
UAW13-20	1,4-DICHLOROBENZENE		14	11	11
UAW13-20	BENZENE	12		15	26 B
UAW13-20	CHLOROBENZENE		58	20	40
UAW13-20	ETHYLBENZENE		5.1 J	3 J	4.3 J
UAW15-20	CARBON TETRACHLORIDE	0.69 J		1.1 J	2.2 J
UAW15-50	BENZENE	1.1		2.8 J	2.8 J
UAW15-50	CYCLOHEXANE	0.42 J		0.5 J	0.5 J
UAW15-50	TOLUENE	0.44 J		11	230
UAW16-10	1,3-DICHLOROBENZENE	0.51 J		0.85 J	0.97 J
UAW16-10	1,4-DICHLOROBENZENE	5.2		6.5	12
UAW19-80	CHLOROFORM	0.86 J		1.1	19
UAW19-80	TRANS-1,2-DICHLOROETHENE	0.34 J		0.45 J	0.48 J
UAW21-30	CHLOROFORM		0.6 J	0.23 J	0.58 J
UAW22-20	1,4-DICHLOROBENZENE	6.3 J		6.8 J	10 J
UAW23-20	1,1,1-TRICHLOROETHANE	9		13	51
UAW23-20	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.1		1.4	2.4

Table 5
Summary of 2007 VOC Results Exceeding Historical Range
Rohm and Haas Cincinnati Plant

Well Location	Analyte	2007 Concentration (ug/L)		Historical Concentration Range (ug/L)	
		New Min.	New Max.	New Min.	New Max.
UAW23-20	1,1,2-TRICHLOROETHANE	2.3		2.6	6.3 J
UAW23-20	1,1-DICHLOROETHANE	4.2		5.8	20
UAW23-20	CIS-1,2-DICHLOROETHYLENE	5.2		6.6	25
UAW23-20	TETRACHLOROETHYLENE(PCE)	25		27	82
UAW23-20	TRANS-1,2-DICHLOROETHENE	0.47 J		0.6	0.85
UAW23-20	TRICHLOROETHYLENE (TCE)	3.5		3.8	8.8 J
UAW24-70	1,2-DICHLOROETHANE	0.26 J		0.65 J	0.65 J
UAW25-20	1,2-DICHLOROBENZENE		13	5.6 J	11
UAW25-20	1,3-DICHLOROBENZENE		0.46 J	0.42 J	0.42 J
UAW25-20	1,4-DICHLOROBENZENE		3.9	1.7 J	3.3
UAW25-20	CHLOROBENZENE	4.8		6	18
UAW27-50	1,1,1-TRICHLOROETHANE		1.9	0.98 J	1.6
UAW27-50	CIS-1,2-DICHLOROETHYLENE		8.7	5.2	7.1
UAW27-50	TRANS-1,2-DICHLOROETHENE	0.22 J		0.24 J	0.27 J

J = Estimated result. Value is less than reporting limit.
B = Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Table 6
Summary of 2007 SVOC Results Exceeding Historical Range
Rohm and Haas Cincinnati Plant

Well Location	Analyte	2007 Concentration (ug/L)		Historical Concentration Range (ug/L)	
		New Min.	New Max.	New Min.	New Max.
MW-EPA-1	ANILINE		42 J	28 J	37
MW-EPA-4	BIS(2-ETHYLHEXYL) PHTHALATE		14	0.65 J B	0.65 J B
UAW05-20	ANILINE		28 J	7.4 J	10 J
UAW05-20	BENZALDEHYDE		5.5 J	1.7 J	3.7 J
UAW06-20	CAPROLACTAM	4 J		5.5 J	11
UAW07-20	CAPROLACTAM		4.5 J	3.4 J	3.4 J
UAW09-60	BIS(2-ETHYLHEXYL) PHTHALATE		24 B	0.57 J B	3.5 J
UAW11-10	4-METHYLPHENOL	1.6 J		9 J	9 J
UAW11-10	ANILINE	3.7 J		16	200
UAW12-20	2-CHLOROPHENOL		5.8 J	4.1 J	4.1 J
UAW13-20	2-METHYLNAPHTHALENE	5.4 J		5.7 J	8.6 J
UAW13-20	ANILINE	40		48 J	830
UAW13-20	NAPHTHALENE	2.5 J		2.6 J	2.6 J
UAW18-20	ANILINE		39	2 J	32
UAW22-20	ANILINE		5.3 J	1.2 J	2.2 J
UAW25-20	ANILINE	1.2 J		1.3 J	1.9 J

J = Estimated result. Value is less than reporting limit.
B = Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Table 7
Summary of Select 2007 Metal Results Exceeding Historical Range
Rohm and Haas Cincinnati Plant

Well Location	Analyte	2007 Concentration (ug/L)		Historical Concentration Range (ug/L)	
		New Min.	New Max.	New Min.	New Max.
MW-EPA-1	ALUMINUM		409	69.4 B	365 J
MW-EPA-1	ARSENIC	184		215	611
MW-EPA-1	BARIUM		294 J	145 B	287
MW-EPA-1	MANGANESE	177 J		219	520
MW-EPA-1	TIN	678		1310	3390
MW-EPA-3	CHROMIUM, TOTAL	8.6		10.7	143
MW-EPA-3	NICKEL	24.4 B		28.6 B	159
MW-EPA-4	CHROMIUM, TOTAL		436	36.1	207
MW-EPA-4	COPPER		8.4 B	3.3 B	4.6 B J
UAW01-30	ARSENIC		25	5.1 B	13.2
UAW01-30	CHROMIUM, TOTAL		97.3	7.7	32.8
UAW01-30	IRON		12200	150	9970
UAW01-80	BARIUM	301 J		308	350
UAW01-80	MANGANESE	461 J		492 J	563
UAW02-20	ALUMINUM		120 B	35 B J	61.2 B J
UAW02-20	MANGANESE	140 J		322	975 J
UAW02-40	BARIUM	115 B J		117 B J	190 B
UAW03-20	ALUMINUM		5600	39.6 B J	5520
UAW03-20	BARIUM	41.9 B		68.9 B	422
UAW03-20	MANGANESE	172		557 J	2860 J
UAW03-20	TIN	57.1 B		67.9 B	2400
UAW05-20	BARIUM		152 B	55.9 B J	123 B
UAW05-20	TIN		746	99.9 B	569
UAW06-20	MANGANESE		3660	1040 J	3000 J
UAW06-20	TIN	431		1440	11100
UAW08-20	MANGANESE	222 J		550 J	2310 J
UAW08-20	NICKEL	4.7 B		7.9 B	118
UAW09-20	IRON		1580	62.5 B	374
UAW09-20	NICKEL		416	6.4 B	81.9
UAW09-20	TIN	3.4 B		5.4 B	18.5 B
UAW09-60	THALLIUM		7.7 B	5.3 B	6 B
UAW10-50	ALUMINUM	112 J		318	32800
UAW10-50	BARIUM	49.6 B		51.8 B	281
UAW10-50	BARIUM		385	51.8 B	281
UAW10-50	CHROMIUM, TOTAL	2.8 B		4.3 B	46.7
UAW10-50	MANGANESE	57.3 J		354 J	1210
UAW10-50	NICKEL	3.5 B		9.7 B	61.8
UAW10-80	ALUMINUM	206		300	11000
UAW10-80	MANGANESE	350		386 J	3560 J
UAW11-10	ARSENIC	9.3 B		29.2	176
UAW11-10	TIN	702		1450	4060
UAW11-40	BARIUM		56.3 B	24.4 B	31.4 B
UAW11-40	CADMIUM		4.4	0.31 J	1.3 B J
UAW11-40	CHROMIUM, TOTAL		535	2.3 B	124
UAW11-40	COPPER		15 B	6.2 B	13.7 B
UAW11-40	IRON		6400	56.7 B	1920
UAW11-40	MANGANESE		1570	903	1520 J
UAW11-40	NICKEL		383	49.3	87
UAW11-40	TIN		84 B	47.2 B	73.1 B
UAW13-20	ARSENIC	26.5		27.8	83.1
UAW13-20	BARIUM	6.3 B		9.1 B	27.4 B
UAW13-20	MANGANESE		3190	2750	3180 J
UAW13-20	NICKEL	10.4 B		10.8 B	23.2 B
UAW14-10	MANGANESE		183 J	26.4 J	100 J
UAW15-50	ARSENIC	44.3		60.7	91.6
UAW15-50	BARIUM	423 J		486	1090
UAW15-50	NICKEL	39 B		58.6	130
UAW15-50	TIN	1310		1830	2400

Table 7
Summary of Select 2007 Metal Results Exceeding Historical Range
Rohm and Haas Cincinnati Plant

Well Location	Analyte	2007 Concentration (ug/L)		Historical Concentration Range (ug/L)	
		New Min.	New Max.	New Min.	New Max.
UAW16-10	MANGANESE	1660 J		1690 J	4460 J
UAW17-40	MANGANESE		311 J	148 J	309 J
UAW17-40	THALLIUM	5.8 B		12.7 J	12.7 J
UAW18-20	ARSENIC	7.7 B		8.2 B	32.3
UAW20-60	ARSENIC	4.2 B		20.8	20.8
UAW20-60	CADMIUM		1 B	0.3 B	0.87 B
UAW20-60	MANGANESE	80.6		94.7 J	696
UAW20-60	TIN	7.3 B		9 B	547
UAW21-80	ARSENIC	14.8		24.2	45.8
UAW21-80	BARIUM	162 B J		208	258
UAW22-20	ALUMINUM	100 B		128 B J	14700
UAW22-20	BARIUM		438	103 B	233
UAW22-20	IRON		43000	169	41400
UAW24-70	BARIUM	119 B J		145 B J	280
UAW25-20	MANGANESE	774 J		914 J	1880 J
UAW25-20	NICKEL	13.7 B		27.7 B	128
UAW26-70	ALUMINUM		1140	87.5 B	379 J
UAW26-70	BARIUM	47.5 B		265	443 J
UAW26-70	IRON	1110		2650	3290
UAW26-70	MANGANESE	56.8		282 J	363
UAW27-50	ALUMINUM		251	40.7 B	169 B
UAW27-50	BARIUM	91.4 B		93.6 B	138 B
UAW27-50	CHROMIUM, TOTAL		34.3	2.4 B	5.5
UAW27-50	IRON		1370	85.3 B	291
UAW27-50	NICKEL		65.8	6 B	38.2 B

B = Estimated result. Value is less than reporting limit.
J = Method blank contamination. The associated method blank contains the target analyte at a reportable level.

APPENDIX A

GROUNDWATER SAMPLING LOGS

PARSONS Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

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Monitoring Well Information

Well ID	MW-EPA-1	Water Level Indicator	Totwell
Well Diameter	2 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-19-07	Calibration Date/Time and Standards	11/ 19 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Boughey	Static DTW and DTB (Ft below TOC)	DTW = 11.70 DTB= 16.78
Wind Speed/Direction	5-10 NE	Depth of Pump Intake (Ft below TOC)	15.00
Weather	50°F cloudy	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	OK.	Pump Cycle Information	13 sec. Refill 2 sec. Discharge @ 20 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-19	1225									200	
	1230	1.00	11.73	20.53	6.61	7.91	1.10	-84	143	180	
	1233	2.00	11.80	20.32	6.72	7.12	0.71	-89	140	150	
	1236	2.20	11.78	19.48	6.76	6.99	0.76	-86	149	150	
	1239	2.30	11.78	19.25	6.77	6.89	0.72	-85	152	150	
	1242	2.60	11.78	19.22	6.79	6.80	0.65	-83	157	150	
	1245	2.80	11.79	19.35	6.79	6.76	0.59	-82	125.	150	
	1248	3.20	11.72	19.49	6.81	6.72	0.52	-83	101	150	
	1251	3.50	11.77	19.72	6.82	6.77	0.47	-83	93.5	150	
	1254	3.70	11.81	20.01	6.83	6.65	0.41	-84	72.7	150	
	1257	4.00	11.86	20.12	6.85	6.62	0.36	-84	66.4	150	
	1300	4.40	11.89	20.14	6.85	6.61	0.35	-86	59.7	150	
	1303	4.70	11.90	20.15	6.86	6.61	0.33	-87	58.0	150	
	1306										

Monitoring Well Sample Record

Sample ID	20071119MW-EPA-1V15N	Sample Parameters	☑ VOCs 8260B ☑ SVOCs 8270C ☑ Metals (Total) 6010/7471 + Nickel
Sample Date	11-19-07	Comments (Note QA/QC IDs here)	
Sample Time	1310		

Sampler's Signature [signature] Sampler's Name Patrick Boughey Reviewed By:

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PARSONS Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

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Monitoring Well Information

Well ID	MW-EPA-2	Water Level Indicator	Tatwell
Well Diameter	2 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-19-07	Calibration Date/Time and Standards	11/ 19 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Bougles	Static DTW and DTB (Ft below TOC)	DTW = 9.25 DTB= 20.84
Wind Speed/Direction	Calm	Depth of Pump Intake (Ft below TOC)	19.00
Weather	48°F cloudy	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	Bad pad	Pump Cycle Information	28 sec. Refill 2 sec. Discharge @ 35 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity ~~(µS/cm)~~ 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-19-07	1345					mS/cm					
	1350	.10	9.30	16.41	7.11	5.18	3.70	+17	472	110	
	1353	.30	9.39	16.57	7.05	5.25	3.05	22	468	110	
	1356	.60	9.47	16.73	7.01	5.27	2.93	28	457	110	
	1359	0.80	9.54	16.90	6.99	5.29	2.89	30	444	110	
	1402	1.00	9.61	17.01	6.97	5.29	2.71	+34	439	110	
	1405	1.20	9.71	17.48	6.92	5.36	2.06	+42	424	110	
	1408	1.40	10.02	17.55	6.92	5.36	1.69	+48	293	110	
	1411	1.60	10.03	17.69	6.91	5.37	1.41	+51	257	110	
	1414	1.90	10.17	17.77	6.90	5.35	1.03	+55	222	110	
	1417	2.20	10.40	17.80	6.89	5.34	0.91	+60	214	110	
	1420	2.50	10.50	17.83	6.89	5.33	0.87	62	209	110	
	1423	2.80	10.57	17.85	6.89	5.33	0.85	64	205	110	

Monitoring Well Sample Record

Sample ID	20071119MW-EPA-2V19N	Sample Parameters	☑VOCs 8260B ☑SVOCs 8270C ☑Metals (Total) 6010/7471 + Nickel
Sample Date	11-19-07	Comments (Note QA/QC IDs here)	
Sample Time	1425		

Sampler's Signature [signature] Sampler's Name Patrick Bougles Reviewed By:

PARSONS Groundwater Sampling Log
Rohm and Haas

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	MW-EPA-3	Water Level Indicator	Test well
Well Diameter	2 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-14-07	Calibration Date/Time and Standards	11/ 14 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Bougle	Static DTW and DTB (Ft below TOC)	DTW = 9.73 DTB= 17.45
Wind Speed/Direction	5-10 NE	Depth of Pump Intake (Ft below TOC)	15.00
Weather	cloudy	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	O.K	Pump Cycle Information	13.5 sec. Refill 1.5 sec. Discharge @ 25 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-14-07	1025										
	1030	1.20	10.15	19.37	7.00	0.804	1.35	+57	93.7	120	
	1033	1.80	10.22	19.30	6.91	0.937	1.23	+72	86.2	120	
	1036	2.00	10.28	19.32	6.86	0.979	0.92	6	87.3	120	
	1039	2.10	10.28	19.24	6.81	1.180	0.76	-18	83.7	120	
	1042	2.20	10.28	19.25	6.77	1.338	0.67	-28	81.2	120	
	1045	2.35	10.29	19.25	6.74	1.454	0.62	-33	80.1	120	
	1048	2.50	10.29	19.21	6.72	1.532	0.57	-38	64.2	120	
	1051	2.80	10.29	19.24	6.71	1.61	0.51	-41	53.0	120	
	1054	3.00	10.35	19.26	6.71	1.61	0.48	-43	48.9	120	
	1057	3.20	10.37	19.27	6.71	1.60	0.43	-45	43.7	120	
	1100	3.50	10.40	19.29	6.71	1.60	0.41	-46	39.8	120	
	1103	4.00	10.44	19.29	6.70	1.73	0.33	-48	37.3	120	
	1106	4.50	10.49	19.28	6.68	1.83	0.30	-51	35.8	120	
	1109	5.00	10.51	19.28	6.67	1.85	0.29	-52	33.2	120	
	1112	5.45	10.52	19.28	6.67	1.87	0.28	-53	31.3	120	sample

Monitoring Well Sample Record

Sample ID	20071114MW-EPA-3V15N	Sample Parameters	☒VOCs 8260B ☒SVOCs 8270C ☒Metals (Total) 6010/7471 + Nickel
Sample Date	11-14-07	Comments (Note QA/QC IDs here)	Also collected MS/MSD
Sample Time	1115		

Sampler's Signature [signature] Sampler's Name Patrick Bougle Reviewed By:

Monitoring Well Information

Well ID	MW-EPA-4	Water Level Indicator	Solinst 122
Well Diameter	2-inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11/14/07	Calibration Date/Time and Standards	11/14 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	S Stewart	Static DTW and DTB (Ft below TOC)	DTW = 16.68 DTB= 20.09
Wind Speed/Direction	5-10mph East	Depth of Pump Intake (Ft below TOC)	18.0
Weather	Overcast ~ 55°	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition		Pump Cycle Information	12 sec. Refill 30 sec. Discharge @ 30 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11/14	1:40	.8	16.7	19.50	6.90	4.69	2.65	+4	109	80	Very turbid, Cloudy
	1:45	1.7	16.7	19.06	7.28	4.45	1.30	+9	44	115	Water is Brown
	1:48	2.1	16.70	19.04	7.29	4.21	1.46	+17	14	115	Pump clogged initially
	1:51	2.3	16.70	19.06	7.30	4.15	1.54	+17	52.0	115	pulled out & sprayed clean.
	1:54	2.6	16.70	19.02	7.26	3.99	1.61	+16	27.8	115	Also some bubbles
	1:57	3.0	16.70	19.07	7.27	3.96	1.63	+15	20.5	115	in sample container, could
	2:00	3.3	16.71	19.07	7.28	3.93	1.63	+15	17.7	115	effect DO reading.
	1:03	3.7	16.71	19.06	7.28	3.87	1.64	+16	13.0	115	
	1:06	4.0	16.71	19.10	7.29	3.86	1.65	+14	10.75	115	
	1:09	4.6	16.72	19.08	7.29	3.85	1.64	+14	9.44	115	
	1:12	5.0	16.72	19.09	7.27	3.85	1.65	+14	9.02	115	
	1:15	5.4	16.73	19.31	7.31	3.82	1.65	+13	7.94	115	
	1:18	5.8	16.73	19.33	7.31	3.82	1.64	+13	8.40	115	
	1:21	6.1	16.73	19.26	7.29	3.81	1.65	+12	8.01	115	
	1:24	6.3	16.74	19.19	7.27	3.81	1.67	+13	7.82	115	

Monitoring Well Sample Record

Sample ID	20071114MW-EPA-4\18N	Sample Parameters	☑ VOCs 8260B ☑ SVOCs 8270C ☑ Metals (Total) 6010/7471 + Nickel
Sample Date	11/14/07	Comments (Note QA/QC IDs here)	
Sample Time	2:30		

Sampler's Signature: [signature] Sampler's Name: Spencer Stewart Reviewed By: _____

PARSONS Groundwater Sampling Log
Rohm and Haas

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

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Monitoring Well Information

Well ID	UAW01-30	Water Level Indicator	Test well
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-08-07	Calibration Date/Time and Standards	11/ 08 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Boughen	Static DTW and DTB (Ft below TOC)	DTW = 25.88 DTB= 31.63
Wind Speed/Direction	5-10 mph	Depth of Pump Intake (Ft below TOC)	29.00
Weather	36°F cold, cloudy	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	OK	Pump Cycle Information	13 sec. Refill 2 sec. Discharge @ 25 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-08-07											
	1050	0.80	25.90	14.92	7.24	4.51	1.42	-82	550	160	Iron color water
	1055	1.50	25.90	14.99	7.16	4.47	1.33	-81	503	160	
	1058	2.00	25.90	15.07	7.11	4.42	1.21	-80	425	160	
	1101	2.40	25.90	15.15	7.08	4.45	1.10	-80	287	160	
	1104	2.70	25.90	15.22	7.06	4.43	1.01	-79	167	160	
	1107	3.00	25.91	15.33	6.98	4.37	0.97	-79	100	160	
	1110	3.30	25.91	15.35	6.96	4.37	0.89	-80	53	160	
	1113	3.75	25.91	15.37	6.95	4.36	0.73	-81	27	160	
	1116	4.00	25.91	15.38	6.94	4.36	0.69	-81	5	160	
	1119	4.30	25.91	15.37	6.93	4.36	0.66	-81	2	160	
	1122	4.80	25.92	15.35	6.92	4.35	0.65	-82	23	160	
	1125										

Monitoring Well Sample Record

Sample ID	20071108UAW01-30V29N	Sample Parameters	☑VOCs 8260B ☑SVOCs 8270C ☑Metals (Total) 6010/7471 + Nickel
Sample Date	11-08-07	Comments (Note QA/QC IDs here)	
Sample Time	1125		

Sampler's Signature [signature]

Sampler's Name Patrick Boughen

Reviewed By:

PARSONS Groundwater Sampling Log Rohm and Haas

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

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Monitoring Well Information

Well ID	UAW 01-80	Water Level Indicator	Testwell
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-08-07	Calibration Date/Time and Standards	11/ 8 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Boughen	Static DTW and DTB (Ft below TOC)	DTW = 26.46 DTB= 81.70
Wind Speed/Direction	5 mph NE	Depth of Pump Intake (Ft below TOC)	74.00
Weather	36°F cold, cloudy	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	OK	Pump Cycle Information	10 sec. Refill 5 sec. Discharge @ 40 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-08-07	0950									150	
	0955	0.20	26.50	12.93	7.19	0.835	4.45	-119	9.8	150	
	0958	0.70	26.50	12.98	7.19	0.841	3.71	-121	10.1	150	
	1001	1.10	26.51	13.01	7.19	0.853	2.97	-129	9.6	150	
	1004	1.50	26.52	13.00	7.20	0.869	2.01	-132	9.5	150	
	1007	2.00	26.55	13.06	7.21	0.885	1.74	-137	9.3	150	
	1010	2.40	26.60	13.11	7.21	0.885	1.51	-139	9.1	150	
	1013	2.75	26.60	13.17	7.21	0.886	1.27	-140	9.0	150	
	1016	3.00	26.60	13.31	7.21	0.886	1.06	-141	9.0	150	
	1019	3.25	26.60	13.37	7.20	0.886	0.92	-142	8.3	150	
	1022	3.75	26.60	13.45	7.20	0.887	0.84	-144	8.1	150	
	1025	3.90	26.60	13.45	7.20	0.887	0.80	-144	8.0	150	
	1028	4.10	26.60	13.47	7.20	0.888	0.77	-145	7.9	150	

Monitoring Well Sample Record

Sample ID	20071108UAW01-80U74N	Sample Parameters	☒VOCs 8260B ☒SVOCs 8270C ☒Metals (Total) 6010/7471 + Nickel
Sample Date	11-08-07	Comments (Note QA/QC IDs here)	
Sample Time	1030		

Sampler's Signature [signature] Sampler's Name Patrick Boughen Reviewed By:

PARSONS Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

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Monitoring Well Information

Well ID	UAW02-20	Water Level Indicator	
Well Diameter	4-inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-09-07	Calibration Date/Time and Standards	11/ /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Bougher	Static DTW and DTB (Ft below TOC)	DTW = 12.80 DTB= 17.68
Wind Speed/Direction	1-5 calm	Depth of Pump Intake (Ft below TOC)	15
Weather	50°F sunny	Well Screen Interval (Ft below TOC)	~~15~~
Protective Cover, Lock, and Well Condition	~~OK~~ no bolts	Pump Cycle Information	13 sec. Refill 2 sec. Discharge @ 20 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-9-07	1050										
	1055	0.20	12.81	18.63	7.56	2.17	6.19	-31	0	150	
	1058	1.00	12.82	19.15	7.19	2.22	1.66	+6	0	150	
	1101	1.75	12.82	19.23	7.17	2.20	0.73	14	0	150	
	1104	2.25	12.83	19.31	7.16	2.19	0.64	13	0	150	
	1107	3.50	12.83	19.45	7.16	2.18	0.52	18	0	150	
	1110	3.80	12.83	19.45	7.16	2.18	0.45	17	0	150	
	1113	4.25	12.83	19.44	7.17	2.19	0.36	15	0	150	
	1116	5.10	12.83	19.44	7.15	2.19	0.35	12	0	150	
	1119	6.00	12.83	19.45	7.15	2.19	0.33	10	0	150	
	1122	6.50	12.83	19.46	7.15	2.19	0.32	9	0	150	

Monitoring Well Sample Record

Sample ID	~~UA~~ 20071109UAW02-20U15N	Sample Parameters	☑ VOCs 8260B ☑ SVOCs 8270C ☒ Metals (Total) 6010/7471 + Nickel
Sample Date	11-09-07	Comments (Note QA/QC IDs here)	
Sample Time	1125		

Sampler's Signature [signature]

Sampler's Name Patrick Bougher

Reviewed By:

PARSONS

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	UAW-02-40	Water Level Indicator	Tart well
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-09-07	Calibration Date/Time and Standards	11/ 9 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Boughy	Static DTW and DTB (Ft below TOC)	DTW = 14.18 DTB= 46.05
Wind Speed/Direction	0-5 mph	Depth of Pump Intake (Ft below TOC)	38
Weather	50°F sunny	Well Screen Interval (Ft below TOC)	3
Protective Cover, Lock, and Well Condition	no Bolts	Pump Cycle Information	15 sec. Refill 5 sec. Discharge @ 30 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-9-07	1000										
	1005	0.20	14.21	16.61	7.27	1.000	4.55	-89	0	160	
	1008	0.90	14.22	16.78	7.21	0.962	1.80	-108	0	160	
	1011	1.25	14.22	16.81	7.21	0.960	0.93	-110	0	160	
	1014	1.50	14.23	16.87	7.20	0.955	0.85	-119	0	160	
	1017	2.00	14.23	16.85	7.22	0.955	0.79	-121	0	160	
	1020	2.40	14.23	16.85	7.23	0.956	0.70	-122	0	160	
	1023	2.70	14.24	16.83	7.25	0.956	0.61	-124	0	160	
	1026	3.00	14.24	16.90	7.24	0.957	0.57	-125	0	160	
	1029	3.50	14.24	16.93	7.23	0.958	0.52	-126	0	160	
	1032	3.70	14.25	16.90	7.22	0.957	0.50	-127	0	160	
	1035	4.10	14.25	16.87	7.21	0.958	0.49	-127	0	160	

Monitoring Well Sample Record

Sample ID	20071109UAW02-40U38N	Sample Parameters	☐VOCs 8260B ☑SVOCs 8270C ☑Metals (Total) 6010/7471 + Nickel
Sample Date	11-09-07	Comments (Note QA/QC IDs here)	
Sample Time	1038		

Sampler's Signature [signature] Sampler's Name Patrick Boughy Reviewed By:

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Reading, Ohio

Monitoring Well Information

Well ID	VAW03-20	Water Level Indicator	Tait well
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-13-07	Calibration Date/Time and Standards	11/13 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Baugle, Spence Sc	Static DTW and DTB (Ft below TOC)	DTW = 11.85 DTB= 18.60
Wind Speed/Direction	calm	Depth of Pump Intake (Ft below TOC)	16.0
Weather	55°F	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	No well cap	Pump Cycle Information	13 sec. Refill 2 sec. Discharge @ 20 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
										200	
11-13-07	1115										
	1120	0.70	11.90	18.99	7.17	0.687	2.23	-23	683	50	pump Hit Bottom of well.
	1123	1.00	12.20	19.03	7.24	0.680	2.29	-17	675	140	
	1126	1.25	12.30	19.11	7.32	0.678	2.29	-20	646	140	sun is coming out/in
	1129	1.90	12.45	19.11	7.36	0.670	2.13	-19	586	140	
	1132	2.50	12.68	19.32	7.44	0.656	2.07	-15	535	140	
	1135	2.90	12.81	19.09	7.47	0.650	2.09	-14	477	140	
	1138	3.16	12.90	19.02	7.49	0.646	2.02	-12	439	140	
	1141	3.50	13.03	19.02	7.52	0.642	2.00	-8	414	140	
	1144	3.80	13.08	19.10	7.55	0.640	2.00	-8	387	140	
	1147	4.00	13.20	19.17	7.56	0.637	2.00	-5	360	140	
	1150	4.25	13.30	19.09	7.56	0.631	1.98	-4	317	140	
	1153	4.70	13.39	19.20	7.66	0.626	2.03	-2	288	140	
	1156	5.00	13.45	19.31	7.60	0.628	2.01	-1	261	140	Turb. was disturb from pump.
	1159	5.20	13.55	19.25	7.61	0.621	2.01	-4	226	140	

Monitoring Well Sample Record

Sample ID	20071113VAW-03-20V16N	Sample Parameters	☒ VOCs 8260B ☒ SVOCs 8270C ☒ Metals (Total) 6010/7471 + Nickel
Sample Date	11-13-07	Comments (Note QA/QC IDs here)	
Sample Time	1202		

Sampler's Signature: [signature]

Sampler's Name: Patrick Baugle

Reviewed By: _____

Monitoring Well Information

Well ID	UAW05-20	Water Level Indicator	Test well
Well Diameter	4-inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-15-07	Calibration Date/Time and Standards	11/ 14 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Boughn	Static DTW and DTB (Ft below TOC)	DTW = 12.61 DTB= 16.38
Wind Speed/Direction	5-10 NE	Depth of Pump Intake (Ft below TOC)	~~15.38~~ 15.38 ++
Weather	@ 40°F cloudy	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	Needs to be fixed	Pump Cycle Information	28 sec. Refill 2 sec. Discharge @ 30 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (~~µS~~/cm) 3% mS/cm	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-14-07	1115										
	1120	0.20	12.68	15.40	6.37	5.06	1.45	-81	12.2	120	
	1123	0.70	12.70	15.87	6.27	4.99	1.01	-83	7.31	120	
	1126	1.00	12.71	16.83	6.23	4.94	0.64	-90	5.06	120	
	1129	1.50	12.75	16.89	6.22	4.91	0.51	-93	4.25	120	
	1132	2.00	12.77	16.94	6.21	4.88	0.45	-98	3.70	120	
	1135	2.50	12.77	16.99	6.21	4.83	0.40	-101	3.75	120	
	1138	2.90	12.78	17.01	6.21	4.81	0.34	-107	3.68	120	
	1141	3.30	12.78	17.00	6.20	4.80	0.33	-109	3.33	120	
	1144	3.60	12.78	17.45	6.21	4.76	0.28	-117	3.23	120	
	1147	4.00	12.79	17.50	6.23	4.74	0.28	-124	3.13	120	
	1150	4.30	12.79	17.46	6.25	4.72	0.23	-134	3.12	120	
	1153	4.60	12.79	17.41	6.26	4.71	0.23	-137	3.17	120	
	1156	5.00	12.79	17.40	6.26	4.70	0.22	-140	3.40	120	
	1159										

Monitoring Well Sample Record

Sample ID	20071115UAW05-20W15.38N	Sample Parameters	☑ VOCs 8260B ☑ SVOCs 8270C ☐ Metals (Total) 6010/7471 + Nickel
Sample Date	11-15-07	Comments (Note QA/QC IDs here)	
Sample Time	1205		

Sampler's Signature: [signature]

Sampler's Name: Patrick Boughn

Reviewed By: _____

Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	UAW 06-20	Water Level Indicator	Solinst 122
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11/15/2007	Calibration Date/Time and Standards	11/ 14 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	S Stewart	Static DTW and DTB (Ft below TOC)	DTW = 11.45 DTB= 19.19
Wind Speed/Direction	15 mph NE	Depth of Pump Intake (Ft below TOC)	17.00
Weather	40 Overcast	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	Muddy but good	Pump Cycle Information	13.5 sec. Refill 1.5 sec. Discharge @ 30 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11/15	1:15	1.5	11.6	17.11	6.22	3.31	1.55	-170	4.8	120	
	1:20	2.0	11.60	17.17	6.25	3.33	1.26	-175	1.8	120	
	1:23	2.4	11.61	16.68	6.23	3.32	.95	-187	1.5	120	
	:26	2.8	11.61	17.01	6.23	3.31	.88	-189	1.6	120	
	:29	2.9	11.63	17.12	6.23	3.32	.80	-193	2.0	120	
	:32	3.1	11.63	17.09	6.21	3.31	.67	-194	2.1	120	
	:35	3.4	11.65	17.05	6.22	3.31	.61	-196	2.0	120	
	:38	3.7	11.66	17.12	6.23	3.31	.60	-198	2.2	120	
	:41	3.9	11.66	17.16	6.22	3.31	.58	-201	2.2	120	
	:44										
	:47										
	:50										
	:53										

Monitoring Well Sample Record

Sample ID	20071115 UAW 06-20 V17N	Sample Parameters	☑ VOCs 8260B ☑ SVOCs 8270C ☑ Metals (Total) 6010/7471 + Nickel
Sample Date	11/15/07	Comments (Note QA/QC IDs here)	
Sample Time	13:45		

Sampler's Signature: [signature]

Sampler's Name: Spencer Stewart

Reviewed By: _____

PARSONS

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

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Monitoring Well Information

Well ID	UAW 07-20	Water Level Indicator	Solinst 122
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11/15/07	Calibration Date/Time and Standards	11/ /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	S Stewart	Static DTW and DTB (Ft below TOC)	DTW = 11.15 DTB= 18.25
Wind Speed/Direction	10-15 NE	Depth of Pump Intake (Ft below TOC)	14.00
Weather	Overcast 40	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition		Pump Cycle Information	13 sec. Refill 2 sec. Discharge @ 30 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11/15	3:15	1.1	11.20	18.69	6.34	4.84	1.28	-302	2.81	120	
	3:20	2.0	11.25	17.94	6.37	4.80	.73	-309	2.20	120	
	3:23	2.5	11.30	18.05	6.36	4.80	.60	-311	2.09	120	
	3:26	3.0	11.31	17.85	6.36	4.80	.49	-308	1.99	120	
	3:29	3.2	11.31	17.80	6.34	4.81	.45	-308	1.94	120	
	3:33	3.3	11.31	17.75	6.36	4.80	.41	-307	1.90	120	
	3:36	3.5	11.33	17.74	6.35	4.78	.38	-309	1.85	120	
	3:39	3.8	11.35	17.72	6.32	4.80	.36	-308	1.83	120	
	3:42	4.0	11.35	17.70	6.31	4.80	.35	-310	1.80	120	
	3:45	4.2	11.35	17.70	6.33	4.81	.33	-309	1.78	120	

Monitoring Well Sample Record

Sample ID	20071115UAW07-20U14N	Sample Parameters	☐VOCs 8260B ☐SVOCs 8270C ☑Metals (Total) 6010/7471 + Nickel
Sample Date	11/15/07	Comments (Note QA/QC IDs here)	
Sample Time	3:45		

Sampler's Signature: [signature]

Sampler's Name: Spencer Stewart

Reviewed By: _____

Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	UAW08-20	Water Level Indicator	
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-07-07	Calibration Date/Time and Standards	11/ 07 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Bougher	Static DTW and DTB (Ft below TOC)	DTW = 10.36 DTB= 18.54
Wind Speed/Direction	Smlt NE	Depth of Pump Intake (Ft below TOC)	17.04
Weather	43°F sunny	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	OK	Pump Cycle Information	28 sec. Refill 2 sec. Discharge @ 20 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3% mS/cm	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-07-07	1200										
	1205	0.50	10.55	18.21	6.93	7.47	1.87	-305	11	140	
	1208	0.75	10.60	18.29	6.79	7.61	0.73	-322	15	140	
	1211	1.00	10.65	18.34	6.73	7.91	0.41	-344	13	140	
	1214	1.25	10.68	18.41	6.72	7.90	0.35	-348	10	140	
	1217	1.40	10.70	18.43	6.72	7.90	0.25	-350	11	140	
	1220	1.60	10.72	18.49	6.71	7.88	0.18	-353	10	140	
	1223	1.80	10.77	18.47	6.71	7.85	0.17	-355	9.7	140	
	1226	2.00	10.78	18.50	6.70	7.84	0.16	-357	8.3	140	
	1229	2.25	10.81	18.45	6.70	7.83	0.15	-358	7.2	140	
	1232	2.50	10.86	18.50	6.69	7.81	0.13	-360	6.5	140	
	1235	2.75	10.87	18.53	6.68	7.77	0.11	-361	5.5	140	
	1238	3.00	10.90	18.57	6.67	7.74	0.10	-362	6.1	140	
	1241	3.25	10.95	18.60	6.67	7.75	0.08	-365	5.2	140	

Monitoring Well Sample Record

Sample ID	20071107UAW08-20U17.04N	Sample Parameters	☑VOCs 8260B ☑SVOCs 8270C ☑Metals (Total) 6010/7471 + Nickel
Sample Date	11-07-07	Comments (Note QA/QC IDs here)	
Sample Time	1250		

Sampler's Signature: [signature]

Sampler's Name: Patrick Bougher

Reviewed By: _____

Monitoring Well Information

Well ID	HAW09-20	Water Level Indicator	Solinst 122
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11/15/07	Calibration Date/Time and Standards	11/ 14 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	S Stewart	Static DTW and DTB (Ft below TOC)	DTW = 22.2 DTB= 26.14
Wind Speed/Direction	10-15 NE	Depth of Pump Intake (Ft below TOC)	24
Weather	Overcast 40°	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition		Pump Cycle Information	13 sec. Refill 2 sec. Discharge @ 30 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11/15	9:55	4	22.30	10.59	6.48	1.303	3.08	-8	42.1	100	
	9:58	4.3	22.30	9.49	6.57	1.249	3.09	-5	29.0	100	
	10:01	4.7	22.31	9.48	6.55	1.301	3.06	-2	24.0	100	
	10:04	5.1	22.32	9.41	6.59	1.225	3.01	-6	32.2	100	
	10:07	5.3	22.32	9.99	6.65	1.221	3.06	-5	29.1	100	
	10:10	5.5	22.33	9.80	6.69	1.201	3.09	-5	27.3	100	
	:13	5.9	22.33	9.32	6.70	1.167	3.12	-4	24.9	100	
	:16	6.2	22.33	8.86	6.73	1.162	3.05	-3	23.6	100	
	:19	6.5	22.33	9.02	6.74	1.163	3.08	-2	22.7	100	
	:22	6.5	22.34	9.10	6.75	1.164	3.07	-2	22.6	100	

Monitoring Well Sample Record

Sample ID	20071115HAW09-20V24N	Sample Parameters	☑VOCs 8260B ☑SVOCs 8270C ☑Metals (Total) 6010/7471 + Nickel
Sample Date	11/15/07	Comments (Note QA/QC IDs here)	
Sample Time	10:30		

Sampler's Signature: Spencer Stewart Sampler's Name: Spencer Stewart Reviewed By: _____

PARSONS Groundwater Sampling Log Rohm and Haas

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

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Monitoring Well Information

Well ID	UAW 09-60	Water Level Indicator	Test well
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-15-07	Calibration Date/Time and Standards	11/ 14 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Bougher	Static DTW and DTB (Ft below TOC)	DTW = 29.36 DTB= 54.75
Wind Speed/Direction	10-15-07	Depth of Pump Intake (Ft below TOC)	52.00
Weather	40°F	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	OK	Pump Cycle Information	10 sec. Refill 5 sec. Discharge @ 40 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
										160	
11-15-07	0915										
	0920	0.40	29.38	11.51	7.35	0.789	3.80	+84	2.72	160	
	0923	0.96	29.42	11.61	7.30	0.789	0.93	+85	2.70	160	
	0926	1.20	29.55	11.73	7.26	0.789	0.72	+88	2.49	160	
	0929	1.85	29.57	11.79	7.23	0.790	0.65	89	2.89	160	
	0932	2.50	29.59	11.87	7.20	0.790	0.57	+90	2.95	160	
	0935	3.00	29.63	11.92	7.19	0.789	0.46	87	3.08	160	
	0938	3.75	29.65	12.15	7.19	0.790	0.40	86	3.25	160	
	0941	4.10	29.66	12.23	7.18	0.791	0.34	85	3.46	160	
	0944	4.60	29.66	12.35	7.18	0.790	0.34	83	3.59	160	
	0947	5.20	29.66	12.52	7.18	0.789	0.34	81	3.76	160	
	0950	6.00	29.67	12.38	7.18	0.788	0.33	80	3.79	160	
	0953	6.60	29.67	12.45	7.19	0.787	0.32	80	3.61	160	
	0956										

Monitoring Well Sample Record

Sample ID	20071115UAW09-60U52N	Sample Parameters	☑VOCs 8260B ☑SVOCs 8270C ☑Metals (Total) 6010/7471 + Nickel
Sample Date	11-15-07	Comments (Note QA/QC IDs here)	also collected Field Pup.
Sample Time	0955		

Sampler's Signature: [signature]

Sampler's Name: Patrick Bougher

Reviewed By:

PARSONS Groundwater Sampling Log Rohm and Haas Reading, Ohio Page 1 of 1

Monitoring Well Information

Well ID	UAW10-50	Water Level Indicator	Test well
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-12-07	Calibration Date/Time and Standards	11/ 12 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Boughen	Static DTW and DTB (Ft below TOC)	DTW = 39.98 DTB= 55.70
Wind Speed/Direction	1-5 NE	Depth of Pump Intake (Ft below TOC)	53.70
Weather	56°F cloudy/sunny	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	O.K	Pump Cycle Information	25 sec. Refill 45 sec. Discharge @ 35 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-12	1345										
	1350	0.75	40.20	16.54	7.39	0.881	3.74	-23	12.5	140	
	1353	1.80	40.31	16.51	7.12	0.927	1.23	+16	10.3	140	
	1356	2.10	40.35	16.49	7.12	0.928	1.01	25	9.8	140	
	1359	2.80	40.38	16.45	7.11	0.929	0.82	32	9.2	140	
	1402	2.75	40.39	16.43	7.11	0.931	0.71	35	10.5	140	
	1405	3.10	40.40	16.41	7.10	0.937	0.67	39	13.6	140	
	1408	3.35	40.40	16.41	7.10	0.939	0.60	40	14.7	140	
	1411	3.70	40.40	16.43	7.09	0.942	0.56	43	16.1	140	
	1414	4.00	40.40	16.44	7.08	0.944	0.51	45	17.5	140	
	1417	4.25	40.40	16.43	7.07	0.948	0.48	48	18.3	140	
	1420	4.70	40.40	16.44	7.08	0.950	0.48	49	17.7	140	
	1423										

Monitoring Well Sample Record

Sample ID	20071112UAW10-50U53.70N	Sample Parameters	☒ VOCs 8260B ☒ SVOCs 8270C ☒ Metals (Total) 6010/7471 + Nickel
Sample Date	11-12-07	Comments (Note QA/QC IDs here)	also collected Dup 20071112UAW10-50U53.70FD
Sample Time	1425		

Sampler's Signature [signature] Sampler's Name Patrick Boughen Reviewed By:

PARSONS Groundwater Sampling Log
Rohm and Haas

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

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Monitoring Well Information

Well ID	UAW10-80	Water Level Indicator	Test well
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-12-07	Calibration Date/Time and Standards	11/ 12 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	D. Bougher	Static DTW and DTB (Ft below TOC)	DTW = 40.90 DTB= 82.00
Wind Speed/Direction	calm	Depth of Pump Intake (Ft below TOC)	72.00
Weather	580F sunny	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	OK	Pump Cycle Information	25 sec. Refill 5 sec. Discharge @ 45 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-12	1240										
	1255	0.20	41.08	17.54	7.22	0.955	3.51	-129	10.38	110	
	1258	0.80	41.13	17.30	7.25	0.911	1.50	-140	9.43	110	
	1301	1.10	41.28	17.31	7.25	0.908	1.32	-142	8.11	110	
	1304	1.50	41.40	17.25	7.25	0.908	1.03	-145	7.76	110	
	1307	2.00	41.56	17.16	7.26	0.908	0.94	-148	6.23	110	
	1310	2.20	41.71	17.19	7.26	0.908	0.73	-149	5.93	110	
	1313	2.40	41.78	17.23	7.27	0.907	0.65	-150	5.27	110	
	1316	2.60	41.86	17.24	7.27	0.906	0.59	-153	4.84	110	
	1319	2.80	42.08	17.27	7.27	0.906	0.50	-156	4.21	110	
	1322	3.00	42.11	17.11	7.28	0.907	0.42	-158	3.87	110	
	1325	3.25	42.18	17.05	7.28	0.907	0.38	-160	3.10	110	
	1328	3.50	42.22	17.00	7.28	0.908	0.36	-161	3.00	110	

Monitoring Well Sample Record

Sample ID	20071112UAW10-80U72N	Sample Parameters	☒VOCs 8260B ☐SVOCs 8270C ☒Metals (Total) 6010/7471 + Nickel
Sample Date	11-12-07	Comments (Note QA/QC IDs here)	
Sample Time	1330		

Sampler's Signature [signature]

Sampler's Name Patrick Bougher

Reviewed By:

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Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	UAW 11-10	Water Level Indicator	Solinst 122
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11/16/~~00~~ 07	Calibration Date/Time and Standards	11/ /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	S. Stewart	Static DTW and DTB (Ft below TOC)	DTW = 9.2 DTB= 14.15
Wind Speed/Direction	Calm	Depth of Pump Intake (Ft below TOC)	12.0 Ft
Weather	Sunny 40°	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition		Pump Cycle Information	13 sec. Refill 2 sec. Discharge @ 25 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11/16	11:00	1.0	9.25	19.6	6.59	4.15	.36	-163	4.4	120	
	11:05	1.5	9.25	19.3	6.22	4.24	.17	-224	2.0	120	
	11:08	2.0	9.26	19.40	6.21	4.21	.09	-201	1.3	120	
	11:11	2.4	9.26	19.96	6.25	4.19	.07	-211	.85	120	
	:14	3.0	9.26	19.95	6.27	4.22	.07	-212	.65	120	
	:17	3.2	9.27	19.86	6.28	4.24	.07	-213	.65	120	
	:20	3.4	9.27	19.84	6.25	4.25	.06	-212	.64	120	
	~~:23~~										
	~~:26~~										
	~~:29~~										
	~~:32~~										

Monitoring Well Sample Record

Sample ID	20071116 UAW11-10V12N	Sample Parameters	☑ VOCs 8260B ☑ SVOCs 8270C ☑ Metals (Total) 6010/7471 + Nickel
Sample Date	11-16-07	Comments (Note QA/QC IDs here)	
Sample Time	~~0 [illegible]~~ 11:30		

Sampler's Signature [signature] Sampler's Name Spencer Stewart Reviewed By: _____

PARSONS Groundwater Sampling Log
Rohm and Haas

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

PARSONS Page 1

Monitoring Well Information

Well ID	UAW 11-40	Water Level Indicator	Testwell
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-16-07	Calibration Date/Time and Standards	11/ 16 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Boughen	Static DTW and DTB (Ft below TOC)	DTW = 16.75 DTB= 44.12
Wind Speed/Direction	calm	Depth of Pump Intake (Ft below TOC)	38
Weather	300F sunny	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	O.K. no Bolts	Pump Cycle Information	12.5 sec. Refill 2.5 sec. Discharge @ 35 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity ~~(µS/cm)~~ 3% mS/cm	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-16-07	0905										
	0910	0.30	16.77	15.51	6.96	4.12	4.66	-44	34.6	150	
	0913	1.00	16.78	15.96	6.71	5.02	3.02	-39	32.1	150	
	0915	1.30	16.79	16.11	6.72	4.94	2.57	-40	45.7	150	
	0918	1.70	16.80	16.30	6.75	4.92	2.20	-41	55.6	150	
	0921	2.00	16.80	16.24	6.78	4.51	2.06	-47	59.2	150	
	0924	2.40	16.80	16.11	6.90	4.49	1.35	-52	61.9	150	
	0927	2.70	16.80	16.06	6.82	4.44	0.80	-64	66.3	150	
	0930	3.00	16.80	15.89	6.85	4.32	0.66	-68	68.5	150	
	0933	3.50	16.80	15.94	6.89	4.21	0.56	-67	72.7	150	
	0936	4.00	16.80	15.97	6.90	4.09	0.51	-67	67.3	150	
	0939	4.50	16.80	16.02	6.91	4.07	0.45	-67	61.3	150	
	0942	5.00	16.80	16.08	6.92	4.06	0.43	-66	58.4	150	
	0945	5.50	16.80	16.03	6.92	4.05	0.42	-65	57.7	150	

Monitoring Well Sample Record

Sample ID	20071116UAW 11-40U38N	Sample Parameters	☑VOCs 8260B ☑SVOCs 8270C ☑Metals (Total) 6010/7471 + Nickel
Sample Date	11-16-07	Comments (Note QA/QC IDs here)	
Sample Time	0950		

Sampler's Signature: Patrick Boughen

Sampler's Name: Patrick Boughen

Reviewed By:

PARSONS Groundwater Sampling Log
Rohm and Haas

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	UAW 12-20	Water Level Indicator	Test well
Well Diameter	4-inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-16-07	Calibration Date/Time and Standards	11/ /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Baugher	Static DTW and DTB (Ft below TOC)	DTW = 10.23 DTB= 16.63
Wind Speed/Direction	1-5 NE	Depth of Pump Intake (Ft below TOC)	14
Weather	45°F sunny	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	OK	Pump Cycle Information	12 sec. Refill 3 sec. Discharge @ 25 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-16-07	1220										
	1225	0.30	10.25	16.52	6.62	11.20	1.12	-171	2.37	120	
	1228	0.60	10.25	17.00	6.61	11.10	0.83	-179	1.48	120	
	1231	0.90	10.25	17.08	6.61	11.02	0.70	-186	0.72	120	
	1234	1.10	10.25	17.43	6.59	10.90	0.65	-198	0	120	
	1237	1.50	10.25	17.21	6.59	10.79	0.51	-210	0	120	
	1240	2.00	10.27	17.29	6.59	10.68	0.46	-215	0	120	
	1243	2.30	10.27	17.46	6.59	10.63	0.42	-218	0	120	
	1246	3.00	10.25	17.53	6.58	10.49	0.37	-222	0	120	
	1249	3.40	10.25	17.27	6.58	10.33	0.29	-227	0	120	
	1252	3.90	10.25	17.50	6.58	10.27	0.26	-229	0	120	
	1255	4.20	10.25	17.42	6.57	10.21	0.27	-231	0	120	
	1258	4.80	10.25	17.43	6.56	10.19	0.25	-233	0	120	

Monitoring Well Sample Record

Sample ID	2007 1116 UAW 12-20 U 14N	Sample Parameters	☐ VOCs 8260B ☑ SVOCs 8270C ☑ Metals (Total) 6010/7471 + Nickel
Sample Date	11-16-07	Comments (Note QA/QC IDs here)	
Sample Time	~~1100~~ 1300		

Sampler's Signature: [signature]

Sampler's Name: Patrick Baugher

Reviewed By: _____

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Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	UAW 13-20	Water Level Indicator	Solinst 122
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-16-07	Calibration Date/Time and Standards	11/ /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	S Stewart	Static DTW and DTB (Ft below TOC)	DTW = 10.25 DTB= 16.15
Wind Speed/Direction	E NE	Depth of Pump Intake (Ft below TOC)	13Ft
Weather	Sunny 45°	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition		Pump Cycle Information	12 sec. Refill 3 sec. Discharge @ 25 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11/16	1:10	3	10.25	19.05	6.05	6.33	.64	-317	.65	150	
	1:15	3.3	10.25	19.11	6.34	6.04	.44	-318	.15	160	
	1:18	3.7	10.26	19.40	6.04	6.35	.38	-319	.25	160	
	1:21	3.9	10.26	19.34	6.02	6.33	.34	-320	.50	160	
	1:24	4.2	10.26	19.46	6.01	6.33	.33	-318	.30	160	
	1:27	4.6	10.27	19.42	6.02	6.34	.30	-319	.35	160	
	1:30	5.0	10.27	19.41	6.03	6.36	.31	-320	.33	160	
	1:33									160	
	1:36									160	
	1:39									160	
	1:42									160	

Monitoring Well Sample Record

Sample ID	20071116UAW13-20V13N	Sample Parameters	☑ VOCs 8260B ☑ SVOCs 8270C ☑ Metals (Total) 6010/7471 + Nickel
Sample Date	11-16-07	Comments (Note QA/QC IDs here)	
Sample Time	@ 13:30		

Sampler's Signature: [signature] Sampler's Name: Spencer Stewart Reviewed By: _____

PARSONS

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	UAW 14-10	Water Level Indicator	Testwell
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-07-07	Calibration Date/Time and Standards	11/ 7 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Bougher	Static DTW and DTB (Ft below TOC)	DTW = 8.60 DTB= 16.26
Wind Speed/Direction	5 mph NE	Depth of Pump Intake (Ft below TOC)	13.0 ft
Weather	44°F sunny	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	OK pressure	Pump Cycle Information	13 sec. Refill 2 sec. Discharge @ 20 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-07-07	1340										
	1345	1.00	8.93	16.89	7.42	0.768	2.12	-150	50	150	
	1348	1.50	9.06	16.90	7.35	0.761	2.27	-141	25	150	
	1351	2.50	9.13	16.92	7.27	0.757	2.53	-137	26	150	
	1354	3.00	9.17	16.70	7.30	0.756	2.44	-126	21	150	
	1357	3.80	9.19	16.67	7.29	0.754	2.60	-118	20	150	
	1400	4.10	9.20	16.70	7.28	0.754	2.53	-114	23	150	
	1403	4.30	9.20	16.43	7.29	0.754	2.54	-108	18	150	
	1406	4.60	9.20	16.21	7.28	0.761	2.52	-102	17	150	
	1409	4.00	9.20	16.11	7.27	0.768	2.51	-98	21	150	
	1412	5.50	9.21	15.99	7.26	0.772	2.50	-95	19	150	
	1415	6.00	9.21	15.90	7.25	0.777	2.49	-90	18	150	
	1418	6.25	9.21	15.83	7.25	0.771	2.48	-88	16	150	

Monitoring Well Sample Record

Sample ID	20071107UAW14-10U13N	Sample Parameters	☑VOCs 8260B ☑SVOCs 8270C ☑Metals (Total) 6010/7471 + Nickel
Sample Date	11-07-07	Comments (Note QA/QC IDs here)	
Sample Time	1425		

Sampler's Signature [signature] Sampler's Name Patrick Bougher Reviewed By:

Monitoring Well Information

Well ID	UAW 15-20	Water Level Indicator	Solinst 122
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11/19/07	Calibration Date/Time and Standards	11/ /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	S Stewart	Static DTW and DTB (Ft below TOC)	DTW = 11.30 DTB=
Wind Speed/Direction	Calm	Depth of Pump Intake (Ft below TOC)	14.0
Weather	Overcast 50°	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition		Pump Cycle Information	12 sec. Refill 2 sec. Discharge @ 20 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11/19	12:20	1.0	11.40	18.54	6.36	4.42	1.44	36	5.84	120	
	12:25	1.3	11.41	18.53	6.44	4.38	1.12	37	5.70	120	
	12:28	1.6	11.41	18.55	6.44	4.43	1.00	38	5.11	120	
	:31	1.9	11.42	18.56	6.44	4.30	.90	38	4.91	120	
	:34	2.2	11.43	18.61	6.43	4.28	.83	38	4.90	120	
	:37	2.6	11.44	18.88	6.38	4.23	.61	35	7.27	120	
	:40	2.9	11.45	18.94	6.37	4.22	.59	36	7.48	120	
	:43	3.3	11.45	18.95	6.38	4.20	.58	34	7.55	120	
	:46	3.6	11.47	18.94	6.36	4.19	.57	32	7.60	120	

Monitoring Well Sample Record

Sample ID	20071119UAW15-20V14N	Sample Parameters	☑ VOCs 8260B ☑ SVOCs 8270C ☑ Metals (Total) 6010/7471 + Nickel
Sample Date	11/19/07	Comments (Note QA/QC IDs here)	
Sample Time	12:45		

Sampler's Signature: [signature] Sampler's Name: Spencer Stewart Reviewed By: _____

PARSONS

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	UAW15-50	Water Level Indicator	Testwell
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-19-07	Calibration Date/Time and Standards	11/ 19 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P Bougher	Static DTW and DTB (Ft below TOC)	DTW = 23.92 DTB=
Wind Speed/Direction	calm	Depth of Pump Intake (Ft below TOC)	44
Weather	44°F cloudy	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	OK	Pump Cycle Information	13 sec. Refill 2 sec. Discharge @ 42 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-19-07	1035					mS/cm					
	1040	0.20	23.95	14.74	7.20	2.18	5.77	-84	27.4	120	
	1043	0.50	23.98	15.30	7.18	2.28	3.15	-102	11.12	120	
	1046	0.75	23.99	15.47	7.18	2.29	1.87	-110	10.71	120	
	1049	1.00	24.00	15.79	7.19	2.30	1.27	-118	3.96	120	
	1052	1.30	24.02	15.86	7.21	2.29	0.95	-124	3.48	120	
	1055	1.70	24.02	15.83	7.22	2.29	0.84	-126	3.45	120	
	1058	2.00	24.03	15.83	7.22	2.28	0.70	-130	3.41	120	
	1101	2.20	24.03	15.87	7.22	2.27	0.67	-133	3.32	120	
	1104	2.50	24.03	15.85	7.22	2.27	0.64	-135	3.29	120	
	1107	2.80	24.03	15.84	7.22	2.27	0.61	-137	3.25	120	
	1110										

Monitoring Well Sample Record

Sample ID	20071119UAW15-50U44N	Sample Parameters	☑ VOCs 8260B ☑ SVOCs 8270C ☑ Metals (Total) 6010/7471 + Nickel
Sample Date	11-19-07	Comments (Note QA/QC IDs here)	
Sample Time	1110		

Sampler's Signature [signature] Sampler's Name Patrick Bougher Reviewed By:

PARSONS Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

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Monitoring Well Information

Well ID	UAW 16-10	Water Level Indicator	Solinst 122
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11/19/07	Calibration Date/Time and Standards	11/ /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	S Stewart	Static DTW and DTB (Ft below TOC)	DTW = 10.63 DTB= 14.31
Wind Speed/Direction	Calm	Depth of Pump Intake (Ft below TOC)	12.0
Weather	Overcast 52°	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition		Pump Cycle Information	13 sec. Refill 2 sec. Discharge @ 26 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11/19	1:40	1.0	10.63	18.91	6.32	4.32	1.52	-178	121.0	110	
	1:45	1.3	10.63	18.93	6.48	4.45	1.19	-185	98.2	110	
	1:48	1.6	10.63	18.95	6.52	4.47	.98	-193	82.6	110	
	1:51	1.8	10.63	18.98	6.55	4.52	.70	-190	71.4	110	
	:54	2.1	10.64	18.99	6.57	4.55	.51	-191	56.7	110	
	:57	2.5	10.64	19.01	6.58	4.60	.40	-192	39.3	110	
	2:00	2.8	10.65	19.04	6.61	4.61	.35	-194	25.6	110	
	:03	3.0	10.65	19.08	6.56	4.49	.22	-198	19.2	110	
	:06	3.3	10.66	19.12	6.53	4.47	.18	-199	15.6	110	
	:09	3.6	10.66	19.16	6.50	4.45	.09	-202	12.4	110	
	:12	4.0	10.67	19.15	6.51	4.44	.10	-203	12.1	110	
	:15	4.3	10.67	19.16	6.52	4.43	.11	-205	11.2	110	

Monitoring Well Sample Record

Sample ID	20071119UAW16-20V12N	Sample Parameters	☑VOCs 8260B ☑SVOCs 8270C ☑Metals (Total) 6010/7471 + Nickel
Sample Date	11/19/07	Comments (Note QA/QC IDs here)	
Sample Time	14:15		

Sampler's Signature [signature] Sampler's Name Spencer Stewart Reviewed By:

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	WAW 17-40	Water Level Indicator	Solinst 122
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11/19/07	Calibration Date/Time and Standards	11/ /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	S Stewart	Static DTW and DTB (Ft below TOC)	DTW = 12.9 Ft DTB= 41.50
Wind Speed/Direction	3-5 mph NE	Depth of Pump Intake (Ft below TOC)	30 Feet
Weather	Overcast 45°	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition		Pump Cycle Information	13 sec. Refill 2 sec. Discharge @ 30 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11/19	10:00	.5	12.9	14.87	6.73	.681	1.47	-112	3.02	150	
	10:05	1.0	12.9	13.92	6.87	.684	.59	-106	1.68	150	
	10:08	1.3	12.9	14.64	6.84	.684	.32	-119	1.00	150	
	10:11	1.7	12.9	14.66	6.79	.684	.25	-120	.61	150	
	:14	2.0	12.9	14.84	6.78	.684	.22	-120	.30	150	
	:17	2.2	12.9	14.91	6.76	.685	.20	-121	.17	150	
	:20	2.5	12.9	14.93	6.75	.690	.18	-120	.15	150	
	:23	2.8	12.9	14.95	6.77	.691	.15	-121	.09	150	
	:26	3.2	12.9	14.98	6.76	.691	.15	-122	.08	150	
	:29	3.7	12.9	14.97	6.75	.692	.15	-120	.06	150	
	:32	4.0	12.9	14.96	6.74	.691	.14	-121	.05	150	

Monitoring Well Sample Record

Sample ID	20071119WAW17-40V30N	Sample Parameters	☑ VOCs 8260B ☑ SVOCs 8270C ☑ Metals (Total) 6010/7471 + Nickel
Sample Date	11/19/07	Comments (Note QA/QC IDs here)	
Sample Time	10:40		

Sampler's Signature: [signature] Sampler's Name: Spencer Stewart Reviewed By: _____

Monitoring Well Information

Well ID	UAW18-20	Water Level Indicator	Solinst 122
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11/16/07	Calibration Date/Time and Standards	11/ /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	S Stewart	Static DTW and DTB (Ft below TOC)	DTW = 12.200 DTB= 17.32
Wind Speed/Direction	Calm	Depth of Pump Intake (Ft below TOC)	15.0
Weather	40° Sunny	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition		Pump Cycle Information	13 sec. Refill 2 sec. Discharge @ 30 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11/16	9:00	2	12.3	19.99	6.31	1.490	.80	-86	25.7	110	Had to switch
	9:05	2.3	12.3	20.19	6.26	1.279	.42	-88	20.2	110	batteries on QED.
	9:08	3.0	12.33	20.21	6.25	1.160	.36	-87	17.6	110	
	9:11	3.5	12.35	20.34	6.26	1.180	.32	-89	11.5	110	
	9:14	4.0	12.36	20.28	6.26	.940	.25	-93	7.86	110	
	9:17	4.5	12.38	20.30	6.24	1.011	.23	-90	7.10	110	
	9:20	4.7	12.39	20.25	6.23	1.032	.21	-101	6.42	110	
	9:23	5.2	12.39	19.11	6.22	1.046	.20	-117	5.86	110	
	9:26	5.5	12.40	19.04	6.21	.944	.17	-124	3.58	110	
	9:29	5.8	12.40	19.01	6.21	.960	.17	-122	4.12	110	

Monitoring Well Sample Record

Sample ID	2007111 6UAW18-20V/5N	Sample Parameters	☑ VOCs 8260B ☑ SVOCs 8270C ☑ Metals (Total) 6010/7471 + Nickel
Sample Date	11-16-07	Comments (Note QA/QC IDs here)	
Sample Time	9:30		

Sampler's Signature: [signature] Sampler's Name: Spencer Stewart Reviewed By: _____

PARSONS Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	UAW 19-80	Water Level Indicator	Solinst 122
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11/14/07	Calibration Date/Time and Standards	11/14/2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	S Stewart	Static DTW and DTB (Ft below TOC)	DTW = 41.5 DTB= 78.85
Wind Speed/Direction	SW 5	Depth of Pump Intake (Ft below TOC)	65.00
Weather	Overcast 55°	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition		Pump Cycle Information	10 sec. Refill 5 sec. Discharge @ 40 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11/14/07	10:40	.2	42.4	16.75	7.31	1.420	2.83	+138	2.16	110	
	10:45	.3	42.45	16.30	7.38	1.461	1.50	+127	3.39	110	
	10:48	.9	42.50	16.20	7.42	1.458	1.20	+123	2.72	110	
	:51	1.1	42.50	16.20	7.41	1.453	1.03	+122	4.07	110	
	:54	1.6	42.52	16.21	7.42	1.442	.86	+121	2.51	110	
	:57	2.1	42.53	16.15	7.41	1.438	.72	+120	2.46	110	
	11:00	2.3	42.53	16.14	7.43	1.442	.64	+120	2.25	110	
	:03	2.7	42.52	16.14	7.41	1.440	.51	+118	2.05	110	
	:06	3.1	42.52	16.08	7.40	1.447	.45	+117	1.05	110	
	:09	3.2	42.52	16.07	7.41	1.441	.42	+116	.90	110	
	11:12	3.7	42.53	16.01	7.41	1.456	.41	+116	.87	110	

Monitoring Well Sample Record

Sample ID	20071114UAW19-80V65N	Sample Parameters	☑ VOCs 8260B ☑ SVOCs 8270C ☑ Metals (Total) 6010/7471 + Nickel
Sample Date	11/14/07	Comments (Note QA/QC IDs here)	
Sample Time	11:15		

Sampler's Signature [signature] Sampler's Name Spencer Stewart Reviewed By:

PARSONS Groundwater Sampling Log
Rohm and Haas

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

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Monitoring Well Information

Well ID	VAW20-60	Water Level Indicator	Fat well
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-15-07	Calibration Date/Time and Standards	11/ 14 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	R Boughe	Static DTW and DTB (Ft below TOC)	DTW = 38.20 DTB= 61.50
Wind Speed/Direction	5-10 NE	Depth of Pump Intake (Ft below TOC)	53
Weather	40°F cloudy	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	O.K no Bolts	Pump Cycle Information	9 sec. Refill 6 sec. Discharge @ 35 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (~~µS/cm~~) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-15-07	1350					mS/cm					
	1355										
	1358	0.50	38.20	14.00	6.92	2.26	2.50	-24	3.83	120	
	1401	0.75	38.20	14.40	6.78	2.24	1.83	-27	3.65	120	
	1404	1.00	38.20	14.56	6.75	2.25	1.30	-29	3.91	120	
	1408	1.20	38.20	14.62	6.72	2.26	0.91	-33	4.03	120	
	1410	1.80	38.21	14.80	6.71	2.26	0.61	-37	4.24	120	
	1413	2.20	38.21	14	6.71	2.26	0.52	-38	4.11	120	
	1416	2.75	38.21	14.61	6.71	2.26	0.42	-39	4.02	120	
	1419	3.00	38.21	14.47	6.71	2.26	0.40	-39	3.85	120	
	1422	3.30	38.21	14.36	6.70	2.26	0.34	-40	3.76	120	
	1425	3.80	38.21	14.38	6.70	2.26	0.33	-39	3.43	120	
	1428	4.10	38.21	14.39	6.70	2.26	0.32	-39	3.33	120	
	1431	4.50	38.21	14.40	6.70	2.26	0.31	-38	3.21	120	

Monitoring Well Sample Record

Sample ID	20071115VAW20-60U53N	Sample Parameters	☒ VOCs 8260B ☒ SVOCs 8270C ☒ Metals (Total) 6010/7471 + Nickel
Sample Date	11-15-07	Comments (Note QA/QC IDs here)	
Sample Time	1435		

Sampler's Signature [signature] Sampler's Name _____ Reviewed By: _____

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	UAW21-30	Water Level Indicator	50' Tertwell
Well Diameter	4-inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-6-07	Calibration Date/Time and Standards	11/ 6 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Boughan	Static DTW and DTB (Ft below TOC)	DTW = 25.39 DTB= 28.82
Wind Speed/Direction	15-20 mph	Depth of Pump Intake (Ft below TOC)	27.82
Weather	44°F sunny/windy	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	O.K	Pump Cycle Information	26 sec. Refill 18 sec. Discharge @ 30 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-6-07	1300		25.43							120	
	1305	1.50	25.51	14.89	6.95	2.34	4.57	+45	180	120	
	1308	1.80	25.53	14.79	6.95	2.34	4.33	49	171	120	
	1311	2.10	25.54	14.73	6.95	2.35	4.23	53	158	120	
	1314	2.40	25.55	14.51	6.96	2.34	4.11	57	143	120	
	1317	2.60	25.56	14.39	6.97	2.34	4.00	60	135	120	
	1320	2.80	25.56	14.21	6.97	2.34	3.90	63	128	120	
	1323	3.00	25.56	14.11	6.97	2.35	3.85	63	120	120	
	1326	3.40	25.56	14.02	6.96	2.35	3.82	64	115	120	
	1329	3.80	25.56	13.94	6.96	2.35	3.78	64	109	120	
	1332	4.00	25.56	13.90	6.96	2.35	3.77	64	103	120	
	1335	4.40	25.56	13.89	6.96	2.35	3.75	65	100	120	
	1338										

Monitoring Well Sample Record

Sample ID	20071106UAW21-30U27.82W	Sample Parameters	☑VOCs 8260B ☑SVOCs 8270C ☑Metals (Total) 6010/7471 + Nickel
Sample Date	11-06-07	Comments (Note QA/QC IDs here)	
Sample Time	1340		

Sampler's Signature [signature] Sampler's Name _____ Reviewed By: _____

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	UAW21-80	Water Level Indicator	Testwell
Well Diameter	4-inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-06-07	Calibration Date/Time and Standards	11/ 6 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	B. Boyle	Static DTW and DTB (Ft below TOC)	DTW = 29.10 DTB= 77.2
Wind Speed/Direction	5-10 NE	Depth of Pump Intake (Ft below TOC)	70
Weather	45°F	Well Screen Interval (Ft below TOC)	70
Protective Cover, Lock, and Well Condition	OK	Pump Cycle Information	14 sec. Refill 8 sec. Discharge @ 40 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-06-07	1400										
	1405	0.20	29.13	14.34	7.46	0.812	8.06	69	15	120	
	1408	0.60	29.14	14.62	7.51	0.793	7.51	71	12	120	
	1411	1.00	29.15	14.38	7.89	0.781	7.32	73	8.7	120	
	1414	1.75	29.15	14.93	7.89	0.779	7.28	72	7.1	120	
	1417	2.20	29.15	14.62	7.89	0.779	7.23	71	6.4	120	
	1420	2.50	29.15	14.97	7.89	0.779	7.19	71	6.8	120	
	1423	2.75	29.16	15.04	7.89	0.779	7.16	70	6.3	120	
	1426	3.00	29.16	14.98	7.90	0.773	7.10	70	5.1	120	
	1429	3.25	29.16	14.97	7.89	0.775	7.11	71	4.2	120	
	1432	3.50	29.16	15.03	7.89	0.778	7.13	70	4.0	120	
	1435	3.75	29.17	15.07	7.89	0.779	7.13	69	3.7	120	
	1438										
	1441										

Monitoring Well Sample Record

Sample ID	20071106UAW21-80U70N	Sample Parameters	☐ VOCs 8260B ☒ SVOCs 8270C ☐ Metals (Total) 6010/7471 + Nickel
Sample Date	11-06-07	Comments (Note QA/QC IDs here)	
Sample Time	1440		

Sampler's Signature: [signature]

Sampler's Name: Patrick Boyle

Reviewed By: _____

PARSONS

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	UAW22-20	Water Level Indicator	Testwell
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-16-07	Calibration Date/Time and Standards	11/ 16 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P Bougher	Static DTW and DTB (Ft below TOC)	DTW = 12.77 DTB= 19.40
Wind Speed/Direction	5mph NE	Depth of Pump Intake (Ft below TOC)	18.0
Weather	42°F sunny	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	O.K no Bolts	Pump Cycle Information	28 sec. Refill 2 sec. Discharge @ 35 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-16-07	1045			1							
	1050	0.40	12.78	14.33	6.76	5.21	1.26	-134	23.0	110	
	1053	0.65	12.86	15.11	6.74	5.21	0.73	-141	21.2	110	
	1056	1.10	12.86	15.24	6.73	5.22	0.49	-148	18.8	110	
	1059	1.50	12.89	15.23	6.72	5.18	0.46	-149	18.6	110	
	1102	1.90	12.89	15.17	6.72	5.16	0.40	-150	17.5	110	
	1105	2.30	12.90	15.15	6.71	5.15	0.38	150	17.3	110	
	1108	2.96	12.90	15.11	6.71	5.14	0.35	-152	16.2	110	
	1111	3.25	12.96	15.11	6.70	5.12	0.30	-154	16.7	110	
	1114	3.50	12.90	15.17	6.69	5.10	0.26	-155	16.6	110	
	1117	3.80	12.91	15.19	6.69	5.10	0.25	-157	15.2	110	
	1120	4.10	12.91	15.21	6.69	5.09	0.23	-158	15.4	110	
	1123										

Monitoring Well Sample Record

Sample ID	20071116UAW22-20U18N	Sample Parameters	☐ VOCs 8260B ☑ SVOCs 8270C ☑ Metals (Total) 6010/7471 + Nickel
Sample Date	11-16-07	Comments (Note QA/QC IDs here)	
Sample Time	1125		

Sampler's Signature [signature] Sampler's Name Patrick Bougher Reviewed By:

PARSONS Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

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Monitoring Well Information

Well ID	UAW23-20	Water Level Indicator	Testwell
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-13-07	Calibration Date/Time and Standards	11/ /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	Patrick B, Spencer S	Static DTW and DTB (Ft below TOC)	DTW = 21.58 DTB= 24.58
Wind Speed/Direction	Calm	Depth of Pump Intake (Ft below TOC)	23.50
Weather	55° Overcast	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition		Pump Cycle Information	12 sec. Refill 3 sec. Discharge @ 30 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11/13/07	15:30	.2	21.58	16.74	6.92	2.15	1.77	-69	59.3	110	
	15:35	.3	21.58	16.68	6.87	2.19	.99	-70	38.9	105	
	15:38	.8	21.60	16.65	6.85	2.20	.67	-72	33.5	105	
	15:41	1.1	21.6	16.62	6.84	2.20	.55	-73	31.4	105	
	15:44	1.8	21.6	16.59	6.84	2.21	.52	-74	27.9	105	
	15:47	2.1	21.6	16.56	6.84	2.21	.49	-75	26.9	105	
	15:50	2.3	21.6	16.46	6.83	2.20	.46	-75	23.9	105	
	15:53	2.6	21.6	16.44	6.83	2.21	.45	-75	22.7	105	
	15:56	3.0	21.6	16.47	6.84	2.20	.43	-76	23.2	105	
	15:59	3.2	21.6	16.51	6.83	2.20	.42	-76	19.8	105	
	16:02	3.5	21.6	16.49	6.84	2.20	.42	-76	19.2	105	
	16:05	3.8	21.6	16.49	6.84	2.20	.42	-76	18.8	105	
	16:08	4.1	21.6	16.49	6.84	2.20	.42	-76	18.0	105	
	~~[illegible]~~										

Monitoring Well Sample Record

Sample ID	20071113UAW23-20V23.5N	Sample Parameters	☑ VOCs 8260B ☑ SVOCs 8270C ☑ Metals (Total) 6010/7471 + Nickel
Sample Date	11/13/07	Comments (Note QA/QC IDs here)	
Sample Time	16:10		

Sampler's Signature [signature]

Sampler's Name Spencer Stewart

Reviewed By:

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	UAW24-70	Water Level Indicator	Pertwell
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-07-07	Calibration Date/Time and Standards	11/ 7 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P. Bowyer	Static DTW and DTB (Ft below TOC)	DTW = 38.40 DTB= 72.80
Wind Speed/Direction	5 mph NE	Depth of Pump Intake (Ft below TOC)	65
Weather	40°F sunny	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	OK	Pump Cycle Information	16 sec. Refill 4 sec. Discharge @ 45 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-07	0955									120	
	1000	0.75	39.00	15.91	10.75	0.823	8.40	-43	2.6	120	
	1003	1.20	39.01	15.53	10.82	0.824	8.10	-49	1.7	120	
	1006	1.70	39.02	15.61	10.82	0.824	7.89	-49	1.7	120	
	1009	2.00	39.03	15.75	10.83	0.823	7.76	-48	1.8	120	
	1012	2.30	39.03	15.75	10.82	0.823	7.49	-49	1.8	120	
	1015	2.70	39.04	15.76	10.81	0.822	7.36	-50	1.5	120	
	1018	3.10	39.05	15.70	10.81	0.822	7.27	-50	1.7	120	
	1021	3.60	39.06	15.68	10.81	0.823	7.15	-49	1.5	120	
	1024	4.00	39.07	15.61	10.82	0.823	7.05	-49	1.3	120	
	1027	4.30	39.07	15.61	10.83	0.822	6.84	-49	1.5	120	
	1030	4.90	39.07	15.60	10.84	0.822	6.73	-50	1.4	120	
	1033	5.25	39.07	15.60	10.84	0.821	6.65	-50	1.2	120	
	1036	5.60	39.05	15.61	10.83	0.821	6.63	-51	1.3	120	

Monitoring Well Sample Record

Sample ID	20071107UAW24-70V65N	Sample Parameters	☒VOCs 8260B ☐SVOCs 8270C ☒Metals (Total) 6010/7471 + Nickel
Sample Date	11-07-07	Comments (Note QA/QC IDs here)	
Sample Time	1040		

Sampler's Signature: [signature]

Sampler's Name: Patrick Bowyer

Reviewed By: _____

PARSONS Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

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Monitoring Well Information

Well ID	VAW25-20	Water Level Indicator	Tertwell
Well Diameter	4 -inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-08-07	Calibration Date/Time and Standards	11/ 8 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P Bougher	Static DTW and DTB (Ft below TOC)	DTW = 17.48 DTB= 19.90
Wind Speed/Direction	5 to NE	Depth of Pump Intake (Ft below TOC)	18.50
Weather	47°F cloudy	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	Ok	Pump Cycle Information	12 sec. Refill 3 sec. Discharge @ 20 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-08	1315										
	1320	0.30	17.50	15.90	7.05	3.00	2.34	-30	325	160	water has reddish tint
	1323	1.00	17.50	16.33	7.04	2.91	0.69	-48	200	160	to it.
	1326	2.10	17.50	16.87	7.02	2.89	0.46	-61	186	160	
	1329	3.80	17.50	16.95	7.02	2.90	0.41	-69	151	160	
	1332	4.50	17.50	17.03	7.02	2.90	0.39	-72	122	160	
	1335	4.00	17.50	17.11	7.02	2.90	0.33	-79	103	160	
	1338	4.70	17.50	16.47	7.01	2.91	0.31	-83	83	160	
	1341	5.30	17.50	16.92	7.01	2.91	0.38	-86	80	160	
	1344	6.00	17.50	16.95	7.01	2.91	0.43	-88	78	160	
	1347	6.25	17.50	16.97	7.00	2.91	0.50	-89	73	160	
	1350	7.00	17.50	16.98	7.00	2.91	0.54	-91	70	160	

Monitoring Well Sample Record

Sample ID	20071108VAW25-20V18.50N	Sample Parameters	☑VOCs 8260B ☑SVOCs 8270C ☑Metals (Total) 6010/7471 + Nickel
Sample Date	11-08-07	Comments (Note QA/QC IDs here)	Asla collect MS/MSD
Sample Time	1400		

Sampler's Signature [signature] Sampler's Name Patrick Bougher Reviewed By:

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

Monitoring Well Information

Well ID	VAW-26-70	Water Level Indicator	Tertiwell
Well Diameter	4-inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11-14-07	Calibration Date/Time and Standards	11/ 14 /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	P Boyle	Static DTW and DTB (Ft below TOC)	DTW = 22.23 DTB= 77.48
Wind Speed/Direction	5-10 NE	Depth of Pump Intake (Ft below TOC)	73.0 ft
Weather	58°F cloudy	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition	ok	Pump Cycle Information	12 sec. Refill 3 sec. Discharge @ 30 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11-14-07											
	1350	1.00	22.21	18.77	6.93	1.055	0.52	-71	12.3	110	
	1353	1.70	22.24	19.22	6.94	1.055	0.79	-70	12.6	110	
	1356	1.90	22.24	18.89	6.91	1.055	0.84	-73	8.34	110	
	1359	2.20	22.24	17.66	6.90	1.056	0.41	-82	6.82	110	
	1402	2.50	22.24	17.61	6.93	1.057	0.35	-81	6.37	110	
	1405	3.00	22.24	17.44	6.93	1.056	0.30	-86	6.16	110	
	1408	3.90	22.24	17.40	6.89	1.056	0.24	-93	6.03	110	
	1411	4.10	22.24	17.38	6.92	1.056	0.23	-94	5.09	110	
	1414	4.70	22.24	17.40	6.92	1.056	0.23	-95	4.93	110	
	1417	4.60	22.24	17.43	6.91	1.056	0.22	-97	4.67	110	
	1420	5.00	22.24	17.55	6.91	1.056	0.22	-98	4.41	110	
	1423	5.50	22.24	17.50	6.91	1.056	0.21	-100	4.33	110	

Monitoring Well Sample Record

Sample ID	20071114VAW26-70073N	Sample Parameters	☐VOCs 8260B ☐SVOCs 8270C ☐Metals (Total) 6010/7471 + Nickel
Sample Date	11-14-07	Comments (Note QA/QC IDs here)	
Sample Time	1425		

Sampler's Signature: [signature]

Sampler's Name: Patrick Boyle

Reviewed By: _____

12-24

PARSONS Groundwater Sampling Log
Rohm and Haas

Groundwater Sampling Log
Rohm and Haas
Reading, Ohio

PARSONS Page 1

Monitoring Well Information

Well ID	UAW27-50	Water Level Indicator	Test Well ~~Solinst 122~~
Well Diameter	4-inch	Water Quality Meter(s)	QED MP20 / QED MP20DT / LaMotte 2020
Date	11/13/07	Calibration Date/Time and Standards	11/ /2007 (pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240mV
Site/Plant Location	Rohm and Haas Reading, OH	Purge Method/Pump Type	Low-Flow / QED 2" SamplePro (Disposable Polyethylene Bladder)
Personnel	Patrick B, Spencer S.	Static DTW and DTB (Ft below TOC)	DTW = 36.97 DTB= 48.39
Wind Speed/Direction	Calm	Depth of Pump Intake (Ft below TOC)	47.00
Weather	Good, 50°,	Well Screen Interval (Ft below TOC)	
Protective Cover, Lock, and Well Condition		Pump Cycle Information	11 sec. Refill 4 sec. Discharge @ 30 PSI.

Monitoring Well Purge Record

Date	Time	Volume Purged (Liters)	DTW (TOC) (Feet)	Temperature (Degrees C) 10%	pH (S.U.) .2 unit	Specific Conductivity (µS/cm) 3%	Dissolved Oxygen (mg/L) 10%	Redox Potential (mV) 3%	Turbidity (NTU) 3%	Purge Rate (ml/min.)	Comments
11/13/07	13:20	.6	36.98	18.55	6.78	1.385	1.59	+75	55.2	110	
	13:25	1	36.98	18.42	6.79	1.330	1.16	+73	39.2	110	
	13:28	1.2	37.00	18.6	6.84	1.280	1.08	+72	35.1	110	
	13:31	1.5	37.00	18.28	6.86	1.234	1.00	+73	28.6	110	
	13:34	2	37.00	18.00	6.89	1.195	.94	+74	25.2	110	
	13:37	2.2	37.00	18.29	6.90	1.173	.86	+70	21.7	110	
	13:40	2.5	37.00	18.17	6.92	1.156	.78	+70	—	110	
	13:43	Skill	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	110	(Had to Move truck)
	13:46	2.8	37.00	18.13	6.95	1.146	.73	+69	20.3	110	
	13:49	3.1	37.00	18.07	6.94	1.143	.69	+68	21.9	110	
	13:52	3.5	37.00	18.04	6.96	1.143	.63	+67	24.0	110	
	13:55	4.0	37.00	18.05	6.97	1.142	.58	+67	21.0	110	
	13:58	4.5	37.00	17.99	6.99	1.141	.52	+67	18.0	110	
	14:01	4.9	37.00	18.00	7.00	1.141	.50	+66	17.0	110	
	14:04	5.1	37.00	18.04	7.01	1.141	.47	+66	16.0	110	
	14:07										

Monitoring Well Sample Record

Sample ID	20071113UAW2750V47N	Sample Parameters	☑ VOCs 8260B ☑ SVOCs 8270C ☑ Metals (Total) 6010/7471 + Nickel
Sample Date	11/13/07	Comments (Note QA/QC IDs here)	
Sample Time	14:10		

Sampler's Signature [signature]

Sampler's Name Spencer Stewart Reviewed By:

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client: Parsons / Rohm + Haas	Project Manager: Karen Fields	Date: 11-16-07	Chain of Custody Number: 377961
Address: 2493 Crowne Point Drive	Telephone Number (Area Code)/Fax Number: 513-326-3040 513-552-7044	Lab Number:	Page 1 of 2
City: Cincinnati; State: OH; Zip Code: 45241	Site Contact: Pat Boughen; Lab Contact:		
Project Name and Location (State): Rohm + Haas Reading OH	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOCs 8260B	SVOC + aniline	8270C	Metals 6010B	+ Tin and	Mercury 7470A	Special Instructions/ Conditions of Receipt
20071115UAW09-60V52N	11-15-07	0955		X			2		1	3			X	X		X			
20071115UAW09-60V52FD	11-15-07	0955		X			2		1	3			X	X		X			
20071115UAW09-20V24N	11-15-07	1030		X			2		1	3			X	X		X			
20071115UAW05-20V15.38N	11-15-07	1205		X			2		1	3			X	X		X			
20071115UAW06-20V17N	11-15-07	1345		X			2		1	3			X	X		X			
20071115CIN FB-2	11-15-07	1135		X			2		1	3			X	X		X			
20071115CIN EB-2	11-15-07	1325		X			2		1	3			X	X		X			
20071115UAW20-60V53N	11-15-07	1435		X			2		1	3			X	X		X			
20071115UAW07-20V14N	11-15-07	1545		X			2		1	3			X	X		X			
20071116UAW11-40V38N	11-16-07	0930		X			2		1	3			X	X		X			
20071116UAW18-20V15N	11-16-07	0930		X			2		1	3			X	X		X			
20071116UAW22-20V18N	11-16-07	1125		X			2		1	3			X	X		X			

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	11-16-07	1500	1. Received By: [signature]	11-16-07	1500
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: 'TE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client: Parsons	Project Manager	Date: 11-16-07	Chain of Custody Number: 377962
Address: See Page 1	Telephone Number (Area Code)/Fax Number	Lab Number	Page 2 of 2
City / State / Zip Code	Site Contact: Patrick Bowler	Lab Contact	
Project Name and Location (State)	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Matrix / Containers & Preservatives / Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOC 8260B	SVOC 8270C	Metals 6010B	Tin and	Mercury 7170A	Special Instructions/ Conditions of Receipt
20071116UAW11-10V12N	11-16-07	1130		X			2		1	3			X	X	X			
20071116UAW12-20V14N	11-16-07	1300		X			2		1	3			X	X	X			
20071116CINTB-1	11-16-07	LAB		X						2			X					
20071116UAW13-20V13N	11-16-07	1330		X			2		1	3			X	X	X			

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	11-16-07	1500	1. Received By: [signature]	11-16-07	1500
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client: Parsons / Rohm & Haas	Project Manager: Ex Karen Fields	Date: 11-06-07	Chain of Custody Number: 377813
Address: 2443 Crowne Point Drive	Telephone Number (Area Code)/Fax Number: 513-326-3040 / 513-552-7044	Lab Number:	Page 1 of 2
City: Cincinnati; State: OH; Zip Code: 45241	Site Contact: Patrick Baughen; Lab Contact:		
Project Name and Location (State): Rohm & Haas Reading OH	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOC 8260B	Total Metals (6010)	plus (Tin, nickel)	SVOC 8270	plus aniline	Special Instructions/ Conditions of Receipt
20071106UAW21-30V27.82N	11-06-07	1340		X			2		1	3			X	X		X		
20071106UAW21-80V70N	11-06-07	1440		X			2		1	3			X	X		X		
20071107UAW24-70V65N	11-07-07	1040		X			2		1	3			X	X		X		
20071107CTNFB-1	11-07-07	1100		X			2		1	3			X	X		X		
20071107UAW08-20V17.04N	11-07-07	1250		X			2		1	3			X	X		X		
20071107CTNEB-1	11-07-07	1320		X			2		1	3			X	X		X		
20071107UAW14-10V13N	11-07-07	1425		X			2		1	3			X	X		X		
20071108UAW01-30V29N	11-08-07	1125		X			2		1	3			X	X		X		
20071108UAW01-80V74N	11-08-07	1030		X			2		1	3			X	X		X		
20071108UAW25-20V18.5N	11-08-07	1400		X			2		1	3			X	X		X		
20071108UAW25-20V18.5MSD	11-08-07	1400		X			2		1	3			X	X		X		
20071108UAW25-20V18.5MS	11-08-07	1400		X			2		1	3			X	X		X		

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	11-09-07	1300	1. Received By: [signature]	11/9/07	12:00
2. Relinquished By:			2. Received By:		
3. Relinquished By:			3. Received By:		

Comments

DISTRIBUTION: [illegible]TE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client: Parsons / AOL
Address:
City: Sac State: Ca Zip Code:
Project Name and Location (State): Pasc
Contract/Purchase Order/Quote No.:

Project Manager:
Telephone Number (Area Code)/Fax Number:
Site Contact: Patrick Baugh
Lab Contact:
Carrier/Waybill Number:

Date: 11-09-07
Chain of Custody Number: 377812
Lab Number:
Page 2 of 2

Analysis (Attach list if more space is needed): VOC 8260B; Total/Dissolved Metals; Fluoride (Wet Chem); SVOC 8270; Alkalinity

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOC 8260B	Total/Dissolved Metals	Fluoride (Wet Chem)	SVOC 8270	Alkalinity
20071109UAW02-40U38N	11-09-07	1038		X			2		1	3			X	X		X	
20071109UAW02-20U15N	↓	1125		X			2		1	3			X	X		X	
20071109CINTB-1		LAB		X						2			X				
20071109CINTB-2		LAB		X						2			X				

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify):

	Date	Time
1. Relinquished By	11-09-07	1200
2. Relinquished By		
3. Relinquished By		

	Date	Time
1. Received By	11/9/07	12:00
2. Received By		
3. Received By		

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client: Parsons / Roth + Hour
Project Manager: Karen Fields
Date:
Chain of Custody Number: 377810
Address: 2443 Crown Point Drive
Telephone Number (Area Code)/Fax Number: 517-376-3040 513-552-3044
Lab Number:
Page 2 of 2
City: Cincinnati
State: OH
Zip Code: 45241
Site Contact: Paul Baughen
Lab Contact:
Project Name and Location (State): Roth and Hour Reading OH
Carrier/Waybill Number:
Contract/Purchase Order/Quote No.:

Analysis (Attach list if more space is needed): VOC - 8260; Sulfide; CCR; Phenol + Total; Barium, Total

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOC - 8260	Sulfide	CCR	Phenol + Total	Barium, Total
2007 1114 MW-EPA-4 11 16.W	11/14/07	2:36		X			2		1	3			X	X		X	
~~[illegible]~~ -SS																	

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify):

	Date	Time
1. Relinquished By: [signature]	11/14/07	2:36
2. Relinquished By:		
3. Relinquished By:		

	Date	Time
1. Received By: [signature]	11/14/07	16:30
2. Received By:		
3. Received By:		

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TABLE 1
GROUNDWATER ELEVATION AND SCREEN LOCATIONS
ROHM AND HAAS CINCINNATI PLANT
30 OCTOBER 2006

	Well ID.	Well Completion Location	Top of Riser Elevation[1]	Depth to Groundwater	Groundwater Elevation[1]
11-19	MW-EPA-1	Shallow UA Sands	553.64	11.11	542.53
11-14	MW-EPA-2	Shallow UA Sands	575.88	8.98	566.90
11-14	MW-EPA-3	Shallow UA Sands	577.77	9.26	568.51
11-14	MW-EPA-4	Shallow UA Sands	560.55	16.19	544.36
11-8	UAW01-30	Shallow UA Sands	564.27	25.13	539.14
11-9	UAW02-20	Shallow UA Sands	551.59	11.41	540.18
11-13	UAW03-20	Shallow UA Sands	551.96	11.03	540.93
CNL	UAW04-20	Shallow UA Sands	552.19	10.40	541.79
11-15	UAW05-20	Shallow UA Sands	553.47	11.50	541.97
11-15	UAW06-20	Shallow UA Sands	553.25	10.90	542.35
11-15	UAW07-20	Shallow UA Sands	554.32	10.44	543.88
11-7	UAW08-20	Shallow UA Sands	554.20	10.39	543.81
11-15	UAW09-20	Shallow UA Sands	565.91	24.04	541.87
11-16	UAW11-10	Shallow UA Sands	553.48	8.55	544.93
11-16	UAW12-20	Shallow UA Sands	555.19	9.15	546.04
11-16	UAW13-20	Shallow UA Sands	555.54	10.28	545.26
11-7	UAW14-10	Shallow UA Sands	566.74	6.78	559.96
11-19	UAW15-20	Shallow UA Sands	561.34	10.83	550.51
11-19	UAW16-10	Shallow UA Sands	554.71	13.20	541.51
11-19	UAW17-40	Shallow UA Sands	577.11	11.13	565.98
11-16	UAW18-20	Shallow UA Sands	556.17	11.75	544.42
11-6	UAW21-30	Shallow UA Sands	565.73	25.03	540.70
11-16	UAW22-20	Shallow UA Sands	557.66	12.22	545.44
11-8	UAW25-20	Shallow UA Sands	556.07	16.58	539.49
11-8	UAW01-80	Deep UA Sands	564.18	25.71	538.47
11-9	UAW02-40	Deep UA Sands	551.58	13.45	538.13
11-15	UAW09-60	Deep UA Sands	566.32	28.34	537.98
11-12	UAW10-50	Deep UA Sands	577.77	38.71	539.06
11-12	UAW10-80	Deep UA Sands	577.80	30.80	547.00
11-16	UAW11-40	Deep UA Sands	553.45	15.70	537.75
11-19	UAW15-50	Deep UA Sands	560.96	23.10	537.86
11-14	UAW19-80	Deep UA Sands	580.09	41.60	538.49
11-15	UAW20-60	Deep UA Sands	576.13	36.98	539.15
11-06	UAW21-80	Deep UA Sands	565.47	28.23	537.24
11-13	UAW23-20	Deep UA Sands	559.05	20.40	538.65
11-08	UAW24-70	Deep UA Sands	575.90	37.47	538.43
11-14	UAW26-70	Deep UA Sands	559.60	21.57	538.03
11-13	UAW27-50	Deep UA Sands	574.60	35.95	538.65
NS	LAW05-150	Deep Aquifer	553.36	16.05	537.31
NS	LAW05-60	Deep Aquifer	553.26	16.32	536.94
NS	LAW12-60	Deep Aquifer	554.89	17.24	537.65

[1]All depths in feet, all elevations in feet above mean sea level

11-08 — Field Blank 1
11-07 — Equip Blank 1

11-8 — MS, MSD-1
11-14 — MS, MSD-2
11-15 — Field Blank-2

11-12 — Dup-1
11-15 — Dup-2
11-15 — EB-2

Job Safety Analysis Worksheet

Contractor: Parsons
Supervisor: Eric Mysong
Location of worksite: Kohn & Hood Cincinnati
Description of work: Low Flow sampling

Date: 11-03-07 -11-16-07
Permit to work required? Yes ☐ No ☐
JSA team members:

JSA No:
BP Permit No:

Name	Initials	Name	Initials
Patrick Boyle		Drew M.	
Spence			

Activity List the tasks required to perform the activity in the sequence they are carried out.	Hazards Against each task list the hazards that could cause injury when the task is performed.	Risk control measures List the control measures required to eliminate or minimize the risk of injury arising from the identified hazard.	Who is responsible? Write the name of the person responsible (supervisor or above) to implement the control measure identified.
Measure depth to water	Pinch point, sharp edges, slip-trip, falls traffic, splashes, vapors	Constant awareness of surrounding weather, nitrile gloves will be worn slow movements, safety vest eye protection & gas meter.	All
Low flow sampling	Pinch points, sharp edges, slips, trips, falls splash, use tubing cutting Hot water Falling near bldg 26	tubing cutters, gloves, glasses bright clothing	All
Filling	cutting hand	be careful screwing lid on, wear gloves	All
Sampling	Cold weather, and windy.	dress warm. Keep all equip free from blowing away	All

Date: ..../..../....

SIGNED
Contractor/Subcontractor: [signature] Date: 11-15-07 EBM/Project Mgr.: _____

PRINTED NAME	SIGNATURE	COMPANY	LAST 4 DIGITS OF SS #
DREW MCGOWAN		PARSONS	2170
Patrick Boughey	9/4 9/6	Parsons	5897
DREW MCGOWAN	9/4 9/6	PARSONS	2170
Patrick Boughey		Parsons	—
Spencer Stewart		Parsons	9220
Spencer Stewart		Parsons	"
Patrick Boughey		Parsons	—
Spencer Stewart			—
Patrick Boughey		Parsons	—
	Patrick Boughey	Parsons	—
Spencer Stewart		Parsons	—

PARSONS

Activity Hazard Assessment Worksheet

Contractor:	Parsons
Supervisor:	Drew McGowan/ Susan Ferris
Location of worksite:	Rohm and Haas-Cincinnati Plant, Reading, Ohio
Description of work:	Groundwater Sampling & Monitoring / Well Re-development

Date: 7/11/07

Permit to work required? Yes ☐ No ☐

AHA No: NA

ROH Permit No: TBA:

AHA team members:

Name	Initials	Name	Initia
Patrick Boughen			
Drew McGowan		Jim Shaw	

Activity List the tasks required to perform the activity in the sequence they are carried out.	Hazards Against each task list the hazards that could cause injury when the task is performed.	Risk control measures List the control measures required to eliminate or minimize the risk of injury arising from the identified hazard.	Who is responsible? Write the name of the person responsible (supervisor or above) to implement the control measure identified.
Groundwater monitoring well access and use oil/water interface probe to measure depth to fluids.	Pinch points Sharp edges Slip, trip, fall Uneven ground, above ground fuel pumps. Traffic. Splash Vapors	Constant awareness of surroundings (footing). Use nitrile gloves while opening well lids. If bolted down use appropriate tools for opening. Slow movements so as not to cause hand abrasions. Once manhole is removed, put bolts back in holes, place manhole lid upside down on bo and put 42" cone over top of manhole when not working on well. Wear a brightly colored traffic vest and hard hat at all times inside facility. Use appropriate eye protection.	Parsons Safety Officer and All Personel
Use bailer and rope to re-develope/purge wells of groundwater in preparation of sample collection.	Pinch points Sharp edges Slip, trip, fall Lifting Splash, spill and direct contact w/ water or potentially LNAPL Traffic	Constant awareness of surroundings (footing). Use gloves to protect hands from sharp edges and direct contact when appropriate. Wear a brightly colored traffic vest when appropriate. Prepare and think through each lift. Wear safety glasses, nitrile outer gloves when handling LNAPL. Maintain supply of sorbent pads for clean-up of splashes, drips and small spills, and /or sorbent material if LNAPL present at site. Use vehicle and 42" cones to shield area from traffic.	Parsons Safety Officer and All Personel

SIGNED

Contractor/Subcontractor: Date: 9/7/7 9-7-07 9.5.7 9-5-7 /Project Mgr.: D. McGOWAN Date: 9.5.7

Collect water samples in laboratory supplied containers and Immediately place on ice in a cooler, secure monitoring well before leaving site, clean-up work area and load truck.	Pinch points Sharp edges Lifting Occasional vehicular traffic Splash, spill Acids and Bases for sample preservation.	Constant awareness of surroundings (footing). Wear proper gloves for dermal protection against contaminated water as well as abrasions. Wear a brightly colored traffic vest when appropriate. Think through and use proper lifting techniques when loading equipment onto field vehicle. Wear safety glasses, nitrile outer gloves when handling contaminated water and vials containing hydrochloric acid. Maintain supply of sorbent pads to for clean-up of splashes, drips and small spills, and/or sorbent material. When filling groundwater sample vials, be aware that these vials contain hydrochloric acid. Do not hold open vial within breathing zone and be wary of splashes.	Parsons Safety Officer and All Personel
Clean up area after complete, secure monitoring well lids, load truck.	Pinch points Sharp edges Occasional vehicular traffic Slip, trip, fall Lifting Splash, spill and direct contact w/ water or LNAPL	Constant Awareness. Use gloves to protect hands from sharp edges and direct contact when appropriate. Wear a brightly colored traffic vest when appropriate. Prepare and think through each lift. Wear safety glasses, latex inner and nitrile outer gloves when handling LNAPL. Maintain supply of sorbent pads to for clean-up of splashes, drips and small spills, and/or sorbent material.	Parsons Safety Officer and All Personel

All Parsons staff will check-in and check-out with the front gate and acquire work permits from the proper ROH manger (EHS or Production Manager) as necessary.

9/7/7

SIGNED
Contractor/Subcontractor: [signature] Date: 9-7-07 9.5.17 9-5-07 /Project Mgr.: D. McGowan Date: 9.5.17

FedEx Express US Airbill

FedEx Tracking Number 8630 6379 3578

Form ID No. 0215 Sender's Copy

1 From *Please print and press hard.*

Date 11-20-07 Sender's FedEx Account Number 1524-5129-6

Sender's Name JEAN FLOYD Phone (513) 326-3040

Company PARSONS

Address 2443 CROWNE POINT DR Dept/Floor/Suite/Room

City SHARONVILLE State OH ZIP 45241-5407

2 Your Internal Billing Reference First 24 characters will appear on invoice. Rohm + Haas Reading 442853/03000

3 To

Recipient's Name J. Hill Phone (330) 650-3571

Company Pine Environmental Services Inc.

Recipient's Address 570 Hudson Drive Dept/Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City Hudson State OH ZIP 44236-3797

117

0369726605

Schedule a pickup at fedex.com

Simplify your shipping. Manage your account. Access all the tools you need.

4a Express Package Service *Packages up to 150 lbs.*

- [ ] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [x] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

*To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

*Call for Confirmation.

**To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

*Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery NOT Available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location NOT Available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes As per attached Shipper's Declaration.
- [ ] Yes Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†
7		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details. By using the Airbill you agree to the service conditions on the back of this Airbill and in the current FedEx Service Guide, including terms that limit our liability.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

519

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PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE. NO POUCH NEEDED.

APPENDIX B

HISTORIC GROUNDWATER ANALYTICAL DATA TABLES

Table B-1
Summary of Volatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	Dibromochloromethane	1,2-Dibromo-3-chloro-propane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene
Groundwater																												
MW-EPA-1	5/8/2001	<500	<50	<50	<50		<500	<50	<50	1600	<100	<50		<50	<50						<50	<50	<50	<50	<25	<25		
	11/15/2001	63 J B	31 J	<83	<83		<830	<83	<83	3200	<170	<83		<83	<83						<83	<83	<83	<83	<42	<42		
	10/20/2002	220 J	<100	<100	NA		NA	<100	NA	3900	<100	<100		NA	NA						<100	<100	<100	NA	NA	NA		
	11/12/2003	<2000	<200	<200	<200		<2000	<200	<200	4500	<200	<200		<200	<200						<200	<200	<200	<200	<100	<100		
	3/28/2004	<830	<83	<83	<83		<830	<83	<83	2800	<83	<83		<83	<83						<83	<83	<83	<83	<42	<42		
	11/4/2004	310 J B	49 J B	<100	<100		<1000	<100	<100	2500	<100	<100		<100	<100						<100	<100	<100	<100	<50	<50		
	11/15/2005	<560	22 J	<56	<56		<560	<56	<56	1800	<56	<56		<56	<56		*				<56	<56	<56	<56	<28	<28		
	11/8/2006	<120	<120	<120	<120	<120	<120	<120	<120	4400	<120	120	<120	<120	<120	<250	<120	1000	46 J	330	<120	<120	<120	<120	<62	<62	<120	<120
	11/19/2007	<2500	<250	<250	<250	<250	<2500	<250	<250	7600	<250	<250	<250	<250	<250	<500	<250	790	57 J	400	<250	<250	<250	<250	<120	<120	<250	<250
MW-EPA-2	5/8/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/14/2001	2 J	<3.3	<3.3	<3.3		<33	<3.3	<3.3	<3.3	<6.7	0.81 J		<3.3	<3.3						<3.3	<3.3	<3.3	<3.3	<1.7	<1.7		
	10/20/2002	3.4 J	<2.2	<2.2	NA		NA	<2.2	NA	<2.2	<2.2	1.3 J		NA	NA						<2.2	<2.2	<2.2	NA	NA	NA		
	11/11/2003	<25	<2.5	<2.5	<2.5		<25	<2.5	<2.5	<2.5	<2.5	<2.5		<2.5	<2.5						<2.5	<2.5	<2.5	<2.5	<1.2	<1.2		
	3/29/2004	<20	<2	<2	<2		<20	<2	<2	<2	<2	<2		<2	<2						<2	<2	<2	<2	<1	<1		
	11/4/2004	9.2 J B	0.89 J B	<3.3	<3.3		<33	<3.3	<3.3	<3.3	<3.3	1.2 J		<3.3	<3.3						<3.3	<3.3	<3.3	<3.3	<1.7	<1.7		
	11/11/2005	2.0 U	<2	<2	<2		<20	<2	<2	<2	<2	1.0 J		<2	<2						<2	<2	<2	<2	<1	<1		
	11/9/2006	<140	<14	<14	<14	<14	<140	14	<14	<14	<14	41	<14	<14	<14	<29	<14	<14	<14	<14	<14	7.3 J	440	2.6 J	43	<7.1	<14	<14
	11/19/2007	<50	<5	<5	<5	<5	<50	<5	<5	<5	<5	1 J	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	<5	<5
MW-EPA-3	5/6/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/13/2001	2.6 J	<1	<1	<1		<10	<1	<1	<1	<2	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	10/17/2002	<10	<1	<1	NA		NA	<1	NA	<1	<1	<1		NA	NA						<1	<1	<1	NA	NA	NA		
	11/13/2003	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	3/30/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/4/2004	1.9 J B	0.31 J B	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/11/2005	0.87 U	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/7/2006	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
	11/14/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1

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Summary of Volatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	Dibromochloromethane	1,2-Dibromo-3-chloro-propane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene
Groundwater																												
MW-EPA-4	5/8/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/13/2001	2.5 J	<1	<1	<1		<10	<1	<1	<1	<2	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	10/18/2002	<10	<1	<1	NA		NA	<1	NA	<1	<1	<1		NA	NA						<1	<1	<1	NA	NA	NA		
	11/16/2003	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	4/6/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/6/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/10/2005	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/7/2006	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
	11/14/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
Recovery Well	7/29/2001	1600	<29	<29	<29		<290	<29	<29	8.7 J	<57	29		NA	<29						<57	<29	<29	<29	<14	<14		
UAW01-30	5/4/2001	<10	<1	<1	<1		<10	<1	<1	1.6	<2	<1		<1	<1						0.41 J	<1	<1	<1	<0.5	<0.5		
	11/8/2001	<10	<1	<1	<1		<10	<1	<1	0.5 J	<2	<1		<1	<1						0.38 J	<1	<1	<1	<0.5	<0.5		
	10/17/2002	<10	<1	<1	NA		NA	<1	NA	0.47 J	<1	<1		NA	NA						<1	<1	<1	NA	NA	NA		
	11/11/2003	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	3/24/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/3/2004	1.1 J	<1	<1	<1		<10	<1	<1	0.23 J	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/8/2005	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/1/2006	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
	11/8/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
UAW01-80	5/4/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	10/10/2001	1.2 J B	<1	<1	<1		<10	<1	<1	<1	<2	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/12/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	10/17/2002	<10	<1	<1	NA		NA	<1	NA	<1	<1	<1		NA	NA						<1	<1	<1	NA	NA	NA		
	11/11/2003	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	3/24/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/2/2004	0.82 J	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/8/2005	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<1	<0.5		
	11/1/2006	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
	11/8/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1

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Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	Dibromochloromethane	1,2-Dibromo-3-chloro-propane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene
Groundwater																												
UAW02-20	5/7/2001	<10	0.49 J	<1	<1		<10	<1	<1	32	<2	<1		<1	<1						<1	0.74 J	0.42 J	<1	<0.5	<0.5		
	11/10/2001	<10	0.6 J	<1	<1		<10	<1	<1	32	<2	<1		<1	<1						<1	0.21 J	<1	<1	<0.5	<0.5		
	10/17/2002	<10	0.37 J	<1	NA		NA	<1	NA	17	<1	<1		NA	NA						<1	<1	<1	NA	NA	NA		
	11/12/2003	<10	<1	<1	<1		<10	<1	<1	13	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	3/26/2004	<10	<1	<1	<1		<10	<1	<1	12	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/3/2004	0.91 J	<1	<1	<1		<10	<1	<1	10	<1	<1		0.44 J	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/9/2005	<10	<1	<1	<1		<10	<1	<1	17	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/3/2006	<10	<1	<1	<1	<1	<10	<1	<1	5.3	<1	<1	<1	<1	<1	<2	<1	7.2	0.27 J	2.9	<1	<1	<1	<1	<0.5	<0.5	<1	<1
	11/9/2007	<10	<1	<1	<1	<1	<10	<1	<1	1	<1	<1	<1	<1	<1	<2	<1	2.6	<1	1.1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
UAW02-40	5/7/2001	<25	<2.5	<2.5	<2.5		<25	<2.5	<2.5	<2.5	<5	<2.5		<2.5	2.5						<2.5	28	<2.5	4.3	62	3.3		
UAW02-40 (Dup)	5/7/2001	<12	0.47 J	<1.2	<1.2		<12	<1.2	<1.2	31	<2.5	<1.2		<1.2	<1.2						<1.2	0.67 J	0.44 J	<1.2	<0.62	<0.62		
	11/10/2001	1.8 J B	<2.5	<2.5	<2.5		<25	<2.5	<2.5	<2.5	<5	2.5		<2.5	<2.5						<2.5	27	<2.5	4.5	59	3.2		
	10/17/2002	<20	<2	<2	NA		NA	<2	NA	<2	<2	<2		NA	NA						<2	25	<2	NA	NA	NA		
	11/12/2003	<20	<2	<2	<2		<20	<2	<2	<2	<2	<2		<2	<2						<2	22	<2	4.4	50	2.9		
	3/26/2004	<20	<2	<2	<2		<20	<2	<2	<2	<2	<2		<2	<2						<2	20	<2	3.5	49	3.2		
	11/3/2004	1.6 J	<1.7	<1.7	<1.7		<17	<1.7	<1.7	<1.7	<1.7	<1.7		<1.7	<1.7						<1.7	20	<1.7	3.9	48	2.5		
	11/9/2005	<17	<1.7	<1.7	<1.7		<17	<1.7	<1.7	<1.7	<1.7	<1.7		<1.7	<1.7						<1.7	15	<1.7	2.5	38	2.4		
	11/3/2006	<12	<1.2	1.2	<1.2	<1.2	<12	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5	<1.2	<1.2	<1.2	<1.2	<1.2	14	<1.2	3.2	37	2.1	<1.2	<1.2
UAW02-40 (DUP)	11/3/2006	<14	<1.4	<1.4	<1.4	<1.4	<14	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<2.9	<1.4	<1.4	<1.4	<1.4	<1.4	14	<1.4	3.1	37	2.2	<1.4	<1.4
	11/9/2007	<10	<1	<1	<1	<1	<10	<1	<1	1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	14	<1	2.8	37	2.2	<1	<1
UAW03-20	5/7/2001	3.4 J	1.2	<1	<1		<10	1.5	<1	8.6	<2	<1		<1	<1						<1	0.84 J	14	<1	<0.5	<0.5		
	11/11/2001	3.8 J B	1.4 J	<2.5	<2.5		<25	<2.5	<2.5	41	<5	<2.5		0.73 J	<2.5						<2.5	<2.5	1.2 J	<2.5	<1.2	<1.2		
	10/23/2002	12 J	<6.7	<6.7	NA		NA	<6.7	NA	55	<6.7	<6.7		NA	NA						<6.7	<6.7	<6.7	NA	NA	NA		
	11/12/2003	<100	<10	<10	<10		<100	<10	<10	130	<10	<10		<10	<10						<10	<10	<10	<10	<5	<5		
	3/28/2004	<130	<13	<13	<13		<130	<13	<13	150	<13	<13		<13	<13						<13	<13	<13	<13	<6.7	<6.7		
	11/4/2004	23 J B	4 J B	<10	<10		<100	2.8 J	<10	110	<10	<10		<10	<10						<10	<10	<10	<10	<5	<5		
UAW03-20 (Dup)	11/4/2004	32 J B	4.7 J B	<12	<12		<120	<12	<12	110	<12	<12		<12	<12						<12	<12	<12	<12	<6.2	<6.2		
	11/9/2005	6.3 U	<4	<4	<4		<40	<4	<4	46	<4	<4		0.65 J	<4						<4	<4	<4	<4	<2	<2		
	11/6/2006	<10	<1	<1	<1	<1	<10	<1	<1	0.45 J	<1	<1	<1	<1	<1	<2	<1	0.45 J	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
	11/13/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	0.22 J	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1

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SAMPLE LOCATION	SAMPLE DATE	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	Dibromochloromethane	1,2-Dibromo-3-chloro-propane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene
Groundwater																												
UAW04-20	5/7/2001	<10000	<1000	<1000	<1000		<10000	<1000	<1000	<1000	<2000	<1000		<1000	<1000						<1000	<1000	<1000	<1000	<500	<500		
	11/11/2001	590 J B	<250	<250	<250		<2500	<250	<250	<250	<500	<250		<250	<250						<250	<250	<250	<250	<120	<120		
	10/20/2002	1300 B	<33	<33	NA		NA	<33	NA	<33	<33	<33		NA	NA						<33	<33	<33	NA	NA	NA		
	11/12/2003	<1000	<100	<100	<100		<1000	<100	<100	<100	<100	<100		<100	<100						<100	<100	<100	<100	<50	<50		
	3/28/2004	<10000	<1000	<1000	<1000		<10000	<1000	<1000	<1000	<1000	<1000		<1000	<1000						<1000	<1000	<1000	<1000	<500	<500		
	11/3/2004	980 J B	87 J B	<330	<330		<3300	<330	<330	<330	<330	<330		<330	<330						<330	<330	<330	<330	<170	<170		
	11/9/2005	<100	<10	<10	<10		<100	<10	<10	2.0 J	<10	<10		<10	<10						<10	<10	<10	<10	<5	<5		
	11/6/2006	<1400	<140	<140	<140	<140	<1400	<140	<140	<140	<140	<140	<140	<140	<140	<290	<140	<140	<140	<140	<140	<140	<140	<140	<71	<71	<140	<140
UAW04-20 (DUP)	11/6/2006	<1400	<140	<140	<140	<140	<1400	<140	<140	<140	<140	<140	140	<140	<140	<290	<140	<140	<140	<140	<140	<140	<140	<140	<71	<71	<140	<140
UAW05-20	5/6/2001	<400	<40	<40	<40		<400	<40	<40	460	<80	<40		<40	<40						<40	<40	<40	<40	<20	<20		
	10/10/2001	22 J B	<40	<40	<40		<400	<40	<40	440	<80	<40		<40	<40						<40	<40	<40	<40	<20	<20		
	11/12/2001	<220	<22	<22	<22		<220	<22	<22	390	<44	<22		<22	<22						<22	<22	<22	<22	<11	<11		
	10/20/2002	49 J B	14 J	<25	NA		NA	6.7 J	NA	310	<25	<25		NA	NA						<25	<25	<25	NA	NA	NA		
	11/10/2003	<250	<25	<25	<25		<250	<25	<25	770	<25	<25		<25	<25						<25	<25	<25	<25	<12	<12		
	3/28/2004	<200	<20	<20	<20		<200	<20	<20	580	<20	<20		<20	<20						<20	<20	<20	<20	<10	<10		
UAW05-20 (Dup)	3/28/2004	<170	<17	<17	<17		<170	<17	<17	540	<17	<17		<17	<17						<17	<17	<17	<17	<8.3	<8.3		
	11/4/2004	57 J B	8.6 J B	<20	<20		<200	6.9 J	<20	560	<20	<20		<20	<20						<20	<20	<20	<20	<10	<10		
	11/15/2005	<200	<20	<20	<20		<200	<20	<20	780	<20	<20		<20	<20						<20	<20	<20	<20	<10	<10		
	11/9/2006	<170	<17	<17	<17	<17	<170	<17	<17	550	<17	<17	<17	<17	<17	<33	<17	41	5.1 J	45	<17	<17	<17	<17	<8.3	<8.3	<17	<17
	11/15/2007	<620	<62	<62	<62	<62	<620	49 J	<62	1600	<62	<62	<62	<62	<62	<120	<62	100	<62	85	<62	<62	<62	<62	<31	<31	<62	<62
UAW06-20	5/6/2001	720	<10	<10	<10		<100	<10	<10	70	<20	<10		<10	10						<10	<10	<10	<10	<5	<5		
	10/10/2001	11000	<170	<170	<170		<1700	<170	<170	100 J	<330	<170		<170	<170						<170	<170	<170	<170	<83	<83		
	11/13/2001	45000	<670	<670	<670		750 J B	<670	<670	110 J	<1300	<670		<670	<670						<670	<670	<670	<670	<330	<330		
	10/20/2002	170 B	1.2 J	<2.5	NA		NA	1.8 J	NA	71	<2.5	<2.5		NA	NA						<2.5	2.2 J	<2.5	NA	NA	NA		
	11/12/2003	<33	<3.3	<3.3	<3.3		<33	<3.3	<3.3	73	<3.3	3.3		<3.3	<3.3						<3.3	<3.3	<3.3	<3.3	<1.7	<1.7		
	3/29/2004	<25	<2.5	<2.5	<2.5		<25	<2.5	<2.5	52	<2.5	<2.5		<2.5	<2.5						<2.5	<2.5	<2.5	<2.5	<1.2	<1.2		
	11/4/2004	10 J B	1.7 J B	<3.3	<3.3		<33	1.7 J	<3.3	83	<3.3	<3.3		<3.3	<3.3						<3.3	1.2 J	<3.3	<3.3	<1.7	<1.7		
	11/15/2005	<33	1.2 J	<3.3	<3.3		<33	<3.3	<3.3	120	<3.3	<3.3		<3.3	<3.3						<3.3	1.7 J	<3.3	<3.3	<1.7	<1.7		
	11/9/2006	<50	<5	<5	<5	<5	<50	<5	<5	120	<5	<5	<5	<5	<5	<10	<5	140	2.1 J	13	<5	<5	<5	<5	<2.5	<2.5	<5	<5
	11/15/2007	<50	<5	<5	<5	<5	<50	3.6 J	<5	100	<5	<5	<5	<5	<5	<10	<5	150	2.2 J	15	<5	<5	<5	<5	<2.5	<2.5	<5	<5

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Cincinnati Plant
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SAMPLE LOCATION	SAMPLE DATE	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	Dibromochloromethane	1,2-Dibromo-3-chloro-propane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene
Groundwater																												
UAW07-20	5/8/2001	<20	2.1	<2	<2		<20	2.4	<2	39	<4	<2		NA	<2						<4	1.6 J	<2	<2	<1	<1		
UAW07-20 (Dup)	5/8/2001	<25	1.8 J	<2.5	<2.5		<25	1.1 J	<2.5	38	<5	<2.5		NA	<2.5						<5	1.5 J	<2.5	<2.5	<1.2	<1.2		
	11/15/2001	3.3 J B	5.2	<2	<2		<20	<2	<2	64	<4	<2		NA	<2						<4	1.2 J	<2	<2	<1	<1		
	10/20/2002	4.8 J	5.8	<2.5	NA		NA	0.67 J	NA	71	<2.5	<2.5		NA	NA						<2.5	<2.5	<2.5	NA	NA	NA		
	11/12/2003	<33	4.1	<3.3	<3.3		<33	<3.3	<3.3	91	<3.3	<3.3		<3.3	<3.3						<3.3	<3.3	<3.3	<3.3	<1.7	<1.7		
UAW07-20 (Dup)	11/12/2003	<33	4.1	<3.3	<3.3		<33	<3.3	<3.3	93	<3.3	<3.3		<3.3	<3.3						<3.3	<3.3	<3.3	<3.3	<1.7	<1.7		
	4/5/2004	<20	3.4	<2	<2		<20	<2	<2	69	<2	<2		<2	<2						<2	<2	<2	<2	<1	<1		
	11/4/2004	14 J B	6.3 J B	<6.7	<6.7		<67	7.1	<6.7	190	<6.7	<6.7		<6.7	<6.7						<6.7	<6.7	<6.7	<6.7	<3.3	<3.3		
	11/15/2005	<83	2.7 J	<8.3	<8.3		<83	<8.3	<8.3	270	<8.3	<8.3		<8.3	<8.3						<8.3	<8.3	<8.3	<8.3	<4.2	<4.2		
	11/6/2006	<57	3.2 J	<5.7	<5.7	<5.7	<57	<5.7	<5.7	160	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	71	1.4 J	10	<5.7	<5.7	<5.7	<5.7	<2.9	<2.9	<5.7	<5.7
	11/15/2007	<200	<20	<20	<20	<20	<200	<20	<20	530 J	<20	<20	<20	<20	<20	<40	<20	290	<20	26	<20	<20	<20	<20	<10	<10	<20	<20
UAW08-20	5/6/2001	150 J	41	<33	<33		<330	20 J	<33	37	<67	<33		NA	<33						<67	<33	<33	<33	<17	<17		
	11/13/2001	580 J	110	<100	<100		130 J B	64 J	<100	61 J	<200	<100		NA	<100						<200	<100	<100	<100	<50	<50		
	10/20/2002	250 J B	110	<33	NA		NA	46	NA	48	<33	<33		NA	NA						<33	<33	<33	NA	NA	NA		
	11/10/2003	<400	120	<40	<40		<400	<40	<40	54	<40	<40		<40	<40						<40	<40	<40	<40	<20	<20		
	3/29/2004	<500	92	<50	<50		<500	51	<50	61	<50	<50		<50	<50						<50	<50	<50	<50	<25	<25		
	11/4/2004	280 J B	150 B	<33	<33		29 J	59	<33	62	<33	<33		<33	<33						<33	<33	<33	<33	<17	<17		
	11/15/2005	260 U	150	<25	<25		<250	61	<25	62	<25	<25		3.9 J	<25						<25	<25	<25	<25	<12	<12		
	11/9/2006	<100	87	<10	<10	<10	<100	<10	<10	36	<10	<10	<10	1.9 J	<10	<20	<10	230	3.9 J	22	<10	<10	<10	<10	<5	<5	<10	<10
	11/7/2007	<170	93	<17	<17	<17	<170	22 U	<17	54	<17	<17	<17	3.4 J	<17	<33	<17	280	5 J	28	<17	<17	<17	<17	<8.3	<8.3	<17	<17
UAW09-20	5/5/2001	<10	<1	0.49 J	<1		<10	<1	<1	<1	<2	0.4 J		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/9/2001	<10	<1	0.2 J	<1		<10	<1	<1	<1	<2	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	10/16/2002	<10	<1	<1	NA		NA	<1	NA	<1	<1	<1		NA	NA						<1	<1	<1	NA	NA	NA		
	11/11/2003	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	4/6/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/6/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/10/2005	<10	<1	0.54 J	<1		<10	<1	<1	<1	<1	0.74 J		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/3/2006	<10	<1	1.3	<1	<1	<10	<1	<1	<1	<1	2.7	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	0.19 J	<0.5	<0.5	<1	<1
	11/15/2007	<10	<1	1	<1	<1	<10	<1	<1	<1	<1	0.36 J	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1

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SAMPLE LOCATION	SAMPLE DATE	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	Dibromochloromethane	1,2-Dibromo-3-chloro-propane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene
Groundwater																												
UAW09-60	5/5/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	0.4 J		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/9/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	0.32 J		<1	<1						<1	<1	<1	<1	<0.5	0.5		
	10/16/2002	<10	<1	<1	NA		NA	<1	NA	<1	<1	<1		NA	NA						<1	<1	<1	NA	NA	NA		
	11/11/2003	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	4/6/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/6/2004	0.83 J B	<1	0.26 J	<1		<10	<1	<1	<1	<1	6.1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/10/2005	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/3/2006	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
UAW09-60 dup	11/15/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
	11/15/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
UAW10-50	10/12/2001	1.1 J	<2	<2	<2		<20	<2	<2	<2	<4	20		<2	<2						<2	12	54	3.4	54	0.87 J		
	11/13/2001	3 J	<4	<4	<4		5.3 J B	<4	<4	<4	<8	35		<4	<4						<4	12	45	1.6 J	46	0.75 J		
	10/19/2002	1.9 J	<1.4	<1.4	NA		NA	<1.4	NA	<1.4	0.44 J	13		NA	NA						<1.4	13	23	NA	NA	NA		
	11/10/2003	<14	<1.4	<1.4	<1.4		<14	<1.4	<1.4	<1.4	<1.4	24		<1.4	<1.4						<1.4	14	10	1.7	38	0.97		
	3/30/2004	<100	<10	<10	<10		<100	<10	<10	<10	<10	68		<10	<10						<10	13	380	<10	59	<5		
	11/5/2004	17 J B	<9.1	<9.1	<9.1		<91	<9.1	<9.1	<9.1	6.8 J	29		<9.1	<9.1						<9.1	11	230	<9.1	52	<4.5		
	11/11/2005	<50	<5	<5	<5		<50	<5	<5	<5	<5	23		<5	<5						<5	6.7	110	<5	45	2.8		
	11/9/2006	<140	<14	<14	<14	<14	<140	<14	<14	<14	<14	22	<14	<14	<14	<29	<14	<14	<14	<14	<14	5.4 J	420	<14	33	<7.1	<14	<14
UAW10-50 dup	11/12/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	34	<1	<1	<1	<2	<1	<1	<1	<1	<1	2.6	4.6	0.74 J	22	0.62	<1	<1
	11/12/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	35	<1	<1	<1	<2	<1	<1	<1	<1	<1	2.6	4.7	0.86 J	22	0.7	<1	<1
UAW10-80	10/12/2001	35 J	<67	<67	<67		<670	<67	<67	<67	<130	24 J		<67	<67						<67	<67	2200	<67	<33	<33		
	11/13/2001	<1700	<170	<170	<170		190 J B	<170	<170	<170	<330	<170		<170	<170						<170	<170	3500	<170	<83	<83		
	10/19/2002	12 J	<6.7	<6.7	NA		NA	<6.7	NA	<6.7	<6.7	<6.7		NA	NA						<6.7	<6.7	67	NA	NA	NA		
	11/13/2003	<220	<22	<22	<22		<220	<22	<22	<22	<22	<22		<22	<22						<22	<22	530	<22	<11	<11		
	3/30/2004	<20	<2	<2	<2		<20	<2	<2	<2	<2	<2		<2	<2						<2	<2	63	<2	<1	<1		
	11/5/2004	3.4 J B	1 J B	<1.7	<1.7		<17	<1.7	<1.7	<1.7	<1.7	<1.7		<1.7	<1.7						<1.7	<1.7	49	<1.7	1	<0.84		
	11/16/2005	<25	<2.5	<2.5	<2.5		<25	2.5	<2.5	<2.5	1.3 J	0.47 J		<2.5	<2.5						<2.5	<2.5	66	<2.5	0.97 J	<1.2		
	11/9/2006	<10	<1	<1	<1	<1	<10	<1	<1	<1	0.61 J	0.23 J	<1	<1	<1	<2	<1	<1	<1	<1	<1	0.27 J	3.3	<1	0.56	<0.5	<1	<1
	11/12/2007	<14	<1.4	<1.4	<1.4	<1.4	<14	<1.4	<1.4	<1.4	<1.4	0.41 J	<1.4	<1.4	<1.4	<2.9	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	40	<1.4	0.59 J	<0.72	<1.4	<1.4

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Groundwater																												
UAW11-10	5/8/2001	32000	<500	<500	<500		<5000	270 J	<500	<500	<1000	<500		<500	<500						<500	<500	<500	<500	<250	<250		
	11/10/2001	14000	<250	<250	<250		<2500	<250	<250	<250	<500	<250		<250	<250						<250	<250	<250	<250	<120	<120		
	10/18/2002	1100	<20	<20	NA		NA	<20	NA	32	<20	<20		NA	NA						<20	<20	<20	NA	NA	NA		
	11/16/2003	350	<7.1	<7.1	<7.1		<71	<7.1	<7.1	17	<7.1	<7.1		<7.1	<7.1						<7.1	<7.1	<7.1	<7.1	<3.6	<3.6		
	4/6/2004	2000	<40	<40	<40		<400	<40	<40	<40	<40	<40		<40	<40						<40	<40	<40	<40	<20	<20		
	11/7/2004	230 B	1.1 J	<5	<5		3.4 J	<5	<5	11	<5	<5		<5	<5						<5	1.8 J	<5	<5	1.4 J	<2.5		
	11/10/2005	160	0.89 J	<1	<1		4.7 U	0.31 J	<1	5.3	<1	<1		<1	<1						<1	1.1	<1	<1	0.77	<0.5		
	11/2/2006	<330	<33	<33	<33	<33	<330	<33	<33	<33	<33	<33	<33	<33	<33	<67	<33	8.8 J	<33	<33	<33	<33	<33	<33	<17	<17	<33	<33
	11/16/2007	<10	<1	<1	<1	<1	<10	6.6	<1	5.2	<1	<1	<1	<1	<1	<2	<1	17	1.2	6.9	<1	10	<1	0.31 J	4.5	0.43 J	<1	<1
UAW11-40	5/8/2001	<50	<5	<5	<5		<50	<5	<5	3 J	<10	2.1 J		<5	<5						<5	10	160	<5	12	<2.5		
	11/12/2001	6.6 J B	<5	<5	<5		<50	<5	<5	3.2 J	<10	3.5 J		<5	<5						<5	9.5	130	<5	12	<2.5		
	10/18/2002	<10	<1	<1	NA		NA	<1	NA	3.6	<1	1.7		NA	NA						<1	7	26	NA	NA	NA		
	11/16/2003	<10	<1	<1	<1		<10	<1	<1	2.4	<1	<1		<1	<1						<1	4.8	11	<1	5.8	<0.5		
	4/6/2004	<10	<1	<1	<1		<10	<1	<1	2.4	<1	<1		<1	<1						<1	4.5	7.3	<1	5.2	<0.5		
UAW11-40 (Dup)	4/6/2004	<10	<1	<1	<1		<10	<1	<1	2.3	<1	<1		<1	<1						<1	4.5	7.2	<1	5.1	<0.5		
	11/7/2004	0.79 J B	<1	<1	<1		<10	<1	<1	2.3	<1	0.52 J		<1	<1						<1	5.2	7.1	<1	6	0.31 J		
	11/10/2005	0.79 J B	<1	<1	<1		<10	<1	<1	2.2	<1	0.53 J		<1	<1						<1	5.4	7.7	0.44 J	6.1	0.29 J		
	11/2/2006	<10	<1	<1	<1	<1	<10	<1	<1	1.6	<1	0.7 J	<1	<1	<1	<2	<1	0.24 J	<1	<1	<1	4.6	7.2	0.29 J	6.7	0.32 J	<1	<1
	11/16/2007	<10	<1	<1	<1	<1	<10	<1	<1	1.6	<1	0.3 J	<1	<1	<1	<2	<1	<1	<1	<1	<1	4.6	8.1	<1	5.4	0.25 J	<1	<1
UAW12-20	5/6/2001	<560	<56	<56	<56		<560	<56	<56	920	<110	<56		NA	<56						<110	<56	<56	<56	<28	<28		
	11/15/2001	<500	<50	<50	<50		<500	<50	<50	1400	<100	<50		NA	<50						<100	<50	<50	<50	<25	<25		
	10/20/2002	97 J	<50	<50	NA		NA	<50	NA	1300	<50	<50		NA	NA						<50	<50	<50	NA	NA	NA		
	11/12/2003	<670	<67	<67	<67		<670	<67	<67	1100	<67	<67		<67	<67						<67	<67	<67	<67	<33	<33		
	3/28/2004	<560	<56	<56	<56		<560	<56	<56	1400	<56	<56		<56	<56						<56	<56	<56	<56	<28	<28		
	11/4/2004	250 J B	<71	<71	<71		<710	20 J	<71	2400	<71	<71		<71	<71						<71	<71	<71	<71	<36	<36		
	11/14/2005	<1000	<100	<100	<100		<1000	<100	<100	2600	<100	<100		<100	<100						<100	<100	<100	<100	<50	<50		
	11/6/2006	<710	<71	<71	<71	<71	<710	<71	<71	2000	<71	<71	<71	<71	<71	<140	<71	310	25 J	140	<71	<71	<71	<71	<36	<36	<71	<71
	11/16/2007	<670	<67	<67	<67	<67	<670	45 J	<67	1800	<67	<67	<67	<67	<67	<130	<67	260	28 J	130	<67	<67	<67	<67	<33	<33	<67	<67

Table B-1
Summary of Volatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	Dibromochloromethane	1,2-Dibromo-3-chloro-propane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene
Groundwater																												
UAW13-20	5/6/2001	180	21	<10	<10		<100	170	<10	20	<20	<10		NA	<10						<20	4.9 J	<10	<10	1.7 J	<5		
	11/15/2001	450 B	20	<17	<17		38 J	140	<17	31	<33	<17		NA	<17						<33	<17	<17	<17	<8.3	<8.3		
	10/23/2002	300 J	18 J	<40	NA		NA	410	NA	38 J	<40	<40		NA	NA						<40	<40	<40	NA	NA	NA		
	11/12/2003	190	19	<10	<10		<100	120	<10	29	<10	<10		<10	<10						<10	<10	<10	<10	<5	<5		
	3/28/2004	<200	<20	<20	<20		<200	150	<20	28	<20	<20		20	<20						<20	<20	<20	<20	<10	<10		
	11/5/2004	200 B	26 B	<20	<20		21 J	180	<20	32	<20	<20		<20	<20						<20	<20	<20	<20	<10	<10		
	11/16/2005	95 J	22	<10	<10		16 J	120	<10	40	<10	<10		<10	<10						<10	<10	<10	<10	<5	<5		
	10/31/2006	<100	15	<10	<10	<10	<100	95	<10	39	<10	<10	<10	<10	<10	<20	<10	66	<10	11	<10	<10	<10	<10	<5	<5	<10	<10
	11/16/2007	130 U	12	<12	<12	<12	<120	140	<12	58	<12	<12	<12	<12	12	<25	<12	88	<12	14	<12	<12	<12	<12	<6.2	<6.2	<12	<12
UAW14-10	5/5/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	0.37 J		<1	<1						<1	<1	0.67 J	<1	<0.5	<0.5		
	11/9/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	10/16/2002	<10	<1	<1	NA		NA	<1	NA	<1	<1	<1		NA	NA						<1	<1	<1	NA	NA	NA		
	11/16/2003	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	4/5/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/6/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/16/2005	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/8/2006	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
	11/7/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
UAW15-20	5/6/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	3.1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/11/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	14		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	10/18/2002	<10	<1	<1	NA		NA	0.24 J	NA	<1	<1	5.6		NA	NA						<1	<1	<1	NA	NA	NA		
	11/17/2003	<80	<8	<8	<8		<80	<8	<8	<8	<8	190		<8	<8						<8	<8	<8	<8	<4	<4		
	4/7/2004	<50	<5	<5	<5		<50	<5	<5	<5	<5	120		<5	<5						<5	<5	<5	<5	<2.5	<2.5		
	11/7/2004	5.5 J	<6.7	<6.7	<6.7		<67	<6.7	2.2 J	<6.7	<6.7	140		<6.7	<6.7						<6.7	<6.7	<6.7	<6.7	<3.3	<3.3		
	11/15/2005	3.8 U	<5	<5	<5		<50	<5	2.1 J	<5	<5	150		<5	<5						<5	<5	<5	<5	<2.5	<2.5		
	11/2/2006	<14	<1.4	<1.4	<1.4	<1.4	<14	<1.4	1.1 J	<1.4	<1.4	40	<1.4	<1.4	<1.4	<2.9	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<0.72	<0.72	<1.4	<1.4
	11/19/2007	<10	<1	0.78 J	<1	<1	<10	<1	0.69 J	<1	<1	20	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1

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SAMPLE LOCATION	SAMPLE DATE	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	Dibromochloromethane	1,2-Dibromo-3-chloro-propane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene
Groundwater																												
UAW15-50	5/6/2001	7300	<120	<120	<120		<1200	<120	<120	<120	<250	<120		<120	<120						<120	<120	<120	<120	<62	<62		
	11/11/2001	10000	<170	<170	<170		<1700	<170	<170	25 J	<330	<170		<170	<170						<170	<170	<170	<170	<83	<83		
	10/18/2002	280	<10	<10	NA		NA	<10	NA	23	<10	<10		NA	NA						<10	<10	<10	NA	NA	NA		
	11/17/2003	<120	<12	<12	<12		<120	<12	<12	21	<12	<12		<12	<12						<12	<12	<12	<12	<6.2	<6.2		
	4/7/2004	<200	<20	<20	<20		<200	<20	<20	34	<20	<20		<20	<20						<20	<20	<20	<20	<10	<10		
	11/7/2004	20 J B	<10	<10	<10		4.6 J	<10	<10	19	<10	<10		<10	<10						<10	<10	<10	<10	<5	<5		
UAW15-50 (Dup)	11/7/2004	<100	2.8 J	<10	<10		<100	<10	<10	23	<10	<10		<10	<10						<10	<10	<10	<10	<5	<5		
	11/15/2005	4.3 U	<3.3	<3.3	<3.3		2 U	<3.3	<3.3	25	<3.3	<3.3		0.5 J	<3.3						<3.3	<3.3	<3.3	<3.3	<1.7	<1.7		
	11/2/2006	<50	<5	<5	<5	<5	4.6 J	1.5 J	<5	25	<5	<5	<5	<5	<5	10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	<5	<5
	11/19/2007	<10	1.1	<1	<1	<1	<10	<1	<1	27	<1	<1	<1	0.42 J	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
UAW16-10	10/12/2001	8000	<120	<120	<120		<1200	<120	<120	23 J	<250	<120		<120	<120						<120	<120	<120	<120	<62	<62		
UAW16-10 (Dup)	10/12/2001	6500	<100	<100	<100		<1000	<100	<100	24 J	<200	<100		<100	<100						<100	<100	<100	<100	<50	<50		
	11/13/2001	6100	<100	<100	<100		<1000	<100	<100	23 J	<200	<100		<100	<100						<100	<100	<100	<100	<50	<50		
	10/18/2002	3.7 J	0.58 J	<1	NA		NA	<1	NA	21	<1	<1		NA	NA						<1	<1	<1	NA	NA	NA		
	11/16/2003	<10	<1	<1	<1		<10	<1	<1	17	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
UAW16-10 (Dup)	11/17/2003	<10	<1	<1	<1		<10	<1	<1	17	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	4/7/2004	<10	<1	<1	<1		<10	<1	<1	11	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/7/2004	2.9 J B	0.28 J	<1	<1		<10	0.34 J	<1	10	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/15/2005	<10	0.26 J	<1	<1		<10	<1	<1	9.1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/6/2006	<10	0.38 J	<1	<1	<1	<10	<1	<1	5.8	<1	<1	<1	0.21 J	<1	<2	<1	11	0.85 J	6.5	<1	<1	<1	<1	<0.5	<0.5	<1	<1
	11/19/2007	<14	<1.4	<1.4	<1.4	<1.4	<14	<1.4	<1.4	7.7	<1.4	<1.4	<1.4	<1.4	<1.4	<2.9	<1.4	13	0.51 J	5.2	<1.4	<1.4	<1.4	<1.4	<0.72	<0.72	<1.4	<1.4
UAW17-40	5/5/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/9/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	10/16/2002	<10	<1	<1	NA		NA	<1	NA	<1	<1	<1		NA	NA						<1	<1	<1	<1	NA	NA		
	11/16/2003	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	3/31/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/6/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/14/2005	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	10/31/2006	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
	11/19/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1

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SAMPLE LOCATION	SAMPLE DATE	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	Dibromochloromethane	1,2-Dibromo-3-chloro-propane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene
Groundwater																												
UAW18-20	10/12/2001	1.4 J	<1	<1	<1		0.42 J	5.7	<1	2.2	<2	<1		<1	<1						<1	0.29 J	<1	<1	<0.5	<0.5		
	11/13/2001	4.5 J	<2	<2	<2		1.4 J B	1.9 J	<2	1.7 J	<4	<2		<2	<2						<2	0.49 J	<2	<2	<1	<1		
	10/18/2002	<10	<1	<1	NA		NA	0.7 J	NA	2.3	<1	<1		NA	NA						<1	0.54 J	<1	NA	NA	NA		
	11/16/2003	<10	<1	<1	<1		<10	<1	<1	2.1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	4/7/2004	<10	<1	<1	<1		<10	<1	<1	1.7	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/7/2004	1.6 J B	<1	<1	<1		0.88 J	0.78 J	<1	1.5	<1	1.2		0.87 J	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/15/2005	5.1 U	<1	<1	<1		<10	<1	<1	0.42 J	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/6/2006	<10	0.25 J	<1	<1	<1	<10	<1	<1	3	<1	<1	<1	0.13 J	<1	<2	<1	4.7	0.21 J	1.8	<1	<1	<1	<1	<0.5	<0.5	<1	<1
	11/16/2007	<10	<1	<1	<1	<1	<10	5.7	<1	1.1	<1	<1	<1	<1	<1	<2	<1	1.6	<1	0.65 J	<1	<1	<1	<1	<0.5	<0.5	<1	<1
UAW19-80	5/6/2001	<17	<1.7	<1.7	<1.7		<17	<1.7	<1.7	<1.7	<3.3	19		<1.7	<1.7						<1.7	5.7	45	<1.7	1.3	<0.84		
	11/12/2001	1.3 J B	<1	<1	<1		<10	<1	<1	<1	<2	12		<1	<1						<1	4.8	33	0.29 J	1.3	<0.5		
UAW19-80 (Dup)	11/12/2001	6.3 J B	<5	<5	<5		<50	<5	<5	3.3 J	<10	3.7 J		<5	<5						<5	9.8	140	<5	13	<2.5		
	10/17/2002	<10	<1	<1	NA		NA	<1	NA	<1	<1	6		NA	NA						<1	8.4	26	NA	NA	NA		
UAW19-80 (Dup)	10/17/2002	<10	<1	<1	NA		NA	<1	NA	<1	<1	5.7		NA	NA						<1	8.1	25	NA	NA	NA		
	11/13/2003	<10	<1	<1	<1		<10	<1	<1	<1	<1	1.2		<1	<1						<1	11	26	<1	5.5	<0.5		
	3/30/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	1.1		<1	<1						<1	14	24	1.3	6.8	<0.5		
	11/5/2004	2.7 J B	0.29 J B	<1	<1		<10	<1	<1	<1	<1	1.1		<1	<1						<1	14	25	1.8	7.5	<0.5		
	11/11/2005	<10	<1	<1	<1		<10	<1	<1	<1	0.77 J	1.5		<1	<1						<1	16	35	1.8	11	0.46 J		
UAW19-80(DUP)	11/11/2005	<10	<1	<1	<1		<10	<1	<1	<1	0.73 J	1.5		<1	<1						<1	16	35	1.8	11	0.45 J		
	11/8/2006	<10	<1	<1	<1	<1	<10	<1	<1	<1	0.35 J	1.3	<1	<1	<1	<2	<1	<1	<1	<1	<1	15	35	1.8	14	0.48 J	<1	<1
	11/14/2007	<14	<1.4	<1.4	<1.4	<1.4	<14	<1.4	<1.4	<1.4	<1.4	0.86 J	<1.4	<1.4	<1.4	<2.9	<1.4	1.4	<1.4	<1.4	<1.4	8.8	34	1.5	12	0.34 J	<1.4	<1.4
UAW20-60	5/7/2001	<100	<10	<10	<10		<100	<10	<10	<10	<20	40		<10	<10						<10	55	300	11	100	2 J		
	11/14/2001	7.8 J	<11	<11	<11		<110	<11	<11	<11	<22	39		<11	<11						<11	52	310	10 J	92	2.5 J		
UAW20-60 (Dup)	11/14/2001	<110	<11	<11	<11		<110	<11	<11	<11	<22	41		<11	<11						<11	58	320	11	99	1.8 J		
	10/19/2002	21 J	<12	<12	NA		NA	<12	NA	<12	4.4 J	35		NA	NA						<12	38	410	NA	NA	NA		
UAW20-60 (Dup)	10/19/2002	28 J	<15	<15	NA		NA	<15	NA	<15	<15	31		NA	NA						<15	35	380	NA	NA	NA		
	11/13/2003	<220	<22	<22	<22		<920	<22	<22	<22	<22	65		<22	<22						<22	32	560	<22	73	<11		
	3/30/2004	<330	<33	<33	<33		<330	<33	<33	<33	<33	53		<33	<33						<33	<33	730	<33	57	<17		
	11/5/2004	130 J B	9.3 J B	<40	<40		<400	<40	<40	<40	<40	71		<40	<40						<40	42	1200	19 J	80	<20		
	11/11/2005	<500	<50	<50	<50		<500	<50	<50	<50	40 J	70		<50	<50						<50	43 J	1500	9.6 J	81	<25		
	11/7/2006	<500	<50	<50	<50	<50	<500	<50	<50	<50	<50	82	<50	<50	<50	<100	<50	<50	<50	<50	<50	26 J	1600	9.8 J	63	<25	<50	<50
	11/15/2007	<670	<67	<67	<67	<67	<670	<67	<67	<67	<67	73	<67	<67	<67	<130	<67	<67	<67	<67	<67	26 J	1500	<67	59	<33	<67	<67

Table B-1
Summary of Volatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	Dibromochloromethane	1,2-Dibromo-3-chloro-propane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene
Groundwater																												
UAW21-30	5/5/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/11/2001	0.8 J B	<1	<1	<1		<10	<1	<1	<1	<2	0.23 J		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	10/18/2002	<10	<1	<1	NA		NA	<1	NA	<1	<1	<1		NA	NA						<1	<1	<1	NA	NA	NA		
	11/11/2003	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	3/27/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/3/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	0.33 J		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/9/2005	<10	<1	<1	<1		<10	<1	<1	<1	<1	0.30 J		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/9/2006	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	0.58 J	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
	11/6/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	0.6 J	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
UAW21-80	5/5/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	0.43 J		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/11/2001	1.3 J B	<1	<1	<1		<10	<1	<1	<1	<2	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	10/18/2002	<10	<1	<1	NA		NA	<1	NA	<1	<1	<1		NA	NA						<1	<1	<1	NA	NA	NA		
	11/11/2003	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	3/27/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/3/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/8/2005	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/8/2006	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
	11/6/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
UAW22-20	10/13/2001	6.2 J B	1.3 J	<2.5	<2.5		<25	2.5	<2.5	29	<5	<2.5		<2.5	<2.5						<2.5	53	2.5	<2.5	6.9	<1.2		
	11/13/2001	5.3 J	2.2 J	<6.9	<6.9		10 J B	<6.9	<6.9	38	<14	<6.9		<6.9	<6.9						<6.9	66	2.3 J	<6.9	16	<3.4		
	10/20/2002	3700 B	<50	<50	NA		NA	<50	NA	95	<50	<50		NA	NA						<50	<50	<50	NA	NA	NA		
	11/10/2003	<20	<2	<2	<2		<20	<2	<2	65	<2	<2		<2	<2						<2	12	2.7	<2	2.8	<1		
	3/29/2004	<10	<1	<1	<1		<10	<1	<1	34	<1	<1		<1	<1						<1	8.1	2	<1	1.6	<0.5		
	11/4/2004	7.5 J B	2.6 B	<2.5	<2.5		<25	<2.5	<2.5	53	<2.5	<2.5		<2.5	<2.5						<2.5	39	1.5 J	<2.5	17	<1.2		
	11/15/2005	5.6 U	1.6 J	<2	<2		<20	<2	<2	24	<2	<2		<2	<2						<2	18	0.81 J	<2.0	3.2	<1		
	11/9/2006	<25	<2.5	<2.5	<2.5	<2.5	<25	<2.5	<2.5	24	<2.5	<2.5	<2.5	<2.5	<2.5	<5	<2.5	68	1.1 J	7.7	<2.5	3.9	2.5	<2.5	1.1 J	<1.2	<2.5	<2.5
	11/16/2007	560 U	<12	<12	<12	<12	<120	<12	<12	52	<12	<12	<12	<12	<12	<25	<12	49	<12	6.3 J	<12	11 J	<12	<12	6.5	<6.2	<12	<12

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Cincinnati Plant
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SAMPLE LOCATION	SAMPLE DATE	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	Dibromochloromethane	1,2-Dibromo-3-chloro-propane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene
Groundwater																												
UAW23-20	10/12/2001	11 J	<20	<20	<20		<200	<20	<20	<20	<40	67		<20	<20						<20	20	660	<20	25	<10		
	11/14/2001	<200	<20	<20	<20		<200	<20	<20	<20	<40	60		<20	<20						<20	17 J	510	<20	21	<10		
	10/19/2002	<12	<1.2	<1.2	NA		NA	<1.2	NA	<1.2	<1.2	31		NA	NA						<1.2	11	34	<1.2	NA	NA		
	11/13/2003	<17	<1.7	<1.7	<1.7		<17	<1.7	<1.7	<1.7	<1.7	7.7		<1.7	<1.7						<1.7	10	20	<1.7	11	<0.84		
	3/28/2004	<14	<1.4	<1.4	<1.4		<14	<1.4	<1.4	<1.4	<1.4	8		<1.4	<1.4						<1.4	10	21	<1.4	10	0.84		
	11/5/2004	<10	0.25 J B	<1	<1		<10	<1	<1	<1	<1	5.4		<1	<1						<1	9.1	5.6	2.8	9.3	0.6		
	11/14/2005	<14	<1.4	<1.4	<1.4		<14	<1.4	<1.4	<1.4	<1.4	29		<1.4	<1.4						<1.4	5.9	0.52 J	0.59 J	6.8	0.62 J		
	11/6/2006	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	37	<1	<1	<1	<2	<1	<1	<1	<1	<1	5.8	0.32 J	0.38 J	6.6	0.85	<1	<1
	11/13/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	28	<1	<1	<1	<2	<1	<1	<1	<1	<1	4.2	0.36 J	1.5	5.2	0.47 J	<1	<1
UAW24-70	10/13/2001	<10	<1	<1	<1		<10	<1	<1	<1	<2	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/15/2001	2.9 J B	<1	<1	<1		<10	1.5	<1	<1	<2	<1		<1	<1						<1	<1	0.65 J	<1	<0.5	<0.5		
	10/17/2002	<10	<1	<1	NA		NA	0.55 J	NA	<1	<1	<1		NA	NA						<1	<1	<1	NA	NA	NA		
	11/16/2003	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	4/5/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/6/2004	<10	<1	<1	<1		0.5 J	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/16/2005	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	10/31/2006	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	1	<1	<0.5	<0.5	<1	<1
	11/7/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	0.26 J	<1	<0.5	<0.5	<1	<1
UAW25-20	10/13/2001	1.5 J B	0.6 J	<1	<1		0.48 J	<1	<1	9	<2	<1		<1	<1						<1	0.28 J	<1	<1	<0.5	<0.5		
	11/13/2001	2.3 J	0.33 J	<1	<1		<10	<1	<1	11	<2	<1		<1	<1						<1	0.17 J	<1	<1	<0.5	<0.5		
	10/18/2002	<10	<1	<1	NA		NA	<1	NA	18	<1	<1		NA	NA						<1	0.5 J	<1	NA	NA	NA		
	11/12/2003	<10	<1	<1	<1		<10	<1	<1	11	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	3/27/2004	<10	<1	<1	<1		<10	<1	<1	8	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/3/2004	0.79 J	<1	<1	<1		<10	<1	<1	7.9	<1	<1		1.2	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/9/2005	<10	<1	<1	<1		<10	<1	<1	6	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/8/2006	<10	<1	<1	<1	<1	<10	<1	<1	6.4	<1	<1	<1	<1	<1	<2	<1	11	0.42 J	3.3	<1	<1	0.95 J	<1	<0.5	<0.5	<1	<1
	11/8/2007	<10	<1	<1	<1	<1	<10	<1	<1	4.8	<1	<1	<1	<1	<1	<2	<1	13	0.46 J	3.9	<1	<1	<1	<1	<0.5	<0.5	<1	<1

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Cincinnati Plant
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SAMPLE LOCATION	SAMPLE DATE	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	Dibromochloromethane	1,2-Dibromo-3-chloro-propane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene
Groundwater																												
UAW26-70	4/6/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/6/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/10/2005	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
	11/7/2006	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
	11/14/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
UAW27-50	3/31/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	<1		<1	<1						<1	10	<1	<1	5.2	<0.5		
	11/5/2004	<10	<1	<1	<1		<10	<1	<1	<1	<1	0.42 J		<1	<1						<1	9.9	0.52 J	0.66 J	5.4	<0.5		
	11/11/2005	<10	<1	<1	<1		<10	<1	<1	<1	<1	0.51 J		<1	<1						<1	10	0.58 J	0.79 J	7.1	0.27 J		
	11/1/2006	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	0.33 J	<1	<1	<1	<2	<1	<1	<1	<1	<1	6.4	0.4 J	0.54 J	5.5	0.24 J	<1	<1
	11/13/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	0.46 J	<1	<1	<1	<2	<1	<1	<1	<1	<1	6.4	0.52 J	0.77 J	8.7	0.22 J	<1	<1
LAW05-150	3/16/2002	<200	<20	<20	<20		<200	<20	<20	<20	<40	<20		NA	<20						<40	25	450	<20	26	4 J		
LAW05-150 (Dup)	3/16/2002	<200	<20	<20	<20		<200	<20	<20	<20	<40	<20		NA	<20						<40	24	450	<20	26	4.6 J		
LAW05-60	3/16/2002	5.5 J	<2.9	<2.9	<2.9		<29	<2.9	<2.9	<2.9	<5.7	1 J		NA	<2.9						<5.7	46	<2.9	9.8	64	3.5		
LAW12-60	10/13/2001	0.55 J B	<1	<1	<1		<10	<1	<1	0.14 J	<2	<1		NA	<1						<2	2.3	4.6	<1	5.3	0.73		
	11/16/2001	1.5 J	<1	<1	<1		<10	<1	<1	<1	<2	<1		NA	<1						<2	2.5	4.8	<1	5.1	0.68		
CINEB-1	11/11/2005	5.5 J B	<1	<1	<1		0.71 J	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
5CINTB-1	11/15/2005	5.7 J B	<1	<1	<1		0.8 J	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
8CINTB-1	11/8/2005	8.6 J	<1	<1	<1		0.83 J	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
9CINTB-1	11/9/2005	8.4 J	<1	<1	<1		0.88 J	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
10CINTB-1	11/10/2005	1.1 J	<1	<1	<1		0.45 J	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
6CINTB-1	11/16/2005	3.2 J	<1	<1	<1		0.48 J	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
4CINTB-1	11/14/2005	9.2 J	<1	<1	<1		0.82 J	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
11CINTB-1	11/11/2005	4.8 J B	<1	<1	<1		0.65 J	<1	<1	<1	<1	<1		<1	<1						<1	<1	<1	<1	<0.5	<0.5		
20061102CINEB-1	11/2/2006	13 B	<1	<1	<1	<1	2.2 J	0.4 J	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20061106CINEB-1	11/6/2006	11	<1	<1	<1	<1	2.2 J	0.78 J	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20061106CINFB-1	11/6/2006	15	<1	<1	<1	<1	2.6 J	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20061106TB-1	11/6/2006	3.8 J	<1	<1	<1	<1	0.61 J	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20061106TB-2	11/6/2006	3.7 J	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20061107TB-3	11/7/2006	4.1 J	<1	<1	<1	<1	0.62 J	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20061108CINFB-1	11/8/2006	12 B	<1	<1	<1	<1	2.1 J	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20061108TB-4	11/8/2006	3.5 J	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1

Table B-1
Summary of Volatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	Dibromochloromethane	1,2-Dibromo-3-chloro-propane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene
Groundwater																												
20061108TB-5	11/8/2006	3.5 J	<1	<1	<1	<1	0.41 J	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20071107CINEB-1	11/7/2007	3 J	<1	<1	<1	<1	<10	1.5	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20071107CINFB-1	11/7/2007	3.9 J	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20071109CINTB-1	11/9/2007	1.5 J	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20071109CINTB-2	11/9/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20071114CINTB-1	11/14/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20071115CINEB-2	11/15/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20071115CINFB-2	11/15/2007	<10	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20071116CINTB-1	11/16/2007	2.4 J	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
20071119CINTB-1	11/19/2007	2.5 J	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1
French Drain Sump @ 46 hr	10/19/2002	210	<8	<8	NA		NA	2.1 J	NA	120	<8	<8		NA	NA						<8	<8	<8	NA	NA	NA		
French Drain Sump @ 72 hr	10/20/2002	230	2.1 J	<5	NA		NA	2.2 J	NA	110	<5	<5		NA	NA						<5	<5	<5	NA	NA	NA		
Seeps																												
SS-1 (Seep)	10/11/2001	2.1 J B	1.1	<1	NA		NA	0.97 J	NA	11	<2	<1		NA	NA						<1	1	<1	NA	NA	NA		
SS-5 (Seep)	10/11/2001	3.1 J B	0.92 J	<1.8	NA		NA	1.1 J	NA	24	<3.6	<1.8		NA	NA						<1.8	0.55 J	<1.8	NA	NA	NA		

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Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	Isopropylbenzene	Methyl Acetate	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Styrene	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																							
MW-EPA-1	5/8/2001		19 J		<50		<50	<50	<500	<250			<50	<50		<50	<50	<50		<50	<100	30 J	<50
	11/15/2001		40 J		<83		140 B	<83	<830	<420			<83	59 J		<83	<83	<83		<83	<170	93	<83
	10/20/2002		<100		NA		100 B	<100	NA	NA			NA	49 J		NA	NA	NA		NA	NA	<100	NA
	11/12/2003		<200		<200		<200	<200	<2000	<1000			<200	<200		<200	<200	<200		<200	<200	<200	NA
	3/28/2004		<83		<83		<83	<83	<830	<420			<83	<83		<83	<83	<83		<83	<83	<83	NA
	11/4/2004		28 J		<100		85 J B	<100	<1000	<500			<100	<100		<100	<100	<100		<100	<100	130	NA
	11/15/2005		26 J		<56		<56	<56	<560	<280			<56	12 J		<56	<56	<56		<56	<56	41 J	NA
	11/8/2006	<120	<120	<1200	<120	<1200	<120	<120	<1200	<620	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	<120	NA
	11/19/2007	<250	<250	<2500	<250	<2500	<250	<250	<2500	<1200	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	NA
MW-EPA-2	5/8/2001		<1		<1		0.98 J	<1	<10	<5			11	<1		<1	<1	<1		<1	<2	<1	<1
	11/14/2001		<3.3		<3.3		2 J B	<3.3	<33	<17			45	<3.3		<3.3	<3.3	<3.3		<3.3	<6.7	<3.3	<3.3
	10/20/2002		<2.2		NA		1.1 J B	<2.2	NA	NA			NA	<2.2		NA	NA	NA		NA	NA	<2.2	NA
	11/11/2003		<2.5		<2.5		<2.5	<2.5	<25	<12			80	<2.5		<2.5	<2.5	<2.5		<2.5	<2.5	<2.5	NA
	3/29/2004		<2		<2		<2	<2	<20	<10			52	<2		<2	<2	<2		<2	<2	<2	NA
	11/4/2004		<3.3		<3.3		2.4 J B	<3.3	<33	<17			75	<3.3		<3.3	<3.3	<3.3		<3.3	<3.3	<3.3	NA
	11/11/2005		<2		<2		<2	<2	<20	<10			62	<2		<2	<2	<2		<2	<2	<2	NA
	11/9/2006	<14	<14	<140	<14	<140	<14	<14	<140	<71	<14	<14	45	<14	<14	20	5 J	6 J	<14	3.9 J	<14	<14	NA
	11/19/2007	<5	<5	<50	<5	<50	<5	<5	<50	<25	<5	<5	79	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA
MW-EPA-3	5/6/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<2	<1	<1
	11/13/2001		<1		<1		<1	<1	<10	<5			<1	0.3 J		<1	<1	<1		<1	<2	<1	<1
	10/17/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	NA		NA	NA	<1	NA
	11/13/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	3/30/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/4/2004		<1		<1		<1	<1	<10	0.2 J			<1	0.21 J		<1	<1	<1		<1	<1	0.51 J	NA
	11/11/2005		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/7/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/14/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA

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Cincinnati Plant
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SAMPLE LOCATION	SAMPLE DATE	trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	Isopropylbenzene	Methyl Acetate	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Styrene	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																							
MW-EPA-4	5/8/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<2	<1	<1
	11/13/2001		<1		<1		<1	<1	<10	<5			<1	<1		0.2 J	<1	<1		<1	<2	<1	<1
	10/18/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	NA		NA	NA	<1	NA
	11/16/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	4/6/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/6/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/10/2005		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/7/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/14/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
Recovery Well	7/29/2001		<29		NA		<29	NA	<140	NA			<29	<29		<29	<29	<29		NA	<57	<29	<29
UAW01-30	5/4/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<2	<1	<1
	11/8/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<2	<1	<1
	10/17/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	NA		NA	NA	<1	NA
	11/11/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	3/24/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/3/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/8/2005		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/1/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/8/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW01-80	5/4/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	1.4 J	<1	<1
	10/10/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	2.1	<1	<1
	11/12/2001		<1		<1		<1	<1	<10	<5			<1	0.23 J		<1	<1	<1		<1	1.9 J	<1	<1
	10/17/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	NA		NA	NA	<1	NA
	11/11/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	2.5	<1	NA
	3/24/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	2.8	<1	NA
	11/2/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	4	<1	NA
	11/8/2005		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	4.4	<1	NA
	11/1/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	0.29 J	<1	<1	<1	<1	<1	<1	4.1	<1	NA
	11/8/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	4	<1	NA

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SAMPLE LOCATION	SAMPLE DATE	trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	Isopropylbenzene	Methyl Acetate	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Styrene	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																							
UAW02-20	5/7/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<2	<1	<1
	11/10/2001		<1		<1		<1	<1	<10	<5			<1	0.45 J		<1	<1	<1		<1	<2	<1	<1
	10/17/2002		<1		NA		<1	<1	NA	NA			NA	0.39 J		NA	NA	NA		NA	NA	<1	NA
	11/12/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	3/26/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/3/2004		<1		0.59 J		<1	0.63 J B	<10	<5			<1	<1		<1	<1	<1		<1	<1	0.56 J	NA
	11/9/2005		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/3/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	0.17 J	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/9/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW02-40	5/7/2001		<2.5		<2.5		<2.5	<2.5	<25	<12			<2.5	<2.5		<2.5	<2.5	<2.5		<2.5	<5	<2.5	66
UAW02-40 (Dup)	5/7/2001		<1.2		<1.2		<1.2	<1.2	<12	<6.2			<1.2	<1.2		<1.2	<1.2	<1.2		<1.2	<2.5	<1.2	<1.2
	11/10/2001		<2.5		<2.5		<2.5	<2.5	<25	<12			<2.5	<2.5		<2.5	<2.5	<2.5		<2.5	<5	<2.5	63
	10/17/2002		<2		NA		1.4 J B	<2	NA	NA			NA	<2		NA	NA	NA		NA	NA	<2	NA
	11/12/2003		<2		<2		<2	<2	<20	<10			<2	<2		<2	<2	<2		<2	<2	<2	NA
	3/26/2004		<2		<2		<2	<2	<20	<10			<2	<2		<2	<2	<2		<2	<2	<2	NA
	11/3/2004		<1.7		<1.7		4.9 B	<1.7	<17	<8.4			<1.7	<1.7		<1.7	<1.7	<1.7		<1.7	0.78 J	<1.7	NA
	11/9/2005		<1.7		<1.7		0.64 U	<1.7	<17	<8.4			<1.7	<1.7		<1.7	<1.7	<1.7		<1.7	0.77 J	<1.7	NA
	11/3/2006	<1.2	<1.2	<12	<1.2	<12	<1.2	<1.2	<12	<6.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	0.56 J	<1.2	NA
UAW02-40 (DUP)	11/3/2006	<1.4	<1.4	<14	<1.4	<14	<1.4	<1.4	<14	<7.2	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	0.56 J	<1.4	NA
	11/9/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.51 J	<1	NA
UAW03-20	5/7/2001		0.55 J		<1		<1	0.41 J	<10	<5			<1	12		<1	<1	<1		<1	<2	2.5	<1
	11/11/2001		1.6 J		0.34 J		1.3 J B	2.6	<25	<12			<2.5	3.6		<2.5	<2.5	<2.5		<2.5	<5	4.5	<2.5
	10/23/2002		<6.7		NA		4.5 J	3.4 J	NA	NA			NA	<6.7		NA	NA	NA		NA	NA	5.9 J	NA
	11/12/2003		<10		<10		<10	17	<100	<50			<10	<10		<10	<10	<10		<10	<10	<10	NA
	3/28/2004		<13		<13		<13	<13	<130	<67			<13	<13		<13	<13	<13		<13	<13	<13	NA
	11/4/2004		<10		<10		8.6 J B	6.2 J	<100	<50			<10	<10		<10	<10	<10		<10	<10	15	NA
UAW03-20 (Dup)	11/4/2004		3.9 J		<12		9.7 J B	<12	<120	<62			<12	<12		<12	<12	<12		<12	<12	17	NA
	11/9/2005		1.4 J		<4		5.1 U	3.5 J	<40	<20			<4	<4		<4	<4	<4		<4	<4	<4	NA
	11/6/2006	<1	<1	<10	<1	<10	<1	<1	1.2 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/13/2007	<1	<1	<10	<1	<10	<1	<1	0.61 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA

Table B-1
Summary of Volatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	Isopropylbenzene	Methyl Acetate	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Styrene	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																							
UAW04-20	5/7/2001		<1000		<1000		<1000	<1000	<10000	<5000			<1000	21000		<1000	<1000	<1000		<1000	<2000	<1000	<1000
	11/11/2001		<250		<250		200 J B	<250	<2500	<1200			<250	8800		<250	<250	<250		<250	<500	<250	<250
	10/20/2002		<33		NA		<33	<33	NA	NA			NA	320		NA	NA	NA		NA	NA	<33	NA
	11/12/2003		<100		<100		<100	<100	<1000	<500			<100	3500		<100	<100	<100		<100	<100	<100	NA
	3/28/2004		<1000		<1000		<1000	<1000	<10000	<5000			<1000	24000		<1000	<1000	<1000		<1000	<1000	<1000	NA
	11/3/2004		<330		<330		280 J B	<330	<3300	<1700			<330	11000		<330	<330	<330		<330	<330	200 J	NA
	11/9/2005		<10		<10		16 U	<10	<100	<50			<10	310		<10	<10	<10		<10	<10	6.6 J	NA
	11/6/2006	<140	<140	<1400	<140	<1400	<140	<140	<1400	<710	<140	<140	<140	3900	<140	<140	<140	<140	<140	<140	<140	<140	NA
UAW04-20 (DUP)	11/6/2006	<140	<140	<1400	<140	<1400	<140	<140	<1400	<710	<140	<140	<140	4000	<140	<140	<140	<140	<140	<140	<140	<140	NA
UAW05-20	5/6/2001		<40		<40		<40	<40	<400	<200			<40	<40		<40	<40	<40		<40	<80	<40	<40
	10/10/2001		<40		<40		<40	<40	<400	<200			<40	<40		<40	<40	<40		<40	<80	<40	<40
	11/12/2001		4 J		<22		<22	3.5 J	<220	<110			<22	<22		<22	<22	<22		<22	<44	10 J	<22
	10/20/2002		<25		NA		13 J B	<25	NA	NA			NA	<25		NA	NA	NA		NA	NA	<25	NA
	11/10/2003		<25		<25		<25	<25	<250	<120			<25	<25		<25	<25	<25		<25	<25	<25	NA
	3/28/2004		<20		<20		<20	<20	<200	<100			<20	<20		<20	<20	<20		<20	<20	<20	NA
UAW05-20 (Dup)	3/28/2004		<17		<17		<17	<17	<170	<83			<17	<17		<17	<17	<17		<17	<17	<17	NA
	11/4/2004		<20		<20		16 J B	<20	<200	<100			<20	<20		<20	<20	<20		<20	<20	<20	NA
	11/15/2005		<20		<20		<20	<20	<200	<100			<20	<20		<20	<20	<20		<20	<20	<20	NA
	11/9/2006	<17	<17	<170	<17	<170	10 J	<17	<170	<83	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17	NA
	11/15/2007	<62	<62	<620	<62	<620	<62	<62	<620	<310	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	<62	NA
UAW06-20	5/6/2001		<10		<10		<10	<10	<100	<50			<10	<10		<10	<10	<10		<10	<20	<10	<10
	10/10/2001		<170		<170		<170	<170	<1700	<830			<170	<170		<170	<170	<170		<170	<330	<170	<170
	11/13/2001		<670		<670		<670	<670	<6700	<3300			<670	<670		<670	<670	<670		<670	<1300	<670	<670
	10/20/2002		1.3 J		NA		<2.5	<2.5	NA	NA			NA	13		NA	NA	NA		NA	NA	<2.5	NA
	11/12/2003		<3.3		<3.3		<3.3	<3.3	<33	<17			<3.3	3.8		<3.3	<3.3	<3.3		<3.3	<3.3	<3.3	NA
	3/29/2004		<2.5		<2.5		<2.5	<2.5	<25	<12			<2.5	<2.5		<2.5	<2.5	<2.5		<2.5	<2.5	<2.5	NA
	11/4/2004		1.6 J		4.1		1.8 J B	<3.3	<33	<17			<3.3	1.3 J		<3.3	<3.3	<3.3		<3.3	<3.3	4.7	NA
	11/15/2005		1.4 J		<3.3		<3.3	<3.3	<33	<17			<3.3	1.5 J		<3.3	<3.3	<3.3		<3.3	<3.3	<3.3	NA
	11/9/2006	<5	<5	<50	<5	<50	<5	<5	<50	<25	<5	<5	<5	1 J	<5	<5	<5	<5	<5	<5	<5	<5	NA
	11/15/2007	<5	<5	<50	<5	<50	<5	<5	<50	<25	<5	<5	<5	0.87 J	<5	<5	<5	<5	<5	<5	<5	<5	NA

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Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	Isopropylbenzene	Methyl Acetate	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Styrene	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																							
UAW07-20	5/8/2001		4.4		NA		<2	NA	<10	NA			<2	3.5		<2	<2	<2		NA	<4	13	<2
UAW07-20 (Dup)	5/8/2001		4.3		NA		<2.5	NA	<12	NA			<2.5	3.6		<2.5	<2.5	<2.5		NA	<5	13	<2.5
	11/15/2001		5.6		NA		2.3 B	NA	<10	NA			<2	1.2 J		<2	<2	<2		NA	<4	13	<2
	10/20/2002		2.2 J		NA		1.4 J B	<2.5	NA	NA			NA	<2.5		NA	NA	NA		NA	NA	7.6	NA
	11/12/2003		<3.3		3.4		<3.3	<3.3	<33	<17			<3.3	<3.3		<3.3	<3.3	<3.3		<3.3	<3.3	5.6	NA
UAW07-20 (Dup)	11/12/2003		<3.3		3.3		<3.3	<3.3	<33	<17			<3.3	<3.3		<3.3	<3.3	<3.3		<3.3	<3.3	5.7	NA
	4/5/2004		2.7		<2		<2	<2	<20	<10			<2	<2		<2	<2	<2		<2	<2	5	NA
	11/4/2004		<6.7		8.9		4.2 J B	<6.7	<67	<33			<6.7	<6.7		<6.7	<6.7	<6.7		<6.7	<6.7	13	NA
	11/15/2005		2.2 J		2.5 J		<8.3	<8.3	<83	<42			<8.3	<8.3		<8.3	<8.3	<8.3		<8.3	<8.3	6.5 J	NA
	11/6/2006	< 5.7	3.1 J	< 57	1.1 J	< 57	< 5.7	< 5.7	< 57	< 29	< 5.7	< 5.7	< 5.7	< 5.7	< 5.7	< 5.7	< 5.7	< 5.7	< 5.7	< 5.7	< 5.7	4.3 J	NA
	11/15/2007	< 20	< 20	< 200	< 20	< 200	< 20	< 20	< 200	< 100	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA
UAW08-20	5/6/2001		32 J		NA		<33	NA	<170	NA			<33	1100		<33	<33	<33		NA	<67	140	<33
	11/13/2001		57 J		NA		42 J B	NA	<500	NA			<100	1400		<100	<100	<100		NA	<200	190	<100
	10/20/2002		40		NA		15 J B	<33	NA	NA			NA	1100		NA	NA	NA		NA	NA	180	NA
	11/10/2003		44		<40		<40	<40	<400	<200			<40	1000		<40	<40	<40		<40	<40	190	NA
	3/29/2004		54		<50		<50	<50	<500	<250			<50	1200		<50	<50	<50		<50	<50	230	NA
	11/4/2004		59		<33		25 J B	17 J	66 J	<170			<33	1100		<33	<33	<33		<33	<33	270	NA
	11/15/2005		55		<25		<25	18 J	35 U	<120			<25	970		<25	<25	<25		<25	<25	240	NA
	11/9/2006	< 10	30	< 100	< 10	< 100	5.7 J	8 J	44 J	< 50	< 10	< 10	< 10	260	< 10	< 10	< 10	< 10	< 10	< 10	< 10	130	NA
	11/7/2007	< 17	43	< 170	< 17	< 170	< 17	15 J	37 J	< 83	< 17	< 17	< 17	430	< 17	< 17	< 17	< 17	< 17	< 17	< 17	180	NA
UAW09-20	5/5/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<2	<1	<1
	11/9/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	0.28 J B		<1	<2	<1	<1
	10/16/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	NA		NA	NA	<1	NA
	11/11/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	4/6/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/6/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/10/2005		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/3/2006	< 1	< 1	< 10	< 1	< 10	< 1	< 1	< 10	< 5	< 1	< 1	< 1	0.21 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA
	11/15/2007	< 1	< 1	< 10	< 1	< 10	< 1	< 1	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA

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Rohm and Haas Chemicals LLC
Cincinnati Plant
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SAMPLE LOCATION	SAMPLE DATE	trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	Isopropylbenzene	Methyl Acetate	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Styrene	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																							
UAW09-60	5/5/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<2	<1	<1
	11/9/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	0.27 J B		<1	<2	<1	<1
	10/16/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	NA		NA	NA	<1	NA
	11/11/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	4/6/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/6/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/10/2005		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/3/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW09-60 dup	11/15/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/15/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW10-50	10/12/2001		<2		<2		2.1	<2	<20	<10			0.48 J	<2		36	1.9 J	3.6		2.1	0.43 J	<2	55
	11/13/2001		<4		<4		3.5 J B	<4	<40	<20			<4	<4		32	1.4 J	2.8 J		1.5 J	<8	<4	47
	10/19/2002		<1.4		NA		0.91 J B	<1.4	NA	NA			NA	<1.4		NA	NA	NA		NA	NA	<1.4	NA
	11/10/2003		<1.4		<1.4		<1.4	<1.4	<14	<7.2			<1.4	<1.4		14	<1.4	1.7		1.7	<1.4	<1.4	NA
	3/30/2004		<10		<10		<10	<10	<100	<50			<10	<10		16	<10	<10		<10	<10	<10	NA
	11/5/2004		<9.1		9.1		3.6 J	<9.1	<91	<45			3.2 J	<9.1		13	<9.1	3.2 J		3.2 J	<9.1	<9.1	NA
	11/11/2005		<5		<5		1.5 U	<5	<50	<25			2.7 J	<5		8.2	1.3 J	2.2 J		<5	<5	<5	NA
	11/9/2006	<14	<14	<140	<14	<140	7.6 J	<14	<140	<71	<14	<14	10 J	<14	<14	11 J	<14	4 J	<14	<14	<14	<14	NA
UAW10-50 dup	11/12/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	4.6	<1	<1	4.1	1	2.1	<1	0.93 J	<1	<1	NA
	11/12/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	4.9	<1	<1	4.2	1	2.2	<1	1	<1	<1	NA
UAW10-80	10/12/2001		<67		<67		240	<67	<670	<330			<67	<67		<67	<67	<67		<67	23 J	<67	<67
	11/13/2001		<170		<170		81 J B	<170	<1700	<830			<170	<170		<170	<170	<170		<170	<330	<170	<170
	10/19/2002		<6.7		NA		3.1 J B	<6.7	NA	NA			NA	<6.7		NA	NA	NA		NA	NA	<6.7	NA
	11/13/2003		<22		<22		<22	<22	<220	<110			<22	<22		<22	<22	<22		<22	<22	<22	NA
	3/30/2004		<2		<2		<2	<2	<20	<10			<2	<2		<2	<2	<2		<2	<2	<2	NA
	11/5/2004		<1.7		<1.7		1.8 B	<1.7	<17	<8.4			<1.7	<1.7		<1.7	<1.7	<1.7		<1.7	0.92 J	2.1	NA
	11/16/2005		<2.5		<2.5		<2.5	<2.5	<25	<12			<2.5	<2.5		<2.5	<2.5	<2.5		<2.5	1.5 J	<2.5	NA
	11/9/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.47 J	<1	NA
	11/12/2007	<1.4	<1.4	<14	<1.4	<14	<1.4	<1.4	<14	<7.2	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	0.51 J	<1.4	NA

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Rohm and Haas Chemicals LLC
Cincinnati Plant
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SAMPLE LOCATION	SAMPLE DATE	trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	Isopropylbenzene	Methyl Acetate	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Styrene	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																							
UAW11-10	5/8/2001		<500		<500		<500	<500	<5000	<2500			<500	<500		<500	<500	<500		<500	<1000	<500	<500
	11/10/2001		<250		<250		190 J B	<250	<2500	<1200			<250	<250		<250	<250	<250		<250	<500	<250	<250
	10/18/2002		<20		NA		20 B	<20	NA	NA			NA	<20		NA	NA	NA		NA	NA	<20	NA
	11/16/2003		<7.1		<7.1		<7.1	<7.1	<71	<36			<7.1	<7.1		<7.1	<7.1	<7.1		<7.1	<7.1	<7.1	NA
	4/6/2004		<40		<40		<40	<40	<400	<200			<40	<40		<40	<40	<40		<40	<40	<40	NA
	11/7/2004		<5		<5		7.3 B	<5	<50	<25			<5	1.3 J		<5	<5	<5		<5	<5	<5	NA
	11/10/2005		0.8 J		<1		<1	<1	4 U	<5			<1	0.82 J		<1	<1	<1		<1	<1	2.4	NA
	11/2/2006	<33	<33	<330	<33	<330	<33	<33	<330	<170	<33	<33	<33	<33	<33	<33	<33	<33	<33	<33	<33	<33	NA
	11/16/2007	<1	<1	10	<1	<10	<1	<1	0.94 J	<5	<1	<1	<1	0.33 J	<1	<1	<1	<1	<1	<1	0.99 J	<1	NA
UAW11-40	5/8/2001		<5		<5		<5	<5	<50	<25			14	<5		15	<5	2.5 J		<5	<10	<5	12
	11/12/2001		<5		<5		<5	<5	<50	<25			16	<5		13	<5	2.6 J		<5	<10	<5	12
	10/18/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	NA		NA	NA	<1	NA
	11/16/2003		<1		<1		<1	<1	<10	<5			21	<1		8.1	<1	2.1		<1	<1	<1	NA
	4/6/2004		<1		<1		<1	<1	<10	<5			20	<1		6.9	<1	2.2		<1	<1	<1	NA
UAW11-40 (Dup)	4/6/2004		<1		<1		<1	<1	<10	<5			21	<1		6.6	<1	2.1		<1	<1	1	NA
	11/7/2004		<1		<1		<1	<1	<10	<5			26	<1		8.4	0.51 J	2.2		1.4	<1	<1	NA
	11/10/2005		<1		<1		<1	<1	<10	<5			22	<1		7.3	0.51 J	2.1		0.76 J	<1	<1	NA
	11/2/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	13	0.29 J	<1	6.7	0.53 J	1.7	<1	0.68 J	<1	<1	NA
	11/16/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	11	<1	<1	4.2	0.47 J	1.7	<1	0.61 J	<1	<1	NA
UAW12-20	5/6/2001		<56		NA		<56	NA	<280	NA			<56	<56		<56	<56	<56		NA	<110	<56	<56
	11/15/2001		<50		NA		79 B	NA	<250	NA			<50	<50		<50	<50	<50		NA	<100	<50	<50
	10/20/2002		<50		NA		16 J B	<50	NA	NA			NA	<50		NA	NA	NA		NA	NA	<50	NA
	11/12/2003		<67		<67		<67	<67	<670	<330			<67	<67		<67	<67	<67		<67	<67	<67	NA
	3/28/2004		<56		<56		<56	<56	<560	<280			<56	<56		<56	<56	<56		<56	<56	<56	NA
	11/4/2004		<71		<71		54 J B	<71	<710	<360			<71	<71		<71	<71	<71		<71	<71	<71	NA
	11/14/2005		<100		<100		<100	<100	<1000	<500			<100	<100		<100	<100	<100		<100	<100	<100	NA
	11/6/2006	<71	<71	<710	<71	<710	<71	<71	<710	<360	<71	<71	<71	<71	<71	<71	<71	<71	<71	<71	<71	<71	NA
	11/16/2007	<67	<67	<670	<67	<670	<67	<67	<670	<330	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	NA

Table B-1
Summary of Volatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	Isopropylbenzene	Methyl Acetate	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Styrene	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																							
UAW13-20	5/6/2001		<10		NA		<10	NA	<50	NA			<10	250		<10	<10	<10		NA	<20	5.4 J	<10
	11/15/2001		4.1 J		NA		25 B	NA	22 J	NA			<17	350		<17	<17	<17		NA	<33	9.1 J	<17
	10/23/2002		<40		NA		22 J	<40	NA	NA			NA	1400		NA	NA	NA		NA	NA	<40	NA
	11/12/2003		<10		<10		<10	<10	<100	<50			<10	210		<10	<10	<10		<10	<10	<10	NA
	3/28/2004		<20		<20		<20	<20	<200	<100			<20	97		<20	<20	<20		<20	<20	<20	NA
	11/5/2004		<20		<20		<20	<20	36 J	<100			<20	52		<20	<20	<20		<20	<20	24	NA
	11/16/2005		4.3 J		<10		<10	<10	7.2 J	<50			<10	23		<10	<10	<10		<10	<10	8.9 J	NA
	10/31/2006	<10	3 J	<100	<10	<100	<10	<10	8.5 J	<50	<10	<10	<10	13	<10	<10	<10	<10	<10	<10	<10	6.1 J	NA
	11/16/2007	<12	5.1 J	<120	<12	<120	<12	<12	15 J	<62	<12	<12	<12	42	<12	<12	<12	<12	<12	<12	2.8 J	9.2 J	NA
UAW14-10	5/5/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<2	<1	<1
	11/9/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	0.31 J B		<1	<2	<1	<1
	10/16/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	NA		NA	NA	<1	NA
	11/16/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	4/5/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/6/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/16/2005		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/8/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/7/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW15-20	5/6/2001		<1		<1		<1	<1	10	<5			1	<1		<1	<1	<1		<1	<2	<1	<1
	11/11/2001		<1		<1		<1	<1	10	<5			<1	5.8		<1	<1	<1		<1	<2	<1	<1
	10/18/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	NA		NA	NA	<1	NA
	11/17/2003		<8		<8		<8	<8	<80	<40			<8	<8		<8	<8	<8		<8	<8	<8	NA
	4/7/2004		<5		<5		<5	<5	<50	<25			<5	<5		<5	<5	<5		<5	<5	<5	NA
	11/7/2004		<6.7		<6.7		<6.7	<6.7	<67	<33			<6.7	<6.7		<6.7	<6.7	<6.7		<6.7	<6.7	<6.7	NA
	11/15/2005		<5		<5		<5	<5	<50	<25			<5	<5		<5	<5	<5		<5	<5	<5	NA
	11/2/2006	<1.4	<1.4	<14	<1.4	<14	<1.4	<1.4	<14	<7.2	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	NA
	11/19/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA

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SAMPLE LOCATION	SAMPLE DATE	trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	Isopropylbenzene	Methyl Acetate	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Styrene	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																							
UAW15-50	5/6/2001		<120		<120		120	<120	<1200	<620			<120	230		<120	<120	<120		<120	<250	<120	<120
	11/11/2001		<170		<170		110 J B	<170	<1700	<830			<170	200		<170	<170	<170		<170	<330	<170	<170
	10/18/2002		<10		NA		6.3 J B	<10	NA	NA			NA	140		NA	NA	NA		NA	NA	<10	NA
	11/17/2003		<12		<12		<12	<12	<120	<62			<12	87		<12	<12	<12		<12	<12	<12	NA
	4/7/2004		<20		<20		<20	<20	<200	<100			<20	200		<20	<20	<20		<20	<20	<20	NA
	11/7/2004		<10		<10		<10	<10	6.2 J	<50			<10	64		<10	<10	<10		<10	<10	<10	NA
UAW15-50 (Dup)	11/7/2004		<10		<10		12 B	<10	18 J	<50			<10	79		<10	<10	<10		<10	<10	<10	NA
	11/15/2005		<3.3		<3.3		<3.3	<3.3	6.3 U	<17			<3.3	43		<3.3	<3.3	<3.3		<3.3	<3.3	<3.3	NA
	11/2/2006	< 5	< 5	< 50	< 5	< 50	< 5	< 5	8 J	< 25	< 5	< 5	< 5	11	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NA
	11/19/2007	< 1	0.28 J	< 10	< 1	< 10	< 1	< 1	15	< 5	< 1	< 1	< 1	0.44 J	< 1	< 1	< 1	0.29 J	< 1	< 1	< 1	0.61 J	NA
UAW16-10	10/12/2001		<120		<120		<120	<120	<1200	<620			<120	<120		<120	<120	<120		<120	<250	<120	<120
UAW16-10 (Dup)	10/12/2001		<100		<100		<100	<100	<1000	<500			<100	<100		<100	<100	<100		<100	<200	<100	<100
	11/13/2001		<100		<100		57 J B	<100	<1000	<500			<100	<100		<100	<100	<100		<100	<200	<100	<100
	10/18/2002		<1		NA		<1	1.8	NA	NA			NA	1.1		NA	NA	NA		NA	NA	<1	NA
	11/16/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
UAW16-10 (Dup)	11/17/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	4/7/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/7/2004		<1		<1		<1	0.75 J	<10	<5			<1	0.3 J		<1	<1	<1		<1	<1	1.1	NA
	11/15/2005		0.21 J		<1		<1	0.95 J	34	<5			<1	0.84 J		<1	<1	<1		<1	<1	<1	NA
	11/6/2006	< 1	< 1	< 10	< 1	< 10	< 1	< 1	< 10	< 5	< 1	< 1	< 1	0.3 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA
	11/19/2007	< 1.4	< 1.4	< 14	< 1.4	< 14	< 1.4	< 1.4	< 14	7.2	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	NA
UAW17-40	5/5/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<2	<1	<1
	11/9/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	0.24 J B		<1	<2	<1	<1
	10/16/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	<1		NA	NA	<1	NA
	11/16/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	3/31/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/6/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/14/2005		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	10/31/2006	< 1	< 1	< 10	< 1	< 10	< 1	< 1	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA
	11/19/2007	< 1	< 1	< 10	< 1	< 10	< 1	< 1	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA

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Rohm and Haas Chemicals LLC
Cincinnati Plant
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SAMPLE LOCATION	SAMPLE DATE	trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	Isopropylbenzene	Methyl Acetate	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Styrene	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																							
UAW18-20	10/12/2001		<1		<1		<1	<1	<10	<5			<1	0.22 J		<1	<1	<1		<1	<2	<1	<1
	11/13/2001		<2		<2		<2	<2	<20	<10			<2	<2		<2	<2	<2		<2	<4	<2	<2
	10/18/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	NA		NA	NA	<1	NA
	11/16/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	4/7/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/7/2004		<1		0.58 J		<1	0.63 J	2 J	<5			<1	0.43 J		<1	<1	<1		<1	<1	0.52 J	NA
	11/15/2005		<1		<1		<1	<1	0.92 U	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/6/2006	<1	<1	<10	<1	<10	<1	<1	0.71 J	<5	<1	<1	<1	0.31 J	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/16/2007	<1	<1	<10	<1	<10	<1	<1	0.96 J	<5	<1	<1	<1	0.27 J	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW19-80	5/6/2001		<1.7		<1.7		0.56 J	<1.7	<17	<8.4			<1.7	<1.7		<1.7	<1.7	<1.7		<1.7	<3.3	<1.7	1.3 J
	11/12/2001		<1		<1		<1	<1	<10	<5			<1	0.36 J		0.25 J	<1	<1		<1	<2	<1	1.3
UAW19-80 (Dup)	11/12/2001		<5		<5		<5	<5	<50	<25			15	<5		13	<5	2.7 J		<5	<10	<5	13
	10/17/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	NA		NA	NA	<1	NA
UAW19-80 (Dup)	10/17/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	NA		NA	NA	<1	NA
	11/13/2003		<1		<1		<1	<1	<10	<5			<1	<1		1.9	<1	<1		<1	<1	<1	NA
	3/30/2004		<1		<1		<1	<1	<10	<5			<1	<1		2.5	<1	<1		<1	<1	<1	NA
	11/5/2004		<1		<1		<1	<1	<10	<5			<1	<1		2.8	<1	<1		<1	<1	<1	NA
	11/11/2005		<1		<1		<1	<1	<10	<5			<1	<1		5.4	0.32 J	<1		<1	<1	<1	NA
UAW19-80(DUP)	11/11/2005		<1		<1		<1	<1	<10	<5			<1	<1		5.3	0.35 J	<1		<1	<1	<1	NA
	11/8/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	6.4	0.29 J	<1	<1	<1	<1	<1	NA
	11/14/2007	<1.4	<1.4	<14	<1.4	<14	<1.4	<1.4	<14	<7.2	<1.4	<1.4	<1.4	<1.4	<1.4	4.1	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	NA
UAW20-60	5/7/2001		<10		<10		<10	<10	<100	<50			17	<10		83	3.4 J	6.4 J		3.7 J	<20	<10	110
	11/14/2001		<11		<11		8 J B	<11	<110	<56			20	<11		94	4.2 J	7 J		4.5 J	<22	<11	95
UAW20-60 (Dup)	11/14/2001		<11		<11		7.8 J B	<11	<110	<56			20	<11		98	<11	7.9 J		4.8 J	<22	<11	100
	10/19/2002		<12		NA		5.3 J B	<12	NA	NA			NA	<12		NA	NA	NA		NA	NA	<12	NA
UAW20-60 (Dup)	10/19/2002		<15		NA		6.7 J B	<15	NA	NA			NA	<15		NA	NA	NA		NA	NA	<15	NA
	11/13/2003		<22		<22		<22	<22	<220	<110			32	<22		69	<22	<22		<22	<22	<22	NA
	3/30/2004		<33		<33		<33	<33	<330	<170			<33	<33		39	<33	<33		<33	<33	<33	NA
	11/5/2004		<40		<40		36 J B	<40	<400	<200			41	<40		60	<40	<40		<40	<40	<40	NA
	11/11/2005		<50		<50		18 U	<50	<500	<250			43 J	<50		69	<50	<50		<50	<50	<50	NA
	11/7/2006	<50	<50	<500	<50	<500	<50	<50	<500	<250	<50	<50	55	<50	<50	56	<50	<50	<50	<50	<50	<50	NA
	11/15/2007	<67	<67	<670	<67	<670	<67	<67	<670	<330	<67	<67	44 J	<67	<67	50 J	<67	<67	<67	<67	<67	<67	NA

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Cincinnati Plant
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SAMPLE LOCATION	SAMPLE DATE	trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	Isopropylbenzene	Methyl Acetate	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Styrene	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																							
UAW21-30	5/5/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<2	<1	<1
	11/11/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<2	<1	<1
	10/18/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	NA		NA	NA	<1	NA
	11/11/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	3/27/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/3/2004		<1		<1		<1	<1	<10	<5			0.45 J	<1		<1	<1	<1		<1	<1	<1	NA
	11/9/2005		<1		<1		<1	<1	<10	<5			0.22 J	<1		<1	<1	<1		<1	<1	<1	NA
	11/9/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/6/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	0.59 J	<1	<1	<1	<1	NA
UAW21-80	5/5/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<2	<1	<1
	11/11/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<2	<1	<1
	10/18/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	NA		NA	NA	<1	NA
	11/11/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	3/27/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/3/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/8/2005		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	0.22 J	<1	NA
	11/8/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/6/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW22-20	10/13/2001		<2.5		<2.5		1.6 J B	<2.5	<25	<12			<2.5	0.92 J		<2.5	<2.5	0.39 J		<2.5	14	<2.5	6.9
	11/13/2001		<6.9		<6.9		4.4 J B	<6.9	<69	<34			<6.9	1.3 J		<6.9	<6.9	2 J		<6.9	15	<6.9	16
	10/20/2002		<50		NA		32 J	<50	NA	NA			NA	<50		NA	NA	NA		NA	NA	<50	NA
	11/10/2003		<2		<2		<2	<2	<20	<10			<2	<2		<2	<2	<2		<2	7.5	<2	NA
	3/29/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	3.3	<1	NA
	11/4/2004		<2.5		<2.5		1.8 J B	<2.5	<25	<12			<2.5	0.59 J		<2.5	<2.5	0.8 J		<2.5	4	2.4 J	NA
	11/15/2005		<2		<2		<2	<2	<20	<10			<2	0.58 J		<2	<2	<2		<2	5.6	<2	NA
	11/9/2006	<2.5	<2.5	<25	<2.5	<25	<2.5	<2.5	<25	<12	<2.5	<2.5	<2.5	0.54 J	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.3 J	<2.5	NA
	11/16/2007	<12	<12	<120	<12	<120	<12	<12	<120	<62	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	NA

Table B-1
Summary of Volatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	Isopropylbenzene	Methyl Acetate	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Styrene	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																							
UAW23-20	10/12/2001		<20		<20		<20	<20	<200	<100			82	<20		51	6.3 J	8.4 J		<20	<40	<20	25
	11/14/2001		<20		<20		15 J B	<20	<200	<100			61	<20		50	<20	8.8 J		<20	<40	<20	21
	10/19/2002		<1.2		NA		0.45 J B	<1.2	NA	NA			NA	<1.2		NA	NA	7.2		NA	NA	<1.2	NA
	11/13/2003		<1.7		<1.7		<1.7	<1.7	17	<8.4			40	<1.7		22	2.9	5		2.2	<1.7	<1.7	NA
	3/28/2004		<1.4		<1.4		<1.4	<1.4	<14	<7.2			39	<1.4		20	2.6	4.5		2.4	<1.4	<1.4	NA
	11/5/2004		<1		<1		<1	<1	<10	<5			47	<1		16	2.6	5.1		<1	<1	<1	NA
	11/14/2005		<1.4		<1.4		<1.4	<1.4	<14	<7.2			39	<1.4		13	2.7	3.8		1.4	<1.4	<1.4	NA
	11/6/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	27	<1	<1	14	2.6	3.8	<1	1.9	<1	<1	NA
	11/13/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	25	<1	<1	9	2.3	3.5	<1	1.1	<1	<1	NA
UAW24-70	10/13/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<2	<1	<1
	11/15/2001		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<2	<1	<1
	10/17/2002		<1		NA		<1	<1	NA	NA			NA	0.48 J		NA	NA	NA		NA	NA	<1	NA
	11/16/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	4/5/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/6/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/16/2005		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	10/31/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	0.31 J	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/7/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW25-20	10/13/2001		<1		<1		<1	<1	<10	<5			<1	0.61 J		<1	<1	<1		<1	<2	<1	<1
	11/13/2001		<1		<1		<1	<1	<10	<5			<1	0.77 J		<1	<1	<1		<1	<2	<1	<1
	10/18/2002		<1		NA		<1	<1	NA	NA			NA	<1		NA	NA	NA		NA	NA	<1	NA
	11/12/2003		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	3/27/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/3/2004		<1		0.57 J		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	0.48 J	NA
	11/9/2005		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/8/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	0.19 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/8/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA

Table B-1
Summary of Volatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	Isopropylbenzene	Methyl Acetate	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Styrene	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																							
UAW26-70	4/6/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/6/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/10/2005		<1		<1		<1	<1	<10	<5			<1	0.21 J		<1	<1	<1		<1	<1	<1	NA
	11/7/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/14/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW27-50	3/31/2004		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
	11/5/2004		<1		<1		<1	<1	<10	<5			<1	<1		0.98 J	<1	<1		<1	<1	<1	NA
	11/11/2005		<1		<1		<1	<1	<10	<5			<1	<1		1.6	<1	<1		<1	<1	<1	NA
	11/1/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	0.41 J	<1	1.1	<1	<1	<1	<1	<1	<1	NA
	11/13/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	1.9	<1	<1	<1	<1	<1	<1	NA
LAW05-150	3/16/2002		<20		NA		<20	NA	<100	NA			<20	<20		<20	<20	<20		NA	<40	<20	30
LAW05-150 (Dup)	3/16/2002		<20		NA		<20	NA	<100	NA			<20	<20		<20	<20	<20		NA	<40	<20	30
LAW05-60	3/16/2002		<2.9		NA		<2.9	NA	<14	NA			<2.9	<2.9		<2.9	<2.9	<2.9		NA	0.78 J	<2.9	68
LAW12-60	10/13/2001		<1		NA		<1	NA	<5	NA			<1	<1		<1	<1	<1		NA	0.2 J	<1	6
	11/16/2001		<1		NA		<1	NA	<5	NA			<1	<1		<1	<1	<1		NA	<2	<1	5.8
CINEB-1	11/11/2005		<1		<1		<1	<1	<10	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
5CINTB-1	11/15/2005		<1		<1		<1	<1	0.9 J	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
8CINTB-1	11/8/2005		<1		<1		<1	<1	0.73 J	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
9CINTB-1	11/9/2005		<1		<1		<1	<1	0.69 J	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
10CINTB-1	11/10/2005		<1		<1		<1	<1	0.69 J	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
6CINTB-1	11/16/2005		<1		<1		<1	<1	0.51 J	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
4CINTB-1	11/14/2005		<1		<1		<1	<1	0.62 J	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
11CINTB-1	11/11/2005		<1		<1		<1	<1	0.73 J	<5			<1	<1		<1	<1	<1		<1	<1	<1	NA
20061102CINEB-1	11/2/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20061106CINEB-1	11/6/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20061106CINFB-1	11/6/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20061106TB-1	11/6/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20061106TB-2	11/6/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20061107TB-3	11/7/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20061108CINFB-1	11/8/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20061108TB-4	11/8/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA

Table B-1
Summary of Volatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	trans-1,3-Dichloropropene	Ethylbenzene	2-Hexanone	Isopropylbenzene	Methyl Acetate	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Styrene	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																							
20061108TB-5	11/8/2006	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20071107CINEB-1	11/7/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20071107CINFB-1	11/7/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20071109CINTB-1	11/9/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20071109CINTB-2	11/9/2007	<1	<1	<10	<1	<10	<1	<1	<10	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20071114CINTB-1	11/14/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20071115CINEB-2	11/15/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20071115CINFB-2	11/15/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20071116CINTB-1	11/16/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
20071119CINTB-1	11/19/2007	<1	<1	<10	<1	<10	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA
French Drain Sump @ 46 hr	10/19/2002		<8		NA		9.7 B	<8	NA	NA			NA	66		NA	NA	NA		NA	NA	<8	NA
French Drain Sump @ 72 hr	10/20/2002		2.4 J		NA		1.5 J B	<5	NA	NA			NA	60		NA	NA	NA		NA	NA	7.4	NA
Seeps																							
SS-1 (Seep)	10/11/2001		0.39 J		NA		<1	0.49 J	NA	NA			NA	0.45 J		NA	NA	NA		NA	NA	1.7	NA
SS-5 (Seep)	10/11/2001		<1.8		NA		<1.8	0.3 J	NA	NA			NA	0.55 J		NA	NA	NA		NA	NA	<1.8	NA

Notes:
J = Estimated result; result is less than reporting limit.
B = Method blank contamination. The associated method blank contains the target analyte at a reportable level.
NA indicates chemical was not on the target analyte list for that sample.
<5 = Indicates constituent not detected at or above indicated detection limit.
This table only includes target analytes detected in one or more Facility Investigation samples.

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Aniline	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene	Benzo(k)fluoranthene	Benzaldehyde	1,1'-Biphenyl	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl) phthalate	4-Bromophenyl phenl ether	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloroaniline	4-Chloro-3-methylphenol	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl phenyl ether	Chrysene
Groundwater																											
MW-EPA-1	5/8/2001	NA	<120										<120	<120			<120		<120	<120	<120				<120		
	11/15/2001	NA	<200										<200	<200			<200		<200	<200	<200				<200		
	10/20/2002	<1000	NA										<1000	NA			NA		NA	NA	NA				NA		
	11/12/2003	<500	<500										<500	<500			<500		<500	<500	<500				<500		
	3/28/2004	<500	<500										<500	<500			<500		<500	<500	<500				<500		
	11/4/2004	28 J	<500										<500	<500			<500		<500	<500	<500				<500		
	11/15/2005	37	<10										3.2 J	<10			1.7 U		<10	3.6 J	<10				<10		
	11/8/2006	36 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	16 J	<50	<50
	11/19/2007	42 J	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
MW-EPA-2	5/8/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/14/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/20/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/11/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	3/29/2004	<10	<10										<10	<10			34		<10	<10	<10				<10		
	11/4/2004	<10	<10										<10	<10			<10		<10	1.7 J	<10				<10		
	11/11/2005	<10	<10										<10	<10			0.78 U		<10	3.2 J	<10				<10		
	11/9/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/19/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
MW-EPA-3	5/6/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/13/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/17/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/13/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	3/30/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/4/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/11/2005	<10	<10										<10	<10			0.48 U		<10	1.6 J	<10				<10		
	11/7/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/14/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
MW-EPA-4	5/8/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/13/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/18/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/16/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	4/6/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/6/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/10/2005	<10	<10										<10	<10			0.65 U		<10	1.2 J	<10				<10		
	11/7/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/14/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	14	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Recovery Well	7/29/2001	4.6 J	<10										NA	NA			<10		<10	NA	NA				<10		

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Aniline	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene	Benzo(k)fluoranthene	Benzaldehyde	1,1'-Biphenyl	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl) phthalate	4-Bromophenyl phenl ether	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloroaniline	4-Chloro-3-methylphenol	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl phenyl ether	Chrysene
Groundwater																											
UAW01-30	5/4/2001	NA	<10										<10	<10			3.4 J		<10	<10	<10				<10		
	11/8/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/17/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/11/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	3/24/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/3/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/8/2005	<10	<10										<10	<10			1.2 J		<10	<10	<10				<10		
UAW01-30(DUP)	11/8/2005	<10	<10										<10	<10			3.9 U		<10	<10	<10				<10		
	11/1/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/8/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW01-80	5/12/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/15/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/19/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	4/10/2004	<67	<67										<67	<67			<67		<67	<67	<67				<67		
	11/6/2004	<10	<10										<10	<10			1.5 J B		<10	<10	<10				<10		
	11/8/2005	<10	<10										<10	<10			1.2 U		<10	<10	<10				<10		
	11/1/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/8/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW02-20	5/7/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
UAW02-20 (Dup)	5/7/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/10/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/17/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/12/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	3/26/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/3/2004	1.5 J	<10										<10	<10			3.2 J B		<10	<10	<10				<10		
	11/9/2005	0.69 J	<10										<10	<10			<10		<10	1.3 J	<10				<10		
	11/3/2006	1 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.5 J	<10	<10	<10	<10	<10	<10	<10
	11/9/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW02-40	5/13/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/14/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/17/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/20/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	4/12/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/6/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/9/2005	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/3/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.6 J	<10	<10	<10	<10	<10	<10	<10
UAW02-40 (DUP)	11/3/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.6 J	<10	<10	<10	<10	<10	<10	<10
	11/9/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

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Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Aniline	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene	Benzo(k)fluoranthene	Benzaldehyde	1,1'-Biphenyl	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl) phthalate	4-Bromophenyl phenl ether	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloroaniline	4-Chloro-3-methylphenol	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl phenyl ether	Chrysene
Groundwater																											
UAW03-20	5/7/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/11/2001	NA	<20										<20	<20			<20		<20	<20	<20				<20		
	10/23/2002	11 J	NA										<67	NA			NA		NA	NA	NA				NA		
	11/12/2003	<100	<100										<100	<100			<100		<100	<100	<100				<100		
	3/28/2004	<100	<100										<100	<100			<100		<100	<100	<100				<100		
	11/4/2004	6.2 J	<67										<67	<67			<67		<67	<67	<67				<67		
UAW03-20 (Dup)	11/4/2004	5.2 J	<40										<40	<40			<40		<40	<40	<40				<40		
	11/9/2005	1.5 J	<10										<10	<10			0.57 U		<10	<10	<10				<10		
	11/6/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/13/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW04-20	5/7/2001	NA	<40										53	<40			<40		<40	<40	<40				<40		
	11/11/2001	NA	<100										<100	<100			<100		<100	<100	<100				<100		
	10/20/2002	410	NA										<120	NA			NA		NA	NA	NA				NA		
	11/12/2003	12	<10										<10	<10			<10		<10	<10	<10				<10		
	3/28/2004	<50	<50										<50	<50			<50		<50	<50	<50				<50		
	11/3/2004	4.6 J	<50										<50	<50			<50		<50	<50	<50				<50		
	11/9/2005	2.6 J	<10										<10	<10			0.65 U		<10	0.88 J	<10				<10		
	11/6/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW04-20 (DUP)	11/6/2006	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
UAW05-20	5/6/2001	NA	<100										<100	<100			<100		<100	<100	<100				<100		
	10/10/2001	NA	<10										<10	<10			<10		<10	<10	<10				6.3 J		
	11/12/2001	NA	<100										<100	<100			<100		<100	<100	<100				<100		
	10/20/2002	<200	NA										<200	NA			NA		NA	NA	NA				NA		
	11/10/2003	<50	<50										<50	<50			<50		<50	<50	<50				<50		
	3/28/2004	<25	<25										<25	<25			<25		<25	<25	<25				<25		
UAW05-20 (Dup)	3/28/2004	<40	<40										<40	<40			<40		<40	<40	<40				<40		
	11/4/2004	10 J	<25										1.7 J	<25			25		<25	<25	<25				<25		
	11/14/2005	10 J	<25										3.7 J	<25			<25		<25	<25	<25				<25		
	11/9/2006	7.4 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	2.7 J	<10	<10
	11/15/2007	28 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	5.5 J	<25	<25	<25	<25	<25	<25	2.8 J	<25	<25	<25	<25	<25	<25	<25
UAW06-20	5/6/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/10/2001	NA	<25										<25	<25			<25		<25	<25	<25				<25		
	11/13/2001	NA	6.4 J										<25	7.3 J			<25		<25	<25	<25				<25		
	10/20/2002	37 J	NA										<50	NA			NA		NA	NA	NA				NA		
	11/12/2003	<100	<100										<100	<100			<100		<100	<100	<100				<100		
	3/29/2004	<20	<20										<20	<20			<20		<20	<20	<20				<20		
	11/4/2004	<40	<40										<40	<40			<40		<40	5.5 J	<40				<40		
	11/15/2005	3.0 J	1.7 J										<10	<10			2.4 U		<10	11	<10				<10		
	11/9/2006	5.2 J	1.2 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	7.7 J	<50	<50	<50	<50	<50	<50	<50
	11/15/2007	3.1 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	4 J	<25	<25	<25	<25	<25	<25	<25

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Cincinnati Plant
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SAMPLE LOCATION	SAMPLE DATE	Aniline	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene	Benzo(k)fluoranthene	Benzaldehyde	1,1'-Biphenyl	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl) phthalate	4-Bromophenyl phenl ether	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloroaniline	4-Chloro-3-methylphenol	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl phenyl ether	Chrysene
Groundwater																											
UAW07-20	5/8/2001	150	<100										NA	NA			<100		<100	NA	<100				<100		
UAW07-20 (Dup)	5/8/2001	44	<25										NA	NA			<25		<25	NA	NA				<25		
	11/15/2001	120	<40										NA	NA			<40		<40	NA	NA				<40		
	10/20/2002	9.1 J	NA										<40	NA			NA		NA	NA	NA				NA		
	11/12/2003	<50	<50										<50	62			<50		<50	<50	<50				<50		
UAW07-20 (Dup)	11/12/2003	<40	<40										<40	56			<40		<40	<40	<40				<40		
	4/5/2004	<100	<100										<100	<100			<100		<100	<100	<100				<100		
	11/4/2004	19 J	<100										<100	60 J			<100		<100	<100	<100				<100		
	11/15/2005	7.7 J	<10										1.3 J	15			1.6 U		<10	3.4 J	<10				<10		
	11/6/2006	16 J	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
	11/15/2007	12 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	4.5 J	<50	<50	<50	<50	<50	<50	<50
UAW08-20	5/6/2001	12000	<1700										NA	NA			<1700		<1700	NA	NA				<1700		
	11/13/2001	12000	<1300										NA	NA			<1300		<1300	NA	NA				<1300		
	10/20/2002	4400	NA										<1000	NA			NA		NA	NA	NA				NA		
	11/10/2003	8300	<2500										<2500	<2500			<2500		<2500	<2500	<2500				<2500		
	3/29/2004	5900	<4000										<4000	<4000			<4000		<4000	<4000	<4000				<4000		
	11/4/2004	5900	<2000										<2000	<2000			<2000		<2000	<2000	<2000				<2000		
	11/15/2005	3000	<1000										<1000	<1000			<1000		<1000	<1000	<1000				<1000		
	11/9/2006	1700	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800
	11/7/2007	5700	<2000	<2000	<2000	<2000	<2000	<2000	<2000	<2000	<2000	<2000	<2000	<2000	<2000	<2000	2000	<2000	<2000	<2000	<2000	<2000	<2000	<2000	<2000	<2000	<2000
UAW09-20	5/5/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/14/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/16/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/11/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	4/6/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/6/2004	<10	<10										<10	<10			0.4 J		<10	<10	<10				<10		
UAW09-20(DUP)	11/15/2005	<10	<10										<10	<10			0.57 J		<10	<10	<10				<10		
	11/10/2005	<10	<10										<10	<10			0.77 U		<10	<10	<10				<10		
	11/3/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.6 J	<10	<10	<10	<10	<10	<10	<10
	11/15/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW09-60	5/11/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/9/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/16/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/24/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
UAW09-60(DUP)	11/24/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/6/2004	<10	<10										<10	<10			3.5 J		<10	<10	<10				<10		
	11/10/2005	<10	<10										<10	<10			0.57 U		<10	<10	<10				<10		
	11/3/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.5 J	<10	<10	<10	<10	<10	<10	<10
UAW09-60 dup	11/15/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	24 B	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/15/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Aniline	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene	Benzo(k)fluoranthene	Benzaldehyde	1,1'-Biphenyl	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl) phthalate	4-Bromophenyl phenl ether	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloroaniline	4-Chloro-3-methylphenol	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl phenyl ether	Chrysene
Groundwater																											
UAW10-50	10/12/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/13/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/19/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/24/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	4/8/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/12/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/11/2005	<10	<10										<10	<10			4.8 U		<10	11	<10				<10		
	11/9/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW10-50 dup	11/12/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/12/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW10-80	10/18/2001	NA	<10										<10	<10			<10		<10	NA	<10				<10		
	11/15/2001	NA	<10										<10	<10			<10		2.4 J	11	<10				<10		
	10/19/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/25/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	4/8/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/12/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/16/2005	<10	<10										<10	<10			1.3 U		<10	0.94 J	<10				<10		
	11/9/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.1 J	<10	<10	<10	<10	<10	<10	<10
	11/12/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW11-10	5/8/2001	NA	<500										<500	<500			<500		<500	<500	<500				<500		
	11/10/2001	NA	<25										<25	<25			<25		<25	<25	<25				<25		
	10/18/2002	97 E	NA										<10	NA			NA		NA	NA	NA				NA		
	11/16/2003	44	<10										<10	<10			<10		<10	<10	<10				<10		
	4/6/2004	<40	<40										<40	<40			<40		<40	<40	<40				<40		
	11/7/2004	16	<10										<10	<10			29 B		<10	<10	<10				<10		
	11/10/2005	28 J	<100										<100	<100			<100		<100	19 J	<100				<100		
	11/2/2006	200	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	16 J	<67	<67	<67	<67	<67	<67	<67
	11/16/2007	3.7 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW11-40	5/18/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/14/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/18/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/30/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	4/6/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
UAW11-40 (Dup)	4/6/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/16/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/10/2005	<10	<10										<10	<10			0.48 U		<10	0.99 J	<10				<10		
	11/2/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.8 J	<10	<10	<10	<10	<10	<10	<10
	11/16/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

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Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Aniline	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene	Benzo(k)fluoranthene	Benzaldehyde	1,1'-Biphenyl	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl) phthalate	4-Bromophenyl phenl ether	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloroaniline	4-Chloro-3-methylphenol	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl phenyl ether	Chrysene
Groundwater																											
UAW12-20	5/6/2001	<250	<250										NA	NA			<250		<250	NA	NA				<250		
	11/15/2001	<200	<200										NA	NA			<200		<200	NA	NA				<200		
	10/20/2002	<500	NA										<500	NA			NA		NA	NA	NA				NA		
	11/12/2003	<500	<500										<500	<500			<500		<500	<500	<500				<500		
	3/28/2004	<500	<500										<500	<500			<500		<500	<500	<500				<500		
	11/4/2004	<400	<400										<400	<400			<400		<400	<400	<400				<400		
	11/14/2005	4.3 J	<40										<40	<40			<40		40	<40	<40				<40		
	11/6/2006	4.6 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.6 J	<10	<10	<10	<10	4.1 J	<10	<10
	11/16/2007	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	5.8 J	<67	<67
UAW13-20	5/6/2001	400	<200										NA	NA			<200		<200	NA	NA				<200		
	11/15/2001	<200	<200										NA	NA			<200		<200	NA	<200				<200		
	10/23/2002	830	NA										<250	NA			NA		NA	NA	NA				NA		
	11/12/2003	<100	<100										<100	<100			<100		<100	<100	<100				<100		
	3/28/2004	<250	<250										<250	<250			<250		<250	<250	<250				<250		
	11/5/2004	160	<100										<100	<100			<100		<100	<100	<100				<100		
	11/16/2005	48 J	<50										<50	<50			<50		<50	<50	<50				<50		
	10/31/2006	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	11/16/2007	40	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	12 J	<25	<25	<25	<25	<25	<25	<25
UAW14-10	5/5/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/9/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/16/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/16/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	4/5/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/6/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/16/2005	<10	<10										<10	<10			3.3 U		<10	0.76 J	<10				<10		
	11/8/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/7/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW15-20	5/6/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/11/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/18/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/17/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	4/7/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/7/2004	<10	<10										<10	<10			1 J B		<10	<10	<10				<10		
	11/15/2005	<10	<10										<10	<10			9.5 U		<10	0.91 J	<10				<10		
	11/2/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.6 J	<10	<10	<10	<10	<10	<10	<10
	11/19/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

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Cincinnati Plant
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SAMPLE LOCATION	SAMPLE DATE	Aniline	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene	Benzo(k)fluoranthene	Benzaldehyde	1,1'-Biphenyl	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl) phthalate	4-Bromophenyl phenl ether	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloroaniline	4-Chloro-3-methylphenol	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl phenyl ether	Chrysene
Groundwater																											
UAW15-50	5/6/2001	NA	<200										<200	<200			<200		<200	<200	<200				<200		
	11/19/2001	NA	<500										<500	<500			<500		<500	<500	<500				<500		
	10/18/2002	<500	NA										<500	NA			NA		NA	NA	NA				NA		
	12/4/2003	<200	<200										<200	<200			<200		<200	<200	<200				<200		
	4/7/2004	<100	<100										<100	<100			<100		<100	<100	<100				<100		
	11/7/2004	<100	<100										<100	<100			<100		<100	<100	<100				<100		
UAW15-50 (Dup)	11/7/2004	<100	<100										<100	<100			<100		<100	<100	<100				<100		
	11/15/2005	<200	<200										<200	<200			<200		<200	27 J	<200				<200		
	11/2/2006	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
	11/19/2007	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
UAW16-10	10/12/2001	NA	<10										<10	<10			<10		<10	19	<10				<10		
UAW16-10 (Dup)	10/12/2001	NA	<10										<10	<10			<10		<10	17	<10				<10		
	11/13/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/18/2002	9.5 J	NA										<10	NA			NA		NA	NA	NA				NA		
	11/16/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
UAW16-10 (Dup)	11/17/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	4/7/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/7/2004	<40	<40										<40	<40			<40		<40	<40	<40				<40		
	11/15/2005	4.1 J	<10										<10	<10			0.7 U		<10	1.1 J	<10				<10		
	11/6/2006	1.9 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/19/2007	6.6 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW17-40	5/5/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/9/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/16/2002	<10	<10										<10	NA			NA		NA	NA	NA				<10		
	11/16/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	3/31/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/6/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/14/2005	<10	<10										<10	<10			1.2 U		<10	<10	<10				<10		
	10/31/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/19/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW18-20	10/12/2001	NA	<10										<10	<10			<10		<10	6 J	<10				<10		
	11/13/2001	NA	<10										<10	<10			<10		2.7 J	14	<10				<10		
	10/18/2002	32	NA										<10	NA			NA		NA	NA	NA				NA		
	11/16/2003	16	<10										<10	<10			<10		<10	<10	<10				<10		
	4/7/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/7/2004	25	<10										<10	<10			<10		<10	<10	<10				<10		
	11/15/2005	2 J	<10										<10	<10			1.5 U		<10	1.4 J	<10				<10		
	11/6/2006	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
	11/16/2007	39	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.8 J	<10	<10	<10	<10	<10	<10	<10

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Cincinnati Plant
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SAMPLE LOCATION	SAMPLE DATE	Aniline	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene	Benzo(k)fluoranthene	Benzaldehyde	1,1'-Biphenyl	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl) phthalate	4-Bromophenyl phenl ether	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloroaniline	4-Chloro-3-methylphenol	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl phenyl ether	Chrysene
Groundwater																											
UAW19-80	5/11/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
UAW19-80	11/14/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
UAW19-80 (Dup)	11/14/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/17/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
UAW19-80 (Dup)	10/17/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/13/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	3/30/2004	<10	<10										<10	<10			14		<10	<10	<10				<10		
	11/5/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
UAW19-80N	11/11/2005	<10	<10										<10	<10			1.2 U		<10	61 J	<10				<10		
UAW19-80N(DUP)	11/11/2005	<20	<20										<20	<20			1.1 J B		<20	63	<20				<20		
UAW19-80FD(DUP)	11/11/2005	<10	<10										<10	<10			1.4 U		1.6 J	47	<10				<10		
	11/8/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/14/2007	<10	<10	<10	<10	<10	<10	<10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW20-60	5/7/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/14/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
UAW20-60 (Dup)	11/14/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/19/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
UAW20-60 (Dup)	10/19/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/13/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	3/30/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/5/2004	<10	<10										<10	<10			1.2 J		<10	<10	<10				<10		
	11/11/2005	<10	10										<10	<10			0.58 U		<10	35	<10				<10		
	11/7/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/15/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW21-30	5/5/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/11/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/18/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/11/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	3/27/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/3/2004	<10	<10										<10	<10			1.2 J		<10	<10	<10				<10		
	11/9/2005	<10	<10										<10	<10			<10		<10	<10	<10				<10		
UAW21-30(DUP)	11/9/2005	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/9/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.2 J	<10	<10	<10	<10	<10	<10	<10
	11/6/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Aniline	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene	Benzo(k)fluoranthene	Benzaldehyde	1,1'-Biphenyl	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl) phthalate	4-Bromophenyl phenl ether	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloroaniline	4-Chloro-3-methylphenol	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl phenyl ether	Chrysene
Groundwater																											
UAW21-80	5/5/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/11/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/18/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/11/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	3/27/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/3/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/8/2005	<10	<10										<10	<10			1.0 J B		<10	<10	<10				<10		
	11/8/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/6/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	10	<10	<10	<10	<10	<10
UAW22-20	10/13/2001	NA	<10										<10	<10			<10		<10	2.5 J	<10				<10		
	11/13/2001	NA	<10										<10	<10			<10		2.3 J	2.6 J	<10				<10		
	10/20/2002	<50	NA										<50	NA			NA		NA	NA	NA				NA		
	11/10/2003	<20	<20										<20	<20			<20		<20	<20	<20				<20		
	3/29/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/4/2004	2.2 J	<10										<10	<10			<10		<10	2 J	<10				<10		
	11/14/2005	1.9 J	<40										<40	<40			<40		<40	5.7 J	<40				40		
	11/9/2006	1.2 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/16/2007	5.3 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW23-20	10/12/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/14/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/19/2002	<10	<10										<10	NA			NA		NA	NA	NA				<10		
	11/13/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	3/28/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/5/2004	<10	<10										<10	<10			<10		<10	0.91 J	<10				<10		
	11/14/2005	<10	<10										<10	<10			0.60 J		<10	<10	<10				<10		
	11/6/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/13/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW24-70	10/13/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/15/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/17/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/16/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	4/5/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/6/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/16/2005	<10	<10										<10	<10			0.79 U		<10	0.84 J	<10				<10		
	10/31/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/7/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Aniline	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene	Benzo(k)fluoranthene	Benzaldehyde	1,1'-Biphenyl	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl) phthalate	4-Bromophenyl phenl ether	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloroaniline	4-Chloro-3-methylphenol	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl phenyl ether	Chrysene
Groundwater																											
UAW25-20	10/13/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	11/13/2001	NA	<10										<10	<10			<10		<10	<10	<10				<10		
	10/18/2002	<10	NA										<10	NA			NA		NA	NA	NA				NA		
	11/12/2003	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	3/27/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/3/2004	1.3 J	<10										<10	<10			2.3 J B		<10	<10	<10				<10		
	11/9/2005	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/8/2006	1.9 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/8/2007	1.2 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW26-70	4/6/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/6/2004	<10	<10										<10	<10			1.7 J B		<10	<10	<10				<10		
	11/10/2005	<10	<10										<10	<10			0.99 U		<10	1.5 J	<10				<10		
	11/7/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/14/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
UAW27-50	3/31/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/5/2004	<10	<10										<10	<10			<10		<10	<10	<10				<10		
	11/11/2005	<10	<10										<10	<10			0.59 U		<10	1.7 J	<10				<10		
	11/1/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.1 J B	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	11/13/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
LAW05-150	3/16/2002	<10	<10										NA	NA			<10		<10	NA	NA				<10		
LAW05-150 (Dup)	3/16/2002	<10	<10										NA	NA			<10		<10	NA	NA				<10		
LAW05-60	3/16/2002	<10	<10										NA	NA			<10		<10	NA	NA				<10		
LAW12-60	10/13/2001	<10	<10										NA	NA			<10		<10	NA	NA				<10		
	11/16/2001	<10	<10										NA	NA			<10		<10	NA	NA				<10		
20061102CINEB-1	11/2/2006	<10	<10	<10	0.99 J	<10	<10	<10	<10	<10	<10	<10	1.3 J	<10	<10	<10	0.93 J	<10	<10	<10	<10	<10	2.7 J	<10	<10	<10	<10
20061106CINEB-1	11/6/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.6 J	<10	<10	<10	<10
20061106CINFB-1	11/6/2006	<10	<10	<10	0.72 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.6 J B	<10	<10	<10	<10	<10	1.9 J	<10	<10	<10	<10
20061108CINFB-1	11/8/2006	<10	<10	<10	1.1 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1 J	<10	<10	<10	<10	<10	1.4 J	<10	<10	<10	<10
20071107CINEB-1	11/7/2007	<10	<10	<10	0.81 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
20071107CINFB-1	11/7/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1 J B	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
20071115CINEB-2	11/15/2007	<10	<10	<10	1.6 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	0.64 J	<10	<10	<10	<10
20071115CINFB-2	11/15/2007	<10	<10	<10	1.5 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	0.81 J	<10	<10	<10	<10
French Drain Sump @ 46 hr	10/19/2002	150	NA										<50	NA			NA		NA	NA	NA				NA		
French Drain Sump @ 72 hr	10/20/2002	91 J	NA										<100	NA			NA		NA	NA	NA				NA		

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Aniline	Acenaphthene	Acenaphthylene	Acetophenone	Anthracene	Atrazine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene	Benzo(k)fluoranthene	Benzaldehyde	1,1'-Biphenyl	bis(2-Chloroethoxy)methane	bis(2-Chloroethyl)ether	bis(2-Ethylhexyl) phthalate	4-Bromophenyl phenl ether	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloroaniline	4-Chloro-3-methylphenol	2-Chloronaphthalene	2-Chlorophenol	4-Chlorophenyl phenyl ether	Chrysene
Groundwater																											
Seeps																											
SS-1 (Seep)	10/11/2001	<10	NA										<10	NA			NA		NA	NA	NA				NA		
SS-5 (Seep)	10/11/2001	<10	NA										<10	NA			NA		NA	NA	NA				NA		

Notes:
B = Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J = Estimated result; result is less than reporting limit.
# = Co-Elution of 3-Methylphenol and 4-Methylphenol.
NA indicates chemical was not on the target analyte list for that sample.
<10 = Indicates constituent not detected at or above indicated detection limit.
This table only includes target analytes detected in one or more Facility Investigation samples.

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-octyl phthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(123-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	2-Nitroaniline
Groundwater																											
MW-EPA-1	5/8/2001				<120		<120	<120								<120							<120	<120	<120	<120	
	11/15/2001				<200		<200	<200								<200							<200	<200	<200	<200	
	10/20/2002				NA		NA	NA								NA							NA	<1000	<1000	NA	
	11/12/2003				<500		<500	<500								<500							<500	500	<500	<500	
	3/28/2004				<500		<500	<500								<500							<500	500	<500	<500	
	11/4/2004				<500		<500	<500								<500							<500	<500	<500	<500	
	11/15/2005				0.96 J		<10	<10								<10							<10	<10	<10	<10	
	11/8/2006	<50	<50	<250	<50	<50	<50	<50	<50	<250	<250	<50	<50	<50	<50	<50	<50	<50	<250	<50	<50	<50	<50	<50	<50	11 J	<250
	11/19/2007	<200	<200	<1000	<200	<200	<200	<200	<200	<1000	<1000	<200	<200	<200	<200	<200	<200	<200	<1000	<200	<200	<200	<200	<200	<200	<200	<1000
MW-EPA-2	5/8/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/14/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/20/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/11/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	3/29/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/4/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/11/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/9/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/19/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
MW-EPA-3	5/6/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/13/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/17/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/13/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	3/30/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/4/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/11/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/7/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/14/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
MW-EPA-4	5/8/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/13/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/18/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/16/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	4/6/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/6/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/10/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/7/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/14/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
Recovery Well	7/29/2001				<10		<10	<10								<10							<10	<10	<10	<10	

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-octyl phthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(123-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	2-Nitroaniline
Groundwater																											
UAW01-30	5/4/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/8/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/17/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/11/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	3/24/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/3/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/8/2005				<10		<10	<10								<10							<10	<10	<10	<10	
UAW01-30(DUP)	11/8/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/1/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/8/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW01-80	5/12/2001				<10		<10	<10								<10							<0.050	<10	<10	<10	
	11/15/2001				<10		<10	<10								<10							<0.050	<10	<10	<10	
	11/19/2003				<10		<10	<10								<10							<0.050	<10	<10	<10	
	4/10/2004				<67		<67	<67								<67							<0.050	<67	<67	<10	
	11/6/2004				<10		<10	<10								<10							<0.050	<10	<10	<10	
	11/8/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/1/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	0.45 J	<50
	11/8/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW02-20	5/7/2001				<10		<10	<10								<10							<10	<10	<10	<10	
UAW02-20 (Dup)	5/7/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/10/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/17/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/12/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	3/26/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/3/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/9/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/3/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/9/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW02-40	5/13/2001				<10		<10	<10								<10							<0.050	<10	<10	<10	
	11/14/2001				<10		<10	<10								<10							<0.050	<10	<10	<10	
	10/17/2002				NA		NA	NA								NA							<0.050	<10	<10	<10	
	11/20/2003				<10		<10	<10								<10							<0.050	<10	<10	<10	
	4/12/2004				<10		<10	<10								<10							<0.050	<10	<10	<10	
	11/6/2004				<10		<10	<10								<10							<0.050	<10	<10	<10	
	11/9/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/3/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW02-40 (DUP)	11/3/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/9/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50

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Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-octyl phthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(123-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	2-Nitroaniline
Groundwater																											
UAW03-20	5/7/2001				<10		<10	<10								<10							<10	<10	7.7 J #	<10	
	11/11/2001				<20		<20	<20								<20							<20	<20	<20	<20	
	10/23/2002				NA		NA	NA								NA							NA	<67	<67	NA	
	11/12/2003				<100		<100	<100								<100							<100	<100	<100	<100	
	3/28/2004				<100		<100	<100								<100							<100	<100	<100	<100	
	11/4/2004				<67		<67	<67								<67							<67	<67	<67	<67	
UAW03-20 (Dup)	11/4/2004				<40		<40	<40								<40							<40	<40	<40	<40	
	11/9/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/6/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/13/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW04-20	5/7/2001				<40		<40	<40								<40							<40	140	150 #	<40	
	11/11/2001				<100		<100	<100								<100							<100	47 J	57 J #	<100	
	10/20/2002				NA		NA	NA								NA							NA	<120	<120	NA	
	11/12/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	3/28/2004				<50		<50	<50								<50							<50	79	<50	<50	
	11/3/2004				<50		<50	<50								<50							<50	15 J	28 J #	<50	
	11/9/2005				<10		<10	<10								<10							<10	0.86 J	1.4 J,#	<10	
	11/6/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	12	<10	<10	<50
UAW04-20 (DUP)	11/6/2006	<40	<40	<200	<40	<40	<40	<40	<40	<200	<200	<40	<40	<40	<40	<40	<40	<40	<200	<40	<40	<40	<40	9.5 J	12 J	<40	<200
UAW05-20	5/6/2001				<100		<100	<100								<100							<100	<100	<100	<100	
	10/10/2001				2.8 J		<10	<10								<10							<10	<10	<10	<10	
	11/12/2001				<100		<100	<100								<100							<100	<100	<100	<100	
	10/20/2002				NA		NA	NA								NA							NA	<200	<200	NA	
	11/10/2003				<50		<50	<50								<50							<50	<50	<50	<50	
	3/28/2004				<25		<25	<25								<25							<25	<25	<25	<25	
UAW05-20 (Dup)	3/28/2004				<40		<40	<40								<40							<40	<40	<40	<40	
	11/4/2004				<25		<25	<25								<25							<25	<25	<25	<25	
	11/14/2005				<25		<25	<25								<25							<25	<25	<25	<25	
	11/9/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	2.1 J	<50
	11/15/2007	<25	<25	<120	<25	<25	<25	<25	<25	<120	<120	<25	<25	<25	<25	<25	<25	<25	<120	<25	<25	<25	<25	<25	<25	<25	<120
UAW06-20	5/6/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/10/2001				<25		<25	<25								<25							<25	<25	<25	<25	
	11/13/2001				<25		<25	<25								5.9 J							<25	<25	5.4 J #	<25	
	10/20/2002				NA		NA	NA								NA							NA	<50	<50	NA	
	11/12/2003				<100		<100	<100								<100							<100	<100	<100	<100	
	3/29/2004				<20		<20	<20								<20							<20	<20	<20	<20	
	11/4/2004				<40		<40	<40								<40							<40	<40	<40	<40	
	11/15/2005				<10		<10	<10								0.87 J							<10	<10	<10	<10	
	11/9/2006	<50	<50	<250	<50	<50	<50	<50	<50	<250	<250	<50	<50	<50	<50	<50	<50	<50	<250	<50	<50	<50	<50	<50	<50	<50	<250
	11/15/2007	<25	<25	<120	<25	<25	<25	<25	<25	<120	<120	<25	<25	<25	<25	1.3 J	<25	<25	<120	<25	<25	<25	<25	<25	<25	<25	<120

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Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-octyl phthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(123-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	2-Nitroaniline
Groundwater																											
UAW07-20	5/8/2001				<100		<100	<100								<100							<100	<100	<100	<100	
UAW07-20 (Dup)	5/8/2001				<25		<25	<25								<25							<25	<25	<25	<25	
	11/15/2001				<40		<40	<40								<40							<40	<40	<40	<40	
	10/20/2002				NA		NA	NA								NA							NA	<40	<40	NA	
	11/12/2003				<50		<50	<50								<50							<50	<50	<50	<50	
UAW07-20 (Dup)	11/12/2003				<40		<40	<40								<40							<40	<40	<40	<40	
	4/5/2004				<100		<100	<100								<100							<100	<100	<100	<100	
	11/4/2004				<100		<100	<100								<100							<100	<100	<100	<100	
	11/15/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/6/2006	< 100	< 100	< 500	< 100	< 100	< 100	< 100	< 100	< 500	< 500	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 500	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 500
	11/15/2007	< 50	< 50	< 250	< 50	< 50	< 50	< 50	< 50	< 250	< 250	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 250	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 250
UAW08-20	5/6/2001				<1700		<1700	<1700								<1700							<1700	<1700	<1700	<1700	
	11/13/2001				<1300		<1300	<1300								<1300							<1300	<1300	330 J #	<1300	
	10/20/2002				NA		NA	NA								NA							NA	<1000	200 J	NA	
	11/10/2003				<2500		<2500	<2500								<2500							<2500	<2500	<2500	<2500	
	3/29/2004				<4000		<4000	<4000								<4000							<4000	<4000	<4000	<4000	
	11/4/2004				<2000		<2000	<2000								<2000							<2000	<2000	<2000	<2000	
	11/15/2005				<1000		<1000	<1000								<1000							<1000	<1000	140 J,#	<1000	
	11/9/2006	< 800	< 800	< 4000	< 800	< 800	< 800	< 800	< 800	< 4000	< 4000	< 800	< 800	< 800	< 800	< 800	< 800	< 800	< 4000	< 800	< 800	< 800	< 800	< 800	< 800	< 800	< 4000
	11/7/2007	< 2000	< 2000	< 10000	< 2000	< 2000	< 2000	< 2000	< 2000	< 10000	< 10000	< 2000	< 2000	< 2000	< 2000	< 2000	2000	< 2000	< 10000	< 2000	< 2000	< 2000	< 2000	< 2000	< 2000	< 2000	< 10000
UAW09-20	5/5/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/14/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/16/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/11/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	4/6/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/6/2004				<10		<10	<10								<10							<10	<10	<10	<10	
UAW09-20(DUP)	11/15/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/10/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/3/2006	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 50	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50
	11/15/2007	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 50	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50
UAW09-60	5/11/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/9/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/16/2002				NA		NA	NA								NA							NA	<10	<10	<10	
	11/24/2003				<10		<10	<10								<10							<10	<10	<10	<10	
UAW09-60(DUP)	11/24/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	11/6/2004				<10		<10	<10								<10							NA	<10	<10	<10	
	11/10/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/3/2006	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 50	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50
UAW09-60 dup	11/15/2007	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 50	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50
	11/15/2007	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 50	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50

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Cincinnati Plant
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SAMPLE LOCATION	SAMPLE DATE	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-octyl phthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(123-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	2-Nitroaniline
Groundwater																											
UAW10-50	10/12/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/13/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/19/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/24/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	4/8/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/12/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/11/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/9/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW10-50 dup	11/12/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/12/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW10-80	10/18/2001				<10		<10	1.5 J								<10							<10	<10	<10	<10	
	11/15/2001				<10		<10	1.2 J								<10							<10	<10	<10	<10	
	10/19/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/25/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	4/8/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/12/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/16/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/9/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/12/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW11-10	5/8/2001				<500		<500	<500								<500							<500	<500	<500	<500	
	11/10/2001				<25		<25	<25								<25							<25	<25	9 J #	<25	
	10/18/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/16/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	4/6/2004				<40		<40	<40								<40							<40	<40	<40	<40	
	11/7/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/10/2005				<100		<100	<100								<100							<100	<100	<100	<100	
	11/2/2006	<67	<67	330	<67	<67	<67	<67	<67	<330	<330	<67	<67	<67	<67	<67	67	<67	<330	<67	<67	<67	<67	<67	<67	<67	<330
	11/16/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	1.6 J	<10	<50
UAW11-40	5/18/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/14/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/18/2002				NA		NA	NA								NA							<10	<10	<10	<10	
	11/30/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	4/6/2004				<10		<10	<10								<10							<10	<10	<10	<10	
UAW11-40 (Dup)	4/6/2004				<10		<10	<10								<10							NA	<10	<10	NA	
	11/16/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/10/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/2/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/16/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-octyl phthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(123-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	2-Nitroaniline
Groundwater																											
UAW12-20	5/6/2001				<250		<250	<250								<250							<250	<250	<250	<250	
	11/15/2001				<200		<200	<200								<200							<200	<200	<200	<200	
	10/20/2002				NA		NA	NA								NA							NA	<500	<500	NA	
	11/12/2003				<500		<500	<500								<500							<500	<500	<500	<500	
	3/28/2004				<500		<500	<500								<500							<500	<500	<500	<500	
	11/4/2004				<400		<400	<400								<400							<400	<400	<400	<400	
	11/14/2005				<40		<40	<40								<40							<40	<40	<40	<40	
	11/6/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	3.5 J	<50
	11/16/2007	<67	<67	<330	<67	<67	<67	<67	<67	<330	<330	<67	<67	<67	<67	<67	<67	<67	<330	<67	<67	<67	<67	<67	<67	<67	<330
UAW13-20	5/6/2001				<200		<200	<200								<200							<200	<200	<200	<200	
	11/15/2001				<200		<200	<200								<200							<200	<200	<200	<200	
	10/23/2002				NA		NA	NA								NA							NA	<250	<250	NA	
	11/12/2003				<100		<100	<100								<100							<100	<100	<100	<100	
	3/28/2004				<250		<250	<250								<250							<250	<250	<250	<250	
	11/5/2004				<100		<100	<100								<100							8.6J	<100	<100	<100	
	11/16/2005				<50		<50	<50								<50							6.5 J	<50	<50	2.6 J	
	10/31/2006	<50	<50	<250	<50	<50	<50	<50	<50	<250	<250	<50	<50	<50	<50	<50	<50	<50	<250	<50	<50	<50	5.7 J	<50	<50	<50	<250
	11/16/2007	<25	<25	<120	<25	<25	<25	<25	<25	<120	<120	<25	<25	<25	<25	<25	<25	<25	<120	<25	<25	<25	5.4 J	<25	<25	2.5 J	<120
UAW14-10	5/5/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/9/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/16/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/16/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	4/5/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/6/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/16/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/8/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/7/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW15-20	5/6/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/11/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/18/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/17/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	4/7/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/7/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/15/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/2/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/19/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-octyl phthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(123-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	2-Nitroaniline
Groundwater																											
UAW15-50	5/6/2001				<200		<200	<200								<200							<200	<200	<200	<200	
	11/19/2001				<500		<500	<500								<500							<500	<500	110 J #	<500	
	10/18/2002				NA		NA	NA								NA							<500	<500	<500	<500	
	12/4/2003				<200		<200	<200								<200							<200	<200	<200	<200	
	4/7/2004				<100		<100	<100								<100							<100	<100	<100	<100	
	11/7/2004				<100		<100	<100								<100							<100	<100	11 J #	<100	
UAW15-50 (Dup)	11/7/2004				<100		<100	<100								<100							NA	<100	12 J #	NA	
	11/15/2005				<200		<200	<200								<200							<200	<200	8.2 J #	<200	
	11/2/2006	<100	<100	<500	<100	<100	<100	<100	<100	<500	<500	<100	<100	<100	<100	<100	<100	<100	<500	<100	<100	<100	<100	<100	<100	<100	<500
	11/19/2007	<40	<40	<200	<40	<40	<40	<40	<40	<200	<200	<40	<40	<40	<40	<40	<40	<40	<200	<40	<40	<40	<40	<40	<40	<40	<200
UAW16-10	10/12/2001				<10		<10	<10								<10							<10	<10	2.4 J #	<10	
UAW16-10 (Dup)	10/12/2001				<10		<10	<10								<10							<10	<10	3.4 J #	<10	
	11/13/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/18/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/16/2003				<10		<10	<10								<10							<10	<10	<10	<10	
UAW16-10 (Dup)	11/17/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	4/7/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/7/2004				<40		<40	<40								<40							<40	<40	<40	<40	
	11/15/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/6/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/19/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW17-40	5/5/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/9/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/16/2002				NA		NA	NA								NA							<10	<10	<10	<10	
	11/16/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	3/31/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/6/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/14/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	10/31/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/19/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW18-20	10/12/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/13/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/18/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/16/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	4/7/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/7/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/15/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/6/2006	<40	<40	<200	<40	<40	<40	<40	<40	<200	<200	<40	<40	<40	<40	<40	<40	<40	<200	<40	<40	<40	<40	<40	<40	<40	<200
	11/16/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50

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Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-octyl phthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(123-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	2-Nitroaniline
Groundwater																											
UAW19-80	5/11/2001				<10		<10	<10								<10							<10	<10	<10	<10	
UAW19-80	11/14/2001				<10		<10	<10								<10							<10	<10	<10	<10	
UAW19-80 (Dup)	11/14/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/17/2002				NA		NA	NA								NA							NA	<10	<10	NA	
UAW19-80 (Dup)	10/17/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/13/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	3/30/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/5/2004				<10		<10	<10								<10							<10	<10	<10	<10	
UAW19-80N	11/11/2005				<10		<10	<10								<10							<10	<10	<10	<10	
UAW19-80N(DUP)	11/11/2005				<20		<20	<20								<20							<20	<20	<20	<20	
UAW19-80FD(DUP)	11/11/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/8/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/14/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW20-60	5/7/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/14/2001				<10		<10	<10								<10							<10	<10	<10	<10	
UAW20-60 (Dup)	11/14/2001				<10		<10	<10								<10							<10	<10	<10	NA	
	10/19/2002				NA		NA	NA								NA							<10	<10	<10	<10	
UAW20-60 (Dup)	10/19/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/13/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	3/30/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/5/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/11/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/7/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/15/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW21-30	5/5/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/11/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/18/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/11/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	3/27/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/3/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/9/2005				<10		<10	<10								<10							<10	<10	<10	<10	
UAW21-30(DUP)	11/9/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/9/2006	<10	<10	<50	<10	<10	<10	<10	0.62 J	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/6/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50

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Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-octyl phthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(123-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	2-Nitroaniline
Groundwater																											
UAW21-80	5/5/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/11/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/18/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/11/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	3/27/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/3/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/8/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/8/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/6/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW22-20	10/13/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/13/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/20/2002				NA		NA	NA								NA							NA	<50	<50	NA	
	11/10/2003				<20		<20	<20								<20							<20	<20	<20	<20	
	3/29/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/4/2004				<10		<10	<10								<10							<10	<10	<10	0.89 J	
	11/14/2005				<40		<40	<40								<40							<40	<40	<40	<40	
	11/9/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/16/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	1.2 J	<10	<50
UAW23-20	10/12/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/14/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/19/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/13/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	3/28/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/5/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/14/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/6/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/13/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW24-70	10/13/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/15/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/17/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/16/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	4/5/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/6/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/16/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	10/31/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/7/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-octyl phthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(123-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	2-Nitroaniline
Groundwater																											
UAW25-20	10/13/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	11/13/2001				<10		<10	<10								<10							<10	<10	<10	<10	
	10/18/2002				NA		NA	NA								NA							NA	<10	<10	NA	
	11/12/2003				<10		<10	<10								<10							<10	<10	<10	<10	
	3/27/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/3/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/9/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/8/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/8/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW26-70	4/6/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/6/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/10/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/7/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/14/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
UAW27-50	3/31/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/5/2004				<10		<10	<10								<10							<10	<10	<10	<10	
	11/11/2005				<10		<10	<10								<10							<10	<10	<10	<10	
	11/1/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
	11/13/2007	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
LAW05-150	3/16/2002				<10		<10	<10								<10							<10	<10	<10	<10	
LAW05-150 (Dup)	3/16/2002				<10		<10	<10								<10							<10	<10	<10	<10	
LAW05-60	3/16/2002				<10		<10	<10								<10							<10	<10	<10	<10	
LAW12-60	10/13/2001				<10		1.6 J B	<10								<10							<10	<10	<10	<10	
	11/16/2001				<10		<10	<10								<10							<10	<10	<10	<10	
20061102CINEB-1	11/2/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
20061106CINEB-1	11/6/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
20061106CINFB-1	11/6/2006	<10	<10	<50	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
20061108CINFB-1	11/8/2006	<10	<10	<50	<10	0.74 J	<10	<10	<10	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
20071107CINEB-1	11/7/2007	<10	<10	<50	<10	<10	<10	<10	0.76 J	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
20071107CINFB-1	11/7/2007	<10	<10	<50	<10	<10	<10	<10	0.81 J	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
20071115CINEB-2	11/15/2007	<10	<10	<50	<10	<10	<10	<10	1.4 J	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
20071115CINFB-2	11/15/2007	<10	<10	<50	<10	<10	<10	<10	0.95 J	<50	<50	<10	<10	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<50
French Drain Sump @ 46 hr	10/19/2002				NA		NA	NA								NA							NA	<50	<50	NA	
French Drain Sump @ 72 hr	10/20/2002				NA		NA	NA								NA							NA	<100	<100	NA	

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	Dibenz(a,h)anthracene	Dibenzofuran	3,3'-Dichlorobenzidine	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	4,6-Dinitro-2-methylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-octyl phthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(123-cd)pyrene	Isophorone	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	2-Nitroaniline
Groundwater																											
Seeps																											
SS-1 (Seep)	10/11/2001				NA		NA	NA								NA							NA	<10	<10	NA	
SS-5 (Seep)	10/11/2001				NA		NA	NA								NA							NA	<10	<10	NA	

Notes:
B = Method blank contamination. The associated meth
J = Estimated result; result is less than reporting limit.
# = Co-Elution of 3-Methylphenol and 4-Methylphenol.
NA indicates chemical was not on the target analyte list
<10 = Indicates constituent not detected at or above ind
This table only includes target analytes detected in one

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	N-Nitrosodi-n-propyl-amine	N-Nitrosodiphenylamine	2,2'-oxybis(1-Chloropropane	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane
Groundwater																				
MW-EPA-1	5/8/2001											<120				<120	940	<120	160	NA
	11/15/2001											<200				<200	1700	35 J	260	NA
	10/20/2002											NA				NA	1900	NA	300 J	NA
	11/12/2003											<500				<500	1700	<500	<500	NA
	3/28/2004											<500				<500	1300	<500	<500	NA
	11/4/2004											<500				<500	1100	35 J	250 J	NA
	11/15/2005											<10				<56	1000	33 J	220	NA
	11/8/2006	<250	<250	<50	<50	<250	<50	<50	<50	<50	<50	<50	<50	<50	<50	NA	NA	NA	NA	NA
	11/19/2007	<1000	<1000	<200	<200	<1000	<200	<200	<200	<200	<200	<200	<200	<200	<200	NA	NA	NA	NA	NA
MW-EPA-2	5/8/2001											<10				<10	<10	<10	<10	NA
	11/14/2001											<10				<10	<10	<10	<10	NA
	10/20/2002											NA				NA	<10	NA	<10	NA
	11/11/2003											<10				<10	<10	<10	<10	NA
	3/29/2004											<10				<10	<10	<10	<10	NA
	11/4/2004											<10				<10	<10	<10	<10	NA
	11/11/2005											<10				<2	<2	<2	<2	NA
	11/9/2006	<50	<50	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
	11/19/2007	<50	<50	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
MW-EPA-3	5/6/2001											<10				<10	<10	<10	<10	NA
	11/13/2001											<10				<10	<10	<10	<10	NA
	10/17/2002											NA				NA	<10	NA	<10	NA
	11/13/2003											<10				<10	<10	<10	<10	NA
	3/30/2004											<10				<10	<10	<10	<10	NA
	11/4/2004											<10				<1	<1	<1	<1	NA
	11/11/2005											<10				<1	<1	<1	<1	NA
	11/7/2006	<50	<50	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
	11/14/2007	<50	<50	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
MW-EPA-4	5/8/2001											<10				<10	<10	<10	<10	NA
	11/13/2001											<10				<10	<10	<10	<10	NA
	10/18/2002											NA				NA	<10	NA	<10	NA
	11/16/2003											<10				<10	<10	<10	<10	NA
	4/6/2004											<10				<10	<10	<10	<10	NA
	11/6/2004											<10				<10	<10	<10	<10	NA
	11/10/2005											<10				<1	<1	<1	<1	NA
	11/7/2006	<50	<50	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
	11/14/2007	<50	<50	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
Recovery Well	7/29/2001											<10				<10	2.4 J	<10	<10	<10

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	N-Nitrosodi-n-propyl-amine	N-Nitrosodiphenylamine	2,2'-oxybis(1-Chloropropane	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane
Groundwater																				
UAW01-30	5/4/2001											<10				<10	<10	<10	<10	NA
	11/8/2001											<10				<10	<10	<10	<10	NA
	10/17/2002											NA				NA	<10	NA	<10	NA
	11/11/2003											<10				<10	<10	<10	<10	NA
	3/24/2004											<10				<10	<10	<10	<10	NA
	11/3/2004											<10				<10	<10	<10	<10	NA
	11/8/2005											<10				<1	<1	<1	<1	NA
UAW01-30(DUP)	11/8/2005											<10				NA	NA	NA	NA	NA
	11/1/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/8/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW01-80	5/12/2001											<10				<10	<10	<10	<10	NA
	11/15/2001											<10				<10	<10	<10	<10	NA
	11/19/2003											<10				<10	<10	<10	<10	NA
	4/10/2004											<67				<67	<67	<67	<67	NA
	11/6/2004											<10				<10	<10	<10	<10	NA
	11/8/2005											<10				<1	<1	<1	<1	NA
	11/1/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/8/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW02-20	5/7/2001											<10				<10	12	<10	3.7 J	NA
UAW02-20 (Dup)	5/7/2001											<10				<10	11	<10	3.5 J	NA
	11/10/2001											<10				<10	12	<10	4.1 J	NA
	10/17/2002											NA				NA	5.1 J	NA	1.7 J	NA
	11/12/2003											<10				<10	<10	<10	<10	NA
	3/26/2004											<10				<10	<10	<10	<10	NA
	11/3/2004											<10				<10	10	<10	3.8 J	NA
	11/9/2005											<10				<1	15	0.61 J	6.1	NA
	11/3/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/9/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	1.6 J	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW02-40	5/13/2001											<10				<10	<10	<10	<10	NA
	11/14/2001											<10				<10	<10	<10	<10	NA
	10/17/2002											NA				NA	<10	NA	<10	NA
	11/20/2003											<10				<10	<10	<10	<10	NA
	4/12/2004											<10				<10	<10	<10	<10	NA
	11/6/2004											<10				<10	<10	<10	<10	NA
	11/9/2005											<10				<1.7	<1.7	<1.7	<1.7	NA
	11/3/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW02-40 (DUP)	11/3/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/9/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	N-Nitrosodi-n-propyl-amine	N-Nitrosodiphenylamine	2,2'-oxybis(1-Chloropropane	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane
Groundwater																				
UAW03-20	5/7/2001											<10				<10	19	<10	3.3 J	NA
	11/11/2001											<20				<20	140	3.5 J	19 J	NA
	10/23/2002											NA				NA	190	NA	27 J	NA
	11/12/2003											<100				<100	190	<100	<100	NA
	3/28/2004											<100				<100	360	<100	<100	NA
	11/4/2004											<67				<67	220	5 J	36 J	NA
UAW03-20 (Dup)	11/4/2004											<40				<40	160	4 J	26 J	NA
	11/9/2005											<10				<4	150	3.5 J	20	NA
	11/6/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/13/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW04-20	5/7/2001											<40				<40	<40	<40	<40	NA
	11/11/2001											<100				<100	<100	<100	<100	NA
	10/20/2002											NA				NA	<120	NA	<120	NA
	11/12/2003											<10				<10	<10	<10	<10	NA
	3/28/2004											<50				<50	<50	<50	<50	NA
	11/3/2004											<50				<50	3.8 J	<50	<50	NA
	11/9/2005											<10				<10	<10	<10	<10	NA
	11/6/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW04-20 (DUP)	11/6/2006	< 200	< 200	< 40	< 40	< 200	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	NA	NA	NA	NA	NA
UAW05-20	5/6/2001											<100				<100	880	<100	120	NA
	10/10/2001											<10				2.4 J	NA	20	NA	NA
	11/12/2001											<100				<100	590	16 J	82 J	NA
	10/20/2002											NA				NA	540	NA	82 J	NA
	11/10/2003											<50				<50	200	<50	63	NA
	3/28/2004											<25				<25	91	<25	44	NA
UAW05-20 (Dup)	3/28/2004											<40				<40	95	<40	47	NA
	11/4/2004											<25				<25	90	7.3 J	52	NA
	11/14/2005											1.9 J				<20	100	9.4 J	71	NA
	11/9/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/15/2007	< 120	< 120	< 25	25	< 120	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	NA	NA	NA	NA	NA
UAW06-20	5/6/2001											<10				<10	14	<10	<10	NA
	10/10/2001											<25				<25	16 J	<25	<25	NA
	11/13/2001											<25				<25	25	<25	4 J	NA
	10/20/2002											NA				NA	18 J	NA	<50	NA
	11/12/2003											<100				<100	<100	<100	<100	NA
	3/29/2004											<20				<20	41	<20	<20	NA
	11/4/2004											<40				<40	52	<40	5.1 J	NA
	11/15/2005											<10				<3.3	100	1.7 J	10	NA
	11/9/2006	< 250	< 250	< 50	< 50	< 250	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	NA	NA	NA	NA	NA
	11/15/2007	< 120	< 120	< 25	< 25	< 120	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	NA	NA	NA	NA	NA

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	N-Nitrosodi-n-propyl-amine	N-Nitrosodiphenylamine	2,2'-oxybis(1-Chloropropane	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane
Groundwater																				
UAW07-20	5/8/2001											<100				<100	37 J	<100	<100	<100
UAW07-20 (Dup)	5/8/2001											<25				<25	34	<25	<25	<25
	11/15/2001											<40				<40	57	<40	8 J	<40
	10/20/2002											NA				NA	61	NA	7.2 J	NA
	11/12/2003											<50				<50	100	<50	<50	NA
UAW07-20 (Dup)	11/12/2003											<40				<40	83	<40	<40	NA
	4/5/2004											<100				<100	<100	<100	<100	NA
	11/4/2004											<100				<100	100	<100	12 J	NA
	11/15/2005											<10				<8.3	180	1.7 J	17	NA
	11/6/2006	< 500	< 500	< 100	< 100	< 500	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA
	11/15/2007	< 250	< 250	< 50	< 50	< 250	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	NA	NA	NA	NA	NA
UAW08-20	5/6/2001											<1700				<1700	<1700	<1700	<1700	<1700
	11/13/2001											<1300				<1300	530 J	<1300	<1300	<1300
	10/20/2002											NA				NA	280 J	NA	<1000	NA
	11/10/2003											<2500				<2500	<2500	<2500	<2500	NA
	3/29/2004											<4000				<4000	<4000	<4000	<4000	NA
	11/4/2004											160 J				<2000	380 J	<2000	<2000	NA
	11/15/2005											92 J				<25	380	7.6 J	41	NA
	11/9/2006	< 4000	< 4000	< 800	< 800	< 4000	< 800	< 800	< 800	< 800	< 800	< 800	< 800	< 800	< 800	NA	NA	NA	NA	NA
	11/7/2007	< 10000	< 10000	< 2000	< 2000	< 10000	< 2000	< 2000	< 2000	< 2000	< 2000	< 2000	< 2000	< 2000	< 2000	NA	NA	NA	NA	NA
UAW09-20	5/5/2001											<10				<10	<10	<10	<10	NA
	11/14/2001											<10				<10	<10	<10	<10	NA
	10/16/2002											NA				NA	<10	NA	<10	NA
	11/11/2003											<10				<10	<10	<10	<10	NA
	4/6/2004											<10				<10	<10	<10	<10	NA
	11/6/2004											<10				<10	<10	<10	<10	NA
UAW09-20(DUP)	11/15/2005											<10				<1	<1	<1	<1	NA
	11/10/2005											<10				<1	<1	<1	<1	NA
	11/3/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/15/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW09-60	5/11/2001											<10				<10	<10	<10	<10	NA
	11/9/2001											<10				<10	<10	<10	<10	NA
	10/16/2002											NA				NA	<10	NA	<10	NA
	11/24/2003											<10				<10	<10	<10	<10	NA
UAW09-60(DUP)	11/24/2003											<10				<10	<10	<10	<10	NA
	11/6/2004											<10				<10	<10	<10	<10	NA
	11/10/2005											<10				<1	<1	<1	<1	NA
	11/3/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW09-60 dup	11/15/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/15/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	N-Nitrosodi-n-propyl-amine	N-Nitrosodiphenylamine	2,2'-oxybis(1-Chloropropane	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane
Groundwater																				
UAW10-50	10/12/2001											<10				<10	<10	<10	<10	NA
	11/13/2001											<10				<10	5 J	<10	2.3 J	NA
	10/19/2002											NA				NA	<10	NA	<10	NA
	11/24/2003											<10				<10	<10	<10	<10	NA
	4/8/2004											<10				<10	<10	<10	<10	NA
	11/12/2004											<10				<10	<10	<10	<10	NA
	11/11/2005											<10				<5	<5	<5	<5	NA
	11/9/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW10-50 dup	11/12/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/12/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW10-80	10/18/2001											19				<10	<10	<10	<10	NA
	11/15/2001											<10				<10	<10	<10	<10	NA
	10/19/2002											NA				NA	<10	NA	<10	NA
	11/25/2003											<10				<10	<10	<10	<10	NA
	4/8/2004											<10				<10	<10	<10	<10	NA
	11/12/2004											<10				<10	<10	<10	<10	NA
	11/16/2005											<10				<2.5	<2.5	<2.5	<2.5	NA
	11/9/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/12/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW11-10	5/8/2001											<500				<500	<500	<500	<500	NA
	11/10/2001											<25				<25	13 J	<25	3.7 J	NA
	10/18/2002											NA				NA	9.1 J	NA	3 J	NA
	11/16/2003											<10				<10	10	<10	10	NA
	4/6/2004											<40				<40	<40	<40	<40	NA
	11/7/2004											<10				<10	8.9 J	<10	3.7 J	NA
	11/10/2005											<100				<1	20	1.1	8.6	NA
	11/2/2006	< 330	< 330	< 67	< 67	< 330	< 67	< 67	< 67	67	< 67	< 67	< 67	< 67	< 67	NA	NA	NA	NA	NA
	11/16/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW11-40	5/18/2001											<10				<10	<10	<10	<10	NA
	11/14/2001											<10				<10	<10	<10	<10	NA
	10/18/2002											NA				NA	<10	NA	<10	NA
	11/30/2003											<10				<10	<10	<10	<10	NA
	4/6/2004											<10				<10	<10	<10	<10	NA
UAW11-40 (Dup)	4/6/2004											<10				<10	<10	<10	<10	NA
	11/16/2004											<10				<10	<10	<10	<10	NA
	11/10/2005											<10				<1	0.52 J	<1	<1	NA
	11/2/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/16/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	N-Nitrosodi-n-propyl-amine	N-Nitrosodiphenylamine	2,2'-oxybis(1-Chloropropane	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane
Groundwater																				
UAW12-20	5/6/2001											<250				<250	1600	<250	150 J	<250
	11/15/2001											<200				<200	1900	41 J	230	<200
	10/20/2002											NA				NA	1100	NA	130 J	NA
	11/12/2003											<500				<500	1600	<500	<500	NA
	3/28/2004											<500				<500	1500	<500	<500	NA
	11/4/2004											<400				<400	1100	35 J	180 J	NA
	11/14/2005											<40				<100	1100	46 J	220	NA
	11/6/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/16/2007	< 330	< 330	< 67	< 67	< 330	< 67	< 67	< 67	< 67	< 67	< 67	< 67	< 67	< 67	NA	NA	NA	NA	NA
UAW13-20	5/6/2001											<200				<200	<200	<200	<200	<200
	11/15/2001											<200				<200	49 J	<200	<200	<200
	10/23/2002											NA				NA	55 J	NA	<250	NA
	11/12/2003											<100				<100	<100	<100	<100	NA
	3/28/2004											<250				<250	<250	<250	<250	NA
	11/5/2004											<100				<100	53 J	<100	11 J	NA
	11/16/2005											<50				<10	66	<10	11	NA
	10/31/2006	< 250	< 250	< 50	< 50	< 250	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	NA	NA	NA	NA	NA
	11/16/2007	< 120	< 120	< 25	< 25	< 120	< 25	< 25	< 25	3.3 J	< 25	< 25	< 25	< 25	< 25	NA	NA	NA	NA	NA
UAW14-10	5/5/2001											<10				<10	<10	<10	<10	NA
	11/9/2001											<10				<10	<10	<10	<10	NA
	10/16/2002											NA				NA	<10	NA	<10	NA
	11/16/2003											<10				<10	<10	<10	<10	NA
	4/5/2004											<10				<10	<10	<10	<10	NA
	11/6/2004											<10				<10	<10	<10	<10	NA
	11/16/2005											<10				<1	<1	<1	<1	NA
	11/8/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/7/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW15-20	5/6/2001											<10				<10	<10	<10	<10	NA
	11/11/2001											<10				<10	<10	<10	<10	NA
	10/18/2002											NA				NA	<10	NA	<10	NA
	11/17/2003											<10				<10	<10	<10	<10	NA
	4/7/2004											<10				<10	<10	<10	<10	NA
	11/7/2004											<10				<10	<10	<10	<10	NA
	11/15/2005											<10				<5	<5	<5	<5	NA
	11/2/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/19/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	N-Nitrosodi-n-propyl-amine	N-Nitrosodiphenylamine	2,2'-oxybis(1-Chloropropane	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane
Groundwater																				
UAW15-50	5/6/2001											<200				<200	<200	<200	<200	NA
	11/19/2001											<500				<500	<500	<500	<500	NA
	10/18/2002											NA				NA	<500	NA	<500	NA
	12/4/2003											<200				<200	<200	<200	<200	NA
	4/7/2004											<100				<100	<100	<100	<100	NA
	11/7/2004											<100				<100	<100	<100	<100	NA
UAW15-50 (Dup)	11/7/2004											<100				<100	<100	<100	<100	NA
	11/15/2005											<200				<3.3	<3.3	<3.3	<3.3	NA
	11/2/2006	< 500	< 500	< 100	< 100	< 500	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA
	11/19/2007	< 200	< 200	< 40	< 40	< 200	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	NA	NA	NA	NA	NA
UAW16-10	10/12/2001											<10				<10	6.9 J	<10	12	NA
UAW16-10 (Dup)	10/12/2001											<10				<10	6.2 J	<10	11	NA
	11/13/2001											<10				<10	7.5 J	<10	10	NA
	10/18/2002											NA				NA	7 J	NA	8.3 J	NA
	11/16/2003											<10				<10	<10	<10	<10	NA
UAW16-10 (Dup)	11/17/2003											<10				<10	<10	<10	<10	NA
	4/7/2004											<10				<10	<10	<10	<10	NA
	11/7/2004											<40				<40	7.5 J	<40	6.5 J	NA
	11/15/2005											<10				<1	14	0.97 J	7.9	NA
	11/6/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/19/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW17-40	5/5/2001											<10				<10	<10	<10	<10	NA
	11/9/2001											<10				<10	<10	<10	<10	NA
	10/16/2002											<10				<10	<10	NA	<10	NA
	11/16/2003											<10				<10	<10	<10	<10	NA
	3/31/2004											<10				<10	<10	<10	<10	NA
	11/6/2004											<10				<10	<10	<10	<10	NA
	11/14/2005											<10				<1	<1	<1	<1	NA
	10/31/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/19/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW18-20	10/12/2001											<10				<10	5.7 J	<10	2.8 J	NA
	11/13/2001											<10				<10	<10	<10	<10	NA
	10/18/2002											NA				NA	3 J	NA	1.8 J	NA
	11/16/2003											<10				<10	<10	<10	<10	NA
	4/7/2004											<10				<10	<10	<10	<10	NA
	11/7/2004											<10				<10	2.3 J	<10	1.3 J	NA
	11/15/2005											<10				<1	0.39 J	<1	0.24 J	NA
	11/6/2006	< 200	< 200	< 40	< 40	< 200	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	NA	NA	NA	NA	NA
	11/16/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA

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Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	N-Nitrosodi-n-propyl-amine	N-Nitrosodiphenylamine	2,2'-oxybis(1-Chloropropane	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane
Groundwater																				
UAW19-80	5/11/2001											<10				<10	<10	<10	<10	NA
UAW19-80	11/14/2001											<10				<10	<10	<10	<10	NA
UAW19-80 (Dup)	11/14/2001											<10				<10	<10	<10	<10	NA
	10/17/2002											NA				NA	<10	NA	<10	NA
UAW19-80 (Dup)	10/17/2002											NA				NA	<10	NA	<10	NA
	11/13/2003											<10				<10	<10	<10	<10	NA
	3/30/2004											<10				<10	<10	<10	<10	NA
	11/5/2004											<10				<10	<10	<10	<10	NA
UAW19-80N	11/11/2005											<10				<1	<1	<1	<1	NA
UAW19-80N(DUP)	11/11/2005											<20				<1	<1	<1	<1	NA
UAW19-80FD(DUP)	11/11/2005											<10				<1	<1	<1	<1	NA
	11/8/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/14/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW20-60	5/7/2001											<10				<10	<10	<10	<10	NA
	11/14/2001											<10				<10	<10	<10	<10	NA
UAW20-60 (Dup)	11/14/2001											<10				<10	<10	<10	<10	NA
	10/19/2002											NA				NA	<10	NA	<10	NA
UAW20-60 (Dup)	10/19/2002											NA				NA	<10	NA	<10	NA
	11/13/2003											<10				<10	<10	<10	<10	NA
	3/30/2004											<10				<10	<10	<10	<10	NA
	11/5/2004											<10				<10	<10	<10	<10	NA
	11/11/2005											<10				<50	<50	<50	<50	NA
	11/7/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/15/2007	50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW21-30	5/5/2001											<10				<10	<10	<10	<10	NA
	11/11/2001											<10				<10	<10	<10	<10	NA
	10/18/2002											NA				NA	<10	NA	<10	NA
	11/11/2003											<10				<10	<10	<10	<10	NA
	3/27/2004											<10				<10	<10	<10	<10	NA
	11/3/2004											<10				<10	<10	<10	<10	NA
	11/9/2005											<10				<1	<1	<1	<1	NA
UAW21-30(DUP)	11/9/2005											<10				NA	NA	NA	NA	NA
	11/9/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/6/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA

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Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	N-Nitrosodi-n-propyl-amine	N-Nitrosodiphenylamine	2,2'-oxybis(1-Chloropropane	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane
Groundwater																				
UAW21-80	5/5/2001											<10				<10	<10	<10	<10	NA
	11/11/2001											<10				<10	<10	<10	<10	NA
	10/18/2002											NA				NA	<10	NA	<10	NA
	11/11/2003											<10				<10	<10	<10	<10	NA
	3/27/2004											<10				<10	<10	<10	<10	NA
	11/3/2004											<10				<10	<10	<10	<10	NA
	11/8/2005											<10				<1	<1	<1	<1	NA
	11/8/2006	<50	<50	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
	11/6/2007	<50	<50	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
UAW22-20	10/13/2001											<10				<10	70	1.6 J	9.7 J	NA
	11/13/2001											<10				<10	78	1.7 J	9.9 J	NA
	10/20/2002											NA				NA	60	NA	10 J	NA
	11/10/2003											<20				<20	44	<20	<20	NA
	3/29/2004											<10				<10	31	<10	<10	NA
	11/4/2004											<10				<10	34	0.88 J	6.8 J	NA
	11/14/2005											<40				<2	74	1.4 J	8.7	NA
	11/9/2006	<50	<50	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
	11/16/2007	<50	<50	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
UAW23-20	10/12/2001											<10				<10	<10	<10	<10	NA
	11/14/2001											<10				<10	<10	<10	<10	NA
	10/19/2002											<10				<10	<10	NA	<10	NA
	11/13/2003											<10				<10	<10	<10	<10	NA
	3/28/2004											<10				<10	<10	<10	<10	NA
	11/5/2004											<10				<10	<10	<10	<10	NA
	11/14/2005											<10				<1.4	<1.4	<1.4	<1.4	NA
	11/6/2006	<50	<50	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
	11/13/2007	<50	<50	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
UAW24-70	10/13/2001											<10				<10	<10	<10	<10	NA
	11/15/2001											<10				<10	<10	<10	<10	NA
	10/17/2002											NA				NA	<10	NA	<10	NA
	11/16/2003											<10				<10	<10	<10	<10	NA
	4/5/2004											<10				<10	<10	<10	<10	NA
	11/6/2004											<10				<10	<10	<10	<10	NA
	11/16/2005											<10				<1	<1	<1	<1	NA
	10/31/2006	<50	<50	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
	11/7/2007	<50	<50	<10	<10	<50	<10	<10	<10	1.7 J	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	N-Nitrosodi-n-propyl-amine	N-Nitrosodiphenylamine	2,2'-oxybis(1-Chloropropane	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane
Groundwater																				
UAW25-20	10/13/2001											<10				<10	11	<10	3 J	NA
	11/13/2001											<10				<10	11	<10	3.2 J	NA
	10/18/2002											NA				NA	5.6 J	NA	1.7 J	NA
	11/12/2003											<10				<10	<10	<10	<10	NA
	3/27/2004											<10				<10	<10	<10	<10	NA
	11/3/2004											<10				<10	6.4 J	<10	2.4 J	NA
	11/9/2005											<10				<1	10	0.42 J	3.3	NA
	11/8/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/8/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW26-70	4/6/2004											<10				<10	<10	<10	<10	NA
	11/6/2004											<10				<10	<10	<10	<10	NA
	11/10/2005											<10				<1	<1	<1	<1	NA
	11/7/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/14/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
UAW27-50	3/31/2004											<10				<10	<10	<10	<10	NA
	11/5/2004											<10				<10	<10	<10	<10	NA
	11/11/2005											<10				<1	<1	<1	<1	NA
	11/1/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
	11/13/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
LAW05-150	3/16/2002											<10				<10	<10	<10	<10	<10
LAW05-150 (Dup)	3/16/2002											<10				<10	<10	<10	<10	<10
LAW05-60	3/16/2002											<10				<10	<10	<10	<10	<10
LAW12-60	10/13/2001											<10				<10	<10	<10	<10	1.6 J
	11/16/2001											<10				<10	<10	<10	<10	1.5 J
20061102CINEB-1	11/2/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
20061106CINEB-1	11/6/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
20061106CINFB-1	11/6/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
20061108CINFB-1	11/8/2006	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
20071107CINEB-1	11/7/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
20071107CINFB-1	11/7/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
20071115CINEB-2	11/15/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA
20071115CINFB-2	11/15/2007	< 50	< 50	< 10	< 10	< 50	< 10	< 10	< 10	< 10	< 10	1 J	< 10	< 10	< 10	NA	NA	NA	NA	NA
French Drain Sump @ 46 hr	10/19/2002											NA				NA	200	NA	27 J	NA
French Drain Sump @ 72 hr	10/20/2002											NA				NA	140	NA	22 J	NA

Table B-2
Summary of Semivolatile Organic Detections in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	3-Nitroaniline	4-Nitroaniline	Nitrobenzene	2-Nitrophenol	4-Nitrophenol	N-Nitrosodi-n-propyl-amine	N-Nitrosodiphenylamine	2,2'-oxybis(1-Chloropropane	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,4-Dioxane
Groundwater																				
Seeps																				
SS-1 (Seep)	10/11/2001											NA				NA	21	NA	2.6 J	NA
SS-5 (Seep)	10/11/2001											NA				NA	14	NA	1.7 J	NA

Notes:
B = Method blank contamination. The associated meth
J = Estimated result; result is less than reporting limit.
# = Co-Elution of 3-Methylphenol and 4-Methylphenol.
NA indicates chemical was not on the target analyte list
<10 = Indicates constituent not detected at or above ind
This table only includes target analytes detected in one

Table B-3
Summary of Pesticide and Polychlorinated Biphenyl Detections
in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC (Lindane)	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Isodrin	Methoxychlor	Toxaphene	Aroclor 1242
Groundwater	**(units: ug/L)**																							
MW-EPA-1	5/8/2001	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.11 J	<0.25	0.13 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.5	<10	<1
	11/15/2001	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	<5	<100	<1
	10/20/2002	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.25	<0.25	<0.25	NA	NA	<0.25	<0.25	<0.5	NA	NA	NA
	11/12/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<20	<1
	3/28/2004	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	<2	<40	<10
	11/4/2004	0.035 J	0.052 PG	<0.05	0.076 PG	<0.05	<0.05	0.077 PG	0.031 J	0.07 PG	<0.05	0.27 PG	<0.05	0.021 J	0.057	0.032 J	0.04 J	<0.05	<0.05	0.061 PG	NA	<0.1	<2	<1
MW-EPA-2	5/8/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/14/2001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	NA	<0.2	<4	<1
	10/20/2002	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	NA	NA	<1	<1	<2	NA	NA	NA
	11/11/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/29/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.1	NA	<0.1	<2	<1
	11/4/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.032 J	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
MW-EPA-3	5/6/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/13/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/17/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/13/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/30/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/4/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.019 J	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
MW-EPA-4	5/8/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/13/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/18/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/16/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	4/6/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/6/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
Recovery Well	7/29/2001	<0.1	<0.1	<0.1	<0.1	<0.1	NA	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	NA	<0.1	NA	<0.1	<0.1	<0.2	<0.2	<4	<200
UAW01-30	5/4/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.03 J	<0.05	NA	<0.1	<2	<1
	11/8/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/17/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/11/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/24/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/3/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.033 J	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.0092 J	<0.05	NA	<0.1	<2	<1
UAW01-80	5/13/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/15/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/17/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/19/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	4/10/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/6/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW02-20	5/7/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW02-20 (Dup)	5/7/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/10/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/17/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/12/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/26/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/3/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1

Table B-3
Summary of Pesticide and Polychlorinated Biphenyl Detections
in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC (Lindane)	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Isodrin	Methoxychlor	Toxaphene	Aroclor 1242
Groundwater	**(units: ug/L)**																							
UAW02-40	5/13/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/10/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/17/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/12/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/26/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/3/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW03-20	5/7/2001	0.074 PG	<0.05	<0.05	<0.05	<0.05	0.053 PG	<0.05	<0.05	0.062 PG	<0.05	<0.05	<0.05	<0.05	<0.05	0.14 PG	<0.05	<0.05	<0.05	0.041 J	NA	<0.1	<2	<2
	11/11/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.03 J	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/23/2002	0.025 J	<0.05	<0.05	<0.05	<0.05	<0.05	0.02 J	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/12/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<20	<1
	3/28/2004	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<20	<1
	11/4/2004	0.057	<0.05	<0.05	<0.05	<0.05	<0.05	0.055 PG	<0.05	0.24 PG	<0.05	<0.05	<0.05	0.04 J	0.042 J	<0.05	<0.05	0.034 J	0.11 PG	<0.05	NA	<0.1	<2	<1
UAW03-20 (Dup)	11/4/2004	0.02 J	<0.05	<0.05	<0.05	<0.05	<0.05	0.22 PG	<0.05	0.26 PG	<0.05	<0.05	<0.05	0.039 J	<0.05	<0.05	<0.05	0.17 PG	0.22 PG	<0.05	NA	0.082 J	<2	<1
UAW04-20	5/7/2001	<0.05	<0.05	<0.05	<0.05	<0.05	0.039 J	0.041 J	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/11/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/20/2002	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	<1	<1	<1	NA	NA	<1	<1	<2	NA	NA	NA
	11/12/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/28/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/3/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.089	<0.05	<0.05	<0.05	<0.05	<0.05	0.15 PG	0.16 PG	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW05-20	5/6/2001	0.03 J	<0.05	<0.05	<0.05	0.029 J	<0.05	<0.05	<0.05	<0.05	0.021 J	0.028 J	<0.05	<0.05	0.097 PG	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/10/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.022 J	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.028 J	NA	<0.1	<2	<1
	11/11/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	0.92 J
	10/20/2002	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.25	<0.25	<0.25	NA	NA	<0.25	<0.25	<0.5	NA	NA	NA
	11/10/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/28/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW05-20 (Dup)	3/28/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/4/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.045 J	<0.05	<0.05	<0.05	0.027 J	<0.05	0.014 J	0.075	<0.05	0.02 J	<0.05	0.013 J	0.37 PG	NA	0.029 J	<2	<1
UAW06-20	5/6/2001	<0.05	0.024 J	0.022 J	<0.05	<0.05	<0.05	0.16 PG	0.023 J	0.033 J	<0.05	0.039 J	<0.05	<0.05	<0.05	0.045 J	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/10/2001	<0.05	<0.05	<0.05	<0.05	<0.05	0.026 J	0.12	<0.05	0.022 J	<0.05	0.034 J	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.054 PG	<0.05	NA	<0.1	<2	<1
	11/13/2001	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	<50	<1000	<1
	10/20/2002	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.25	<0.25	<0.25	NA	NA	<0.25	<0.25	<0.5	NA	NA	NA
	11/12/2003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	<2	<40	<1
	3/29/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/4/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.042 J	<0.05	<0.05	<0.05	0.021 J	<0.05	<0.05	<0.05	<0.05	0.019 J	<0.05	0.1 PG	<0.05	NA	<0.1	<2	<1
UAW07-20	5/8/2001	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.25	<0.25	<0.25	0.19 J	0.13 J	<0.25	<0.25	<0.25	NA	<0.25	NA	<0.25	<0.25	<0.5	<0.5	<10	<1
UAW07-20 (Dup)	5/8/2001	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.35 J	NA	<0.5	NA	<0.5	<0.5	<1	<1	<20	<10
	11/15/2001	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<5	<5	<100	<1
	10/20/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.092	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/12/2003	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<20	<1
UAW07-20 (Dup)	11/12/2003	<0.05	0.2 PG	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.2	<0.05	0.27	<0.05	<0.05	<0.05	<0.05	<0.05	0.33 PG	<0.05	<0.05	NA	<0.1	<2	<1
	4/5/2004	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<1	<20	<1
	11/4/2004	0.14 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.25 J	<0.5	0.14 J	<0.5	<0.5	<0.5	0.37 J	<0.5	0.29 J	NA	0.47 J	<20	<1

Table B-3
Summary of Pesticide and Polychlorinated Biphenyl Detections
in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC (Lindane)	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Isodrin	Methoxychlor	Toxaphene	Aroclor 1242
Groundwater	(units: ug/L)																							
UAW08-20	5/6/2001	<1	<1	<1	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	NA	<1	NA	<1	<1	<2	<2	<40	<1
	11/13/2001	<0.5	<0.5	<0.5	<0.5	0.32 J	NA	<0.5	<0.5	0.52 PG	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	NA	0.49 J	0.32 J	<1	<1	<20	<1
	10/20/2002	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	NA	NA	<0.5	<0.5	<1	NA	NA	NA
	11/10/2003	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	<2	<40	<1
	3/29/2004	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	<2	<40	<10
	11/4/2004	0.08 J	0.29 PG	<0.25	<0.25	<0.25	<0.25	0.056 J	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.47 PG	<0.25	<0.25	0.2 J	NA	<0.5	<10	<1
UAW09-20	5/5/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/9/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/16/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/11/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	4/6/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/6/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW09-60	5/5/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/9/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/16/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/11/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	4/6/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/6/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW10-50	10/12/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/13/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/19/2002	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.25	<0.25	<0.25	NA	NA	<0.25	<0.25	<0.5	NA	NA	NA
	11/10/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/30/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/5/2004	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.044 J	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.97	NA	<0.2	<4	<1
UAW10-80	10/12/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.081	NA	<0.1	<2	<1
	11/13/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/19/2002	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	NA	NA	<0.5	<0.5	<1	NA	NA	NA
	11/13/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/30/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/5/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.081 PG	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW11-10	5/8/2001	<0.05	<0.05	<0.05	0.42	<0.05	<0.05	<0.05	0.11	0.054 PG	<0.05	<0.05	<0.05	0.043 J	<0.05	<0.05	<0.05	<0.05	0.1 PG	<0.05	NA	<0.1	<2	<1
	11/10/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/18/2002	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.25	<0.25	<0.25	NA	NA	<0.25	<0.25	<0.5	NA	NA	NA
	11/16/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	4/6/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<5
	11/7/2004	0.0085 J	0.016 J	0.016 J	<0.05	<0.05	<0.05	0.13	0.0074 J	<0.05	0.015 J	0.044 J	<0.05	<0.05	0.51	<0.05	<0.05	0.025 J	<0.05	0.033 J	NA	0.024 J	<2	<1
UAW11-40	5/8/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/12/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	0.52 J
	10/18/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/16/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	4/6/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW11-40 (Dup)	4/6/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/7/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.073	<0.05	<0.05	<0.05	0.025 J	<0.05	<0.05	<0.05	<0.05	0.51	NA	<0.1	<2	<1

Table B-3
Summary of Pesticide and Polychlorinated Biphenyl Detections
in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC (Lindane)	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Isodrin	Methoxychlor	Toxaphene	Aroclor 1242
Groundwater	(units: ug/L)																							
UAW12-20	5/6/2001	0.045 J	<0.05	<0.05	<0.05	<0.05	NA	0.017 J	0.058	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	NA	<0.05	<0.05	0.017 J	<0.1	<2	<1
	11/15/2001	0.022 J	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.033 J	NA	<0.05	NA	0.09 PG	<0.05	<0.1	<0.1	<2	<1
	10/20/2002	0.039 J	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/12/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/28/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/4/2004	0.02 J	0.3 PG	0.036 J	<0.05	0.01 J	<0.05	0.39 PG	0.038 J	0.27 PG	0.041 J	<0.05	0.17 PG	<0.05	0.036 J	<0.05	0.028 J	<0.05	0.27 PG	<0.05	NA	<0.1	<2	<1
UAW13-20	5/6/2001	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	0.25 J	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	NA	<0.5	0.91 PG	<1	<1	<20	<1
	11/15/2001	<5	<5	<5	<5	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	NA	<5	NA	<5	<5	<10	<10	<200	<1
	10/23/2002	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.25	<0.25	<0.25	NA	NA	<0.25	<0.25	<0.5	NA	NA	NA
	11/12/2003	<1	<1	<1	<1	<1	<1	<1	<1	2.7 PG	<1	<1	<1	<1	<1	<1	<1	<1	6	<1	NA	<2	<40	<1
	3/28/2004	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	<2	<40	<10
	11/5/2004	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.31 J	<1	<1	<1	<1	<1	NA	<2	40	<1
UAW14-10	5/5/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/9/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/16/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/16/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	4/5/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/6/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.34 PG	NA	<0.1	<2	<1
UAW15-20	5/6/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/11/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/18/2002	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.25	<0.25	<0.25	NA	NA	<0.25	<0.25	<0.5	NA	NA	NA
	11/17/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	4/7/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/7/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.094	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.018 J	NA	<0.1	<2	<1
UAW15-50	5/6/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/11/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.024 J	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.034 J	0.031 J	NA	<0.1	<2	0.55 J
	10/18/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/17/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	4/7/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/7/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	6.9	<0.05	<0.05	<0.05	<0.05	0.11	NA	<0.1	<2	<1
UAW15-50 (Dup)	11/7/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	4.4	<0.05	<0.05	<0.05	<0.05	0.031 J	NA	<0.1	<2	<1
UAW16-10	10/12/2001	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	<5	<100	130 J
UAW16-10 (Dup)	10/12/2001	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	<20	<400	<100
	11/13/2001	<0.05	<0.05	<0.05	<0.05	0.053	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.041 J PG	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/18/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/16/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW16-10 (Dup)	11/17/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.23 PG	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	4/7/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.11	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/7/2004	0.017 J	<0.05	<0.05	<0.05	<0.05	<0.05	0.057	0.009 J	<0.05	<0.05	0.047 J	<0.05	<0.05	<0.05	<0.05	<0.05	0.009 J	<0.05	<0.05	NA	0.022 J	<2	<1
UAW17-40	5/5/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/9/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/16/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/16/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/31/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/6/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1

Table B-3
Summary of Pesticide and Polychlorinated Biphenyl Detections
in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC (Lindane)	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Isodrin	Methoxychlor	Toxaphene	Aroclor 1242
Groundwater	(units: ug/L)																							
UAW18-20	10/12/2001	<0.05	0.021 J	<0.05	0.03 J	<0.05	<0.05	0.51 PG	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/13/2001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.24	<0.1	<0.1	<0.1	0.14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	NA	<0.2	<4	<1
	10/18/2002	<0.05	<0.05	<0.05	<0.05	<0.05	0.03 J	0.12 PG	<0.05	<0.05	<0.05	0.033 J	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/16/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.26 PG	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	4/7/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/7/2004	<0.05	<0.05	<0.05	<0.05	<0.05	0.039 J	0.1	0.0084 J	<0.05	<0.05	0.02 J	<0.05	0.018 J	0.13	<0.05	0.0063 J	<0.05	0.014 J	0.048 J	NA	<0.1	1 J	<1
UAW19-80	5/6/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/12/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW19-80 (Dup)	11/12/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/17/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
UAW19-80 (Dup)	10/17/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/13/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/30/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/5/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW20-60	5/7/2001	<0.05	<0.05	<0.05	<0.05	<0.05	0.021 J	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/14/2001	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NA	<10	<200	<1
UAW20-60 (Dup)	11/14/2001	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.5	<10	<1
	10/19/2002	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	NA	NA	<0.5	<0.5	<1	NA	NA	NA
UAW20-60 (Dup)	10/19/2002	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	<0.5	<0.5	NA	NA	<0.5	<0.5	<1	NA	NA	NA
	11/13/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/30/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/5/2004	<0.05	<0.05	<0.05	<0.05	0.025 J	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.039 J	<0.05	NA	<0.1	<2	<1
UAW21-30	5/5/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/11/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	0.45 J
	10/18/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/11/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/27/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/3/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW21-80	5/5/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/11/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/18/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/11/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/27/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/3/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW22-20	10/13/2001	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.5	<10	<1
	11/13/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.21	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/20/2002	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	NA	<0.1	<0.1	<0.1	NA	NA	<0.1	<0.1	<0.2	NA	NA	NA
	11/10/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/29/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/4/2004	0.028 J	0.054 PG	<0.05	<0.05	<0.05	<0.05	<0.05	0.033 J	<0.05	<0.05	<0.05	<0.05	<0.05	0.22 PG	<0.05	<0.05	<0.05	0.14 PG	<0.05	NA	<0.1	<2	<1

Table B-3
Summary of Pesticide and Polychlorinated Biphenyl Detections
in Groundwater and Seep Samples
Rohm and Haas Chemicals LLC
Cincinnati Plant
Units: ug/l

SAMPLE LOCATION	SAMPLE DATE	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC (Lindane)	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Isodrin	Methoxychlor	Toxaphene	Aroclor 1242
Groundwater	**(units: ug/L)**																							
UAW23-20	10/12/2001	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NA	<4	<80	<1
	11/14/2001	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	<5	<100	<1
	10/19/2002	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<2.5	<2.5	<2.5	NA	<2.5	<2.5	<5	NA	NA	NA
	11/13/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/28/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/5/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	1	<0.05	0.032 J	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.023 J	<0.05	NA	<0.1	<2	<1
UAW24-70	10/13/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/15/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	10/17/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/16/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	4/5/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/6/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW25-20	10/13/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.16	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/13/2001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.14 PG	<0.05	0.051 PG	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.022 J PG	NA	<0.1	<2	<1
	10/18/2002	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
	11/12/2003	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.065	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	3/27/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/3/2004	<0.05	<0.05	<0.05	<0.05	0.021 J	<0.05	0.19	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.049 J	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW26-70	4/6/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/6/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
UAW27-50	3/31/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.1	<2	<1
	11/5/2004	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.22	0.18 PG	NA	<0.1	<2	<1
LAW05-60	3/16/2002	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	NA	<0.05	<0.05	<0.1	<0.1	<2	<1
LAW05-150	3/16/2002	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	NA	<0.05	<0.05	<0.1	<0.1	<2	<1
LAW05-150 (Dup)	3/16/2002	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	NA	<0.05	<0.05	<0.1	<0.1	<2	<1
LAW12-60	10/13/2001	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	NA	<0.05	<0.05	<0.1	<0.1	<2	<1
	11/16/2001	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	NA	<0.05	<0.05	<0.1	<0.1	<2	<1
French Drain Sump @ 46 hr	10/19/2002	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.25	<0.25	<0.25	NA	NA	<0.25	<0.25	<0.5	NA	NA	NA
French Drain Sump @ 72 hr	10/20/2002	0.028 J	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA
Seeps																								
SS-1 (Seep)	10/11/2001	<0.05	<0.05	0.028 J	<0.05	<0.05	<0.05	0.042 J	<0.05	0.053 PG	<0.05	0.046 J	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	0.033 J	0.005 J	NA	NA	NA
SS-5 (Seep)	10/11/2001	<0.05	0.025 J	<0.05	<0.05	<0.05	0.02 J	0.056	<0.05	<0.05	0.03 J	<0.05	NA	<0.05	<0.05	<0.05	NA	NA	<0.05	<0.05	<0.1	NA	NA	NA

Notes:

J = Estimated result; result is less than reporting limit

PG = The percentage difference between the original and confirmation analyses is greater than 40%

NA indicates chemical was not on the target analyte list for that sample.

<0.05 = Indicates constituent not detected at or above indicated detection limit.

This table only includes target analytes detected in one or more Facility Investigation samples.

Table B-4
Summary of Inorganic Detections in Groundwater, Seep, and Surface Water Samples
Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Aluminum	Aluminum-DISS	Antimony	Antimony-DISS	Arsenic	Arsenic-DISS	Barium	Barium-DISS	Beryllium	Beryllium-DISS	Cadmium	Cadmium-DISS	Calcium	Calcium-DISS	Chromium	Chromium-DISS	Cobalt	Cobalt-DISS	Copper	Copper-DISS	Cyanide, Total	Hexavalent Chromium	Iron	Iron-DISS	Lead	Lead-DISS	Magnesium	Magnesium-DISS
Groundwater																													
DP53-12.5'	3/11/2004	NA	NA	NA	NA	15.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.9	NA	NA	NA	NA	NA	NA	<20	NA	NA	8.1	NA	NA	NA
MW-EPA-1	5/8/2001	129 B	NA	3.3 B	NA	246	NA	287	NA	<5	NA	<2	NA	354000	365000	73	NA	2.1 B	NA	<25	NA	<10	NA	7800	<100	<3	NA	126000	127000
	11/15/2001	138 B J	NA	<10	NA	611	NA	217 J	NA	<5	NA	<2	NA	435000 J	418000 J	9.8	NA	1.4 B	NA	<25	NA	3.6 B	NA	2140	240	<3	NA	173000	152000
	10/20/2002	164 B J	NA	<10	NA	460	NA	244	NA	<5	NA	<2	NA	302000 J	NA	14.7	NA	1.1 B	NA	<25	NA	<10	NA	2540	NA	<3	NA	172000	NA
	11/12/2003	215	NA	3.1 B	NA	465	NA	260 J	NA	<5	NA	<2	NA	425000 J	NA	26.2	NA	<7	NA	<25	NA	<10	NA	2450	NA	<3	NA	173000 J	NA
	3/28/2004	313 J	NA	10	NA	483	NA	246	NA	<5	NA	<2	NA	466000	NA	37.2	NA	<7	NA	5 B J	NA	<10	NA	1600	NA	<3	NA	148000	NA
	11/4/2004	365 J	NA	<10	NA	215	NA	209	NA	<5	NA	0.38 B J	NA	338000	NA	14.4	NA	1.5 B J	NA	<25	NA	<10	NA	2030	NA	<3	NA	123000 J	NA
	11/15/2005	69.4 B	NA	<10	NA	596	NA	145 B	NA	0.59 U	NA	0.45 B	NA	370000	NA	12.9	NA	2.5 B	NA	3.0 B	NA	NA	NA	1810	NA	<3	NA	97500	NA
	11/8/2006	138 B	NA	< 10	NA	293	NA	243	NA	< 5	NA	< 2	NA	289000 J	NA	31.2	NA	< 7	NA	4 B J	NA	NA	NA	1980	NA	< 3	NA	123000	NA
	11/19/2007	409	NA	< 10	NA	184	NA	294 J	NA	< 5	NA	2	NA	270000 J	NA	47.5	NA	2.1 B	NA	4.6 B	NA	NA	NA	7090 J	NA	< 3	NA	185000 J	NA
MW-EPA-2	5/8/2001	38400	NA	3.6 B	NA	27.4	NA	496	NA	1.9 B	NA	0.65 B	NA	327000	266000	1250	NA	38.9	NA	74.3	NA	<10	NA	64800	<100	27.6	NA	114000	91100
	11/14/2001	39300 J	NA	5.4 B	NA	31.7	NA	292	NA	1.8 B	NA	5.2	NA	254000	151000	1750	NA	51.2	NA	109	NA	2.6 B	NA	74600	<100	32.4	NA	88100 J	50700 J
	10/20/2002	1260 J	NA	<10	NA	3.1 B	NA	113 B	NA	<5	NA	0.5 B	NA	142000 J	NA	80.1	NA	3.3 B	NA	4.7 B	NA	<10	NA	1860	NA	<3	NA	45500	NA
	11/11/2003	1490	NA	<10	NA	<10	NA	105 B J	NA	<5	NA	1 B	NA	154000 J	NA	492	NA	5.4 B	NA	9.4 B	NA	<10	NA	3320	NA	<3	NA	47700 J	NA
	3/29/2004	2020 J E	NA	<10	NA	<10	NA	129 B	NA	<5	NA	0.33 B	NA	190000	NA	443	NA	6.4 B	NA	13 B J	NA	<10	<20	3610	NA	<3	NA	62000	NA
	11/4/2004	425 J	NA	<10	NA	<10	NA	190 B	NA	<5	NA	1 B J	NA	274000	NA	65.6	NA	3.9 B J	NA	5.7 B	NA	<10	NA	868	NA	<3	NA	87100 J	NA
	11/11/2005	889	NA	<10	NA	<10	NA	249	NA	<5	NA	<2	NA	305000 J	NA	243	NA	3.0 B	NA	7.1 B J	NA	NA	NA	1880	NA	<3	NA	97600	NA
	11/9/2006	179 B	NA	< 10	NA	< 10	NA	32.3 B	NA	0.33 B	NA	5.3	NA	228000 J	NA	10.7	NA	1.3 B	NA	13.2 B	NA	NA	NA	1510	NA	6.6	NA	66000	NA
	11/19/2007	7030	NA	<10	NA	4 B	NA	278 J	NA	< 5	NA	< 2	NA	295000 J	NA	1010	NA	12.7	NA	39.2	NA	NA	NA	12700 J	NA	4	NA	95100 J	NA
MW-EPA-3	5/6/2001	1330	NA	<10	NA	<10	NA	71.9 B	NA	<5	NA	1.5 B	NA	188000	274000	29.9	NA	2.8 B	NA	11.2 B	NA	<10	NA	5540	<100	<3	NA	68900	94600
	11/13/2001	16400	NA	<10	NA	14.1	NA	120 B	NA	1.1 B	NA	1.2 B	NA	470000 J	332000 J	75.8	NA	14.5	NA	37.5	NA	<10	NA	40500	2700	13.7	NA	175000 J	123000 J
	10/17/2002	20800	NA	<10	NA	23	NA	146 B	NA	0.79 B	NA	1.7 B	NA	467000 J	NA	117	NA	20.7	NA	41.5	NA	<10	NA	51400	NA	20.6	NA	153000 J	NA
	11/13/2003	4770	NA	<10	NA	6.7 B	NA	86.6 B J	NA	0.83 B	NA	0.76 B	NA	414000 J	NA	69.3	NA	7.1	NA	7 B	NA	<10	NA	16300 J	NA	7.5	NA	118000	NA
	3/30/2004	19200 J	NA	<10	NA	22.2	NA	117 B	NA	0.52 B	NA	2.1	NA	464000	NA	143	NA	21	NA	50	NA	<10	NA	55200	NA	20.5	NA	165000	NA
	11/4/2004	4240 J	NA	<10	NA	5.3 B	NA	174 B	NA	<5	NA	2 J	NA	305000	NA	22.8	NA	11.9 J	NA	16.2 B	NA	<10	NA	8830	NA	2 B	NA	108000 J	NA
	11/11/2005	239	NA	<10	NA	<10	NA	98.7 B	NA	<5	NA	<2	NA	342000 J	NA	<5	NA	2.6 B	NA	2.0 B J	NA	NA	NA	6630	NA	<3	NA	124000	NA
	11/7/2006	872	NA	< 10	NA	< 10	NA	144 B	NA	< 5	NA	0.68 B	NA	377000 J	NA	10.7	NA	2.9 B	NA	3.6 B J	NA	NA	NA	7140	NA	< 3	NA	139000	NA
	11/14/2007	2370	NA	2 B	NA	< 10	NA	123 B	NA	< 5	NA	< 2	NA	205000 J	NA	8.6	NA	3 B	NA	<25	NA	NA	NA	4910	NA	< 3	NA	69500	NA
MW-EPA-4	5/8/2001	<200	NA	<10	NA	<10	NA	235	NA	<5	NA	0.31 B	NA	269000	271000	37.7	NA	2.8 B	NA	<25	NA	<10	NA	950	<100	<3	NA	63600	64000
	11/13/2001	41.7 B	NA	<10	NA	<10	NA	114 B	NA	<5	NA	<2	NA	157000 J	136000 J	130	NA	11.4	NA	<25	NA	<10	NA	8220	398	<3	NA	40600 J	35200 J
	10/18/2002	<200	NA	<10	NA	<10	NA	87.9 B	NA	<5	NA	<2	NA	120000 J	NA	207	NA	4.1 B	NA	<25	NA	<10	NA	1980	NA	<3	NA	27900 J	NA
	11/16/2003	<200	NA	<10	NA	<10	NA	165 B J	NA	<5	NA	1.1 B J	NA	196000 J	NA	37.2 J	NA	6.6 B J	NA	3.7 B J	NA	<10	NA	3340	NA	<3	NA	48600 J	NA
	4/6/2004	<200	NA	<10	NA	<10	NA	137 B J	NA	<5	NA	<2	NA	182000	NA	64.6	NA	2.4 B	NA	<25	NA	<10	<20	1080	NA	<3	NA	42400 J	NA
	11/6/2004	120 B	NA	<10	NA	<10	NA	169 B	NA	<5	NA	<2	NA	201000	NA	36.1	NA	1.9 B	NA	3.3 B	NA	<10	NA	1470	NA	<3	NA	47300	NA
	11/9/2005	<200	NA	<10	NA	<10	NA	209	NA	0.34 B	NA	<2	NA	280000 J	NA	41.5	NA	2.6 B	NA	<25	NA	NA	NA	1280	NA	<3	NA	67700	NA
	11/7/2006	< 200	NA	< 10	NA	< 10	NA	257	NA	< 5	NA	< 2	NA	252000 J	NA	197	NA	1.4 B	NA	4.6 B J	NA	NA	NA	684	NA	< 3	NA	64300	NA
	11/14/2007	< 200	NA	3.7 B	NA	< 10	NA	176 B	NA	< 5	NA	< 2	NA	160000 J	NA	436	NA	5.5 B	NA	8.4 B	NA	NA	NA	1320	NA	< 3	NA	38000	NA

Table B-4
Summary of Inorganic Detections in Groundwater, Seep, and Surface Water Samples
Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Aluminum	Aluminum-DISS	Antimony	Antimony-DISS	Arsenic	Arsenic-DISS	Barium	Barium-DISS	Beryllium	Beryllium-DISS	Cadmium	Cadmium-DISS	Calcium	Calcium-DISS	Chromium	Chromium-DISS	Cobalt	Cobalt-DISS	Copper	Copper-DISS	Cyanide, Total	Hexavalent Chromium	Iron	Iron-DISS	Lead	Lead-DISS	Magnesium	Magnesium-DISS
Groundwater																													
Recovery Well	7/29/2001	NA	NA	<10	NA	39.6	NA	328	NA	<5	NA	8.6	NA	NA	NA	264	NA	11.1	NA	4640	NA	<10	NA	NA	NA	405	NA	NA	NA
RWV20	4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5	NA	NA	NA	NA	NA	NA	<20	NA	NA	NA	NA	NA	NA
UAW01-30	5/4/2001	82.1 B	NA	<10	NA	13	NA	339	NA	<5	NA	<2	NA	341000	358000	7.7	NA	2.2 B	NA	<25	NA	8 B	NA	9970	150	<3	NA	77200	84600
	11/8/2001	81.8 B J	NA	<10	NA	5.1 B	NA	164 B J	NA	0.58 B	NA	0.29 B	NA	151000 J	146000 J	15.2	NA	14.8	NA	<25	NA	<10	NA	8940	7700	<3	NA	31800	30900
	10/17/2002	<200	NA	<10	NA	7.6 B	NA	93.9 B	NA	<5	NA	<2	NA	110000 J	NA	32.8	NA	4.7 B	NA	<25	NA	<10	NA	2830	NA	<3	NA	25000 J	NA
	11/11/2003	<200	NA	<10	NA	5.9 B	NA	109 B J	NA	<5	NA	<2	NA	138000 J	NA	32.1	NA	<7	NA	<25	NA	<10	NA	1380	NA	<3	NA	32500 J	NA
	3/24/2004	<200	NA	<10	NA	7.1 B	NA	81.3 B J	NA	0.8 B J	NA	<2	NA	109000 J	NA	9.8	NA	1.4 B	NA	6 B J	NA	<10	NA	1530	NA	<3	NA	25700 J	NA
	11/3/2004	<200	NA	<10	NA	10.1	NA	206	NA	<5	NA	<2	NA	210000	NA	20.3	NA	2.7 B	NA	3.2 B	NA	<10	NA	6590	NA	<3	NA	48600	NA
	11/8/2005	<200	NA	<10	NA	11	NA	224	NA	<5	NA	<2	NA	193000 J	NA	28.9	NA	5.4 B	NA	3.4 B	NA	NA	NA	9800	NA	<3	NA	45100	NA
	11/1/2006	< 200	NA	< 10	NA	13.2	NA	218	NA	< 5	NA	< 2	NA	221000 J	NA	9	NA	1.6 B	NA	< 25	NA	NA	NA	7130	NA	< 3	NA	46000	NA
	11/8/2007	< 200	NA	< 10	NA	25	NA	298 J	NA	< 5	NA	< 2	NA	247000 J	NA	97.3	NA	<7	NA	< 25	NA	NA	NA	12200	NA	< 3	NA	57700 J	NA
UAW01-80	5/4/2001	331	NA	<10	NA	3.9 B	NA	309	NA	<5	NA	<2	NA	117000	118000	2.4 B	NA	<7	NA	<25	NA	<10	NA	10600	3070	<3	NA	30800	31900
	11/12/2001	105 B J	NA	<10	NA	<10	NA	308	NA	<5	NA	<2	NA	112000	115000	<5	NA	<7	NA	<25	NA	<10	NA	9600	279	<3	NA	29900	31000
	10/17/2002	98.7 B	NA	<10	NA	2.4 B	NA	350	NA	<5	NA	<2	NA	113000 J	NA	3.5 B	NA	<7	NA	<25	NA	<10	NA	10600	NA	<3	NA	29200 J	NA
	11/11/2003	<200	NA	<10	NA	3.5 B	NA	326 J	NA	<5	NA	<2	NA	120000 J	NA	2.7 B	NA	<7	NA	<25	NA	<10	NA	10100	NA	<3	NA	30400 J	NA
	3/24/2004	<200	NA	<10	NA	5 B	NA	346 J	NA	0.77 B J	NA	0.46 B	NA	122000 J	NA	<5	NA	<7	NA	5 B J	NA	<10	NA	10300	NA	<3	NA	30700 J	NA
	11/2/2004	<200	NA	<10	NA	3.4 B	NA	332	NA	<5	NA	0.32 B	NA	113000	NA	<5	NA	<7	NA	<25	NA	<10	NA	10000	NA	<3	NA	28300	NA
	11/8/2005	<200	NA	<10	NA	<10	NA	325	NA	<5	NA	<2	NA	107000 J	NA	<5	NA	<7	NA	<25	NA	NA	NA	9860	NA	<3	NA	28000	NA
	11/1/2006	< 200	NA	< 10	NA	< 10	NA	337	NA	< 5	NA	< 2	NA	114000 J	NA	< 5	NA	< 7	NA	< 25	NA	NA	NA	10400	NA	< 3	NA	29100	NA
	11/8/2007	< 200	NA	<10	NA	< 10	NA	301 J	NA	< 5	NA	< 2	NA	94100 J	NA	< 5	NA	<7	NA	< 25	NA	NA	NA	8500	NA	< 3	NA	23900 J	NA
UAW02-20	5/7/2001	49.1 B	NA	<10	NA	3.9 B	NA	400	NA	<5	NA	<2	NA	331000	316000	3.3 B	NA	<7	NA	<25	NA	<10	NA	4200	641	<3	NA	58700	59200
UAW02-20 (Dup)	5/7/2001	61.2 B	NA	<10	NA	6.1 B	NA	395	NA	<5	NA	<2	NA	316000	302000	22.6	NA	<7	NA	<25	NA	<10	NA	4480	659	<3	NA	56200	53400
	11/10/2001	<200	NA	2.9 B	NA	<10	NA	169 B	NA	<5	NA	<2	NA	177000 J	157000 J	<5	NA	<7	NA	<25	NA	<10	NA	1940	340	<3	NA	33200 J	29800 J
	10/17/2002	<200	NA	<10	NA	3.2 B	NA	311	NA	<5	NA	0.67 B	NA	203000 J	NA	8.1	NA	2.2 B	NA	<25	NA	2.2 B	NA	2600	NA	<3	NA	34000 J	NA
	11/12/2003	<200	NA	<10	NA	<10	NA	124 B J	NA	<5	NA	<2	NA	175000 J	NA	2.7 B	NA	<7	NA	<25	NA	<10	NA	2170	NA	<3	NA	32600 J	NA
	3/26/2004	35 B J	NA	<10	NA	<10	NA	271	NA	<5	NA	<2	NA	255000 J	NA	<5	NA	<7	NA	<25	NA	<10	NA	3650	NA	<3	NA	45700 J	NA
	11/3/2004	<200	NA	<10	NA	<10	NA	77.4 B	NA	<5	NA	<2	NA	109000	NA	<5	NA	<7	NA	<25	NA	<10	NA	1150	NA	<3	NA	20800	NA
	11/9/2005	<200	NA	<10	NA	<10	NA	77.5 B	NA	0.32 B	NA	<2	NA	125000 J	NA	2.0 B	NA	<7	NA	<25	NA	NA	NA	1620	NA	<3	NA	25500	NA
	11/3/2006	47.3 B	NA	< 10	NA	< 10	NA	119 B	NA	< 5	NA	0.64 B	NA	156000 J	NA	5.2	NA	< 7	NA	2.8 B J	NA	NA	NA	4270	NA	< 3	NA	31500	NA
	11/9/2007	120 B	NA	< 10	NA	< 10	NA	79.5 B J	NA	< 5	NA	< 2	NA	80600 J	NA	< 5	NA	< 7	NA	< 25	NA	NA	NA	813	NA	< 3	NA	16000 J	NA

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Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Aluminum	Aluminum-DISS	Antimony	Antimony-DISS	Arsenic	Arsenic-DISS	Barium	Barium-DISS	Beryllium	Beryllium-DISS	Cadmium	Cadmium-DISS	Calcium	Calcium-DISS	Chromium	Chromium-DISS	Cobalt	Cobalt-DISS	Copper	Copper-DISS	Cyanide, Total	Hexavalent Chromium	Iron	Iron-DISS	Lead	Lead-DISS	Magnesium	Magnesium-DISS
Groundwater																													
UAW02-40	5/7/2001	213	NA	<10	NA	<10	NA	130 B	NA	<5	NA	<2	NA	98800	99200	<5	NA	<7	NA	<25	NA	<10	NA	4260	100	<3	NA	36100	36000
	11/10/2001	<200	NA	2.5 B	NA	<10	NA	156 B	NA	<5	NA	0.36 B	NA	106000 J	101000 J	<5	NA	<7	NA	<25	NA	<10	NA	3110	122	<3	NA	40000 J	38400 J
	10/17/2002	<200	NA	<10	NA	<10	NA	129 B	NA	<5	NA	<2	NA	98400 J	NA	<5	NA	0.94 B	NA	<25	NA	<10	NA	4080	NA	<3	NA	37600 J	NA
	11/12/2003	<200	NA	<10	NA	<10	NA	117 B J	NA	<5	NA	<2	NA	111000 J	NA	1.4 B	NA	<7	NA	<25	NA	<10	NA	5190	NA	<3	NA	41600 J	NA
	3/26/2004	36.9 B J	NA	<10	NA	<10	NA	135 B	NA	<5	NA	<2	NA	121000 J	NA	<5	NA	<7	NA	<25	NA	<10	NA	6210	NA	<3	NA	44700 J	NA
	11/3/2004	<200	NA	<10	NA	<10	NA	125 B	NA	<5	NA	<2	NA	123000	NA	<5	NA	<7	NA	<25	NA	<10	NA	4680	NA	<3	NA	44800	NA
	11/9/2005	<200	NA	<10	NA	<10	NA	190 B	NA	0.32 B	NA	<2	NA	121000 J	NA	<5	NA	<7	NA	<25	NA	NA	NA	4730	NA	<3	NA	44900	NA
	11/3/2006	< 200	NA	< 10	NA	< 10	NA	136 B	NA	< 5	NA	< 2	NA	106000 J	NA	< 5	NA	< 7	NA	< 25	NA	NA	NA	5500	NA	< 3	NA	38100	NA
UAW02-40 (dup)	11/3/2006	< 200	NA	< 10	NA	< 10	NA	136 B	NA	< 5	NA	< 2	NA	106000 J	NA	< 5	NA	< 7	NA	< 25	NA	NA	NA	5420	NA	< 3	NA	38100	NA
	11/9/2007	< 200	NA	< 10	NA	< 10	NA	115 B J	NA	< 5	NA	< 2	NA	102000 J	NA	< 5	NA	< 7	NA	< 25	NA	NA	NA	3760	NA	< 3	NA	34500 J	NA
UAW03-20	5/7/2001	39.6 B	NA	<10	NA	20.4	NA	422	NA	<5	NA	<2	NA	524000	551000	2.8 B	NA	3.8 B	NA	<25	NA	<10	NA	2490	1650	<3	NA	92100	80300
	11/11/2001	124 B J	NA	<10	NA	17.6	NA	235	NA	<5	NA	<2	NA	219000	210000	3.5 B	NA	10.7	NA	<25	NA	<10	NA	1720	978	<3	NA	37500	36100
	10/23/2002	<200	NA	<10	NA	21 J	NA	250	NA	<5	NA	<2	NA	169000	NA	5.3	NA	4.4 B	NA	3.2 B	NA	<10	NA	2390	NA	<3	NA	34000	NA
	11/12/2003	<200	NA	<10	NA	12.1	NA	185 B J	NA	<5	NA	<2	NA	227000 J	NA	6.7	NA	<7	NA	<25	NA	<10	NA	370	NA	<3	NA	40700 J	NA
	3/28/2004	83.7 B J	NA	<10	NA	9.5 B	NA	227	NA	<5	NA	<2	NA	283000	NA	2.4 B	NA	<7	NA	<25	NA	<10	NA	422	NA	<3	NA	49600	NA
	11/4/2004	75.7 B J	NA	<10	NA	<10	NA	70.1 B	NA	<5	NA	0.5 B J	NA	108000	NA	2 B	NA	1.5 B J	NA	<25	NA	<10	NA	424	NA	<3	NA	19700 J	NA
UAW03-20 (Dup)	11/4/2004	82.3 B J	NA	<10	NA	3.1 B	NA	68.9 B	NA	<5	NA	0.48 B J	NA	107000	NA	<5	NA	1.4 B J	NA	<25	NA	<10	NA	410	NA	<3	NA	19400 J	NA
	11/9/2005	1310	NA	<10	NA	<10	NA	104 B	NA	0.40 B	NA	<2	NA	141000 J	NA	2.8 B	NA	<7	NA	4.8 B J	NA	NA	NA	4550	NA	<3	NA	26300	NA
	11/6/2006	5520	NA	< 10	NA	6.9 B	NA	101 B	NA	0.35 B	NA	1.3 B	NA	121000 J	NA	12.8	NA	5.9 B	NA	27.8 J	NA	NA	NA	9460	NA	22.8	NA	26300	NA
	11/13/2007	5600	NA	< 10	NA	< 10	NA	41.9 B	NA	< 5	NA	< 2	NA	38300 J	NA	11.5	NA	3.7 B	NA	15.6 B	NA	NA	NA	7210	NA	10.2	NA	7480	NA
UAW04-20	5/7/2001	42.6 B	NA	11.9	NA	82.4	NA	771	NA	<5	NA	<2	NA	343000	339000	6	NA	17.3	NA	<25	NA	7.3 B	NA	10500	2410	<3	NA	65600	64000
	11/11/2001	78.5 B J	NA	7.6 B	NA	20.5	NA	600	NA	<5	NA	1.5 B	NA	255000	235000	4 B	NA	7.1	NA	<25	NA	<10	NA	5060	1820	<3	NA	43100	39600
	10/20/2002	82.9 B J	NA	3.7 B	NA	33.5	NA	798	NA	<5	NA	<2	NA	205000 J	NA	6.5	NA	3.2 B	NA	<25	NA	<10	NA	6650	NA	<3	NA	47400	NA
	11/12/2003	<200	NA	<10	NA	26.6	NA	443 J	NA	<5	NA	<2	NA	219000 J	NA	2.8 B	NA	<7	NA	<25	NA	<10	NA	6010	NA	<3	NA	64600 J	NA
	3/28/2004	68.2 B J	NA	27.6	NA	30.8	NA	233	NA	<5	NA	1.2 B	NA	192000	NA	<5	NA	<7	NA	3.4 B J	NA	<10	NA	5230	NA	<3	NA	36700	NA
	11/3/2004	70.1 B J	NA	<10	NA	10.7	NA	129 B	NA	<5	NA	0.31 B J	NA	114000	NA	<5	NA	1.2 B J	NA	<25	NA	<10	NA	1250	NA	<3	NA	21700 J	NA
	11/9/2005	<200	NA	14.9	NA	25.7	NA	299	NA	0.35 B	NA	<2	NA	155000 J	NA	<5	NA	<7	NA	2.5 B J	NA	NA	NA	6340	NA	<3	NA	39800	NA
	11/6/2006	< 200	NA	19.8	NA	22.4	NA	217	NA	< 5	NA	< 2	NA	164000 J	NA	< 5	NA	< 7	NA	2.6 B J	NA	NA	NA	2530	NA	< 3	NA	31900	NA
UAW04-20 (dup)	11/6/2006	< 200	NA	21.4	NA	26	NA	215	NA	< 5	NA	< 2	NA	161000 J	NA	< 5	NA	< 7	NA	3 B J	NA	NA	NA	2730	NA	< 3	NA	31600	NA
UAW05-20	5/6/2001	2550	NA	<10	NA	8.7 B	NA	102 B	NA	<5	NA	<2	NA	338000	391000	8.1	NA	2.2 B	NA	7.8 B	NA	<10	NA	3900	<100	<3	NA	60200	66900
	10/10/2001	189 B	NA	<10	NA	21	NA	67.9 B	NA	<5	NA	<2	NA	292000	334000	7.3	NA	<7	NA	<25	NA	<10	NA	2750	<100	<3	NA	45300	50300
	11/12/2001	558 J	NA	<10	NA	18.7	NA	68.6 B	NA	<5	NA	<2	NA	265000	280000	8.8	NA	1.8 B	NA	5.3 B	NA	<10	NA	2930	<100	<3	NA	49300	45900
	10/20/2002	110 B J	NA	<10	NA	21.8	NA	72.2 B	NA	<5	NA	0.3 B	NA	253000 J	NA	5.1	NA	<7	NA	<25	NA	<10	NA	986	NA	<3	NA	38300	NA
	11/10/2003	<200	NA	<10	NA	16.8	NA	55.9 B J	NA	<5	NA	<2	NA	299000 J	NA	2 B	NA	1.5 B	NA	<25	NA	<10	NA	1020	NA	<3	NA	40200 J	NA
	3/28/2004	102 B J	NA	<10	NA	2.9 B	NA	59.3 B	NA	<5	NA	<2	NA	273000	NA	2.6 B	NA	<7	NA	2.9 B J	NA	<10	NA	948	NA	<3	NA	42500	NA
UAW05-20 (Dup)	3/28/2004	121 B J	NA	<10	NA	2.7 B	NA	63.7 B	NA	<5	NA	<2	NA	295000	NA	4.2 B	NA	<7	NA	3.3 B J	NA	<10	NA	1090	NA	<3	NA	45700	NA
	11/4/2004	103 B J	NA	<10	NA	3.7 B	NA	63.1 B	NA	<5	NA	0.45 B J	NA	253000	NA	3.2 B	NA	1.7 B J	NA	<25	NA	<10	NA	637	NA	<3	NA	38600 J	NA
	11/14/2005	523	NA	<10	NA	45.4	NA	123 B	NA	<5	NA	<2	NA	360000 J	NA	110	NA	2.4 B	NA	4.1 B	NA	NA	NA	4110	NA	<3	NA	65000	NA
	11/9/2006	6760	NA	<10	NA	17.5	NA	79.2 B	NA	0.59 B	NA	1.1 B	NA	170000 J	NA	421	NA	13	NA	26.1	NA	NA	NA	10600	NA	6.4	NA	33500	NA
	11/15/2007	< 200	NA	< 10	NA	6.5 B	NA	152 B	NA	< 5	NA	< 2	NA	326000	NA	55.6	NA	< 7	NA	< 25	NA	NA	NA	1610	NA	< 3	NA	59300	NA

Table B-4
Summary of Inorganic Detections in Groundwater, Seep, and Surface Water Samples
Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Aluminum	Aluminum-DISS	Antimony	Antimony-DISS	Arsenic	Arsenic-DISS	Barium	Barium-DISS	Beryllium	Beryllium-DISS	Cadmium	Cadmium-DISS	Calcium	Calcium-DISS	Chromium	Chromium-DISS	Cobalt	Cobalt-DISS	Copper	Copper-DISS	Cyanide, Total	Hexavalent Chromium	Iron	Iron-DISS	Lead	Lead-DISS	Magnesium	Magnesium-DISS
Groundwater																													
UAW06-20	5/6/2001	754	NA	<10	NA	13.4	NA	105 B	NA	<5	NA	<2	NA	310000	344000	3.9 B	NA	2.6 B	NA	4.5 B	NA	<10	NA	3880	1150	<3	NA	48300	54200
	10/10/2001	391	NA	<10	NA	26.7	NA	132 B	NA	<5	NA	<2	NA	343000	294000	10.8	NA	1.5 B	NA	<25	NA	<10	NA	1330	178	<3	NA	43800	38800
	11/13/2001	330	NA	<10	NA	34.3	NA	154 B	NA	<5	NA	<2	NA	407000 J	376000 J	13.4	NA	<7	NA	<25	NA	4.2 B	NA	1020	<100	<3	NA	58000 J	52800 J
	10/20/2002	126 B J	NA	16.5	NA	30.8	NA	173 B	NA	<5	NA	<2	NA	268000 J	NA	6.2	NA	1.3 B	NA	2.7 B	NA	<10	NA	2580	NA	<3	NA	40800	NA
	11/12/2003	<200	NA	3.3 B	NA	17.8	NA	139 B J	NA	<5	NA	<2	NA	221000 J	NA	3.2 B	NA	<7	NA	<25	NA	<10	NA	1170	NA	<3	NA	35700 J	NA
	3/29/2004	91.7 B J	NA	<10	NA	20.7	NA	135 B	NA	<5	NA	<2	NA	229000	NA	3.3 B	NA	<7	NA	<25	NA	<10	<20	647	NA	<3	NA	41300	NA
	11/4/2004	84.9 B J	NA	<10	NA	20.4	NA	132 B	NA	<5	NA	0.34 B J	NA	305000	NA	<5	NA	1.5 B J	NA	<25	NA	<10	NA	2630	NA	<3	NA	45700 J	NA
	11/15/2005	<200	NA	<10	NA	21.7	NA	113 B	NA	0.45 U	NA	<2	NA	312000	NA	<5	NA	<7	NA	4.2 B	NA	NA	NA	3120	NA	<3	NA	44700	NA
	11/9/2006	999	NA	< 10	NA	16.5	NA	71.6 B	NA	0.36 B	NA	0.53 B	NA	251000 J	NA	5.7	NA	2.3 B	NA	20.3 B	NA	NA	NA	4210	NA	<3	NA	35200	NA
	11/15/2007	< 200	NA	< 10	NA	< 10	NA	114 B	NA	< 5	NA	< 2	NA	418000	NA	< 5	NA	< 7	NA	< 25	NA	NA	NA	252	NA	< 3	NA	54600	NA
UAW07-20	5/8/2001	NA	NA	<10	NA	<10	NA	90.3 B	NA	<5	NA	<2	NA	466000	453000	1.6 B	NA	<7	NA	<25	NA	<10	NA	270	<100	<3	NA	58000	57200
UAW07-20 (Dup)	5/8/2001	NA	NA	<10	NA	4.6 B	NA	95.8 B	NA	<5	NA	0.32 B	NA	496000	479000	<5	NA	<7	NA	<25	NA	<10	NA	303	<100	<3	NA	61600	60400
	11/15/2001	NA	NA	<10	NA	<10	NA	80.4 B	NA	<5	NA	<2	NA	NA	421000	<5	NA	<7	NA	87.7	NA	3.1 B	NA	NA	<100	<3	NA	NA	55200
	10/20/2002	111 B J	NA	<10	NA	3 B	NA	79.6 B	NA	<5	NA	0.39 B	NA	374000 J	NA	3.3 B	NA	<7	NA	<25	NA	<10	NA	174	NA	<3	NA	48700	NA
	11/12/2003	280	NA	<10	NA	4.9 B	NA	83.9 B J	NA	0.55 B	NA	<2	NA	391000 J	NA	3.3 B	NA	<7	NA	<25	NA	<10	NA	787 J	NA	3.7	NA	51400	NA
UAW07-20 (Dup)	11/12/2003	106 B	NA	<10	NA	3.4 B	NA	70.6 B J	NA	<5	NA	<2	NA	350000 J	NA	1.8 B	NA	<7	NA	<25	NA	<10	NA	506 J	NA	<3	NA	45100	NA
	4/5/2004	238 J	NA	<10	NA	2.6 B	NA	40.3 B J	NA	<5	NA	<2	NA	263000	NA	3.2 B	NA	<7	NA	<25	NA	<10	NA	1050	NA	<3	NA	36600 J	NA
	11/4/2004	50.7 B	NA	<10	NA	2.9 B	NA	75.4 B	NA	<5	NA	<2	NA	408000	NA	2.1 B	NA	<7	NA	<25	NA	<10	NA	55.5 B	NA	<3	NA	48700 J	NA
	11/15/2005	124 B	NA	<10	NA	<10	NA	81.2 B	NA	0.65 U	NA	0.87 B	NA	435000	NA	16.1	NA	<7	NA	<25	NA	NA	NA	454	NA	<3	NA	544000	NA
	11/6/2006	560	NA	< 10	NA	< 10	NA	32.7 B	NA	< 5	NA	4.1	NA	197000 J	NA	50.3	NA	< 7	NA	19 B J	NA	NA	NA	1820	NA	< 3	NA	30100	NA
	11/15/2007	< 200	NA	< 10	NA	< 10	NA	85.8 B	NA	< 5	NA	< 2	NA	408000	NA	< 5	NA	< 7	NA	< 25	NA	NA	NA	< 100	NA	< 3	NA	51900	NA
UAW08-20	5/6/2001	NA	NA	3.8 B	NA	36.2	NA	87.3 B	NA	<5	NA	0.44 B	NA	810000	925000	15	NA	8.7	NA	13.8 B	NA	<10	NA	4680	<100	<3	NA	179000	203000
	11/13/2001	NA	NA	<10	NA	113	NA	144 B	NA	0.96 B	NA	0.61 B	NA	969000 J	935000 J	67.6	NA	15	NA	41.9	NA	<10	NA	22000	132	15.8	NA	141000 J	129000 J
	10/20/2002	172 B J	NA	6.8 B	NA	88.4	NA	82 B	NA	<5	NA	<2	NA	988000 J	NA	28.3	NA	2 B	NA	<25	NA	<10	NA	2670	NA	<3	NA	142000	NA
	11/10/2003	31000	NA	7.8 B	NA	200	NA	262 J	NA	1.3 B	NA	21.7	NA	1040000 J	NA	173	NA	41.7	NA	333	NA	<10	NA	95500	NA	79.2	NA	289000 J	NA
	3/29/2004	193 B J	NA	4.9 B	NA	68.7	NA	73 B	NA	<5	NA	<2	NA	955000	NA	24.3	NA	1.6 B	NA	3.7 B J	NA	<10	NA	1020	NA	<3	NA	141000	NA
	11/4/2004	105 B J	NA	<10	NA	75.2	NA	84.9 B	NA	<5	NA	2.7 J	NA	1020000	NA	27.7	NA	2.9 B J	NA	<25	NA	<10	NA	1160	NA	<3	NA	134000 J	NA
	11/15/2005	84.5 B	NA	5.1 B	NA	79.7	NA	91.4 B	NA	0.45 U	NA	<2	NA	952000	NA	24.9	NA	1.8 B	NA	<25	NA	NA	NA	2240	NA	<3	NA	135000	NA
	11/9/2006	3560	NA	< 10	NA	74.3	NA	93.7 B	NA	0.58 B	NA	4.4	NA	834000 J	NA	37.8	NA	5.6 B	NA	41.9	NA	NA	NA	11200	NA	4.2	NA	143000	NA
	11/7/2007	< 200	NA	< 10	NA	44.2	NA	78 B J	NA	< 5	NA	< 2	NA	883000 J	NA	22.9	NA	< 7	NA	5 B	NA	NA	NA	313	NA	< 3	NA	147000 J	NA
UAW09-20	5/5/2001	90.6 B	NA	<10	NA	<10	NA	80.3 B	NA	<5	NA	<2	NA	108000	106000	<5	NA	<7	NA	<25	NA	<10	NA	<100	<100	<3	NA	31000	31500
	11/9/2001	<200	NA	<10	NA	<10	NA	78.7 B	NA	<5	NA	<2	NA	109000 J	101000 J	10.4	NA	1.4 B	NA	<25	NA	<10	NA	288	212	<3	NA	25000 J	23100 J
	10/16/2002	<200	NA	<10	NA	<10	NA	84.7 B	NA	<5	NA	0.85 B	NA	107000 J	NA	24.8	NA	1.2 B J	NA	<25	NA	<10	NA	130	NA	<3	NA	24900 J	NA
	11/11/2003	<200	NA	<10	NA	<10	NA	95.8 B J	NA	<5	NA	<2	NA	143000 J	NA	21.2	NA	<7	NA	<25	NA	<10	NA	76.4 B	NA	<3	NA	33500 J	NA
	4/6/2004	<200	NA	<10	NA	<10	NA	65.5 B J	NA	<5	NA	<2	NA	110000	NA	22.5	NA	<7	NA	<25	NA	<10	NA	62.5 B	NA	<3	NA	26300 J	NA
	11/6/2004	<200	NA	<10	NA	6.2 B	NA	363	NA	<5	NA	<2	NA	103000	NA	4 B	NA	<7	NA	6.7 B	NA	<10	NA	<100	NA	<3	NA	34200	NA
	11/9/2005	<200	NA	<10	NA	<10	NA	110 B	NA	0.42 B	NA	<2	NA	137000 J	NA	28.2	NA	<7	NA	<25	NA	NA	NA	118	NA	<3	NA	38200	NA
	11/3/2006	< 200	NA	< 10	NA	< 10	NA	64.6 B	NA	< 5	NA	< 2	NA	99000 J	NA	53.5	NA	< 7	NA	1.8 B J	NA	NA	NA	374	NA	< 3	NA	26300	NA
	11/15/2007	< 200	NA	< 10	NA	< 10	NA	81.9 B	NA	< 5	NA	< 2	NA	133000	NA	40.1	NA	6.5 B	NA	< 25	NA	NA	NA	1580	NA	< 3	NA	34700	NA

Table B-4
Summary of Inorganic Detections in Groundwater, Seep, and Surface Water Samples
Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Aluminum	Aluminum-DISS	Antimony	Antimony-DISS	Arsenic	Arsenic-DISS	Barium	Barium-DISS	Beryllium	Beryllium-DISS	Cadmium	Cadmium-DISS	Calcium	Calcium-DISS	Chromium	Chromium-DISS	Cobalt	Cobalt-DISS	Copper	Copper-DISS	Cyanide, Total	Hexavalent Chromium	Iron	Iron-DISS	Lead	Lead-DISS	Magnesium	Magnesium-DISS
Groundwater																													
UAW09-60	5/5/2001	142 B	NA	<10	NA	<10	NA	249	NA	<5	NA	<2	NA	91900	99300	<5	NA	<7	NA	13.7 B	NA	<10	NA	132	<100	<3	NA	31500	35300
	11/9/2001	30.4 B	NA	<10	NA	<10	NA	268	NA	<5	NA	<2	NA	88100 J	97800 J	<5	NA	<7	NA	<25	NA	<10	NA	<100	<100	<3	NA	31500 J	34900 J
	10/16/2002	<200	NA	<10	NA	5.6 B	NA	330	NA	<5	NA	<2	NA	82200 J	NA	<5	NA	1.4 B J	NA	<25	NA	<10	NA	140	NA	<3	NA	28700 J	NA
	11/11/2003	<200	NA	<10	NA	5 B	NA	364 J	NA	<5	NA	<2	NA	104000 J	NA	2 B	NA	<7	NA	<25	NA	<10	NA	71.6 B	NA	<3	NA	34900 J	NA
	4/6/2004	<200	NA	<10	NA	9.7 B	NA	411 J	NA	<5	NA	<2	NA	112000	NA	<5	NA	<7	NA	<25	NA	<10	NA	149	NA	<3	NA	36700 J	NA
	11/6/2004	<200	NA	<10	NA	<10	NA	73.4 B	NA	<5	NA	<2	NA	110000	NA	8.5	NA	<7	NA	3.8 B	NA	<10	NA	<100	NA	<3	NA	30500	NA
	11/9/2005	<200	NA	<10	NA	<10	NA	361	NA	0.35 B	NA	<2	NA	104000 J	NA	5.2	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	35900	NA
	11/3/2006	<200	NA	<10	NA	6 B	NA	370	NA	<5	NA	<2	NA	111000 J	NA	2.3 B	NA	<7	NA	3.3 B J	NA	NA	NA	<100	NA	<3	NA	37300	NA
UAW09-60 dup	11/15/2007	<200	NA	<10	NA	7.5 B	NA	354	NA	<5	NA	<2	NA	108000	NA	2.8 B	NA	<7	NA	<25	NA	NA	NA	119	NA	<3	NA	36600	NA
	11/15/2007	<200	NA	<10	NA	7.4 B	NA	351	NA	<5	NA	<2	NA	107000	NA	<5	NA	<7	NA	<25	NA	NA	NA	100	NA	<3	NA	36200	NA
UAW10-50	10/12/2001	32800	NA	<10	NA	19.2	NA	281	NA	1.9 B	NA	0.97 B	NA	271000	193000	46.7	NA	23.9	NA	61.6	NA	3 B	NA	49200	<100	21.3	NA	73100	54600
	11/13/2001	318	NA	<10	NA	<10	NA	107 B	NA	<5	NA	<2	NA	185000 J	176000 J	<5	NA	2.2 B	NA	12.3 B	NA	<10	NA	346	<100	<3	NA	55000 J	52400 J
	10/19/2002	3070 J	NA	<10	NA	<10	NA	68.1 B	NA	<5	NA	<2	NA	176000 J	NA	12.1	NA	4.4 B	NA	15.3 B	NA	2.1 B	NA	4490	NA	2.2 B	NA	58500	NA
	11/10/2003	2350	NA	<10	NA	<10	NA	60.3 B J	NA	<5	NA	<2	NA	196000 J	NA	4.3 B	NA	3.2 B	NA	4.9 B	NA	<10	NA	2810	NA	<3	NA	65200 J	NA
	3/30/2004	2610 J	NA	<10	NA	3 B	NA	55.9 B	NA	<5	NA	<2	NA	209000	NA	5	NA	3.6 B	NA	10.1 B	NA	<10	NA	3600	NA	<3	NA	60400	NA
	11/5/2004	2020	NA	<10	NA	<10	NA	51.8 B	NA	<5	NA	<2	NA	193000	NA	4.6 B	NA	3.1 B	NA	10.3 B	NA	<10	NA	2760	NA	<3	NA	57200	NA
	11/11/2005	2930	NA	<10	NA	<10	NA	55.0 B	NA	0.30 B	NA	<2	NA	184000 J	NA	4.3 B	NA	3.2 B	NA	11.2 B	NA	NA	NA	4060	NA	<3	NA	58300	NA
	11/9/2006	5830	NA	<10	NA	<10	NA	83.2 B	NA	0.63 B	NA	<2	NA	181000 J	NA	9.4	NA	5.8 B	NA	13.1 B	NA	NA	NA	8200	NA	4.2	NA	48800	NA
UAW10-50 dup	11/12/2007	1270 J	NA	4.5 B	NA	<10	NA	49.6 B	NA	<5	NA	<2	NA	139000	NA	2.8 B	NA	<7	NA	<25	NA	NA	NA	1190 J	NA	<3	NA	36400	NA
	11/12/2007	112 J	NA	<10	NA	<10	NA	385	NA	<5	NA	<2	NA	105000	NA	<5	NA	<7	NA	<25	NA	NA	NA	574 J	NA	<3	NA	31200	NA
UAW10-80	10/12/2001	1670	NA	<10	NA	5.1 B	NA	131 B	NA	<5	NA	<2	NA	181000	191000	34.8	NA	6.3 B	NA	10.1 B	NA	2.6 B	NA	4990	5360	<3	NA	57700	61000
	11/13/2001	503	NA	<10	NA	6.1 B	NA	118 B	NA	<5	NA	0.58 B	NA	192000 J	196000 J	<5	NA	3.5 B	NA	5.8 B	NA	<10	NA	6130	190	<3	NA	59700 J	60900 J
	10/19/2002	4030 J	NA	<10	NA	13.3	NA	183 B	NA	<5	NA	0.36 B	NA	117000 J	NA	25.8	NA	5.5 B	NA	6.5 B	NA	<10	NA	13200	NA	4.8	NA	37100	NA
	11/13/2003	11000	NA	<10	NA	19.5	NA	279 J	NA	1.1 B	NA	<2	NA	142000 J	NA	171	NA	12	NA	16.5 B	NA	<10	NA	24100 J	NA	9.5	NA	43100	NA
	3/30/2004	988 J	NA	<10	NA	11.5	NA	193 B	NA	<5	NA	<2	NA	132000	NA	8.1	NA	3.3 B	NA	5.8 B	NA	<10	NA	5710	NA	<3	NA	40700	NA
	11/5/2004	4210	NA	<10	NA	13.6	NA	228	NA	<5	NA	<2	NA	145000	NA	16.2	NA	6.1 B	NA	10.4 B	NA	<10	NA	12500	NA	5.4	NA	43800 J	NA
	11/16/2005	300	NA	<10	NA	7.2 B	NA	280	NA	<5	NA	<2	NA	138000	NA	1.6B	NA	2.1 B	NA	<25	NA	NA	NA	1640	NA	<3	NA	45200	NA
	11/9/2006	453	NA	<10	NA	11.4	NA	262	NA	0.35 B	NA	<2	NA	129000 J	NA	<5	NA	1.2 B	NA	<25	NA	NA	NA	8380	NA	<3	NA	40800	NA
	11/12/2007	206	NA	2.7 B	NA	17.3 U	NA	267	NA	<5	NA	<2	NA	132000 J	NA	2.8 B	NA	<7	NA	<25	NA	NA	NA	8960	NA	<3	NA	41900	NA
UAW11-10	5/8/2001	<200	NA	1060	NA	176	NA	295	NA	<5	NA	<2	NA	224000	154000	249	NA	9.6	NA	<25	NA	8.1 B	NA	50000	34500	4.4	NA	41100	28400
	11/10/2001	47.3 B	NA	62.6	NA	62.9	NA	41.3 B	NA	<5	NA	<2	NA	110000 J	116000 J	11.3	NA	1.5 B	NA	<25	NA	5.6 B	NA	3900	3140	<3	NA	45500 J	49400 J
	10/18/2002	<200	NA	8 B	NA	65.2	NA	29 B	NA	<5	NA	<2	NA	181000 J	NA	2.7 B	NA	1.1 B	NA	<25	NA	<10	NA	404	NA	<3	NA	36600 J	NA
	11/16/2003	68.1 B J	NA	4.7 B	NA	32.6	NA	23.6 B J	NA	<5	NA	1.1 B J	NA	148000 J	NA	6.2 J	NA	1.8 B J	NA	2 B J	NA	<10	NA	270	NA	<3	NA	29100 J	NA
	4/6/2004	39.6 B J	NA	<10	NA	86.1	NA	26.8 B J	NA	<5	NA	1 B	NA	183000	NA	<5	NA	1.1 B	NA	2.5 B	NA	<10	NA	554	NA	<3	NA	36900 J	NA
	11/7/2004	78.7 B J	NA	<10	NA	80.3	NA	10.7 B	NA	<5	NA	<2	NA	61000	NA	<5	NA	1.2 B	NA	<25	NA	<10	NA	183	NA	<3	NA	13500	NA
	11/10/2005	<200	NA	<10	NA	29.2	NA	38.6 B	NA	0.37 B	NA	<2	NA	164000 J	NA	<5	NA	<7	NA	<25	NA	NA	NA	146	NA	<3	NA	32800	NA
	11/2/2006	<200	NA	13	NA	65.9	NA	175 B	NA	<5	NA	0.46 B	NA	226000 J	NA	3.6 B	NA	<7	NA	2.3 B J	NA	NA	NA	977	NA	<3	NA	81900	NA
	11/16/2007	<200	NA	<10	NA	9.3 B	NA	50.7 B	NA	<5	NA	<2	NA	243000	NA	<5	NA	<7	NA	<25	NA	NA	NA	741	NA	<3	NA	38800	NA

Table B-4
Summary of Inorganic Detections in Groundwater, Seep, and Surface Water Samples
Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Aluminum	Aluminum-DISS	Antimony	Antimony-DISS	Arsenic	Arsenic-DISS	Barium	Barium-DISS	Beryllium	Beryllium-DISS	Cadmium	Cadmium-DISS	Calcium	Calcium-DISS	Chromium	Chromium-DISS	Cobalt	Cobalt-DISS	Copper	Copper-DISS	Cyanide, Total	Hexavalent Chromium	Iron	Iron-DISS	Lead	Lead-DISS	Magnesium	Magnesium-DISS
Groundwater																													
UAW11-40	5/8/2001	355	NA	2.3 B	NA	<10	NA	31.4 B	NA	<5	NA	0.61 B	NA	361000	383000	6.7	NA	12.7	NA	13.7 B	NA	<10	NA	930	<100	<3	NA	81000	85100
	11/12/2001	62 B J	NA	<10	NA	<10	NA	24.4 B	NA	<5	NA	0.51 B	NA	347000	335000	13	NA	13.2	NA	11.6 B	NA	<10	NA	<100	<100	<3	NA	79100	76500
	10/18/2002	<200	NA	<10	NA	<10	NA	26.2 B	NA	<5	NA	0.34 B	NA	318000 J	NA	24	NA	11.6	NA	6.2 B	NA	<10	NA	245	NA	<3	NA	72800 J	NA
	11/16/2003	<200	NA	<10	NA	<10	NA	24.5 B J	NA	<5	NA	1.3 B J	NA	341000 J	NA	54.6 J	NA	10.4 J	NA	9.4 B J	NA	<10	NA	650	NA	<3	NA	73000 J	NA
	4/6/2004	65.4 B J	NA	<10	NA	<10	NA	26.5 B J	NA	<5	NA	0.31 B	NA	353000	NA	8.5	NA	9.3	NA	6 B	NA	<10	NA	100	NA	<3	NA	73300 J	NA
UAW11-40 (Dup)	4/6/2004	48.1 B J	NA	<10	NA	<10	NA	25.9 B J	NA	<5	NA	0.41 B	NA	346000	NA	7.7	NA	8.6	NA	4.9 B	NA	<10	NA	92.8 B	NA	<3	NA	71200 J	NA
	11/7/2004	91.1 B J	NA	<10	NA	<10	NA	28.8 B	NA	<5	NA	0.62 B	NA	340000	NA	2.3 B	NA	11.9	NA	8 B	NA	<10	NA	56.7 B	NA	<3	NA	78600	NA
	11/10/2005	<200	NA	<10	NA	<10	NA	27.7 B	NA	0.4 B	NA	0.49 B	NA	310000 J	NA	39.2	NA	9.8	NA	9.5 B J	NA	NA	NA	849	NA	<3	NA	72900	NA
	11/2/2006	<200	NA	<10	NA	<10	NA	27.6 B	NA	<5	NA	0.56 B	NA	296000 J	NA	124	NA	10.1	NA	13 B J	NA	NA	NA	1920	NA	<3	NA	67700	NA
	11/16/2007	267	NA	<10	NA	<10	NA	56.3 B	NA	<5	NA	4.4	NA	317000	NA	535	NA	11.1	NA	15 B	NA	NA	NA	6400	NA	3.3	NA	81200	NA
UAW12-20	5/6/2001	NA	NA	<10	NA	5.8 B	NA	75.7 B	NA	<5	NA	<2	NA	727000	679000	2.2 B	NA	<7	NA	<25	NA	<10	NA	3010	141	<3	NA	54800	51300
	11/15/2001	NA	NA	<10	NA	<10	NA	20.3 B	NA	<5	NA	<2	NA	NA	648000	<5	NA	<7	NA	19.7 B	NA	5 B	NA	NA	114	<3	NA	NA	55200
	10/20/2002	102 B J	NA	<10	NA	8.9 B	NA	18.1 B	NA	<5	NA	<2	NA	742000 J	NA	3.1 B	NA	<7	NA	1.8 B	NA	<10	NA	213	NA	<3	NA	55400	NA
	11/12/2003	63.1 B	NA	<10	NA	3.8 B	NA	21.1 B J	NA	<5	NA	<2	NA	660000 J	NA	2.8 B	NA	<7	NA	<25	NA	<10	NA	296 J	NA	<3	NA	46100	NA
	3/28/2004	70.8 B J	NA	<10	NA	<10	NA	26.2 B	NA	<5	NA	0.28 B	NA	856000	NA	<5	NA	<7	NA	4.7 B J	NA	<10	NA	456	NA	<3	NA	67900	NA
	11/4/2004	<200	NA	<10	NA	<10	NA	21 B	NA	<5	NA	<2	NA	538000	NA	2.5 B	NA	<7	NA	<25	NA	<10	NA	249	NA	<3	NA	42600 J	NA
	11/14/2005	<200	NA	<10	NA	<10	NA	28.8 B	NA	<5	NA	<2	NA	807000 J	NA	1.7 B	NA	<7	NA	<25	NA	NA	NA	752	NA	<3	NA	48200	NA
	11/6/2006	<200	NA	<10	NA	5.7 B	NA	33.5 B	NA	<5	NA	0.66 B	NA	830000 J	NA	<5	NA	<7	NA	27.2 J	NA	NA	NA	2190	NA	5.7	NA	96900	NA
	11/16/2007	<200	NA	<10	NA	<10	NA	39.2 B	NA	<5	NA	<2	NA	781000	NA	<5	NA	<7	NA	12.8 B	NA	NA	NA	952	NA	<3	NA	60700	NA
UAW13-20	5/6/2001	NA	NA	<10	NA	36.1	NA	21.2 B	NA	<5	NA	<2	NA	818000	764000	3.4 B	NA	<7	NA	<25	NA	<10	NA	90.4 B	<100	<3	NA	81900	87200
	11/15/2001	NA	NA	4.2 B	NA	83.1	NA	27.4 B	NA	<5	NA	0.28 B	NA	NA	916000	315	NA	<7	NA	597	NA	8.5 B	NA	NA	<100	<3	NA	NA	103000
	10/23/2002	<200	NA	<10	NA	59.1 J	NA	20.1 B	NA	<5	NA	<2	NA	1030000	NA	110	NA	<7	NA	4.2 B	NA	2.6 B	NA	143	NA	<3	NA	96600	NA
	11/12/2003	<200	NA	<10	NA	45.2	NA	13.8 B J	NA	<5	NA	<2	NA	897000 J	NA	49.4	NA	<7	NA	<25	NA	<10	NA	142 J	NA	<3	NA	98800	NA
	3/28/2004	65.8 B J	NA	<10	NA	39.6	NA	9.1 B	NA	<5	NA	<2	NA	875000	NA	56.3	NA	<7	NA	15.9 B J	NA	<10	NA	102	NA	<3	NA	108000	NA
	11/5/2004	55.9 B	NA	<10	NA	38.2	NA	12.9 B	NA	0.79 B	NA	<2	NA	567000	NA	10.8	NA	<7	NA	<25	NA	<10	NA	<100	NA	<3	NA	109000 J	NA
	11/16/2005	<200	NA	<10	NA	33.4	NA	10.7 B	NA	<5	NA	<2	NA	828000	NA	12.9	NA	<7	NA	2.0 B	NA	NA	NA	<100	NA	<3	NA	106000	NA
	10/31/2006	<200	NA	<10	NA	27.8	NA	10 B	NA	<5	NA	<2	NA	878000 J	NA	50.3	NA	<7	NA	7.2 B J	NA	NA	NA	480	NA	<3	NA	95700	NA
	11/16/2007	<200	NA	<10	NA	26.5	NA	6.3 B	NA	<5	NA	<2	NA	797000	NA	24.3	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	74900	NA
UAW14-10	5/5/2001	286	NA	<10	NA	<10	NA	82.6 B	NA	<5	NA	<2	NA	107000	108000	<5	NA	<7	NA	13.3 B	NA	<10	NA	294	<100	<3	NA	30600	32200
	11/9/2001	177 B	NA	<10	NA	<10	NA	69.1 B	NA	<5	NA	<2	NA	110000 J	109000 J	<5	NA	<7	NA	<25	NA	1.8 B	NA	453	387	<3	NA	31700 J	31400 J
	10/16/2002	359	NA	<10	NA	<10	NA	72 B	NA	<5	NA	0.41 B	NA	100000 J	NA	4.3 B	NA	1.4 B J	NA	<25	NA	<10	NA	881	NA	<3	NA	29300 J	NA
	11/16/2003	57 B J	NA	<10	NA	6 B	NA	73.7 B J	NA	<5	NA	1.3 B J	NA	111000 J	NA	5.5 J	NA	1.8 B J	NA	4 B J	NA	<10	NA	1850	NA	<3	NA	30100 J	NA
	4/5/2004	<200	NA	<10	NA	<10	NA	59.9 B J	NA	<5	NA	<2	NA	115000	NA	10.9	NA	<7	NA	<25	NA	<10	NA	2680	NA	<3	NA	33000 J	NA
	11/6/2004	<200	NA	<10	NA	<10	NA	71.5 B	NA	<5	NA	<2	NA	104000	NA	<5	NA	<7	NA	<25	NA	<10	NA	323	NA	<3	NA	27800	NA
	11/16/2005	<200	NA	<10	NA	4.5 B	NA	57 B	NA	<5	NA	<2	NA	104000 J	NA	<5	NA	<7	NA	<25	NA	NA	NA	1530 J	NA	<3	NA	31300	NA
	11/8/2006	<200	NA	<10	NA	<10	NA	73.1 B	NA	<5	NA	<2	NA	104000 J	NA	<5	NA	<7	NA	1.9 B J	NA	NA	NA	1610	NA	<3	NA	29200	NA
	11/7/2007	170 B	NA	<10	NA	<10	NA	76.1 B J	NA	<5	NA	<2	NA	91700 J	NA	<5	NA	<7	NA	<25	NA	NA	NA	1440	NA	<3	NA	24500 J	NA

Table B-4
Summary of Inorganic Detections in Groundwater, Seep, and Surface Water Samples
Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Aluminum	Aluminum-DISS	Antimony	Antimony-DISS	Arsenic	Arsenic-DISS	Barium	Barium-DISS	Beryllium	Beryllium-DISS	Cadmium	Cadmium-DISS	Calcium	Calcium-DISS	Chromium	Chromium-DISS	Cobalt	Cobalt-DISS	Copper	Copper-DISS	Cyanide, Total	Hexavalent Chromium	Iron	Iron-DISS	Lead	Lead-DISS	Magnesium	Magnesium-DISS
Groundwater																													
UAW15-20	5/6/2001	147 B	NA	<10	NA	<10	NA	221	NA	<5	NA	0.49 B	NA	237000	253000	2 B	NA	21.4	NA	26.4	NA	<10	NA	156	<100	<3	NA	61600	65300
	11/11/2001	271 J	NA	<10	NA	<10	NA	330	NA	<5	NA	0.48 B	NA	311000	297000	8.7	NA	14.6	NA	4.9 B	NA	<10	NA	398	<100	<3	NA	77100	73700
	10/18/2002	85.5 B J	NA	<10	NA	<10	NA	145 B	NA	<5	NA	0.5 B	NA	148000 J	NA	9.7	NA	15	NA	1.8 B	NA	<10	NA	273	NA	<3	NA	37400	NA
	11/17/2003	104 B J	NA	<10	NA	<10	NA	290 J	NA	<5	NA	1.2 B J	NA	214000 J	NA	24.6 J	NA	7.6 J	NA	5 B J	NA	4.9 B	NA	218	NA	<3	NA	51900 J	NA
	4/7/2004	214 J	NA	<10	NA	<10	NA	563 J	NA	<5	NA	<2	NA	485000	NA	40.6	NA	10.1	NA	3 B	NA	<10	NA	571	NA	<3	NA	115000 J	NA
	11/7/2004	167 B J	NA	<10	NA	<10	NA	335	NA	<5	NA	0.63 B	NA	229000	NA	13.6	NA	11.1	NA	3 B	NA	6.3 B	NA	160	NA	<3	NA	58900	NA
	11/15/2005	<200	NA	<10	NA	<10	NA	275	NA	0.46 U	NA	<2	NA	206000	NA	38.3	NA	9.6	NA	3.4 B	NA	NA	NA	865	NA	<3	NA	54200	NA
	11/2/2006	< 200	NA	< 10	NA	< 10	NA	422	NA	< 5	NA	0.43 B	NA	334000 J	NA	53.6	NA	13.5	NA	9.6 B J	NA	NA	NA	826	NA	< 3	NA	88300	NA
	11/19/2007	188 B	NA	< 10	NA	< 10	NA	215 J	NA	< 5	NA	<2	NA	210000 J	NA	13.3	NA	10.5	NA	5.4 B	NA	NA	NA	747 J	NA	< 3	NA	52900 J	NA
UAW15-50	5/6/2001	147 B	NA	14.4	NA	83.5	NA	1090	NA	<5	NA	<2	NA	257000	219000	3.1 B	NA	13.7	NA	<25	NA	<10	NA	15600	407	<3	NA	107000	89800
	11/11/2001	197 B J	NA	16	NA	83	NA	960	NA	<5	NA	0.29 B	NA	250000	230000	1.9 B	NA	11	NA	<25	NA	4.3 B	NA	16400	582	<3	NA	108000	99000
	10/18/2002	88.4 B J	NA	12.2	NA	91.6	NA	766	NA	<5	NA	<2	NA	206000 J	NA	1.6 B	NA	4.1 B	NA	<25	NA	<10	NA	13000	NA	<3	NA	88700	NA
	11/17/2003	60.6 B J	NA	8.5 B	NA	71.4	NA	648 J	NA	<5	NA	1.2 B J	NA	225000 J	NA	5.4 J	NA	4.2 B J	NA	2.9 B J	NA	<10	NA	10400	NA	<3	NA	90400 J	NA
	4/7/2004	62.3 B J	NA	11.1	NA	77.1	NA	664 J	NA	<5	NA	0.53 B	NA	196000	NA	2.5 B	NA	7.8	NA	<25	NA	<10	NA	13600	NA	<3	NA	75500 J	NA
	11/7/2004	65 B J	NA	8.7 B	NA	62.6	NA	566	NA	<5	NA	0.37 B	NA	173000	NA	<5	NA	5.4 B	NA	<25	NA	<10	NA	9630	NA	<3	NA	69300	NA
UAW15-50 (Dup)	11/7/2004	62.6 B J	NA	8.4 B	NA	60.7	NA	553	NA	<5	NA	0.46 B	NA	168000	NA	<5	NA	4.8 B	NA	<25	NA	<10	NA	9420	NA	<3	NA	67400	NA
	11/15/2005	<200	NA	6.4 B	NA	62.9	NA	486	NA	0.45 B J	NA	<2	NA	157000	NA	<5	NA	3.3 B	NA	<25	NA	NA	NA	7840	NA	<3	NA	66300	NA
	11/2/2006	< 200	NA	5.9 B	NA	64.6	NA	528	NA	< 5	NA	0.8 B	NA	171000 J	NA	< 5	NA	1.6 B	NA	3.4 B J	NA	NA	NA	8140	NA	< 3	NA	65700	NA
	11/19/2007	< 200	NA	< 10	NA	44.3	NA	423 J	NA	< 5	NA	< 2	NA	151000 J	NA	< 5	NA	< 7	NA	< 25	NA	NA	NA	5180 J	NA	< 3	NA	59200 J	NA
UAW16-10	10/12/2001	98.3 B	NA	<10	NA	24.9	NA	55.5 B	NA	<5	NA	<2	NA	223000	226000	7	NA	1.9 B	NA	<25	NA	<10	NA	1300	1570	<3	NA	38900	39900
UAW16-10 (Dup)	10/12/2001	98.6 B	NA	<10	NA	23.2	NA	55.1 B	NA	<5	NA	<2	NA	221000	226000	6.9	NA	1.8 B	NA	<25	NA	<10	NA	1250	1250	<3	NA	38200	39400
	11/13/2001	94.1 B	NA	3.6 B	NA	20.6	NA	49.6 B	NA	<5	NA	<2	NA	277000 J	243000 J	4.3 B	NA	<7	NA	6.8 B	NA	<10	NA	1150	418	<3	NA	45700 J	40200 J
	10/18/2002	<200	NA	<10	NA	8.9 B	NA	56.5 B	NA	<5	NA	<2	NA	410000 J	NA	2.7 B	NA	1.2 B	NA	<25	NA	<10	NA	721	NA	<3	NA	58300 J	NA
	11/16/2003	57.3 B J	NA	<10	NA	5.1 B	NA	38.4 B J	NA	<5	NA	1.1 B J	NA	369000 J	NA	5.7 J	NA	1.7 B J	NA	2.2 B J	NA	<10	NA	603	NA	<3	NA	43100 J	NA
UAW16-10 (Dup)	11/17/2003	62.9 B J	NA	3.1 B	NA	4.7 B	NA	40.4 B J	NA	<5	NA	0.97 B J	NA	382000 J	NA	5.8 J	NA	1.6 B J	NA	2.3 B J	NA	<10	NA	634	NA	<3	NA	45100 J	NA
	4/7/2004	<200	NA	<10	NA	<10	NA	33.5 B J	NA	<5	NA	<2	NA	329000	NA	<5	NA	<7	NA	<25	NA	<10	NA	529	NA	<3	NA	36200 J	NA
	11/7/2004	63.3 B J	NA	<10	NA	<10	NA	28 B	NA	<5	NA	<2	NA	261000	NA	<5	NA	<7	NA	<25	NA	<10	NA	340	NA	<3	NA	30100	NA
	11/15/2005	<200	NA	<10	NA	10.3	NA	35.6 B	NA	0.42 U	NA	<2	NA	308000	NA	<5	NA	<7	NA	<25	NA	NA	NA	70.7 B	NA	<3	NA	34300	NA
	11/6/2006	< 200	NA	< 10	NA	< 10	NA	32.5 B	NA	< 5	NA	< 2	NA	251000 J	NA	< 5	NA	< 7	NA	< 25	NA	NA	NA	255	NA	< 3	NA	44100	NA
	11/19/2007	< 200	NA	< 10	NA	< 10	NA	43.8 B J	NA	< 5	NA	< 2	NA	257000 J	NA	< 5	NA	< 7	NA	< 25	NA	NA	NA	502 J	NA	< 3	NA	40900 J	NA
UAW17-40	5/5/2001	955	NA	<10	NA	7.6 B	NA	216	NA	<5	NA	<2	NA	102000	102000	2 B	NA	<7	NA	<25	NA	<10	NA	3720	<100	<3	NA	31400	33200
	11/9/2001	395	NA	<10	NA	16.2	NA	177 B	NA	<5	NA	<2	NA	116000 J	116000 J	2.5 B	NA	<7	NA	<25	NA	<10	NA	4700	4760	<3	NA	36900 J	36900 J
	10/16/2002	333	NA	<10	NA	17.9	NA	121 B	NA	5	NA	<2	NA	108000 J	NA	1.6 B	NA	1.7 B	NA	<25	NA	<10	NA	3930	NA	<3	NA	33700 J	NA
	11/16/2003	63.3 B J	NA	<10	NA	19.1	NA	117 B J	NA	<5	NA	1 B J	NA	111000 J	NA	4.5 B J	NA	1.9 B J	NA	2.9 B J	NA	<10	NA	3450	NA	<3	NA	33000 J	NA
	3/31/2004	166 B	NA	<10	NA	10.9	NA	100 B	NA	<5	NA	<2	NA	102000 J	NA	4.6 B	NA	<7	NA	<25	NA	<10	NA	1510	NA	<3	NA	30900 J	NA
	11/6/2004	27.6 B	NA	<10	NA	14.2	NA	135 B	NA	<5	NA	<2	NA	110000	NA	<5	NA	<7	NA	2.5 B	NA	<10	NA	3030	NA	<3	NA	33000	NA
	11/14/2005	<200	NA	<10	NA	8.5 B	NA	134 B	NA	<5	NA	<2	NA	110000 J	NA	<5	NA	<7	NA	<25	NA	NA	NA	2580	NA	<3	NA	34500	NA
	10/31/2006	48.2 B	NA	< 10	NA	8.3 B	NA	134 B	NA	< 5	NA	< 2	NA	115000 J	NA	< 5	NA	< 7	NA	2 B J	NA	NA	NA	2450	NA	< 3	NA	34800	NA
	11/19/2007	< 200	NA	< 10	NA	< 10	NA	187 B J	NA	< 5	NA	< 2	NA	98300 J	NA	< 5	NA	< 7	NA	< 25	NA	NA	NA	1600 J	NA	< 3	NA	30900 J	NA

Table B-4
Summary of Inorganic Detections in Groundwater, Seep, and Surface Water Samples
Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Aluminum	Aluminum-DISS	Antimony	Antimony-DISS	Arsenic	Arsenic-DISS	Barium	Barium-DISS	Beryllium	Beryllium-DISS	Cadmium	Cadmium-DISS	Calcium	Calcium-DISS	Chromium	Chromium-DISS	Cobalt	Cobalt-DISS	Copper	Copper-DISS	Cyanide, Total	Hexavalent Chromium	Iron	Iron-DISS	Lead	Lead-DISS	Magnesium	Magnesium-DISS
Groundwater																													
UAW18-20	10/12/2001	97.9 B	NA	<10	NA	12	NA	169 B	NA	<5	NA	0.31 B	NA	73100	72200	1.5 B	NA	2 B	NA	<25	NA	4.7 B	NA	5340	5300	<3	NA	13900	13800
UAW18-20	11/13/2001	60.8 B	NA	<10	NA	11.7	NA	186 B	NA	<5	NA	<2	NA	89100 J	81900 J	<5	NA	1.8 B	NA	<25	NA	5.4 B	NA	4800	<100	<3	NA	16800 J	15600 J
	10/18/2002	<200	NA	<10	NA	13.1	NA	49.5 B	NA	<5	NA	<2	NA	23600 J	NA	2 B	NA	2.2 B	NA	<25	NA	<10	NA	1570	NA	<3	NA	6820 J	NA
	11/16/2003	70.5 B J	NA	<10	NA	17.8	NA	197 B J	NA	<5	NA	1 B J	NA	99800 J	NA	4.9 B J	NA	1.8 B J	NA	2.6 B J	NA	<10	NA	1710	NA	<3	NA	39900 J	NA
	4/7/2004	40.6 B J	NA	<10	NA	8.2 B	NA	299 J	NA	<5	NA	<2	NA	216000	NA	<5	NA	<7	NA	<25	NA	<10	NA	3300	NA	<3	NA	81500 J	NA
	11/7/2004	104 B J	NA	<10	NA	32.3	NA	759	NA	<5	NA	<2	NA	469000	NA	<5	NA	<7	NA	<25	NA	<10	NA	3370	NA	<3	NA	105000	NA
	11/15/2005	263	NA	<10	NA	<10	NA	65 B	NA	0.47 U	NA	<2	NA	75800	NA	<5	NA	2.3 B	NA	2.3 B	NA	NA	NA	1120	NA	<3	NA	12300	NA
	11/6/2006	118 B	NA	<10	NA	26.9	NA	153 B	NA	<5	NA	<2	NA	108000 J	NA	<5	NA	<7	NA	4 B J	NA	NA	NA	1690	NA	<3	NA	25000	NA
	11/16/2007	124 B	NA	<10	NA	7.7 B	NA	416	NA	<5	NA	<2	NA	204000	NA	<5	NA	<7	NA	<25	NA	NA	NA	2990	NA	<3	NA	45000	NA
UAW19-80	5/6/2001	150 B	NA	<10	NA	<10	NA	112 B	NA	<5	NA	0.33 B	NA	194000	191000	1.4 B	NA	<7	NA	<25	NA	<10	NA	363	<100	<3	NA	58700	55400
	11/12/2001	1010 J	NA	<10	NA	<10	NA	113 B	NA	<5	NA	<2	NA	177000	186000	19.6	NA	1.4 B	NA	12.4 B	NA	<10	NA	1700	<100	<3	NA	52700	55400
UAW19-80 (Dup)	11/12/2001	65.4 B J	NA	<10	NA	<10	NA	25.4 B	NA	<5	NA	0.62 B	NA	358000	349000	11.8	NA	13.3	NA	12.1 B	NA	<10	NA	<100	<100	<3	NA	81600	79200
	10/17/2002	406	NA	<10	NA	<10	NA	107 B	NA	<5	NA	<2	NA	197000 J	NA	6.5	NA	0.84 B	NA	<25	NA	<10	NA	592	NA	<3	NA	57700 J	NA
UAW19-80 (Dup)	10/17/2002	345	NA	<10	NA	<10	NA	110 B	NA	<5	NA	<2	NA	194000 J	NA	6.3	NA	0.89 B	NA	<25	NA	<10	NA	544	NA	<3	NA	57100 J	NA
	11/13/2003	76.3 B	NA	<10	NA	<10	NA	88.9 B J	NA	0.72 B	NA	<2	NA	196000 J	NA	5.8	NA	<7	NA	<25	NA	<10	NA	138 J	NA	<3	NA	56600	NA
	3/30/2004	423	NA	<10	NA	<10	NA	95.7 B	NA	<5	NA	<2	NA	213000 J	NA	5.2	NA	<7	NA	<25	NA	<10	NA	549	NA	<3	NA	61100 J	NA
	11/5/2004	51.4 B	NA	<10	NA	<10	NA	83.4 B	NA	<5	NA	<2	NA	201000	NA	<5	NA	<7	NA	<25	NA	<10	NA	116	NA	<3	NA	59000 J	NA
UAW19-80N	11/11/2005	86.8 B	NA	<10	NA	<10	NA	81.5 B	NA	<5	NA	<2	NA	190000 J	NA	<5	NA	<7	NA	<25	NA	NA	NA	115	NA	<3	NA	58000	NA
UAW19-80FD(DUP)	11/11/2005	79.8 B	NA	<10	NA	<10	NA	79.7 B	NA	<5	NA	<2	NA	186000 J	NA	<5	NA	<7	NA	<25	NA	NA	NA	120	NA	<3	NA	57000	NA
	11/8/2006	1970	NA	<10	NA	<10	NA	108 B	NA	<5	NA	<2	NA	213000 J	NA	16.1	NA	<7	NA	5.3 B J	NA	NA	NA	3230	NA	2.2 B	NA	63700	NA
	11/14/2007	<200	NA	<10	NA	<10	NA	79.9 B	NA	<5	NA	<2	NA	202000 J	NA	<5	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	59400	NA
UAW20-60	5/7/2001	200	NA	<10	NA	<10	NA	149 B	NA	<5	NA	<2	NA	390000	482000	4.1 B	NA	3 B	NA	16.8 B	NA	<10	NA	268	<100	<3	NA	97400	122000
	11/14/2001	<200	NA	<10	NA	<10	NA	26.5 B	NA	<5	NA	0.3 B	NA	446000	430000	<5	NA	2.3 B	NA	5.8 B	NA	2.9 B	NA	<100	<100	<3	NA	124000 J	120000 J
UAW20-60 (Dup)	11/14/2001	70.6 B J	NA	2.8 B	NA	<10	NA	26.1 B	NA	<5	NA	0.33 B	NA	436000	431000	<5	NA	2.2 B	NA	5.3 B	NA	1.9 B	NA	175	<100	<3	NA	123000 J	121000 J
	10/19/2002	76.5 B J	NA	<10	NA	<10	NA	20.8 B	NA	<5	NA	0.4 B	NA	373000 J	NA	6	NA	1.6 B	NA	<25	NA	<10	NA	50.3 B	NA	<3	NA	104000	NA
UAW20-60 (Dup)	10/19/2002	102 B J	NA	<10	NA	20.8	NA	69 B	NA	<5	NA	<2	NA	242000 J	NA	4.7 B	NA	0.81 B	NA	<25	NA	<10	NA	939	NA	<3	NA	36600	NA
	11/13/2003	<200	NA	<10	NA	<10	NA	19.9 B J	NA	0.6 B	NA	<2	NA	377000 J	NA	2.2 B	NA	1.2 B	NA	<25	NA	<10	NA	<100	NA	<3	NA	96900	NA
	3/30/2004	59.4 B J	NA	<10	NA	<10	NA	18.4 B	NA	<5	NA	0.57 B	NA	385000	NA	43.3	NA	2.1 B	NA	3.9 B	NA	<10	NA	333	NA	<3	NA	99400	NA
	11/5/2004	<200	NA	<10	NA	<10	NA	18.5 B	NA	<5	NA	<2	NA	422000	NA	1.9 B	NA	<7	NA	<25	NA	<10	NA	<100	NA	<3	NA	109000 J	NA
	11/11/2005	<200	NA	<10	NA	<10	NA	19.8 B	NA	<5	NA	<2	NA	423000 J	NA	<5	NA	<7	NA	<25	NA	NA	NA	148	NA	<3	NA	120000	NA
	11/7/2006	<200	NA	<10	NA	<10	NA	21.5 B	NA	<5	NA	0.87 B	NA	355000 J	NA	5.7	NA	<7	NA	3.9 B J	NA	NA	NA	758	NA	<3	NA	100000	NA
	11/15/2007	<200	NA	<10	NA	4.2 B	NA	20.4 B	NA	<5	NA	1 B	NA	343000	NA	4.7 B	NA	2.7 B	NA	6 B	NA	NA	NA	306	NA	<3	NA	97000	NA
UAW21-30	5/5/2001	832	NA	<10	NA	<10	NA	125 B	NA	<5	NA	<2	NA	153000	191000	1.5 B	NA	1.3 B	NA	9.9 B	NA	<10	NA	923	<100	<3	NA	40200	50200
	11/11/2001	3170 J	NA	2.5 B	NA	<10	NA	55.4 B	NA	<5	NA	<2	NA	109000	107000	670	NA	6.5 B	NA	24.2 B	NA	3.4 B	NA	5520	<100	2.7 B	NA	27000	25400
	10/18/2002	1500	NA	<10	NA	<10	NA	51.6 B	NA	<5	NA	<2	NA	105000 J	NA	349	NA	18.7	NA	7.9 B	NA	<10	NA	4500	NA	2.1 B	NA	28200 J	NA
	11/11/2003	4660	NA	<10	NA	5.6 B	NA	60.1 B J	NA	<5	NA	<2	NA	121000 J	NA	348	NA	8.5	NA	15.3 B	NA	<10	NA	8000	NA	4.8	NA	32200 J	NA
	3/27/2004	1570 J	NA	<10	NA	3.1 B	NA	52 B	NA	<5	NA	<2	NA	115000	NA	209	NA	4.9 B	NA	15.8 B J	NA	<10	NA	3720	NA	<3	NA	30800	NA
	11/3/2004	1650	NA	<10	NA	<10	NA	51.6 B	NA	<5	NA	<2	NA	105000	NA	172	NA	6.8 B	NA	19.5 B	NA	<10	NA	4030	NA	4	NA	27500	NA
	11/9/2005	283	NA	<10	NA	<10	NA	53.8 B	NA	0.32 B	NA	<2	NA	114000 J	NA	63.6	NA	4.2 B	NA	3.0 B J	NA	NA	NA	829	NA	<3	NA	30300	NA
	11/9/2006	7270	NA	<10	NA	7 B	NA	113 B	NA	0.75 B	NA	<2	NA	140000 J	NA	7230	NA	91.4	NA	157	NA	NA	NA	56500	NA	11.4	NA	39700	NA
	11/6/2007	<200	NA	<10	NA	<10	NA	108 B J	NA	<5	NA	<2	NA	165000 J	NA	450	NA	11.5 U	NA	20.9 B	NA	NA	NA	7580	NA	<3	NA	42200 J	NA

Table B-4
Summary of Inorganic Detections in Groundwater, Seep, and Surface Water Samples
Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Aluminum	Aluminum-DISS	Antimony	Antimony-DISS	Arsenic	Arsenic-DISS	Barium	Barium-DISS	Beryllium	Beryllium-DISS	Cadmium	Cadmium-DISS	Calcium	Calcium-DISS	Chromium	Chromium-DISS	Cobalt	Cobalt-DISS	Copper	Copper-DISS	Cyanide, Total	Hexavalent Chromium	Iron	Iron-DISS	Lead	Lead-DISS	Magnesium	Magnesium-DISS
Groundwater																													
UAW21-80	5/5/2001	271	NA	<10	NA	24.2	NA	258	NA	<5	NA	<2	NA	135000	127000	<5	NA	<7	NA	<25	NA	<10	NA	2020	<100	<3	NA	42800	42200
	11/11/2001	282	NA	<10	NA	42.6	NA	231	NA	<5	NA	<2	NA	136000 J	142000 J	2.1 B	NA	<7	NA	<25	NA	<10	NA	2990	<100	<3	NA	44500	46300
	10/18/2002	486	NA	<10	NA	45.5	NA	232	NA	<5	NA	<2	NA	143000 J	NA	9.7	NA	2.2 B	NA	<25	NA	<10	NA	3780	NA	<3	NA	45400 J	NA
	11/11/2003	<200	NA	<10	NA	45.5	NA	230 J	NA	<5	NA	<2	NA	162000 J	NA	1.6 B	NA	<7	NA	<25	NA	<10	NA	2820	NA	<3	NA	50200 J	NA
	3/27/2004	69.5 B J	NA	<10	NA	44.2	NA	222	NA	<5	NA	<2	NA	147000	NA	<5	NA	1 B	NA	<25	NA	<10	NA	2610	NA	<3	NA	45800	NA
	11/3/2004	<200	NA	<10	NA	41.7	NA	215	NA	<5	NA	<2	NA	144000	NA	<5	NA	<7	NA	<25	NA	<10	NA	2460	NA	<3	NA	44700	NA
	11/3/2004	<200	NA	<10	NA	41.7	NA	215	NA	<5	NA	<2	NA	144000	NA	<5	NA	<7	NA	<25	NA	<10	NA	2460	NA	<3	NA	44700	NA
	11/8/2005	58.5 B	NA	<10	NA	38.8	NA	208	NA	<5	NA	<2	NA	132000 J	NA	<5	NA	<7	NA	<25	NA	<10	NA	2360	NA	1.8 B	NA	42500	NA
	11/8/2006	125 B	NA	<10	NA	45.8	NA	223	NA	<5	NA	<2	NA	142000 J	NA	2.1 B	NA	<7	NA	2.2 B J	NA	NA	NA	2800	NA	<3	NA	45700	NA
	11/6/2007	<200	NA	<10	NA	14.8	NA	162 B J	NA	<5	NA	<2	NA	83800 J	NA	<5	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	31000 J	NA
UAW22-20	10/13/2001	12100	NA	<10	NA	14.3	NA	182 B	NA	0.9 B	NA	0.29 B	NA	283000	229000	22.2	NA	8.5	NA	29.2	NA	<10	NA	41400	169	12.2	NA	68000	46600
	11/13/2001	14700	NA	<10	NA	15.9	NA	174 B	NA	1.1 B	NA	0.47 B	NA	351000 J	244000 J	27.1	NA	10.6	NA	34.4	NA	2.5 B	NA	31600	253	15.4	NA	97200 J	50200 J
	10/20/2002	642 J	NA	<10	NA	22.3	NA	103 B	NA	<5	NA	<2	NA	156000 J	NA	1.8 B	NA	2.2 B	NA	<25	NA	<10	NA	5000	NA	<3	NA	36500	NA
	11/10/2003	478	NA	<10	NA	7.4 B	NA	189 B J	NA	<5	NA	0.41 B	NA	352000 J	NA	3.8 B	NA	1.7 B	NA	3 B	NA	<10	NA	12200	NA	<3	NA	69200 J	NA
	3/29/2004	1540 J	NA	<10	NA	5.3 B	NA	182 B	NA	<5	NA	0.38 B	NA	298000	NA	2.8 B	NA	1.6 B	NA	4.8 B J	NA	<10	NA	12900	NA	<3	NA	65400	NA
	11/4/2004	128 B J	NA	<10	NA	4.4 B	NA	145 B	NA	<5	NA	0.44 B J	NA	363000	NA	<5	NA	1.8 B J	NA	<25	NA	<10	NA	11600	NA	<3	NA	70000 J	NA
	11/15/2005	410	NA	4.6 B	NA	6.8 B	NA	233	NA	<5	NA	<2	NA	415000 J	NA	3.6 B	NA	<7	NA	3.4 B	NA	NA	NA	11400	NA	2.6 B	NA	75900	NA
	11/9/2006	4950	NA	<10	NA	<10	NA	136 B	NA	0.62 B	NA	3.4	NA	238000 J	NA	13.3	NA	5 B	NA	47.6	NA	NA	NA	15100	NA	8.6	NA	56100	NA
	11/16/2007	100 B	NA	<10	NA	18.9	NA	438	NA	<5	NA	<2	NA	296000	NA	2.5 B	NA	<7	NA	9.8 B	NA	NA	NA	43000	NA	<3	NA	62200	NA
UAW23-20	10/12/2001	117 B	NA	<10	NA	<10	NA	29.6 B	NA	<5	NA	<2	NA	408000	403000	6.9	NA	<7	NA	<25	NA	<10	NA	154	109	<3	NA	97200	96200
	11/14/2001	<200	NA	<10	NA	<10	NA	25 B	NA	<5	NA	<2	NA	394000	390000	5.6	NA	6.2 B	NA	<25	NA	2.1 B	NA	1980	488	<3	NA	90900 J	90700 J
	10/19/2002	128 B J	NA	<10	NA	<10	NA	21.7 B	NA	<5	NA	0.56 B	NA	305000 J	NA	54.2	NA	6.7 B	NA	2.5 B	NA	<10	NA	2860	NA	<3	NA	68000	NA
	11/13/2003	<200	NA	<10	NA	3 B	NA	19.9 B J	NA	<5	NA	<2	NA	309000 J	NA	32.4	NA	12.1	NA	<25	NA	<10	NA	3750 J	NA	<3	NA	66900	NA
	3/28/2004	771 J	NA	<10	NA	<10	NA	36.9 B	NA	<5	NA	0.79 B	NA	322000	NA	932	NA	3.6 B	NA	25.4 J	NA	<10	NA	8010	NA	<3	NA	71000	NA
	11/5/2004	<200	NA	<10	NA	<10	NA	25.8 B	NA	<5	NA	<2	NA	358000	NA	35.7	NA	1.3 B	NA	<25	NA	<10	NA	562	NA	<3	NA	75900 J	NA
	11/14/2005	<200	NA	<10	NA	<10	NA	38.2 B	NA	<5	NA	<2	NA	347000 J	NA	154	NA	6.3 B	NA	2.5 B	NA	NA	NA	3390	NA	<3	NA	78300	NA
	11/6/2006	<200	NA	<10	NA	<10	NA	35.4 B	NA	<5	NA	<2	NA	361000 J	NA	209	NA	1.9 B	NA	2.6 B J	NA	NA	NA	3420	NA	<3	NA	80600	NA
	11/13/2007	<200	NA	9.7 B	NA	<10	NA	28.8 B	NA	<5	NA	<2	NA	329000 J	NA	103	NA	2.1 B	NA	<25	NA	NA	NA	4270	NA	<3	NA	71600	NA
UAW24-70	10/13/2001	251	NA	<10	NA	<10	NA	213	NA	<5	NA	<2	NA	128000	129000	2.1 B	NA	<7	NA	<25	NA	<10	NA	355	482	<3	NA	39900	40500
	11/15/2001	358 J	NA	<10	NA	<10	NA	145 B J	NA	<5	NA	<2	NA	71500 J	76500 J	4 B	NA	<7	NA	<25	NA	3.2 B	NA	1030	<100	<3	NA	31500	31500
	10/17/2002	365	NA	<10	NA	6.7 B	NA	227	NA	<5	NA	<2	NA	83100 J	NA	8.3	NA	1.6 B	NA	<25	NA	<10	NA	1270	NA	<3	NA	37300 J	NA
	11/16/2003	<200	NA	<10	NA	12	NA	167 B J	NA	<5	NA	1.2 B J	NA	63300 J	NA	6.5 J	NA	2.2 B J	NA	2.2 B J	NA	<10	NA	843	NA	<3	NA	27400 J	NA
	4/5/2004	<200	NA	<10	NA	11.4	NA	249 J	NA	<5	NA	<2	NA	86300	NA	2.1 B	NA	<7	NA	<25	NA	<10	NA	1310	NA	<3	NA	33600 J	NA
	11/6/2004	<200	NA	<10	NA	4.5 B	NA	260	NA	<5	NA	<2	NA	106000	NA	<5	NA	<7	NA	<25	NA	<10	NA	998	NA	<3	NA	36100	NA
	11/16/2005	74.3 B	NA	<10	NA	15.4	NA	233	NA	<5	NA	<2	NA	83300	NA	<5	NA	<7	NA	<25	NA	NA	NA	1120	NA	<3	NA	33900	NA
	10/31/2006	574	NA	<10	NA	14.4	NA	280	NA	<5	NA	<2	NA	102000 J	NA	3.2 B	NA	<7	NA	3.2 B J	NA	NA	NA	2260	NA	<3	NA	37000	NA
	11/7/2007	<200	NA	<10	NA	<10	NA	119 B J	NA	<5	NA	<2	NA	8270 J	NA	<5	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	2600 B J	NA

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Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Aluminum	Aluminum-DISS	Antimony	Antimony-DISS	Arsenic	Arsenic-DISS	Barium	Barium-DISS	Beryllium	Beryllium-DISS	Cadmium	Cadmium-DISS	Calcium	Calcium-DISS	Chromium	Chromium-DISS	Cobalt	Cobalt-DISS	Copper	Copper-DISS	Cyanide, Total	Hexavalent Chromium	Iron	Iron-DISS	Lead	Lead-DISS	Magnesium	Magnesium-DISS
Groundwater																													
UAW25-20	10/13/2001	383	NA	<10	NA	26.1	NA	171 B	NA	<5	NA	0.38 B	NA	239000	239000	2.6 B	NA	3 B	NA	11.4 B	NA	<10	NA	3550	3530	<3	NA	43200	43300
	11/13/2001	60.2 B	NA	<10	NA	32.4	NA	162 B	NA	<5	NA	<2	NA	223000 J	200000 J	10.5	NA	2.6 B	NA	9 B	NA	<10	NA	6370	327	<3	NA	41800 J	37300 J
	10/18/2002	<200	NA	<10	NA	21.7	NA	186 B	NA	<5	NA	<2	NA	232000 J	NA	7.5	NA	1.5 B	NA	<25	NA	2.8 B	NA	5760	NA	<3	NA	49000 J	NA
	11/12/2003	<200	NA	<10	NA	28.4	NA	250 J	NA	<5	NA	<2	NA	277000 J	NA	43	NA	<7	NA	5.2 B	NA	<10	NA	11100	NA	<3	NA	55000 J	NA
	3/27/2004	246 J	NA	<10	NA	26.6	NA	176 B	NA	<5	NA	<2	NA	199000	NA	505	NA	1.9 B	NA	14.4 B J	NA	<10	NA	10400	NA	<3	NA	40600	NA
	11/3/2004	<200	NA	<10	NA	14.3	NA	228	NA	<5	NA	<2	NA	277000	NA	6.2	NA	1.4 B	NA	4.8 B	NA	<10	NA	7380	NA	<3	NA	58500	NA
	11/9/2005	<200	NA	<10	NA	16.3	NA	330	NA	0.34 B	NA	<2	NA	291000 J	NA	5.5	NA	<7	NA	<25	NA	NA	NA	10000	NA	<3	NA	62900	NA
	11/8/2006	<200	NA	<10	NA	57.1	NA	387	NA	<5	NA	0.87 B	NA	219000 J	NA	281	NA	1.5 B	NA	11.1 B J	NA	NA	NA	30300	NA	<3	NA	44700	NA
	11/8/2007	<200	NA	<10	NA	22.4	NA	191 B J	NA	<5	NA	<2	NA	145000 J	NA	103	NA	<7	NA	<25	NA	NA	NA	9250	NA	<3	NA	27500 J	NA
UAW26-70	4/6/2004	379 J	NA	<10	NA	5.1 B	NA	443 J	NA	<5	NA	<2	NA	163000	NA	2.8 B	NA	1.4 B	NA	<25	NA	<10	NA	3290	NA	1.7 B	NA	49900 J	NA
	11/6/2004	<200	NA	<10	NA	8.6 B	NA	266	NA	<5	NA	<2	NA	140000	NA	<5	NA	<7	NA	<25	NA	<10	NA	3180	NA	<3	NA	44300	NA
	11/9/2005	87.5 B	NA	<10	NA	13.2	NA	295	NA	0.34 B	NA	<2	NA	136000 J	NA	1.7 B	NA	<7	NA	<25	NA	NA	NA	2650	NA	<3	NA	43200	NA
	11/7/2006	<200	NA	<10	NA	9.5 B	NA	265	NA	<5	NA	<2	NA	146000 J	NA	<5	NA	<7	NA	<25	NA	NA	NA	3180	NA	<3	NA	47600	NA
	11/14/2007	1140	NA	6.5 B	NA	<10	NA	47.5 B	NA	<5	NA	<2	NA	132000 J	NA	2.8 B	NA	<7	NA	<25	NA	NA	NA	1110	NA	<3	NA	34200	NA
UAW27-50	3/31/2004	40.7 B	NA	<10	NA	<10	NA	138 B	NA	<5	NA	<2	NA	236000 J	NA	5.5	NA	1.5 B	NA	<25	NA	<10	NA	291	NA	<3	NA	67800 J	NA
	11/5/2004	169 B	NA	<10	NA	<10	NA	104 B	NA	<5	NA	<2	NA	199000	NA	4.8 B	NA	<7	NA	2.8 B	NA	<10	NA	85.3 B	NA	<3	NA	56900	NA
	11/11/2005	<200	NA	<10	NA	<10	NA	93.6 B	NA	<5	NA	<2	NA	187000 J	NA	<5	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	57200	NA
	11/1/2006	<200	NA	<10	NA	<10	NA	99 B	NA	<5	NA	<2	NA	160000 J	NA	2.4 B	NA	<7	NA	2.6 B J	NA	NA	NA	98.3 B	NA	<3	NA	44800	NA
	11/13/2007	251	NA	<10	NA	<10	NA	91.4 B	NA	<5	NA	<2	NA	179000 J	NA	34.3	NA	<7	NA	<25	NA	NA	NA	1370	NA	<3	NA	50900	NA
LAW05-60	3/16/2002	NA	NA	<10	NA	<10	NA	87.5 B	NA	<5	NA	<2	NA	NA	NA	1.6 B	NA	3.2 B	NA	<25	NA	<10	NA	NA	NA	<3	NA	NA	NA
LAW05-150	3/16/2002	NA	NA	<10	NA	6.2 B	NA	94.3 B	NA	0.55 B	NA	<2	NA	NA	NA	<5	NA	<7	NA	<25	NA	<10	NA	NA	NA	<3	NA	NA	NA
LAW05-150 (Dup)	3/16/2002	NA	NA	<10	NA	4.6 B	NA	94.7 B	NA	<5	NA	<2	NA	NA	NA	<5	NA	<7	NA	<25	NA	<10	NA	NA	NA	<3	NA	NA	NA
LAW12-60	10/13/2001	NA	NA	<10	NA	<10	NA	113 B	NA	<5	NA	<2	NA	133000	128000	6.9	NA	2.5 B	NA	<25	NA	<10	NA	888	621	<3	NA	41200	39800
LAW12-60	11/16/2001	NA	NA	<10	NA	<10	NA	127 B J	NA	<5	NA	<2	NA	120000 J	104000 J	4.1 B	NA	<7	NA	10.7 B	NA	<10	NA	374	<100	<3	NA	46200	41000
20061102CINEB-1	11/2/2006	<200	NA	<10	NA	<10	NA	<200	NA	<5	NA	<2	NA	132 B J	NA	<5	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	<5000	NA
20061106CINEB-1	11/6/2006	<200	NA	<10	NA	<10	NA	<200	NA	<5	NA	<2	NA	222 B J	NA	<5	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	<5000	NA
20061106CINFB-1	11/6/2006	<200	NA	<10	NA	<10	NA	<200	NA	<5	NA	<2	NA	<5000	NA	<5	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	<5000	NA
20061108CINFB-1	11/8/2006	<200	NA	<10	NA	<10	NA	<200	NA	<5	NA	<2	NA	83.4 B J	NA	<5	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	<5000	NA
20071107CINEB-1	11/7/2007	<200	NA	<10	NA	<10	NA	<200	NA	<5	NA	<2	NA	<5000	NA	<5	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	<5000	NA
20071107CINFB-1	11/7/2007	<200	NA	<10	NA	<10	NA	<200	NA	<5	NA	<2	NA	<5000	NA	<5	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	<5000	NA
20071115CINEB-2	11/15/2007	<200	NA	2.4 B	NA	<10	NA	<200	NA	<5	NA	<2	NA	<5000	NA	<5	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	<5000	NA
20071115CINFB-2	11/15/2007	<200	NA	<10	NA	<10	NA	<200	NA	<5	NA	<2	NA	<5000	NA	<5	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	<5000	NA
French Drain Sump @ 46 hr	10/19/2002	87.2 B J	NA	3.9 B	NA	14.2	NA	256	NA	<5	NA	<2	NA	240000 J	NA	5.5	NA	2.5 B	NA	9.1 B	NA	<10	NA	1940	NA	<3	NA	39800	NA
French Drain Sump @ 72 hr	10/20/2002	191 B J	NA	3.5 B	NA	15.9	NA	261	NA	<5	NA	<2	NA	243000 J	NA	4.1 B	NA	1.9 B	NA	16.8 B	NA	<10	NA	1800	NA	<3	NA	40700	NA

Table B-4
Summary of Inorganic Detections in Groundwater, Seep, and Surface Water Samples
Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Aluminum	Aluminum-DISS	Antimony	Antimony-DISS	Arsenic	Arsenic-DISS	Barium	Barium-DISS	Beryllium	Beryllium-DISS	Cadmium	Cadmium-DISS	Calcium	Calcium-DISS	Chromium	Chromium-DISS	Cobalt	Cobalt-DISS	Copper	Copper-DISS	Cyanide, Total	Hexavalent Chromium	Iron	Iron-DISS	Lead	Lead-DISS	Magnesium	Magnesium-DISS
Groundwater																													
Surface Water																													
WS-1A	3/25/2004	NA	NA	NA	<10	NA	<10	NA	56.6 B J	NA	0.78 B J	NA	<2	NA	NA	NA	<5	NA	<7	NA	6.7 B J	<10	NA	NA	NA	NA	<3	NA	NA
WS-2A	3/26/2004	NA	NA	<10	NA	<10	NA	57.2 B J	NA	0.7 B J	NA	<2	NA	NA	NA	<5	NA	<7	NA	6.3 B J	NA	<10	NA	NA	NA	<3	NA	NA	NA
WS-3A	3/26/2004	NA	NA	<10	NA	<10	NA	59.2 B J	NA	0.66 B J	NA	<2	NA	NA	NA	<5	NA	<7	NA	5.4 B J	NA	<10	NA	NA	NA	<3	NA	NA	NA
WS-4A	3/26/2004	NA	NA	<10	NA	<10	NA	61.8 B J	NA	0.67 B J	NA	<2	NA	NA	NA	<5	NA	<7	NA	6.2 B J	NA	<10	NA	NA	NA	<3	NA	NA	NA
WS-5A	3/25/2004	NA	NA	NA	<10	NA	<10	NA	54.6 B J	NA	0.74 B J	NA	<2	NA	NA	NA	<5	NA	1.1 B	NA	6.6 B J	<10	NA	NA	NA	NA	<3	NA	NA
WS-6A	3/25/2004	NA	NA	NA	<10	NA	<10	NA	53 B J	NA	0.76 B J	NA	<2	NA	NA	NA	<5	NA	<7	NA	5.9 B J	<10	<20	NA	NA	NA	<3	NA	NA
WS-6A (Dup)	3/25/2004	NA	NA	NA	<10	NA	3.6 B	NA	56 B J	NA	0.69 B J	NA	<2	NA	NA	NA	<5	NA	1.2 B	NA	6.5 B J	<10	<20	NA	NA	NA	<3	NA	NA
Seeps																													
SS-1 (Seep)	10/11/2001	48300	47.8 B	<10	<10	25.7	<10	494	73.8 B	3.1 B	<5	1.7 B	<2	430000	361000	174	<5	43.8	<7	104	<25	<10	NA	90100	<100	126	<3	90100	45100
SS-5 (Seep)	10/11/2001	14300	112 B	<10	<10	6.1 B	4.7 B	143 B	233	1.2 B	<5	0.28 B	<2	417000	257000	36.7	<5	10.4	12.4	31.9	<25	<10	NA	23800	734	24.2	<3	67100	39000

Notes:
B = Estimated result; result is less than reporting limit
E = Matrix interference
J = Method blank contamination. The associated method blank contains the target analyte at a reportable level.
L = Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.
MBB = This analyte is present at a reportable level in the associated method blank but is less than 5% of the sample amount.
MBD = This analyte is present in the associated method blank at an amount that is less than two times the reporting limit.
MBE = This analyte is present in the associated method blank.
NA indicates chemical was not on the target analyte list for that sample.
<5 = Indicates constituent not detected at or above indicated detection limit.
This table only includes target analytes detected in one or more FI samples.
See Appendix B for the complete target analyte lists.

Table B-4
Summary of Inorganic Detections in Groundwater, Seep, and Surface Water Samples
Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Manganese	Manganese-DISS	Mercury	Mercury-DISS	Nickel	Nickel-DISS	Potassium	Potassium-DISS	Selenium	Selenium-DISS	Silver	Silver-DISS	Sodium	Sodium-DISS	Thallium	Thallium-DISS	Tin	Tin-DISS	Total Sulfide	Vanadium	Vanadium-DISS	Zinc	Zinc-DISS
Groundwater																								
DP53-12.5'	3/11/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2550	NA	NA	NA	NA	NA	NA
MW-EPA-1	5/8/2001	330	NA	<0.2	NA	112	NA	12000	12000	<5	NA	<5	NA	472000	474000	7.6 B	NA	NA	NA	2600	4.6 B	NA	<20	NA
	11/15/2001	520	NA	<0.2	NA	32.1 B	NA	17600 J	15700 J	<5	NA	<5	NA	642000	584000	5.6 B	NA	NA	NA	7500	5.8 B	NA	<20	NA
	10/20/2002	219	NA	<0.2	NA	20.5 B	NA	15500 J	NA	<5	NA	NA	NA	643000	NA	5.3 B	NA	2280	NA	17000	4.9 B	NA	16.5 B	NA
	11/12/2003	323 J	NA	<0.2	NA	19.3 B	NA	16000 J	NA	<5	NA	<5	NA	754000	NA	8 B	NA	3390	NA	51000	5.5 B	NA	20.2 J	NA
	3/28/2004	479 J	NA	<0.2	NA	19.7 B	NA	16000 J	NA	<5	NA	<5	NA	767000	NA	<10	NA	3380	NA	29000	6.4 B	NA	27.9	NA
	11/4/2004	338 J	NA	<0.2	NA	7.6 B	NA	13200 J	NA	<5	NA	<5	NA	577000	NA	6.4 B	NA	1340	NA	21000	3.1 B	NA	<20	NA
	11/15/2005	475	NA	<0.2	NA	13.9 B	NA	13100 J	NA	<5	NA	<5	NA	621000	NA	<10	NA	2430	NA	NA	7.2	NA	41.1	NA
	11/8/2006	281 J	NA	<0.2	NA	12.8 B	NA	11500 J	NA	<5	NA	<5	NA	591000	NA	< 10	NA	1310	NA	NA	5.1 B	NA	20 J	NA
	11/19/2007	177 J	NA	< 0.2	NA	88.7	NA	15600	NA	< 5	NA	< 5	NA	791000	NA	5.4 B	NA	678	NA	NA	3.9 B	NA	12.3 B	NA
MW-EPA-2	5/8/2001	1610	NA	<0.2	NA	271	NA	15900 L	3860 B	5	NA	<5	NA	480000	486000	10.4	NA	NA	NA	4500	85.2	NA	193	NA
	11/14/2001	1640	NA	0.15 B	NA	369	NA	13300	2190 B	<5	NA	<5	NA	336000	340000	10.8	NA	NA	NA	1100	91.7	NA	280	NA
	10/20/2002	317	NA	<0.2	NA	121	NA	2560 B J	NA	<5	NA	NA	NA	231000	NA	6.4 B	NA	<100	NA	620 B	2.7 B	NA	<20	NA
	11/11/2003	288 J	NA	<0.2	NA	132	NA	2770 B J	NA	<5	NA	<5	NA	248000	NA	6 B	NA	11.9 B	NA	<1000	4.9 B	NA	20.6 J	NA
	3/29/2004	350 J	NA	<0.2	NA	225	NA	3090 B J	NA	5.1	NA	<5	NA	316000	NA	4.6 B J	NA	9.5 B	NA	730 B	4.1 B	NA	14.3 B	NA
	11/4/2004	202 J	NA	<0.2	NA	231	NA	3920 B J	NA	<5	NA	<5	NA	427000	NA	5.3 B	NA	<100	NA	<1000	<7	NA	<20	NA
	11/11/2005	241 J	NA	<0.2	NA	225	NA	5330	NA	<5	NA	<5	NA	591000	NA	<10	NA	<100	NA	NA	2.5 B	NA	14.3 U	NA
	11/9/2006	77.2 J	NA	<0.2	NA	22.1 B	NA	2090 B J	NA	< 5	NA	< 5	NA	64000	NA	< 10	NA	89.1 B	NA	NA	<7	NA	84.9 J	NA
	11/19/2007	755 J	NA	<0.2	NA	243	NA	8490	NA	<5	NA	<5	NA	600000	NA	7.9 B	NA	52.7 B	NA	NA	19.4	NA	48.5	NA
MW-EPA-3	5/6/2001	357	NA	<0.2	NA	34.4 B	NA	1770 B	1500 B	<5	NA	<5	NA	26300	31700	9.4 B	NA	NA	NA	<1000	2.4 B	NA	71.3	NA
	11/13/2001	1440 J	NA	<0.2	NA	80.3	NA	6910 J	1700 B J	<5	NA	<5	NA	48000 J	40400 J	<10	NA	NA	NA	1800	32.1	NA	163 J	NA
	10/17/2002	1820 J	NA	<0.2	NA	113	NA	8530 J	NA	<5	NA	NA	NA	36300	NA	<10	NA	<100	NA	300 B	45.3 J	NA	148	NA
	11/13/2003	1350 J	NA	<0.2	NA	72.2	NA	3490 B J	NA	<5	NA	<5	NA	38000	NA	<10	NA	<100	NA	<1000	10.4	NA	39.3 J	NA
	3/30/2004	1720 J	NA	<0.2	NA	159	NA	6430 J	NA	<5	NA	<5	NA	42800	NA	4.9 B	NA	<100	NA	<1000	40.3	NA	147	NA
	11/4/2004	1120 J	NA	<0.2	NA	94.3	NA	3310 B J	NA	<5	NA	<5	NA	40300	NA	7 B	NA	<100	NA	120000	7.9	NA	54.3	NA
	11/11/2005	672 J	NA	<0.2	NA	50.7	NA	2160 B	NA	<5	NA	<5	NA	52900	NA	5.0 B	NA	<100	NA	NA	<7	NA	44.9 U	NA
	11/7/2006	794 J	NA	<0.2	NA	28.6 B	NA	2360 B J	NA	< 5	NA	< 5	NA	60600	NA	< 10	NA	< 100	NA	NA	< 7	NA	26.7 J	NA
	11/14/2007	468	NA	< 0.2	NA	24.4 B	NA	2720 B J	NA	< 5	NA	< 5	NA	32900	NA	< 10	NA	< 100	NA	NA	3.7 B	NA	41.2	NA
MW-EPA-4	5/8/2001	352	NA	<0.2	NA	140	NA	4830 B	4740 B	<5	NA	<5	NA	704000	684000	8.5 B	NA	NA	NA	<1000	<7	NA	<20	NA
	11/13/2001	284 J	NA	0.16 B	NA	910	NA	2430 B J	2170 B J	<5	NA	<5	NA	104000 J	106000 J	<10	NA	NA	NA	1300	<7	NA	<20	NA
	10/18/2002	157 J	NA	<0.2	NA	256	NA	3200 B J	NA	<5	NA	NA	NA	79300	NA	<10	NA	<100	NA	940 B	1.1 B J	NA	<20	NA
	11/16/2003	185 J	NA	<0.2	NA	424 J	NA	5540 J	NA	<5	NA	<5	NA	250000	NA	7.7 B J	NA	<100	NA	<1000	<7	NA	<20	NA
	4/6/2004	193	NA	<0.2	NA	198	NA	3980 B J	NA	<5	NA	<5	NA	178000	NA	4.5 B	NA	<100	NA	5900	<7	NA	<20	NA
	11/6/2004	153 J	NA	<0.2	NA	206	NA	5150 J	NA	<5	NA	<5	NA	249000	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/9/2005	353 J	NA	<0.2	NA	173 J	NA	5620 J	NA	4.3 B	NA	<5	NA	261000	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
	11/7/2006	129 J	NA	<0.2	NA	102	NA	5830 J	NA	< 5	NA	< 5	NA	592000	NA	< 10	NA	6.5 B	NA	NA	< 7	NA	< 20	NA
	11/14/2007	235	NA	< 0.2	NA	374	NA	6380 J	NA	< 5	NA	< 5	NA	570000	NA	< 10	NA	< 100	NA	NA	1.4 B	NA	< 20	NA

Table B-4
Summary of Inorganic Detections in Groundwater, Seep, and Surface Water Samples
Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Manganese	Manganese-DISS	Mercury	Mercury-DISS	Nickel	Nickel-DISS	Potassium	Potassium-DISS	Selenium	Selenium-DISS	Silver	Silver-DISS	Sodium	Sodium-DISS	Thallium	Thallium-DISS	Tin	Tin-DISS	Total Sulfide	Vanadium	Vanadium-DISS	Zinc	Zinc-DISS
Groundwater																								
Recovery Well	7/29/2001	NA	NA	<0.2	NA	311	NA	NA	NA	<5	NA	<5	NA	NA	NA	<10	NA	1650	NA	2700	76	NA	1100	NA
RWV20	4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
UAW01-30	5/4/2001	1240	NA	<0.2	NA	109	NA	13000	15900	<5	NA	<5	NA	315000	335000	<10	NA	NA	NA	<1000	<7	NA	<20	NA
	11/8/2001	569	NA	0.093 B	NA	802	NA	13900 J	13500 J L	<5	NA	<5	NA	243000	236000	7.1 B	NA	NA	NA	2900 J	<7	NA	<20	NA
	10/17/2002	902 J	NA	<0.2	NA	237	NA	6750 J	NA	<5	NA	NA	NA	68000	NA	<10	NA	23.5 B	NA	<1000	<7	NA	<20	NA
	11/11/2003	180 J	NA	<0.2	NA	31.1 B	NA	8590 J	NA	<5	NA	<5	NA	166000	NA	<10	NA	30.8 B	NA	<1000	<7	NA	<20	NA
	3/24/2004	276 J	NA	0.082 B J	NA	36.6 B	NA	7090 J	NA	<5	NA	<5	NA	115000	NA	<10	NA	14.9 B	NA	900 B	<7	NA	<20	NA
	11/3/2004	777	NA	0.082 B	NA	181	NA	13300 J	NA	<5	NA	<5	NA	493000	NA	<10	NA	22.4 B	NA	<1000	<7	NA	<20	NA
	11/8/2005	843 J	NA	<0.2	NA	310	NA	14300 J	NA	<5	NA	<5	NA	576000	NA	<10	NA	17.7	NA	NA	<7	NA	7.5 B	NA
	11/1/2006	531 J	NA	<0.2	NA	108	NA	12900 J	NA	<5	NA	<5	NA	495000	NA	<10	NA	22.3 B	NA	NA	<7	NA	<20	NA
	11/8/2007	631 J	NA	<0.2	NA	124	NA	11400 J	NA	<5	NA	<5	NA	474000	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
UAW01-80	5/4/2001	563	NA	<0.2	NA	4.1 B	NA	2140 B	2390 B	<5	NA	<5	NA	51900	53100	<10	NA	NA	NA	<1000	<7	NA	<20	NA
	11/12/2001	527	NA	<0.2	NA	<40	NA	2630 B	2530 B	<5	NA	<5	NA	50300	51300	10.1 J	NA	NA	NA	<1000	<7	NA	<20	NA
	10/17/2002	527 J	NA	<0.2	NA	3.4 B	NA	2340 B J	NA	<5	NA	NA	NA	51000	NA	<10	NA	<100	NA	460 B	<7	NA	<20	NA
	11/11/2003	508 J	NA	<0.2	NA	3.7 B	NA	2370 B J	NA	<5	NA	<5	NA	55300	NA	6.3 B	NA	<100	NA	<1000	<7	NA	<20	NA
	3/24/2004	527 J	NA	0.046 B J	NA	<40	NA	2530 B J	NA	<5	NA	<5	NA	58900	NA	<10	NA	<100	NA	580 B	<7	NA	<20	NA
	11/2/2004	499	NA	0.082 B	NA	<40	NA	2020 B J	NA	<5	NA	<5	NA	55300	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/8/2005	492 J	NA	<0.2	NA	<40	NA	2130 B J	NA	<5	NA	<5	NA	58700	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
	11/1/2006	514 J	NA	<0.2	NA	<40	NA	2240 B J	NA	<5	NA	<5	NA	62500	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
	11/8/2007	461 J	NA	<0.2	NA	<40	NA	1830 B J	NA	<5	NA	<5	NA	53400	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
UAW02-20	5/7/2001	892	NA	<0.2	NA	27.1 B	NA	6670	6130	<5	NA	<5	NA	496000	446000	7.2 B	NA	NA	NA	<1000	37.3	NA	<20	NA
UAW02-20 (Dup)	5/7/2001	869	NA	<0.2	NA	47.2	NA	6600 L	6280 L	<5	NA	<5	NA	475000	452000	8.5 B	NA	NA	NA	1800	39.2	NA	<20	NA
	11/10/2001	686 J	NA	<0.2	NA	35.9 B	NA	2990 B	2650 B	<5	NA	<5	NA	140000 J	124000 J	<10	NA	NA	NA	<1000	16.6	NA	<20	NA
	10/17/2002	975 J	NA	<0.2	NA	94	NA	6600 J	NA	<5	NA	NA	NA	235000	NA	5.9 B	NA	277	NA	940 B	19.7 J	NA	14.6 B	NA
	11/12/2003	555 J	NA	<0.2	NA	23 B	NA	2410 B J	NA	<5	NA	<5	NA	180000	NA	<10	NA	95 B	NA	<1000	5.1 B	NA	<20	NA
	3/26/2004	878 J	NA	<0.2	NA	22.5 B	NA	4360 B J	NA	<5	NA	<5	NA	337000	NA	9.8 B J	NA	85.2 B	NA	<1000	3.3 B	NA	<20	NA
	11/3/2004	322	NA	0.047 B	NA	4.3 B	NA	2190 B J	NA	<5	NA	<5	NA	199000	NA	<10	NA	50.1 B	NA	<1000	<7	NA	<20	NA
	11/9/2005	363 J	NA	<0.2	NA	7.4 B J	NA	2050 B J	NA	<5	NA	<5	NA	297000	NA	<10	NA	62.7 B	NA	NA	<7	NA	18.9 B	NA
	11/3/2006	407 J	NA	<0.2	NA	7.8 B	NA	3110 B J	NA	<5	NA	<5	NA	268000	NA	<10	NA	46.8 B	NA	NA	<7	NA	10.6 B J	NA
	11/9/2007	140 J	NA	<0.2	NA	<40	NA	1910 B J	NA	<5	NA	<5	NA	349000	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA

Table B-4
Summary of Inorganic Detections in Groundwater, Seep, and Surface Water Samples
Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Manganese	Manganese-DISS	Mercury	Mercury-DISS	Nickel	Nickel-DISS	Potassium	Potassium-DISS	Selenium	Selenium-DISS	Silver	Silver-DISS	Sodium	Sodium-DISS	Thallium	Thallium-DISS	Tin	Tin-DISS	Total Sulfide	Vanadium	Vanadium-DISS	Zinc	Zinc-DISS
Groundwater																								
UAW02-40	5/7/2001	500	NA	<0.2	NA	18.9 B	NA	2420 B	2340 B	<5	NA	<5	NA	99900	99400	<10	NA	NA	NA	<1000	<7	NA	<20	NA
	11/10/2001	652 J	NA	<0.2	NA	31.3 B	NA	2900 B	2860 B	<5	NA	<5	NA	149000 J	145000 J	5.3 B	NA	NA	NA	<1000	<7	NA	<20	NA
	10/17/2002	513 J	NA	<0.2	NA	13.3 B	NA	2530 B J	NA	<5	NA	NA	NA	78400	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/12/2003	531 J	NA	<0.2	NA	6.1 B	NA	2150 B J	NA	<5	NA	<5	NA	46200	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	3/26/2004	600 J	NA	<0.2	NA	3.5 B	NA	2550 B J	NA	<5	NA	<5	NA	45000	NA	8.1 B J	NA	<100	NA	420 B	<7	NA	<20	NA
	11/3/2004	612	NA	0.03 B	NA	4.4 B	NA	2060 B J	NA	<5	NA	<5	NA	43000	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/9/2005	629 J	NA	<0.2	NA	11.5 B J	NA	2740 B J	NA	<5	NA	<5	NA	183000	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
	11/3/2006	563 J	NA	<0.2	NA	2.4 B	NA	2280 B J	NA	< 5	NA	< 5	NA	85100	NA	< 10	NA	< 100	NA	NA	< 7		< 20	NA
UAW02-40 (dup)	11/3/2006	563 J	NA	<0.2	NA	2.8 B	NA	2270 B J E	NA	< 5	NA	< 5	NA	85400	NA	< 10	NA	< 100	NA	NA	< 7		< 20	NA
	11/9/2007	561 J	NA	<0.2	NA	<40	NA	1770 B J	NA	<5	NA	<5	NA	40600	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
UAW03-20	5/7/2001	2860	NA	<0.2	NA	39.4 B	NA	8740	8150	<5	NA	<5	NA	308000	289000	10	NA	NA	NA	4000	148	NA	54.7	NA
	11/11/2001	1500	NA	0.3	NA	39.5 B	NA	6010	5920	<5	NA	<5	NA	165000	161000	9.2 B J	NA	NA	NA	3700	36.4	NA	<20	NA
	10/23/2002	1170	NA	<0.2	NA	59.6	NA	4200 B J	NA	<5	NA	NA	NA	187000	NA	6 B	NA	1180	NA	3600	54.7	NA	<20	NA
	11/12/2003	1040 J	NA	<0.2	NA	15.4 B	NA	4230 B J	NA	<5	NA	<5	NA	291000	NA	<10	NA	2400	NA	15000	29.4	NA	<20	NA
	3/28/2004	1230 J	NA	<0.2	NA	8.4 B	NA	5550 J	NA	<5	NA	<5	NA	604000	NA	5.5 B J	NA	2350	NA	11000	25.7	NA	<20	NA
	11/4/2004	567 J	NA	<0.2	NA	5.2 B	NA	2930 B J	NA	<5	NA	<5	NA	143000	NA	8 B	NA	296	NA	6100	7.6	NA	<20	NA
UAW03-20 (Dup)	11/4/2004	557 J	NA	<0.2	NA	5.3 B	NA	2870 B J	NA	<5	NA	<5	NA	140000	NA	5.6 B	NA	291	NA	5400	7.1	NA	<20	NA
	11/9/2005	692 J	NA	<0.2	NA	6.0 B J	NA	3590 B J	NA	<5	NA	<5	NA	233000	NA	<10	NA	180	NA	NA	8.3	NA	29.7	NA
	11/6/2006	900 J	NA	0.12 B	NA	16.5 B	NA	2920 B J	NA	<5	NA	<5	NA	81200	NA	< 10	NA	67.9 B	NA	NA	13.6	NA	244 J	NA
	11/13/2007	172	NA	< 0.2	NA	12.4 B	NA	3340 B J	NA	4.4 B	NA	< 5	NA	112000	NA	< 10	NA	57.1 B	NA	NA	11.7	NA	96.1	NA
UAW04-20	5/7/2001	3170	NA	<0.2	NA	28.9 B	NA	7590	7380	<5	NA	<5	NA	291000	285000	11.7	NA	NA	NA	1100	110	NA	14.8 B MBE	NA
	11/11/2001	2000	NA	<0.2	NA	35.3 B	NA	5790	5350	<5	NA	<5	NA	183000	171000	6.1 B J	NA	NA	NA	1200	65.6	NA	<20	NA
	10/20/2002	1350	NA	<0.2	NA	38.2 B	NA	6210 J	NA	<5	NA	NA	NA	252000	NA	<10	NA	2270	NA	1300	91.5	NA	<20	NA
	11/12/2003	1020 J	NA	<0.2	NA	12.4 B	NA	4380 B J	NA	<5	NA	<5	NA	238000	NA	<10	NA	1280	NA	260 B	20.4	NA	<20	NA
	3/28/2004	5050 J	NA	<0.2	NA	6.2 B	NA	2850 B J	NA	<5	NA	<5	NA	137000	NA	<10	NA	591	NA	1000	7.9	NA	17.9 B	NA
	11/3/2004	1720 J	NA	<0.2	NA	<40	NA	1880 B J	NA	<5	NA	<5	NA	124000	NA	6 B	NA	901	NA	1100	5.7 B	NA	<20	NA
	11/9/2005	1380 J	NA	<0.2	NA	5.1 B J	NA	3170 B J	NA	<5	NA	<5	NA	221000	NA	<10	NA	365	NA	NA	5.0 B	NA	15.9 B	NA
	11/6/2006	4080 J	NA	<0.2	NA	3.7 B	NA	1850 B J	NA	< 5	NA	< 5	NA	143000	NA	8.8 B	NA	285	NA	NA	4.4 B	NA	10.5 B J	NA
UAW04-20 (dup)	11/6/2006	3990 J	NA	<0.2	NA	3.3 B	NA	1830 B J	NA	< 5	NA	< 5	NA	141000	NA	5.2 B	NA	283	NA	NA	4.2 B	NA	10.5 B J	NA
UAW05-20	5/6/2001	938	NA	<0.2	NA	15 B	NA	7020	7400	<5	NA	<5	NA	353000	395000	5.4 B	NA	NA	NA	<1000	6.6 B	NA	108 MBD	NA
	10/10/2001	901	NA	<0.2	NA	57.3	NA	3900 B J	4290 B J	<5	NA	<5	NA	219000	245000	8.1 B	NA	425	NA	4300	3 B	NA	<20	NA
	11/12/2001	802	NA	<0.2	NA	24.9 B	NA	4480 B L	4270 B	<5	NA	<5	NA	254000	236000	11.8 J	NA	NA	NA	5000	3.1 B	NA	<20	NA
	10/20/2002	732	NA	<0.2	NA	39.5 B	NA	5230 J	NA	<5	NA	NA	NA	244000	NA	<10	NA	569	NA	10000	5.8 B	NA	<20	NA
	11/10/2003	772 J	NA	<0.2	NA	92	NA	3010 B J	NA	<5	NA	<5	NA	106000	NA	<10	NA	223	NA	<1000	5.8 B	NA	<20	NA
	3/28/2004	820 J	NA	<0.2	NA	4.3 B	NA	2640 B J	NA	<5	NA	<5	NA	149000	NA	<10	NA	99.9 B	NA	5000	0.81 B	NA	<20	NA
UAW05-20 (Dup)	3/28/2004	873 J	NA	<0.2	NA	7.6 B	NA	2870 B J	NA	<5	NA	<5	NA	162000	NA	5.2 B J	NA	107	NA	2200	0.92 B	NA	<20	NA
	11/4/2004	843 J	NA	<0.2	NA	26.1 B	NA	3670 B J	NA	<5	NA	<5	NA	249000	NA	<10	NA	257	NA	12000	2.2 B	NA	<20	NA
	11/14/2005	929 J	NA	<0.2	NA	300	NA	6410	NA	<5	NA	<5	NA	471000	NA	<10	NA	455	NA	NA	10.9	NA	7.3 U	NA
	11/9/2006	636 J	NA	0.091 B	NA	662	NA	5110 J	NA	< 5	NA	< 5	NA	190000	NA	< 10	NA	204	NA	NA	17.8	NA	48.5 J	NA
	11/15/2007	851	NA	< 0.2	NA	37.9 B	NA	9390 J	NA	< 5	NA	< 5	NA	495000	NA	7.2 B	NA	746	NA	NA	4 B	NA	7.7 B	NA

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Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Manganese	Manganese-DISS	Mercury	Mercury-DISS	Nickel	Nickel-DISS	Potassium	Potassium-DISS	Selenium	Selenium-DISS	Silver	Silver-DISS	Sodium	Sodium-DISS	Thallium	Thallium-DISS	Tin	Tin-DISS	Total Sulfide	Vanadium	Vanadium-DISS	Zinc	Zinc-DISS
Groundwater																								
UAW06-20	5/6/2001	1580	NA	<0.2	NA	29.6 B	NA	7400	8270	<5	NA	<5	NA	218000	245000	<10	NA	NA	NA	<1000	127	NA	15.7 B MBE	NA
	10/10/2001	2590	NA	<0.2	NA	25 B	NA	6430 J	5480 J	<5	NA	<5	NA	309000	264000	5.6 B	NA	NA	NA	2300	106	NA	22.8	NA
	11/13/2001	3000 J	NA	<0.2	NA	24.5 B	NA	6820 J	6190 J	<5	NA	<5	NA	368000 J	335000 J	<10	NA	NA	NA	7200	119	NA	21.9 J	NA
	10/20/2002	1410	NA	<0.2	NA	28.3 B	NA	5610 J	NA	<5	NA	NA	NA	407000	NA	<10	NA	11100	NA	7800	76.4	NA	19 B	NA
	11/12/2003	1040 J	NA	<0.2	NA	12.6 B	NA	4920 B J	NA	<5	NA	<5	NA	391000	NA	<10	NA	6040	NA	11000	35.8	NA	<20	NA
	3/29/2004	1160 J	NA	<0.2	NA	7.4 B	NA	3870 B J	NA	<5	NA	<5	NA	460000	NA	<10	NA	3700	NA	6300	32.2	NA	<20	NA
	11/4/2004	1480 J	NA	<0.2	NA	7 B	NA	4900 B J	NA	<5	NA	<5	NA	332000	NA	12.2	NA	2460	NA	6100	20.2	NA	<20	NA
	11/15/2005	1550	NA	<0.2	NA	15.0 B	NA	5210 J	NA	<5	NA	<5	NA	341000	NA	<10	NA	2010	NA	NA	26.9	NA	20	NA
	11/9/2006	1370 J	NA	<0.2	NA	11.8 B	NA	4420 B J	NA	<5	NA	<5	NA	220000	NA	<10	NA	1440	NA	NA	13.3	NA	22.8 J	NA
	11/15/2007	3660	NA	<0.2	NA	<40	NA	10200 J	NA	<5	NA	<5	NA	279000	NA	<10	NA	431	NA	NA	9.7	NA	<20	NA
UAW07-20	5/8/2001	NA	NA	<0.2	NA	2.5 B	NA	11500	10800	<5	NA	<5	NA	413000	397000	10.6	NA	866	NA	5800	3.2 B	NA	12.4 B	NA
UAW07-20 (Dup)	5/8/2001	NA	NA	<0.2	NA	2.3 B	NA	12100	11600	<5	NA	<5	NA	432000	417000	8.3 B	NA	1010	NA	7500	3.9 B	NA	<20	NA
	11/15/2001	NA	NA	<0.2	NA	2.3 B	NA	NA	10800	<5	NA	<5	NA	NA	395000	9.6 B J	NA	706 L	NA	1600	3.1 B	NA	<20	NA
	10/20/2002	729	NA	<0.2	NA	<40	NA	11800 J	NA	<5	NA	NA	NA	374000	NA	<10	NA	778	NA	14000	3.8 B	NA	<20	NA
	11/12/2003	885 J	NA	<0.2	NA	4.2 B	NA	11600 J	NA	<5	NA	<5	NA	406000	NA	<10	NA	591	NA	21000	2.5 B	NA	31.3 J	NA
UAW07-20 (Dup)	11/12/2003	781 J	NA	<0.2	NA	2.4 B	NA	10100 J	NA	<5	NA	<5	NA	362000	NA	<10	NA	526	NA	25000	2.1 B	NA	<20	NA
	4/5/2004	1410	NA	<0.2	NA	2.5 B	NA	5750 J	NA	<5	NA	<5	NA	228000	NA	6.8 B	NA	180	NA	11000	2.2 B	NA	<20	NA
	11/4/2004	852 J	NA	<0.2	NA	<40	NA	11100	NA	<5	NA	<5	NA	468000	NA	4.8 B	NA	574	NA	22000	2.7 B	NA	<20	NA
	11/15/2005	1000	NA	<0.2	NA	3.6 B	NA	11700 J	NA	<5	NA	<5	NA	514000	NA	<10	NA	819	NA	NA	3.1 B	NA	<20	NA
	11/6/2006	813 J	NA	<0.2	NA	9.8 B	NA	5190 J	NA	<5	NA	<5	NA	191000	NA	<10	NA	237	NA	NA	2.7 B	NA	25.6 J	NA
	11/15/2007	768	NA	<0.2	NA	<40	NA	11200 J	NA	<5	NA	<5	NA	529000	NA	5.5 B	NA	746	NA	NA	2.2 B	NA	<20	NA
UAW08-20	5/6/2001	NA	NA	<0.2	NA	30.5 B	NA	17700	20200	<5	NA	<5	NA	523000	596000	9.8 B	NA	3420	NA	3100	11.2	NA	45.1 MBD	NA
	11/13/2001	NA	NA	<0.2	NA	53.4	NA	21300 J	18900 J L	<5	NA	<5	NA	401000 J	400000 J	<10	NA	6090	NA	7900	27.1	NA	132 J	NA
	10/20/2002	596	NA	<0.2	NA	11.5 B	NA	17400 J	NA	<5	NA	NA	NA	407000	NA	7.1 B	NA	6110	NA	22000	13	NA	21.8	NA
	11/10/2003	2310 J	NA	<0.2	NA	118	NA	20900 J	NA	<5	NA	<5	NA	539000	NA	5.9 B	NA	4500	NA	69000	74.7	NA	352 J	NA
	3/29/2004	550 J	NA	<0.2	NA	8.5 B	NA	18100 J	NA	<5	NA	<5	NA	691000	NA	<10	NA	6410	NA	16000	10	NA	20.5	NA
	11/4/2004	632 J	NA	<0.2	NA	7.9 B	NA	17700 J	NA	<5	NA	<5	NA	493000	NA	8.4 B	NA	5740	NA	<1000	12	NA	14.3 B	NA
	11/15/2005	679	NA	<0.2	NA	10.8 B	NA	18600 J	NA	3.8 B	NA	<5	NA	550000	NA	<10	NA	6070	NA	NA	11.7	NA	19.5 B	NA
	11/9/2006	613 J	NA	<0.2	NA	17.9 B	NA	18200 J	NA	<5	NA	<5	NA	529000	NA	<10	NA	4950	NA	NA	19.5	NA	49.4 J	NA
	11/7/2007	222 J	NA	<0.2	NA	4.7 B	NA	17200 J	NA	<5	NA	<5	NA	562000	NA	<10	NA	5940 J	NA	NA	<7	NA	14.9 B J	NA
UAW09-20	5/5/2001	12.4 B	NA	<0.2	NA	<40	NA	1720 B	1850 B	<5	NA	<5	NA	63200	62400	<10	NA	NA	NA	<1000	<7	NA	<20	NA
	11/9/2001	17.1 J	NA	<0.2	NA	81.9	NA	2420 B	2220 B	<5	NA	<5	NA	92500 J	84300 J	<10	NA	NA	NA	1800	<7	NA	<20	NA
	10/16/2002	3.6 B J	NA	<0.2	NA	10.8 B	NA	2880 B J	NA	<5	NA	NA	NA	59500	NA	8.8 B	NA	<100	NA	970 B J	0.82 B	NA	<20	NA
	11/11/2003	1.1 B J	NA	<0.2	NA	10.4 B	NA	2130 B J	NA	<5	NA	<5	NA	83800	NA	<10	NA	<100	NA	<1000	<7	NA	16.8 B J	NA
	4/6/2004	1.4 B	NA	<0.2	NA	6.6 B	NA	1760 B J	NA	<5	NA	<5	NA	65000	NA	5.7 B	NA	18.5 B	NA	960 B	<7	NA	<20	NA
	11/6/2004	121 J	NA	<0.2	NA	6.4 B	NA	1370 B J	NA	<5	NA	<5	NA	17900	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/9/2005	3 B J	NA	<0.2	NA	15.3 B J	NA	2000 B J	NA	3.7 B	NA	<5	NA	117000	NA	7.3 B J	NA	<100	NA	NA	<7	NA	<20	NA
	11/3/2006	23.8 J	NA	<0.2	NA	78.9	NA	1500 B J	NA	<5	NA	<5	NA	63900	NA	<10	NA	5.4 B	NA	NA	<7	NA	<20	NA
	11/15/2007	112	NA	<0.2	NA	416	NA	1410 B J	NA	<5	NA	<5	NA	62900	NA	6 B	NA	3.4 B	NA	NA	<7	NA	<20	NA

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Reading, Ohio
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Sample Location	Sample Date	Manganese	Manganese-DISS	Mercury	Mercury-DISS	Nickel	Nickel-DISS	Potassium	Potassium-DISS	Selenium	Selenium-DISS	Silver	Silver-DISS	Sodium	Sodium-DISS	Thallium	Thallium-DISS	Tin	Tin-DISS	Total Sulfide	Vanadium	Vanadium-DISS	Zinc	Zinc-DISS
Groundwater																								
UAW09-60	5/5/2001	348	NA	<0.2	NA	5.5 B	NA	1400 B	1610 B	<5	NA	<5	NA	17600	14700	<10	NA	NA	NA	<1000	<7	NA	<20	NA
	11/9/2001	226 J	NA	<0.2	NA	<40	NA	1740 B	1930 B	<5	NA	<5	NA	22800 J	24500 J	6 B	NA	NA	NA	1500	<7	NA	<20	NA
	10/16/2002	298 J	NA	<0.2	NA	22.7 B	NA	2020 B J E	NA	<5	NA	NA	NA	23900	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/11/2003	236 J	NA	<0.2	NA	19.5 B	NA	1970 B J	NA	<5	NA	<5	NA	20600	NA	<10	NA	<100	NA	260 B	<7	NA	<20	NA
	4/6/2004	311	NA	<0.2	NA	9.4 B	NA	1540 B J	NA	<5	NA	<5	NA	16800	NA	5 B	NA	<100	NA	1100	<7	NA	<20	NA
	11/6/2004	<15	NA	<0.2	NA	6.1 B	NA	1770 B J	NA	<5	NA	<5	NA	56700	NA	<10	NA	<100	NA	<1000	<7	NA	39.1	NA
	11/9/2005	12.3 B J	NA	<0.2	NA	6 B J	NA	1370 B J	NA	<5	NA	<5	NA	16100	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
	11/3/2006	121 J	NA	<0.2	NA	2.2 B	NA	1350 B J	NA	<5	NA	<5	NA	15900	NA	5.3 B	NA	<100	NA	NA	<7	NA	<20	NA
UAW09-60 dup	11/15/2007	151	NA	<0.2	NA	<40	NA	1550 B J	NA	<5	NA	<5	NA	15100	NA	7.7 B	NA	<100	NA	NA	<7	NA	<20	NA
	11/15/2007	143	NA	<0.2	NA	<40	NA	1560 B J	NA	<5	NA	<5	NA	14800	NA	6.6 B	NA	<100	NA	NA	<7	NA	<20	NA
UAW10-50	10/12/2001	1210	NA	<0.2	NA	61.8	NA	13400 J	4270 B J	<5	NA	2.5 B	NA	67800	69300	7.9 B J	NA	NA	NA	<1000	65.2	NA	164	NA
	11/13/2001	469 J	NA	0.095 B	NA	15.3 B	NA	4260 B J	3900 B J	<5	NA	<5	NA	60400 J	54500 J	<10	NA	NA	NA	1500	<7	NA	25.3 J	NA
	10/19/2002	559	NA	<0.2	NA	14.4 B	NA	3740 B J	NA	<5	NA	NA	NA	47000	NA	5.5 B	NA	<100	NA	780 B	5.8 B	NA	28.1	NA
	11/10/2003	490 J	NA	<0.2	NA	9.7 B	NA	3350 B J	NA	<5	NA	<5	NA	45700	NA	<10	NA	7.9 B	NA	<1000	4.4 B	NA	19.6 B J	NA
	3/30/2004	356 J	NA	<0.2	NA	12.8 B	NA	3160 B J	NA	<5	NA	<5	NA	55100	NA	6 B	NA	<100	NA	<1000	4.4 B	NA	20.6	NA
	11/5/2004	403 J	NA	<0.2	NA	10.9 B	NA	2900 B J	NA	<5	NA	1.1 B	NA	50000	NA	<10	NA	<100	NA	<1000	3.7 B	NA	18.3 B	NA
	11/11/2005	404 J	NA	<0.2	NA	9.8 B	NA	3460 B	NA	<5	NA	<5	NA	47600	NA	<10	NA	<100	NA	NA	6.1 B	NA	31.3 J	NA
	11/9/2006	354 J	NA	<0.2	NA	23.2 B	NA	5210 J	NA	<5	NA	9.9	NA	46400	NA	<10	NA	20.2 B	NA	NA	11.6	NA	40.2 J	NA
UAW10-50 dup	11/12/2007	57.3 J	NA	<0.2	NA	5.2 B	NA	4770 J	NA	<5	NA	<5	NA	30800 J	NA	<10	NA	<100	NA	NA	2.1 B	NA	12.3 B	NA
	11/12/2007	373 J	NA	<0.2	NA	3.5 B	NA	13400 J	NA	<5	NA	<5	NA	73200 J	NA	<10	NA	<100	NA	NA	<7	NA	22.5	NA
UAW10-80	10/12/2001	3360	NA	<0.2	NA	75.3	NA	5680 J	5970 J	<5	NA	<5	NA	40800	44300	7.5 B J	NA	NA	NA	<1000	2.9 B	NA	30.3	NA
	11/13/2001	3560 J	NA	0.091 B	NA	9.7 B	NA	7990 J	8200 J	<5	NA	<5	NA	41000 J	45600 J	<10	NA	NA	NA	2200	<7	NA	38 J	NA
	10/19/2002	972	NA	<0.2	NA	36 B	NA	3320 B J	NA	<5	NA	NA	NA	12700	NA	6.3 B	NA	<100	NA	620 B	8.1	NA	29.2	NA
	11/13/2003	1040 J	NA	<0.2	NA	129	NA	4990 B J	NA	<5	NA	<5	NA	14800	NA	<10	NA	<100	NA	260 B	22	NA	55.9 J	NA
	3/30/2004	691 J	NA	<0.2	NA	16.4 B	NA	2140 B J	NA	<5	NA	<5	NA	14300	NA	<10	NA	<100	NA	890 B	1.4 B	NA	<20	NA
	11/5/2004	789 J	NA	<0.2	NA	19.2 B	NA	2900 B	NA	<5	NA	<5	NA	13800	NA	9.2 B	NA	<100	NA	800 B	9.1	NA	31.6	NA
	11/16/2005	440	NA	<0.2	NA	8.3 B	NA	1980 B J	NA	<5	NA	<5	NA	14800	NA	<10	NA	15.5 B	NA	NA	<7	NA	<20	NA
	11/9/2006	386 J	NA	<0.2	NA	2.6 B	NA	1800 B J	NA	<5	NA	<5	NA	12800	NA	<10	NA	10.2 B	NA	NA	<7	NA	6.9 B J	NA
	11/12/2007	350	NA	<0.2	NA	<40	NA	1590 B J	NA	<5	NA	<5	NA	13500	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
UAW11-10	5/8/2001	8440	NA	0.21	NA	240	NA	8730	5660	<5	NA	<5	NA	2230000	1500000	<10	NA	NA	NA	2700	113	NA	310	NA
	11/10/2001	470 J	NA	0.13 B	NA	39.3 B	NA	7700	8050	<5	NA	<5	NA	440000 J	454000 J	7 B	NA	NA	NA	1300	15.6	NA	22.4 J	NA
	10/18/2002	2630 J	NA	<0.2	NA	12.2 B	NA	5310 J	NA	<5	NA	NA	NA	201000	NA	<10	NA	4060	NA	9200	12.6 J	NA	<20	NA
	11/16/2003	2800 J	NA	<0.2	NA	7.9 B J	NA	5510 J	NA	<5	NA	<5	NA	293000	NA	8.6 B J	NA	1450	NA	2900	5.9 B	NA	<20	NA
	4/6/2004	4230	NA	<0.2	NA	8.9 B	NA	6450 J	NA	<5	NA	<5	NA	484000	NA	5.9 B	NA	1950	NA	9000	16	NA	<20	NA
	11/7/2004	1190	NA	<0.2	NA	<40	NA	2690 B J	NA	<5	NA	<5	NA	198000	NA	5.3 B	NA	1660	NA	14000	4.1 B	NA	<20	NA
	11/10/2005	2700 J	NA	<0.2	NA	4.2 B J	NA	29800 J	NA	<5	NA	<5	NA	286000	NA	<10	NA	3560	NA	NA	4.7 B	NA	13.4 B	NA
	11/2/2006	2180 J	NA	<0.2	NA	4.9 B	NA	9230 J	NA	<5	NA	<5	NA	514000	NA	5.3 B	NA	3050	NA	NA	22.3	NA	25.4 J	NA
	11/16/2007	4540	NA	<0.2	NA	17.5 B	NA	6560 J	NA	<5	NA	<5	NA	628000	NA	6.6 B	NA	702	NA	NA	5.8 B	NA	6.6 B	NA

Table B-4
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Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Manganese	Manganese-DISS	Mercury	Mercury-DISS	Nickel	Nickel-DISS	Potassium	Potassium-DISS	Selenium	Selenium-DISS	Silver	Silver-DISS	Sodium	Sodium-DISS	Thallium	Thallium-DISS	Tin	Tin-DISS	Total Sulfide	Vanadium	Vanadium-DISS	Zinc	Zinc-DISS
Groundwater																								
UAW11-40	5/8/2001	1130	NA	<0.2	NA	49.4	NA	5680	5780	<5	NA	<5	NA	239000	248000	8.2 B	NA	NA	NA	960 B	0.91 B	NA	<20	NA
	11/12/2001	1150	NA	<0.2	NA	66.5	NA	5770	5530	<5	NA	<5	NA	253000	244000	7.8 B J	NA	NA	NA	<1000	<7	NA	<20	NA
	10/18/2002	1040 J	NA	<0.2	NA	73.2	NA	6200 J	NA	<5	NA	NA	NA	258000	NA	9.5 B	NA	70.7 B	NA	<1000	<7	NA	<20	NA
	11/16/2003	904 J	NA	<0.2	NA	86 J	NA	6410 J	NA	<5	NA	<5	NA	273000	NA	10.9 J	NA	48.7 B	NA	<1000	<7	NA	<20	NA
	4/6/2004	966	NA	<0.2	NA	53.1	NA	6040 J	NA	<5	NA	<5	NA	285000	NA	7.3 B	NA	62.2 B	NA	640 B	<7	NA	<20	NA
UAW11-40 (Dup)	4/6/2004	903	NA	<0.2	NA	49.3	NA	5920 J	NA	<5	NA	<5	NA	278000	NA	7.3 B	NA	51.7 B	NA	800 B	<7	NA	<20	NA
	11/7/2004	1050	NA	<0.2	NA	55.7	NA	6820 J	NA	<5	NA	<5	NA	317000	NA	6.7 B	NA	47.2 B	NA	<1000	<7	NA	<20	NA
	11/10/2005	1010 J	NA	<0.2	NA	79.7 J	NA	5920 J	NA	<5	NA	<5	NA	297000	NA	<10	NA	73.1 B	NA	NA	<7	NA	7.0 B	NA
	11/2/2006	1520 J	NA	<0.2	NA	87	NA	6070 J	NA	<5	NA	<5	NA	269000	NA	<10	NA	58.9 B	NA	NA	<7	NA	22.1 J	NA
	11/16/2007	1570	NA	<0.2	NA	383	NA	5300 J	NA	<5	NA	<5	NA	442000	NA	<10	NA	84 B	NA	NA	2.4 B	NA	41.2	NA
UAW12-20	5/6/2001	NA	NA	<0.2	NA	18.2 B	NA	10500	9700	<5	NA	<5	NA	485000	455000	14.4	NA	66.9 B	NA	<1000	2.8 B	NA	29.8 MBD	NA
	11/15/2001	NA	NA	<0.2	NA	5.3 B	NA	NA	8090	<5	NA	<5	NA	NA	348000	12.1 J	NA	82.9 B	NA	2000	6 B	NA	<20	NA
	10/20/2002	4940	NA	<0.2	NA	3.2 B	NA	10100 J	NA	<5	NA	NA	NA	356000	NA	8.1 B	NA	255	NA	4800	5.2 B	NA	<20	NA
	11/12/2003	5220 J	NA	<0.2	NA	5.4 B	NA	8310 J	NA	<5	NA	<5	NA	632000	NA	<10	NA	105	NA	7500	2.1 B	NA	13.7 B J	NA
	3/28/2004	9570 J	NA	<0.2	NA	<40	NA	8250 J	NA	<5	NA	<5	NA	765000	NA	<10	NA	101	NA	1000	2.7 B	NA	<20	NA
	11/4/2004	6000 J	NA	<0.2	NA	2.5 B	NA	9160	NA	<5	NA	<5	NA	589000	NA	<10	NA	78.8 B	NA	4200	2.5 B	NA	<20	NA
	11/14/2005	4920 J	NA	<0.2	NA	3.1 B	NA	11200	NA	<5	NA	<5	NA	844000	NA	<10	NA	33.3 B	NA	NA	2.2 B	NA	7.7 U	NA
	11/6/2006	4820 J	NA	<0.2	NA	3.9 B	NA	13700 J	NA	<5	NA	<5	NA	726000	NA	7.8 B	NA	71.2 B	NA	NA	2 B	NA	56.1 J	NA
	11/16/2007	6230	NA	<0.2	NA	<40	NA	14200 J	NA	<5	NA	<5	NA	964000	NA	<10	NA	70.5 B	NA	NA	2.5 B	NA	39.9	NA
UAW13-20	5/6/2001	NA	NA	<0.2	NA	12.4 B	NA	10400	9990	<5	NA	<5	NA	491000	488000	5 B	NA	1060	NA	5800	14.8	NA	22.1 MBD	NA
	11/15/2001	NA	NA	0.11 B	NA	23.2 B	NA	NA	13300	<5	NA	<5	NA	NA	948000	16.6 J	NA	1930	NA	2800	16.4	NA	23.7	NA
	10/23/2002	2750	NA	<0.2	NA	19.2 B	NA	12200 J	NA	<5	NA	NA	NA	947000	NA	5.5 B	NA	2330	NA	14000	13.1	NA	<20	NA
	11/12/2003	2760 J	NA	<0.2	NA	16.6 B	NA	12600 J	NA	<5	NA	<5	NA	757000	NA	<10	NA	1710	NA	150000	12.3	NA	<20	NA
	3/28/2004	3140 J	NA	<0.2	NA	12.2 B	NA	10800 J	NA	<5	NA	<5	NA	871000	NA	<10	NA	1780	NA	8900	12.7	NA	16.7 B	NA
	11/5/2004	2840 J	NA	<0.2	NA	16.5 B	NA	11700	NA	<5	NA	<5	NA	578000	NA	<10	NA	1870	NA	160000	13.9	NA	19.9 B	NA
	11/16/2005	2810	NA	<0.2	NA	11.8 B	NA	9670 J	NA	<5	NA	<5	NA	558000	NA	<10	NA	1880	NA	NA	11.8	NA	8.5 J	NA
	10/31/2006	3180 J	NA	<0.2	NA	10.8 B	NA	10600 J	NA	<5	NA	<5	NA	701000	NA	<10	NA	1780	NA	NA	9.7	NA	11.7 B J	NA
	11/16/2007	3190	NA	<0.2	NA	10.4 B	NA	7850 J	NA	<5	NA	<5	NA	522000	NA	<10	NA	1740	NA	NA	8.1	NA	10.7 B	NA
UAW14-10	5/5/2001	53.8	NA	<0.2	NA	6.1 B	NA	1270 B	1300 B	<5	NA	<5	NA	36500	35800	<10	NA	NA	NA	1500	<7	NA	<20	NA
	11/9/2001	26.4 J	NA	<0.2	NA	3.4 B	NA	1530 B	1510 B	<5	NA	<5	NA	37900 J	37500 J	<10	NA	NA	NA	1200	<7	NA	<20	NA
	10/16/2002	100 J	NA	<0.2	NA	4 B	NA	1620 B J	NA	<5	NA	NA	NA	31400	NA	8.9 B	NA	<100	NA	<1000	1 B	NA	<20	NA
	11/16/2003	60.1 J	NA	<0.2	NA	6.8 B J	NA	1820 B J	NA	4.1 B	NA	1.3 B	NA	30900	NA	15.3 J	NA	4.7 B	NA	<1000	<7	NA	<20	NA
	4/5/2004	72.5	NA	<0.2	NA	20.5 B	NA	1120 B J	NA	<5	NA	<5	NA	22900	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/6/2004	31.2 J	NA	<0.2	NA	4.7 B	NA	1370 B J	NA	<5	NA	<5	NA	33000	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/16/2005	59.7	NA	<0.2	NA	1.8 B	NA	1080 B J	NA	2.4 B	NA	<5	NA	25200	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
	11/8/2006	50.3 J	NA	<0.2	NA	1.8 B	NA	1280 B J	NA	<5	NA	<5	NA	30200	NA	<10		<100	NA	NA	<7	NA	<20	NA
	11/7/2007	183 J	NA	<0.2	NA	3.5 B	NA	1580 B J	NA	<5	NA	<5	NA	35200	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA

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Sample Location	Sample Date	Manganese	Manganese-DISS	Mercury	Mercury-DISS	Nickel	Nickel-DISS	Potassium	Potassium-DISS	Selenium	Selenium-DISS	Silver	Silver-DISS	Sodium	Sodium-DISS	Thallium	Thallium-DISS	Tin	Tin-DISS	Total Sulfide	Vanadium	Vanadium-DISS	Zinc	Zinc-DISS
Groundwater																								
UAW15-20	5/6/2001	397	NA	<0.2	NA	55.1	NA	2430 B	2490 B	<5	NA	<5	NA	421000	443000	6.2 B	NA	NA	NA	<1000	<7	NA	23 MBD	NA
	11/11/2001	231	NA	<0.2	NA	102	NA	3060 B	2840 B	<5	NA	<5	NA	506000	480000	14 J	NA	NA	NA	<1000	<7	NA	<20	NA
	10/18/2002	16.1	NA	<0.2	NA	57.5	NA	1930 B J	NA	<5	NA	NA	NA	281000	NA	7.4 B	NA	261	NA	<1000	<7	NA	<20	NA
	11/17/2003	60.3 J	NA	<0.2	NA	66.3 J	NA	4610 B J	NA	<5	NA	<5	NA	990000	NA	11.7 J	NA	131	NA	<1000	<7	NA	<20	NA
	4/7/2004	102	NA	<0.2	NA	374	NA	7100 J	NA	<5	NA	<5	NA	1480000	NA	5.6 B	NA	80.7 B	NA	640 B	<7	NA	22.8	NA
	11/7/2004	104	NA	<0.2	NA	155	NA	6590 J	NA	<5	NA	<5	NA	1290000	NA	<10	NA	104	NA	<1000	<7	NA	<20	NA
	11/15/2005	85.3	NA	<0.2	NA	166	NA	5900 J E	NA	2.9 B	NA	<5	NA	1180000	NA	<10	NA	216 E	NA	NA	<7	NA	<20	NA
	11/2/2006	114 J	NA	<0.2	NA	415	NA	6680 J	NA	<5	NA	<5	NA	1400000	NA	<10	NA	110	NA	NA	<7	NA	6.9 B J	NA
	11/19/2007	28.4 J	NA	<0.2	NA	59.1	NA	3760 B	NA	<5	NA	<5	NA	587000	NA	6.4 B	NA	118	NA	NA	<7	NA	53.7	NA
UAW15-50	5/6/2001	735	NA	<0.2	NA	130	NA	9520	7590	<5	NA	<5	NA	261000	218000	6.1 B	NA	NA	NA	<1000	<7	NA	24.6	NA
	11/11/2001	653	NA	0.18 B	NA	102	NA	8780	7910	<5	NA	<5	NA	253000	234000	16.7 J	NA	NA	NA	<1000	<7	NA	<20	NA
	10/18/2002	588	NA	<0.2	NA	76.4	NA	7280 J	NA	<5	NA	NA	NA	210000	NA	6.6 B	NA	2400	NA	460 B	<7	NA	<20	NA
	11/17/2003	682 J	NA	<0.2	NA	84.7 J	NA	7320 J	NA	<5	NA	<5	NA	202000	NA	9.4 B J	NA	2050	NA	1600	<7	NA	<20	NA
	4/7/2004	543	NA	<0.2	NA	85.8	NA	6400 J	NA	<5	NA	<5	NA	182000	NA	8.7 B	NA	2110	NA	1100	<7	NA	15.8 B	NA
	11/7/2004	665	NA	<0.2	NA	74.9	NA	6090 J	NA	<5	NA	<5	NA	165000	NA	7.5 B	NA	1950	NA	8400	<7	NA	18.7 B	NA
UAW15-50 (Dup)	11/7/2004	644	NA	<0.2	NA	72.6	NA	5940 J	NA	<5	NA	<5	NA	160000	NA	<10	NA	2010	NA	2000	<7	NA	<20	NA
	11/15/2005	630	NA	<0.2	NA	73.7	NA	5380 J	NA	<5	NA	<5	NA	142000	NA	<10	NA	2140	NA	NA	<7	NA	9.6 B	NA
	11/2/2006	592 J	NA	<0.2	NA	58.6	NA	6360 J	NA	<5	NA	<5	NA	150000	NA	6.9 B	NA	1830	NA	NA	<7	NA	12.7 B J	NA
	11/19/2007	632 J	NA	<0.2	NA	39 B	NA	5160	NA	<5	NA	<5	NA	125000	NA	<10	NA	1310	NA	NA	<7	NA	16.3 B	NA
UAW16-10	10/12/2001	2760	NA	<0.2	NA	17.1 B	NA	7420 J	7400 J	<5	NA	<5	NA	277000	276000	5.5 B J	NA	NA	NA	3900	59.3	NA	<20	NA
UAW16-10 (Dup)	10/12/2001	2740	NA	<0.2	NA	17.5 B	NA	7310 J	7360 J	<5	NA	<5	NA	275000	278000	8.6 B J	NA	NA	NA	6300	59.1	NA	<20	NA
	11/13/2001	2390 J	NA	<0.2	NA	12.7 B	NA	9650 J	8630 J	<5	NA	<5	NA	281000 J	244000 J	<10	NA	NA	NA	2500	29.1	NA	<20	NA
	10/18/2002	4460 J	NA	<0.2	NA	24.3 B	NA	10500 J	NA	<5	NA	NA	NA	367000	NA	8.9 B	NA	741	NA	7800	5.7 B J	NA	<20	NA
	11/16/2003	3180 J	NA	<0.2	NA	17.1 B J	NA	7040 J	NA	<5	NA	1.3 B	NA	242000	NA	8.5 B J	NA	665	NA	1800	4.1 B	NA	<20	NA
UAW16-10 (Dup)	11/17/2003	3300 J	NA	<0.2	NA	18.3 B J	NA	7290 J	NA	<5	NA	1.3 B	NA	250000	NA	11.9 J	NA	694	NA	1800	4.3 B	NA	<20	NA
	4/7/2004	3130	NA	<0.2	NA	15.3 B	NA	6380 J	NA	<5	NA	<5	NA	200000	NA	6.8 B	NA	602	NA	1100	1.6 B	NA	<20	NA
	11/7/2004	2520	NA	<0.2	NA	<40	NA	5150 J	NA	<5	NA	<5	NA	127000	NA	<10	NA	623	NA	4400	0.8 B	NA	<20	NA
	11/15/2005	2260	NA	<0.2	NA	7.2 B	NA	4950 B J	NA	<5	NA	<5	NA	166000	NA	<10	NA	2000	NA	NA	2.0 B	NA	<20	NA
	11/6/2006	1690 J	NA	<0.2	NA	6.8 B	NA	6580 J	NA	<5	NA	<5	NA	211000	NA	<10	NA	1060	NA	NA	2.1 B	NA	<20	NA
	11/19/2007	1660 J	NA	<0.2	NA	12.7 B	NA	10800	NA	<5	NA	<5	NA	369000	NA	6.6 B	NA	973	NA	NA	3.2 B	NA	7.9 B	NA
UAW17-40	5/5/2001	242	NA	<0.2	NA	12.5 B	NA	1900 B	2020 B	<5	NA	<5	NA	17400	18300	<10	NA	NA	NA	<1000	1.5 B	NA	<20	NA
	11/9/2001	301 J	NA	<0.2	NA	5 B	NA	1720 B	1750 B	<5	NA	<5	NA	13100 J	13300 J	<10	NA	NA	NA	<1000	0.92 B	NA	<20	NA
	10/16/2002	268 J	NA	<0.2	NA	5.3 B	NA	1480 B J	NA	<5	NA	NA	NA	11100	NA	<10	NA	<100	NA	5400	1.2 B J	NA	<20	NA
	11/16/2003	241 J	NA	<0.2	NA	6.9 B J	NA	1330 B J E	NA	<5	NA	<5	NA	10700	NA	12.7 J	NA	<100	NA	<1000	<7	NA	<20	NA
	3/31/2004	148 J	NA	<0.2	NA	3.9 B	NA	1390 B J E	NA	<5	NA	<5	NA	11300	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/6/2004	250 J	NA	<0.2	NA	<40	NA	948 B J	NA	<5	NA	<5	NA	10500	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/14/2005	266 J	NA	<0.2	NA	1.4 B	NA	817 B	NA	<5	NA	<5	NA	9590	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
	10/31/2006	309 J	NA	<0.2	NA	<40	NA	966 B J	NA	<5	NA	<5	NA	10300	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
	11/19/2007	311 J	NA	<0.2	NA	<40	NA	851 B	NA	<5	NA	<5	NA	13400	NA	5.8 B	NA	8 B	NA	NA	<7	NA	<20	NA

Table B-4
Summary of Inorganic Detections in Groundwater, Seep, and Surface Water Samples
Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Manganese	Manganese-DISS	Mercury	Mercury-DISS	Nickel	Nickel-DISS	Potassium	Potassium-DISS	Selenium	Selenium-DISS	Silver	Silver-DISS	Sodium	Sodium-DISS	Thallium	Thallium-DISS	Tin	Tin-DISS	Total Sulfide	Vanadium	Vanadium-DISS	Zinc	Zinc-DISS
Groundwater																								
UAW18-20	10/12/2001	1220	NA	<0.2	NA	28.8 B	NA	6060 J	6200 J	<5	NA	<5	NA	1520000	1490000	5.8 B J	NA	NA	NA	3100	1.7 B	NA	<20	NA
UAW18-20	11/13/2001	1130 J	NA	<0.2	NA	28.6 B	NA	6120 J	5510 J	<5	NA	<5	NA	1720000 J	1610000 J	<10	NA	NA	NA	2200	<7	NA	<20	NA
	10/18/2002	282 J	NA	<0.2	NA	16.3 B	NA	1830 B J	NA	<5	NA	NA	NA	487000	NA	<10	NA	1670	NA	3000	1.8 B J	NA	<20	NA
	11/16/2003	685 J	NA	<0.2	NA	37.6 B J	NA	6240 J	NA	<5	NA	1.2 B	NA	1040000	NA	12.5 J	NA	2000	NA	800 B	1.5 B	NA	<20	NA
	4/7/2004	1900	NA	<0.2	NA	33.4 B	NA	6950 J	NA	<5	NA	<5	NA	905000	NA	8.4 B	NA	1710	NA	960 B	1.2 B	NA	<20	NA
	11/7/2004	5390	NA	<0.2	NA	62.8	NA	7970 J	NA	<5	NA	<5	NA	1200000	NA	5 B	NA	2040	NA	4600	3.5 B	NA	<20	NA
	11/15/2005	460	NA	<0.2	NA	6.3 B	NA	1620 B J	NA	4.6 B	NA	<5	NA	111000	NA	<10	NA	152	NA	NA	<7	NA	53.8	NA
	11/6/2006	1050 J	NA	<0.2	NA	13.4 B	NA	2340 B J	NA	<5	NA	<5	NA	537000	NA	<10	NA	3660	NA	NA	<7	NA	12.2 B J	NA
	11/16/2007	1660	NA	<0.2	NA	23.4 B	NA	4350 B J	NA	<5	NA	<5	NA	1020000	NA	<10	NA	729	NA	NA	1.3 B	NA	24	NA
UAW19-80	5/6/2001	117	NA	<0.2	NA	11.7 B	NA	1970 B	1780 B	<5	NA	<5	NA	53000	51200	<10	NA	NA	NA	990 B	<7	NA	18.4 B	NA
	11/12/2001	60.9	NA	<0.2	NA	14.1 B	NA	2020 B	1850 B	<5	NA	<5	NA	58700	59400	10.3 J	NA	NA	NA	<1000	1 B	NA	<20	NA
UAW19-80 (Dup)	11/12/2001	1190	NA	<0.2	NA	66.3	NA	5960	5750	<5	NA	<5	NA	261000	254000	8.2 B J	NA	NA	NA	<1000	<7	NA	<20	NA
	10/17/2002	27.8 J	NA	<0.2	NA	6.2 B	NA	2130 B J	NA	<5	NA	NA	NA	60100	NA	7.6 B	NA	<100	NA	300 B	1 B J	NA	<20	NA
UAW19-80 (Dup)	10/17/2002	26.9 J	NA	<0.2	NA	5.8 B	NA	2090 B J	NA	<5	NA	NA	NA	59700	NA	5.9 B	NA	<100	NA	620 B	1.1 B J	NA	<20	NA
	11/13/2003	17.5 J	NA	<0.2	NA	10.8 B	NA	1870 B J	NA	<5	NA	<5	NA	59600	NA	<10	NA	<100	NA	420 B	<7	NA	<20	NA
	3/30/2004	28.4 J	NA	<0.2	NA	<40	NA	1830 B J	NA	<5	NA	<5	NA	62400	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/5/2004	12.8 B J	NA	<0.2	NA	3.4 B	NA	1880 B	NA	<5	NA	<5	NA	63900	NA	<10	NA	<100	NA	640 B	<7	NA	<20	NA
UAW19-80N	11/11/2005	17.8 J	NA	<0.2	NA	2.0 B	NA	1890 B	NA	<5	NA	<5	NA	69200	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
UAW19-80FD(DUP)	11/11/2005	17.0 J	NA	<0.2	NA	1.7 B	NA	1870 B	NA	<5	NA	<5	NA	67900	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
	11/8/2006	80.2 J	NA	<0.2	NA	4.4 B	NA	2280 B J	NA	<5	NA	<5	NA	68800	NA	<10	NA	<100	NA	NA	3.1 B	NA	10 B J	NA
	11/14/2007	14.3 B	NA	<0.2	NA	<40	NA	2060 B J	NA	<5	NA	<5	NA	69600	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
UAW20-60	5/7/2001	366	NA	<0.2	NA	18.4 B	NA	4060 B	3640 B	<5	NA	<5	NA	128000	162000	7.4 B	NA	NA	NA	960 B	<7	NA	14.4 B MBE	NA
	11/14/2001	303	NA	<0.2	NA	8.7 B	NA	3640 B	3530 B	<5	NA	<5	NA	139000	134000	13.8	NA	NA	NA	1600	<7	NA	<20	NA
UAW20-60 (Dup)	11/14/2001	303	NA	<0.2	NA	8.9 B	NA	3550 B L	3610 B	<5	NA	<5	NA	137000	137000	10.3	NA	NA	NA	1800	<7	NA	<20	NA
	10/19/2002	179	NA	<0.2	NA	7.1 B	NA	2350 B J	NA	<5	NA	NA	NA	114000	NA	5.5 B	NA	15 B	NA	<1000	<7	NA	<20	NA
UAW20-60 (Dup)	10/19/2002	696	NA	<0.2	NA	38.2 B	NA	4970 B J	NA	<5	NA	NA	NA	234000	NA	6.6 B	NA	547	NA	<1000	5.2 B	NA	<20	NA
	11/13/2003	111 J	NA	<0.2	NA	7.1 B	NA	2240 B J	NA	<5	NA	<5	NA	99100	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	3/30/2004	96.3 J	NA	<0.2	NA	21.6 B	NA	2080 B J	NA	<5	NA	<5	NA	103000	NA	<10	NA	9 B	NA	1400	<7	NA	<20	NA
	11/5/2004	95.3 J	NA	<0.2	NA	6.5 B	NA	2250 B	NA	<5	NA	<5	NA	104000	NA	7.9 B	NA	<100	NA	<1000	<7	NA	<20	NA
	11/11/2005	127 J	NA	<0.2	NA	7.0 B	NA	2460 B	NA	<5	NA	<5	NA	109000	NA	<10	NA	<100	NA	NA	<7	NA	9.5 U	NA
	11/7/2006	94.7 J	NA	<0.2	NA	8.2 B	NA	1960 B J	NA	<5	NA	<5	NA	85200	NA	5.3 B	NA	9.8 B	NA	NA	<7	NA	8.3 B J	NA
	11/15/2007	80.6	NA	<0.2	NA	6.7 B	NA	2180 B J	NA	<5	NA	<5	NA	85600	NA	<10	NA	7.3 B	NA	NA	<7	NA	5.6 B	NA
UAW21-30	5/5/2001	82.8	NA	<0.2	NA	17.7 B	NA	5210	6420	<5	NA	<5	NA	284000	347000	<10	NA	NA	NA	<1000	0.95 B	NA	<20	NA
	11/11/2001	152	NA	<0.2	NA	170	NA	3610 B	2820 B	<5	NA	<5	NA	53500	54100	6.7 B J	NA	NA	NA	<1000	6.4 B	NA	30	NA
	10/18/2002	340 J	NA	<0.2	NA	623	NA	3410 B J	NA	<5	NA	NA	NA	47800	NA	6.4 B	NA	<100	NA	460 B	4.9 B J	NA	<20	NA
	11/11/2003	174 J	NA	<0.2	NA	103	NA	4350 B J	NA	<5	NA	<5	NA	48100	NA	9 B	NA	<100	NA	<1000	9	NA	29.8 J	NA
	3/27/2004	108 J	NA	<0.2	NA	171	NA	3560 B J	NA	8.7	NA	<5	NA	37800	NA	7.3 B J	NA	<100	NA	1000	3 B	NA	<20	NA
	11/3/2004	126	NA	<0.2	NA	518	NA	3460 B J	NA	4.3 B	NA	<5	NA	46200	NA	<10	NA	19.4 B	NA	<1000	3.1 B	NA	14.3 B	NA
	11/9/2005	67.3 J	NA	<0.2	NA	600 J	NA	3570 B J	NA	3.6 B	NA	<5	NA	78800	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
	11/9/2006	1200 J	NA	<0.2	NA	1950	NA	5410 J	NA	<5	NA	<5	NA	77600	NA	<10	NA	6.8 B	NA	NA	39.3	NA	35.9 J	NA
	11/6/2007	107 J	NA	<0.2	NA	994	NA	4610 B J	NA	<5	NA	<5	NA	245000	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA

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Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Manganese	Manganese-DISS	Mercury	Mercury-DISS	Nickel	Nickel-DISS	Potassium	Potassium-DISS	Selenium	Selenium-DISS	Silver	Silver-DISS	Sodium	Sodium-DISS	Thallium	Thallium-DISS	Tin	Tin-DISS	Total Sulfide	Vanadium	Vanadium-DISS	Zinc	Zinc-DISS
Groundwater																								
UAW21-80	5/5/2001	609	NA	<0.2	NA	7.6 B	NA	1190 B	1210 B	<5	NA	<5	NA	28600	26900	<10	NA	NA	NA	<1000	<7	NA	13.8 B	NA
	11/11/2001	728	NA	<0.2	NA	7.5 B	NA	1350 B	1310 B	<5	NA	<5	NA	30700	31900	9.2 B	NA	NA	NA	<1000	<7	NA	<20	NA
	10/18/2002	787 J	NA	<0.2	NA	12.7 B	NA	1380 B J	NA	<5	NA	NA	NA	31900	NA	<10	NA	<100	NA	<1000	1.6 B J	NA	<20	NA
	11/11/2003	791 J	NA	<0.2	NA	9.5 B	NA	1300 B J	NA	<5	NA	<5	NA	39800	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	3/27/2004	798 J	NA	<0.2	NA	6.6 B	NA	1040 B J	NA	4.6 B	NA	<5	NA	38700	NA	<10	NA	<100	NA	410 B	<7	NA	<20	NA
	11/3/2004	760	NA	<0.2	NA	6.2 B	NA	1130 B J	NA	<5	NA	<5	NA	41700	NA	5.2 B	NA	<100	NA	<1000	<7	NA	<20	NA
	11/3/2004	760	NA	<0.2	NA	6.2 B	NA	1130 B J	NA	<5	NA	<5	NA	41700	NA	5.2 B	NA	<100	NA	<1000	<7	NA	<20	NA
	11/8/2005	739 J	NA	<0.2	NA	7.1 B	NA	1180 B J	NA	<5	NA	<5	NA	48400	NA	<10	NA	<100	NA	<1000	<7	NA	13.4 B	NA
	11/8/2006	789 J	NA	<0.2	NA	6.2 B	NA	1110 B J	NA	<5	NA	<5	NA	50900	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
	11/6/2007	<15	NA	<0.2	NA	<40	NA	7190 J	NA	<5	NA	<5	NA	29900	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
UAW22-20	10/13/2001	8260	NA	<0.2	NA	56.4	NA	18400 J	15500 J	<5	NA	<5	NA	661000	673000	<10	NA	NA	NA	<1000	24	NA	86.8	NA
	11/13/2001	6960 J	NA	<0.2	NA	57.3	NA	16600 J	12400 J	<5	NA	<5	NA	706000 J	676000 J	<10	NA	NA	NA	1800	29.6	NA	132 J	NA
	10/20/2002	3350	NA	<0.2	NA	28 B	NA	6330 J E	NA	<5	NA	NA	NA	381000	NA	<10	NA	979	NA	1400	7.2	NA	<20	NA
	11/10/2003	10800 J	NA	<0.2	NA	20.8 B	NA	8380 J	NA	<5	NA	<5	NA	996000	NA	<10	NA	529	NA	<1000	2.7 B	NA	59.3 J	NA
	3/29/2004	9640 J	NA	<0.2	NA	11.4 B	NA	9510 J	NA	<5	NA	<5	NA	921000	NA	<10	NA	203	NA	410 B	3.6 B	NA	<20	NA
	11/4/2004	11800 J	NA	<0.2	NA	15.4 B	NA	7910 J	NA	<5	NA	<5	NA	726000	NA	6.3 B	NA	460	NA	<1000	1 B	NA	<20	NA
	11/15/2005	13000 J	NA	<0.2	NA	22.6 B	NA	13300	NA	<5	NA	<5	NA	1260000	NA	<10	NA	266	NA	NA	3.7 B	NA	8.5 U	NA
	11/9/2006	7620 J	NA	<0.2	NA	78.1	NA	11600 J	NA	<5	NA	<5	NA	1020000	NA	11.9	NA	117	NA	NA	11.3	NA	65.6 J	NA
	11/16/2007	7330	NA	<0.2	NA	17.3 B	NA	10600 J	NA	<5	NA	<5	NA	662000	NA	<10	NA	261	NA	NA	<7	NA	11 B	NA
UAW23-20	10/12/2001	31.5	NA	<0.2	NA	12.8 B	NA	26900 J	26800 J	6.1	NA	<5	NA	167000	166000	8.9 B J	NA	NA	NA	2000	<7	NA	<20	NA
	11/14/2001	227	NA	<0.2	NA	296	NA	23200	23500	9.5	NA	<5	NA	169000	169000	11.3	NA	NA	NA	<1000	<7	NA	<20	NA
	10/19/2002	88.1	NA	<0.2	NA	400	NA	19400 J	NA	20.2	NA	NA	NA	126000	NA	<10	NA	<100	NA	300 B	<7	NA	<20	NA
	11/13/2003	155 J	NA	<0.2	NA	789	NA	21000 J	NA	12.7	NA	<5	NA	99500	NA	<10	NA	<100	NA	420 B	<7	NA	<20	NA
	3/28/2004	89.4 J	NA	<0.2	NA	214	NA	19900 J	NA	18.2	NA	<5	NA	105000	NA	<10	NA	<100	NA	730 B	3.7 B	NA	<20	NA
	11/5/2004	24.4 J	NA	<0.2	NA	81.4	NA	22400	NA	15.1	NA	<5	NA	116000	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/14/2005	106 J	NA	<0.2	NA	447	NA	21800	NA	16.9	NA	<5	NA	159000	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
	11/6/2006	36.3 J	NA	<0.2	NA	86.3	NA	23900 J	NA	18.5	NA	<5	NA	125000	NA	<10	NA	11.2 B	NA	NA	<7	NA	<20	NA
	11/13/2007	132	NA	<0.2	NA	395	NA	23200 J	NA	17.1	NA	<5	NA	109000	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
UAW24-70	10/13/2001	115	NA	<0.2	NA	5.5 B	NA	2150 B J	2050 B J	<5	NA	<5	NA	50500	55500	<10	NA	NA	NA	2800	<7	NA	<20	NA
	11/15/2001	154	NA	<0.2	NA	3.8 B	NA	4220 B J	3380 B J	<5	NA	<5	NA	57200	79300	5 B	NA	NA	NA	1100	<7	NA	<20	NA
	10/17/2002	245 J	NA	<0.2	NA	16.9 B	NA	4950 B J	NA	<5	NA	NA	NA	51100	NA	8.6 B	NA	<100	NA	460 B	1.1 B J	NA	<20	NA
	11/16/2003	162 J	NA	<0.2	NA	13.7 B J	NA	9890 J	NA	<5	NA	2 B	NA	54200	NA	14.7 J	NA	7.8 B	NA	<1000	<7	NA	<20	NA
	4/5/2004	231	NA	<0.2	NA	5.9 B	NA	3100 B J	NA	<5	NA	<5	NA	37400	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/6/2004	204 J	NA	<0.2	NA	<40	NA	3180 B J	NA	<5	NA	<5	NA	46600	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/16/2005	159	NA	<0.2	NA	2.5 B	NA	2410 B J	NA	<5	NA	<5	NA	39100	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
	10/31/2006	216 J	NA	<0.2	NA	4.7 B	NA	2190 B J	NA	<5	NA	<5	NA	34500	NA	5 B	NA	<100	NA	NA	<7	NA	<20	NA
	11/7/2007	<15	NA	<0.2	NA	<40	NA	21100 J	NA	<5	NA	<5	NA	124000	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA

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Units: mg/l

Sample Location	Sample Date	Manganese	Manganese-DISS	Mercury	Mercury-DISS	Nickel	Nickel-DISS	Potassium	Potassium-DISS	Selenium	Selenium-DISS	Silver	Silver-DISS	Sodium	Sodium-DISS	Thallium	Thallium-DISS	Tin	Tin-DISS	Total Sulfide	Vanadium	Vanadium-DISS	Zinc	Zinc-DISS
Groundwater																								
UAW25-20	10/13/2001	1000	NA	<0.2	NA	27.7 B	NA	3530 B J	3540 B J	<5	NA	<5	NA	338000	340000	<10	NA	NA	NA	1500	1.2 B	NA	99.2	NA
	11/13/2001	914 J	NA	<0.2	NA	97.5	NA	3480 B J	3160 B J	<5	NA	<5	NA	328000 J	296000 J	<10	NA	NA	NA	2200	5.2 B	NA	<20	NA
	10/18/2002	1100 J	NA	<0.2	NA	48.3	NA	11800 J	NA	<5	NA	NA	NA	395000	NA	<10	NA	188	NA	<1000	<7	NA	<20	NA
	11/12/2003	1500 J	NA	<0.2	NA	64.1	NA	6870 J	NA	<5	NA	<5	NA	429000	NA	<10	NA	150	NA	<1000	<7	NA	<20	NA
	3/27/2004	1140 J	NA	<0.2	NA	128	NA	6970 J	NA	<5	NA	<5	NA	320000	NA	<10	NA	130	NA	1200	1.4 B	NA	<20	NA
	11/3/2004	1670	NA	0.06 B	NA	80.8	NA	9500 J	NA	<5	NA	<5	NA	406000	NA	<10	NA	134	NA	<1000	<7	NA	<20	NA
	11/9/2005	1880 J	NA	<0.2	NA	38.7 B J	NA	11200 J	NA	<5	NA	<5	NA	484000	NA	<10	NA	140	NA	NA	<7	NA	<20	NA
	11/8/2006	1400 J	NA	<0.2	NA	77.4	NA	3380 B J	NA	<5	NA	<5	NA	391000	NA	<10	NA	136	NA	NA	<7	NA	<20	NA
	11/8/2007	774 J	NA	<0.2	NA	13.7 B	NA	2810 B J	NA	<5	NA	<5	NA	414000	NA	<10	NA	156 J	NA	NA	<7	NA	<20	NA
UAW26-70	4/6/2004	363	NA	<0.2	NA	4.1 B	NA	2290 B J	NA	<5	NA	<5	NA	40600	NA	<10	NA	<100	NA	1100	<7	NA	<20	NA
	11/6/2004	282 J	NA	<0.2	NA	<40	NA	1610 B J E	NA	<5	NA	<5	NA	35700	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/9/2005	315 J	NA	<0.2	NA	32.2 B J	NA	2570 B J	NA	4.3 B	NA	<5	NA	33800	NA	<10	NA	<100	NA	NA	<7	NA	22.3	NA
	11/7/2006	308 J	NA	<0.2	NA	<40	NA	1490 B J	NA	<5	NA	<5	NA	36700	NA	<10	NA	<100	NA	NA	<7	NA	15.3 B J	NA
	11/14/2007	56.8	NA	<0.2	NA	5.4 B	NA	4660 B J	NA	<5	NA	<5	NA	28500	NA	<10	NA	<100	NA	NA	2.1 B	NA	11.8 B	NA
UAW27-50	3/31/2004	124 J	NA	<0.2	NA	33.2 B	NA	2120 B J	NA	<5	NA	<5	NA	37600	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/5/2004	25.9 J	NA	<0.2	NA	8.4 B	NA	2220 B J	NA	<5	NA	<5	NA	32800	NA	<10	NA	<100	NA	<1000	<7	NA	<20	NA
	11/11/2005	16.2 J	NA	<0.2	NA	6.0 B	NA	1960 B	NA	<5	NA	<5	NA	31600	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
	11/1/2006	17.8 J	NA	<0.2	NA	38.2 B	NA	1880 B J	NA	<5	NA	<5	NA	27900	NA	<10	NA	9.7 B	NA	NA	<7	NA	10.3 B J	NA
	11/13/2007	42.5	NA	<0.2	NA	65.8	NA	1940 B J	NA	<5	NA	<5	NA	30400	NA	<10	NA	<100	NA	NA	<7	NA	10.2 B	NA
LAW05-60	3/16/2002	NA	NA	<0.2	NA	18.7 B	NA	NA	NA	5.3	NA	<5	NA	NA	NA	<10	NA	<100	NA	<1000	2 B	NA	41.2	NA
LAW05-150	3/16/2002	NA	NA	0.35	NA	<40	NA	NA	NA	<5	NA	<5	NA	NA	NA	<10	NA	<100	NA	1000	<7	NA	<20	NA
LAW05-150 (Dup)	3/16/2002	NA	NA	0.16 B	NA	<40	NA	NA	NA	<5	NA	<5	NA	NA	NA	<10	NA	<100	NA	<1000	<7	NA	59.6	NA
LAW12-60	10/13/2001	NA	NA	<0.2	NA	14.2 B	NA	10000 J	9590 J	<5	NA	<5	NA	61300	59200	5.5 B	NA	<100	NA	1500	2 B	NA	<20	NA
LAW12-60	11/16/2001	NA	NA	<0.2	NA	5.8 B	NA	11100 J	9780 J	<5	NA	<5	NA	54900	49500	<10	NA	<100	NA	<1000	<7	NA	<20	NA
20061102CINEB-1	11/2/2006	0.28 B J	NA	<0.2	NA	<40	NA	158 B J	NA	<5	NA	<5	NA	<5000	NA	<10	NA	7.3 B	NA	NA	<7	NA	<20	NA
20061106CINEB-1	11/6/2006	<15	NA	<0.2	NA	<40	NA	162 B J	NA	<5	NA	<5	NA	<5000	NA	<10	NA	5.3 B	NA	NA	<7	NA	<20	NA
20061106CINFB-1	11/6/2006	0.53 B J	NA	<0.2	NA	<40	NA	157 B J	NA	<5	NA	<5	NA	<5000	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
20061108CINFB-1	11/8/2006	<15	NA	<0.2	NA	<40	NA	157 B J	NA	<5	NA	<5	NA	<5000	NA	5.1 B	NA	<100	NA	NA	<7	NA	<20	NA
20071107CINEB-1	11/7/2007	<15	NA	<0.2	NA	<40	NA	<5000	NA	<5	NA	<5	NA	<5000	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
20071107CINFB-1	11/7/2007	<15	NA	<0.2	NA	<40	NA	<5000	NA	<5	NA	<5	NA	<5000	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
20071115CINEB-2	11/15/2007	<15	NA	<0.2	NA	<40	NA	159 B J	NA	<5	NA	<5	NA	<5000	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
20071115CINFB-2	11/15/2007	<15	NA	<0.2	NA	<40	NA	160 B J	NA	<5	NA	<5	NA	<5000	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
French Drain Sump @ 46 hr	10/19/2002	1550	NA	<0.2	NA	46.8	NA	5880 J	NA	<5	NA	NA	NA	304000	NA	6.3 B	NA	2930	NA	8600	73.8	NA	22.4	NA
French Drain Sump @ 72 hr	10/20/2002	1580	NA	<0.2	NA	47	NA	5950 J	NA	<5	NA	NA	NA	307000	NA	<10	NA	3070	NA	9600	74.2	NA	67.9	NA

Table B-4
Summary of Inorganic Detections in Groundwater, Seep, and Surface Water Samples
Rohm and Haas Chemicals LLC
Reading, Ohio
Units: mg/l

Sample Location	Sample Date	Manganese	Manganese-DISS	Mercury	Mercury-DISS	Nickel	Nickel-DISS	Potassium	Potassium-DISS	Selenium	Selenium-DISS	Silver	Silver-DISS	Sodium	Sodium-DISS	Thallium	Thallium-DISS	Tin	Tin-DISS	Total Sulfide	Vanadium	Vanadium-DISS	Zinc	Zinc-DISS
Groundwater																								
Surface Water																								
WS-1A	3/25/2004	NA	NA	NA	<0.2	NA	<40	NA	NA	NA	<5	NA	<5	NA	NA	NA	<10	NA	<100	900 B	NA	<7	NA	16.4 B
WS-2A	3/26/2004	NA	NA	0.094 B J	NA	<40	NA	NA	NA	<5	NA	<5	NA	NA	NA	<10	NA	<100	NA	<1000	<7	NA	16.2 B	NA
WS-3A	3/26/2004	NA	NA	0.077 B J	NA	<40	NA	NA	NA	<5	NA	<5	NA	NA	NA	<10	NA	<100	NA	<1000	<7	NA	14.5 B	NA
WS-4A	3/26/2004	NA	NA	0.079 B J	NA	<40	NA	NA	NA	<5	NA	<5	NA	NA	NA	<10	NA	<100	NA	740 B	<7	NA	17.4 B	NA
WS-5A	3/25/2004	NA	NA	NA	0.064 B J	NA	<40	NA	NA	NA	<5	NA	<5	NA	NA	NA	<10	NA	<100	<1000	NA	<7	NA	16 B
WS-6A	3/25/2004	NA	NA	NA	<0.2	NA	<40	NA	NA	NA	<5	NA	<5	NA	NA	NA	<10	NA	<100	<1000	NA	<7	NA	15.3 B
WS-6A (Dup)	3/25/2004	NA	NA	NA	0.04 B J	NA	<40	NA	NA	NA	<5	NA	<5	NA	NA	NA	6.8 B	NA	<100	1400	NA	<7	NA	23.1
Seeps																								
SS-1 (Seep)	10/11/2001	2150	2070	<0.2	<0.2	214	22.3 B	14200 J	9600 J L	<5	<5	NA	NA	149000	361000	<10	<10	782	121	<1000	124	1.6 B	411	12.6 B
SS-5 (Seep)	10/11/2001	2730	947	0.18 B	<0.2	57.7	85.9	14100 J	7180 J	<5	<5	NA	NA	375000	159000	<10	<10	1340	348	<1000	33.2	11.6	219	19.4 B

* = Indicates that Environmental Standards qualified the data as a "non-detect" as part of the 10% data validation. The analyte was detected in a field and/or laboratory blank at a similar level.
The only validation qualifiers that have been annotated into the summary tables are qualifications of detected compounds. Please refer to Appendix D for excerpts from the Quality Assurance Review (Envionmental Standards, 2004) and to review data qualification of "non-detect" results.

APPENDIX C

(CD)

LABORATORY ANALYTICAL RESULTS ELECTRONIC DATA DELIVERABLE (EDD)

APPENDIX D

ANALYTICAL DATA REVIEW REPORT

ANALYTICAL DATA REVIEW REPORT
ROHM & HAAS CINCINNATI FACILITY
SITE-WIDE GROUNDWATER SAMPLING EVENT
(NOVEMBER 2007)
PARSONS PROJECT NUMBER 442853-03000

INTRODUCTION

Overview

The results of the laboratory analysis of samples collected for the most recent annual sampling event (November 2007) at the Rohm and Haas Cincinnati site have been reviewed. Thirty-seven wells were sampled during the period of November 06-November 19, 2007. Samples 20071112UAW10-50V53.70N and 20071115UAW09-60V52N were collected as field duplicates. Two equipment blank samples and two field blank samples were collected and analyzed for VOCs. A trip blank was submitted with each sample shipment and was analyzed for VOCs. Test America of North Canton, OH provided the analytical results.

Analytical data were reported in three analytical reports for TestAmerica Project No. 442853, identified as follows: A7K100138 (dated November 26, 2007), 7K150214 (dated December 05, 2007), and 7K17102 (dated December 12, 2007. The analytical report for Lot# A7K100138 contained the results for samples analyzed under one laboratory ID group: A7K100138. The analytical report for SDG 7K150214 contained the results for samples analyzed under one laboratory ID group: A7K150214. The analytical report for SDG 7K1702 contained the results for samples analyzed under two laboratory ID groups: A7K170102 and A7K200111.

This report presents a quality assurance/quality control review of the analytical data. The data were reviewed for compliance with the method-specific limitations as specified by EPA SW-846. The data were also assessed using "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (EPA-540/R-99-008, October 1999) and "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (EPA 540/R-04-004, October 2004) and professional judgment. These documents are specified as "guidance" since the referenced documents are directly applicable to US EPA CLP analyses and not necessarily SW-846 analyses. For this reason, the guidance documents were used in conjunction with appropriate professional judgment. Analytical results for all parameters are presented in the TestAmerica Analytical Report for each SDG/Job Number. The following analytical methods were used:

- Volatile Organic Compounds (VOCs) by GC/MS EPA Method SW8260B;
- Semi-Volatile Organic Compounds (SVOCs) by GC/MS EPA Method SW8270C;
- Metals by EPA Method SW6010B; and,
- Mercury by EPA Method SW7470A.

Samples validated and analyses performed are summarized on Table 1. Sample identification discrepancies between chain-of-custody (COC) record and laboratory

report "client sample ID" identification are listed on Table 1 and summarized in the next section of this report. Data qualifiers applied as a result of data validation are summarized on Table 2.

Sampling, Requested Analyses, Sample Identification, and Chain-of-Custody

The samples were collected, properly preserved, properly identified, and shipped under a COC record, and received at TestAmerica within one or two days of sampling. All samples were received intact and in good condition at TestAmerica.

Conclusion and Data Quality Summary

Based on this data assessment and the available Quality Assurance/Quality Control (QA/QC) information, the data (as qualified in this report) are usable for the purpose of reporting annual groundwater monitoring results. Certain sample results were qualified as estimated ("J") due to minor data quality deficiencies. Data qualifiers applied as a result of data validation are summarized on Table 2. Sample results reported at a concentration less than the reporting limit, but greater than the MDL, have been flagged by the laboratory as "J" for VOCs or SVOCs or as "B" for metals and should be considered to be estimated values ("J"). These values have not been summarized in Table 2 as qualified values.

The analytical data review results are presented by analysis type in the sections following.

Volatile Organic Compounds (VOCs) by Method SW8260B

A. Holding Times

Maximum holding time for analysis of VOCs in water samples cooled to 4°C and preserved with HCl to a pH of ≤2 is 14 days from sample collection. Evaluation results are shown below.

- All samples in sample groups A7K100138, A7K150214, A7K170102, and A7K200111 were preserved to pH of ≤2, with cooler temperatures in the range of 0.0°C to 3.8°C as verified from TestAmerica Cooler Receipt Forms.
- All samples were prepared and analyzed for VOCs within the method holding time. No sample results were qualified based on holding times.

B. Laboratory Method Blank

Target VOCs were analyzed in a laboratory method blank with each analysis QC batch. Sample concentrations less than 5x the blank amount (or 10x for Acetone, Methylene chloride, and 2-Butanone) (times dilution factor) were qualified as undetected ("U") based on associated method blank contamination and should be considered to be potential "false-positive" results. Evaluation results are as shown below.

- In Lot # A7K100138, one method blank was analyzed with each QC batch. VOC analytes were reported as "not detected" with the exceptions shown below.
- In SDGs 7K15214 and 7K17102 one method blank was analyzed with each QC batch. VOC analytes were reported as "not detected" with the exceptions shown below.
-

Sample Group/ Prep batch	Method Blank ID	Analyte (Conc. ug/L)	Affected Samples	Conc. (ug/L)	Lab Flag	Data Qual.
A7K100138/ 7323402	A7K190000-402	Methylene chloride (0.37)	20071107UAW08-20V17.04N	7.8	JB	17U
A7K150214/ 7324344	A7K200000-344	2-Butanone (1.0)	20071113UAW03-20V16N	1.4	JB	10U
A7K150214/ 7324344	A7K200000-344	Methylene chloride (0.45)	20071114UAW19-80V65N	0.47	JB	1.4U
A7K150214/ 7325271	A7K210000-271	Methylene chloride (0.62)	20071112UAW10-80V72N	0.54	JB	1.4U
A7K170102/ 7332147	A7K280000-147	2-Butanone (1.0)	20071116UAW18-20V15N	0.68	JB	10U
A7K170102/ 7332147	A7K280000-147	2-Butanone (1.0)	20071116UAW12-20V14N	57	JB	670U
A7K170102/ 7332147	A7K280000-147	2-Butanone (1.0)	20071116UAW13-20V13N	29	JB	120U
A7K170102/ 7332147	A7K280000-147	Acetone (1.9)	20071115UAW05-20V15.38N	130	JB	620U
A7K170102/ 7332147	A7K280000-147	2-Butanone (1.5)	20071115UAW05-20V15.38N	84	JB	620U

Table Cont'd						
Sample Group/ Prep batch	Method Blank ID	Analyte (Conc. ug/L)	Affected Samples	Conc. (ug/L)	Lab Flag	Data Qual.
A7K170102/ 7332147	A7K280000-147	Acetone (1.9)	20071115UAW06-20V17N	11	JB	50U
A7K170102/ 7332147	A7K280000-147	2-Butanone (1.5)	20071115UAW06-20V17N	5.9	JB	50U
A7K170102/ 7332147	A7K280000-147	Acetone (1.9)	20071115UAW20-60V53N	120	JB	670U
A7K170102/ 7332147	A7K280000-147	2-Butanone (1.5)	20071115UAW20-60V53N	110	JB	670U
A7K170102/ 7332147	A7K280000-147	Acetone (1.9)	20071115UAW07-20V14N	44	JB	200U
A7K170102/ 7332147	A7K280000-147	2-Butanone (1.5)	20071115UAW07-20V14N	27	JB	200U
A7K200111/ 7333150	A7K290000-150	2-Butanone (0.59)	20071119UAW15-50V44N	1.0	JB	10U
A7K200111/ 7333150	A7K290000-150	2-Butanone (0.59)	20071119UAW16-10V12N	0.91	JB	14U

C. Surrogate Spikes

System monitoring compounds (surrogate spikes) were spiked into each sample analyzed for VOCs and analyzed with each batch of samples. Evaluation results are shown below.

- In Sample Group A7K100138 and in SDGs 7K150214 and 7K17102, each surrogate compound recovery was within the Quality Control (QC) limit in each sample. No sample results were qualified based on surrogate spike recoveries.

D. Laboratory Control Samples (LCS) and Laboratory Control Sample Duplicates (LCSD)

Laboratory Control Sample results were reported with the analysis of samples for VOCs. Ranges of LCS percent recovery (%R) and advisory limits for LCS percent recovery, as well as those for LCS/LCSD pair relative percent difference (RPD) are detailed in the TestAmerica Report. An LCS/LCSD pair was analyzed with each of the preparation batches where MS/MSD analyses were not. Evaluation results are shown below.

- In Sample Group A7K1001138 and SDGs 7K150214 and 7K17102, all LCS %R, LCSD %R, and LCS/LCSD RPD values for each of the LCS or LCS/LCSD analyses were within the advisory QC limits. No qualification of data is necessary based on LCS results.

E. Matrix Spike (MS) and Matrix Spike Duplicates (MSD)

Matrix Spike and Matrix Spike Duplicate recovery and RPD precision values were reported with the analysis of the samples for VOCs. Evaluation results are shown below.

- In Sample Group A7K100138, sample 20071108UAW25-20V18.5N was utilized for MS/MSD analyses; all MS/MSD %R and MS/MSD RPD values were within advisory control limits.

- In SDG 7K150214, sample 20071114MW-EPA-3V15N was utilized for MS/MSD analyses; all MS/MSD %R and MS/MSD RPD values were within advisory control limits.
- In SDG 7K17102, non-project samples were utilized for MS/MSD analyses.

Sample Group	Sample ID	Analyte	MS/MSD %R	QC Limit	Val Flag
A7K170102	20071115UAW07-20V14N	Chlorobenzene	61/57	76-117	J

F. Trip Blanks

Trip blanks were submitted for analysis of VOCs. Trip blanks were submitted with each group (shipment) of volatiles. Sample concentrations less than five times (or ten times for Acetone, Methylene chloride, and 2-Butanone) (times dilution factor) the blank amount were qualified as undetected ("U") based on associated method blank contamination and should be considered to be potential "false-positive" results. Evaluation results are as shown below.

- In Sample Group A7K100138, two trip blanks were collected. In SDG 7K150214, one trip blank was collected. In SDG 7K17102, two trip blanks were collected. VOC analytes were reported as "not detected", with the exceptions show below. All site sample results for Acetone and 2-Butanone were qualified based on equipment blank contamination; therefore, the qualifications based on trip blank contamination are not individually listed below.

Sample Group	Trip Blank ID	Analyte (Conc. ug/L)	Affected Samples	Sample Conc.	Lab Flag	Data Qual
A7K100138	20071109CINTB-1	Acetone (1.5J)	20071107UAW24-70V65N	1.9	J	10U
A7K100138	20071109CINTB-1	Acetone (1.5J)	20071107UAW08-20V17.04N	130	J	170U
A7K170102	20071116CINTB-1	Acetone (2.4J)	20071115UAW05-20V15.38N	130	JB	620U
A7K170102	20071116CINTB-1	Acetone (2.4J)	20071115UAW06-20V17N	11	JB	50U
A7K170102	20071116CINTB-1	Acetone (2.4J)	20071115UAW20-60V53N	120	JB	670U
A7K170102	20071116CINTB-1	Acetone (2.4J)	20071115UAW07-20V14N	44	JB	200U
A7K170102	20071116CINTB-1	Acetone (2.4J)	20071116UAW18-20V15N	1.3	J	10U
A7K170102	20071116CINTB-1	Acetone (2.4J)	20071116UAW13-20V13N	130		U
A7K200111	20071119CINTB-1	Acetone (2.5J)	20071119UAW16-10V12N	2.1	J	14U

G. Field QC Blanks (Equipment Rinsate Blanks and Field Blanks)

As part of the November 2007 sampling event, two equipment rinsate blanks (equipment blanks) and two field blanks were submitted for analysis of VOCs. Sample concentrations less than five times (or ten times for acetone, methylene chloride, and 2-butanone) (times dilution factor) the blank amount were qualified as undetected ("U") based on associated method blank contamination and should be considered to be potential "false-positive" results. Evaluation results are as shown below.

- In Sample Group A7K100138 and SDG 7K17102, equipment blank samples 20071107CINEB-1 and 20071115CINEB-2, respectively, were analyzed for VOC analytes, which were reported as 'not detected" with the exception of Acetone, 2-

Butanone (in both equipment blanks), and Carbon Disulfide (in EB-1 only). Both field blank samples contained detectable, and similar, levels of the same three VOCs; therefore, all site samples were qualified based on the equipment blank results. Evaluation results are shown below.

- In Sample Group A7K100138 and SDG 7K17102, field blank samples 20071107CINFB-1 and 20071115CINFB-2, respectively, were analyzed for VOC analytes, which were reported as 'not detected" with the exceptions of Acetone (3.9 ug/L and 7.8 ug/L, respectively) and 2-Butanone (1.7 ug/L and 2.0 ug/L, respectively). Acetone and 2-Butanone results in site samples were qualified based on equipment blank contamination (of similar concentrations); therefore, qualifications based on field blank contamination are not listed below.

Sample Group	Field QC Blank ID	Analyte (Conc. ug/L)	Affected Samples	Sample Conc.	Lab Flag	Data Qual.
A7K100138	20071107CINEB-1	Acetone (3.0J)	20071107UAW08-20V17.04N	130	J	170U
A7K100138	20071107CINEB-1	2-Butanone (1.5J)	20071107UAW08-20V17.04N	22	J	170U
A7K100138	20071107CINEB-1	Acetone (3.0J)	20071107UAW08-20V17.04N	130	J	170U
A7K100138	20071107CINEB-1	2-Butanone (1.5J)	20071107UAW08-20V17.04N	22	J	170U
A7K100138	20071107CINEB-1	Carbon disulfide (1.5)	20071107UAW08-20V17.04N	22		U
A7K150214	20071107CINEB-1	Acetone (3.0J)	20071113UAW03-20V16N	3.3	JB	10U
A7K170102	20071115CINEB-2	Acetone (7.4)	20071115UAW05-20V15.38N	130	JB	620U
A7K170102	20071115CINEB-2	Acetone (7.4)	20071115UAW06-20V17N	11	JB	50U
A7K170102	20071115CINEB-2	2-Butanone (2.0)	20071115UAW05-20V15.38N	84	JB	620U
A7K170102	20071115CINEB-2	2-Butanone (2.0)	20071115UAW06-20V17N	5.9	JB	50U
A7K170102	20071115CINEB-2	Acetone (7.4)	20071115UAW20-60V53N	120	JB	670U
A7K170102	20071115CINEB-2	2-Butanone (2.0)	20071115UAW20-60V53N	110	JB	670U
A7K170102	20071115CINEB-2	2-Butanone (2.0)	20071116UAW18-20V15N	0.68	JB	10U
A7K170102	20071115CINEB-2	Acetone (7.4)	20071116UAW22-20V18N	560		U
A7K170102	20071115CINEB-2	2-Butanone (2.0)	20071116UAW22-20V18N	13	J	120U
A7K170102	20071115CINEB-2	Acetone (7.4)	20071115UAW07-20V14N	44	JB	200U
A7K170102	20071115CINEB-2	2-Butanone (2.0)	20071115UAW07-20V14N	27	JB	200U
A7K170102	20071115CINEB-2	Acetone (7.4)	20071116UAW18-20V15N	1.3	JB	10U
A7K170102	20071115CINEB-2	2-Butanone (2.0)	20071116UAW12-20V14N	57	JB	670U
A7K170102	20071115CINEB-2	Acetone	20071116UAW13-20V13N	130		U
A7K170102	20071115CINEB-2	2-Butanone (2.0)	20071116UAW13-20V13N	29	JB	120U
A7K200111	20071115CINEB-2	2-Butanone (2.0)	20071119UAW15-50V44N	1.0	JB	10U
A7K200111	20071115CINEB-2	Acetone	20071119UAW16-10V12N	2.1	J	14U
A7K200111	20071115CINEB-2	2-Butanone (2.0)	20071119UAW16-10V12N	0.91	JB	14U

H. Field Duplicate Samples

As part of the November 2007 sampling effort, two field duplicate sample pairs were collected and analyzed for VOCs: 20071112UAW10-50V53.70N (20071112UAW10-50V53.70FD) and 20071115UAW09-60V52N (20071115UAW09-60V52FD). Relative percent difference (RPD) values were calculated as shown below. No sample results were qualified based on field duplicate results.

RPD values are reported in the attached table only for those constituents that were detected in both samples at a concentration greater than two times the reporting limit (2xRL); otherwise, the RPD is not applicable (N/A).

Sample ID	Constituent	Sample Result (ug/L)	FD Result (ug/L)	%RPD	Qual
20071112UAW10-50V53.70N	Chloroform	35	34	2.9	None
	1,1-Dichloroethane	2.6	2.6	0.0	
	1,2-Dichloroethane	4.7	4.6	2.2	
	Cis-1,2-Dichloroethene	22	22	0.0	
	Tetrachloroethene	4.9	4.6	6.3	
	1,1,1-Trichloroethane	4.2	4.1	2.4	
	Trichloroethene	2.2	2.1	4.7	
20071115UAW09-60V52N	ALL ND	n/a	n/a	n/a	None

For aqueous samples, RPDs exceeding 30% for constituents detected in both samples at greater than two times the reporting limit (2xRL), should be qualified as estimated, "J", in associated samples (unless the data reviewer can use professional judgment to justify why associated sample data should not be qualified). No sample results were qualified based on field duplicate RPD values.

I. Calibration Range Exceedances

No sample results exceeded the calibration range for VOC analyses in Sample Group A7K100138 and SDGs 7K150214 and 7K17102.

J. Sample Dilution Analyses and Reporting Limits

In Sample Group A7K100138, sample 20071107UAW08-20V17.04N was analyzed at a 10X dilution.

In SDG 7K150214, samples 20071112UAW10-80V72N and 20071114UAW19-80V65N were analyzed at a 1.43X dilution.

In SDG 7K17102, samples 20071115UAW05-20V15.38N, 20071115UAW20-60V53N, 20071115UAW07-20V14N, 20071116UAW22-20V18N, 20071116UAW12-20V14N, 20071116UAW13-20V13N, 20071119MW-EPA-1V15N, 20071119MW-EPA-2V19N, 20071119UAW16-10V12N were analyzed at dilution (62.5X, 66.67X, 20X, 12.5X, 66.67X, 12.5X, 250X, 5X, 1.43X, respectively).

Laboratory did not report reason for dilution analyses; only one set of data was reported for each sample. Sample reporting limits were adjusted accordingly.

Semivolatile Organic Compounds (SVOCs) by METHOD SW8270C

A. Holding Times

Maximum holding time for extraction of SVOCs is 7 days from sample collection and for analysis, 40 days after extraction in water samples cooled to 4°C. Samples were extracted and analyzed for SVOCs within the holding times specified by the method. Evaluation results are shown below.

- In Sample Group A7K100138 and SDGs 7K150214 and 7K17102, all samples were prepared and analyzed for SVOCs within the holding times outlined by the specific method. Temperature of sample coolers upon receipt by laboratory was 0.0°C to 3.8°C. No sample results were qualified based on holding times.

B. Laboratory Method Blank

Target SVOCs were analyzed in a laboratory method blank with each analysis QC batch. Sample concentrations less than five times the blank amount (times dilution factor) were qualified as undetected ("U") based on associated method blank contamination and should be considered to be potential "false-positive" results. Evaluation results are shown below.

- In Sample Group A7K100138, one method blank was analyzed for each QC batch. Analytes were reported as "not detected, with the exceptions shown below.
- In SDGs 7K150214 and 7K17102, one method blank was analyzed, one for each QC batch. Analytes were reported as "not detected, with the exceptions shown below.

Sample Group/ Prep batch	Method Blank ID	Analyte (Conc.)	Affected Samples	Conc. (ug/L)	Lab Flag	Data Qual.
A7K100138/ 7316037	A7K120000 -037	Bis(2-Ethylhexyl) phthalate (0.89)	20071106UAW21-80V70N	1.3	JB	10U
7K150214/ 7325363	A7K210000 -363	Di-n-Butyl phthalate (0.80)	20071114UAW26-70V73N	0.88	JB	10U
7K17102/ 7323037	A7K190000 -037	Bis(2-Ethylhexyl) phthalate (1.0)	20071115UAW09-60V52N	1.3	JB	10U
7K17102/ 7323037	A7K190000 -037	Bis(2-Ethylhexyl) phthalate (1.0)	20071115UAW09-20V24N	1.4	JB	10U
7K17102/ 7323037	A7K190000 -037	Bis(2-Ethylhexyl) phthalate (1.0)	20071115CINFB-2	1.1	JB	10U
7K17102/ 7323037	A7K190000 -037	Bis(2-Ethylhexyl) phthalate (1.0)	20071115CINEB-2	1.8	JB	10U
7K17102/ 7323037	A7K190000 -037	Bis(2-Ethylhexyl) phthalate (1.0)	20071115UAW20-60V53N	1.6	JB	10U
7K17102/ 7323037	A7K190000 -037	Bis(2-Ethylhexyl) phthalate (1.0)	20071116UAW11-40V38N	1.6	JB	10U
7K17102/ 7323037	A7K190000 -037	Bis(2-Ethylhexyl) phthalate (1.0)	20071116UAW18-20V15N	1.5	JB	10U
7K17102/ 7323037	A7K190000 -037	Bis(2-Ethylhexyl) phthalate (1.0)	20071116UAW22-20V18N	1.3	JB	10U

Table Cont'd						
Sample Group/ Prep batch	Method Blank ID	Analyte (Conc.)	Affected Samples	Conc. (ug/L)	Lab Flag	Data Qual.
7K17102/ 7323037	A7K190000 -037	Bis(2-Ethylhexyl) phthalate (1.0)	20071116UAW11-10V12N	1.8	JB	10U
7K17102/ 7325047	A7K210000 -047	Bis(2-Ethylhexyl) phthalate (0.97)	20071119MW-EPA-2V19N	2.3	JB	10U
7K17102/ 7325047	A7K210000 -047	Bis(2-Ethylhexyl) phthalate (0.97)	20071119UAW16-10V12N	1.2	JB	10U

C. Surrogate Spikes

Surrogate compounds were spiked into each sample analyzed for SVOCs. For Sample Group A7K100138 and SDGs 7K150214 and 7K171012, surrogate recoveries were within QC acceptance limits for all samples with the exception of seven site groundwater samples. Evaluation results are as shown below.

- In A7K100138 and SDG 7K17102, surrogate recoveries were calculated and were acceptable with the exceptions of those shown below. Samples 20071115UAW05-20V15.38N, 20071115UAW06-20V17N, 20071115UAW07-20V14N, 20071116UAW22-20V18N, 20071116UAW11-10V12N, 20071119UAW15-50V44N and 20071107UAW08-20V17.40N were analyzed at dilution; sample results from dilution analysis are not qualified based on non-compliant surrogate recovery.

SDG/Lot#	QC batch	Sample ID	Surrogate (%R)	Fraction	Qual	Use Results ?
7K17102/ A7K170102	7323037	20071115UAW05-20V15.38N	Nitrobenzene-d5 (155)	Base-Neutral	None	Yes
7K17102/ A7K170102	7323037	20071115UAW06-20V17N	Nitrobenzene-d5 (0.0)	Base-Neutral	None	Yes
7K17102/ A7K170102	7323037	20071115UAW07-20V14N	Nitrobenzene-d5 (0.0)	Base-Neutral	None	Yes
7K17102/ A7K170102	7323037	20071116UAW22-20V18N	Nitrobenzene-d5 (115)	Base-Neutral	None	Yes
7K17102/ A7K170102	7323037	20071116UAW11-10V12N	Nitrobenzene-d5 (267)	Base-Neutral	None	Yes
7K17102/ A7K200111	7325047	20071119UAW15-50V44N	Nitrobenzene-d5 (144)	Base-Neutral	None	Yes
A7K100138	7316037	20071107UAW08-20V17.40N	Nitrobenzene-d5 (0.0)	Base-Neutral	None	Yes

D. Laboratory Control Samples (LCS) and Laboratory Control Sample Duplicates (LCSD)

Laboratory Control Sample results were reported with the analysis of samples for VOCs. Ranges of LCS percent recovery (%R) and advisory limits for LCS percent recovery, as well as those for LCS/LCSD pair relative percent difference (RPD) are detailed in the

TestAmerica Report. An LCS/LCSD pair was analyzed with each of the preparation batches where MS/MSD analyses were not. Evaluation results are shown below.

- In Sample Group A7K1001138 and SDG 7K150214, all LCS %R, LCSD %R, and LCS/LCSD RPD values for each of the LCS or LCS/LCSD analyses were within the advisory QC limits. No qualification of data is necessary based on LCS results.
- In SDG 7K17214, LCS %R, LCSD %R, and LCS/LCSD RPD values were within the advisory QC limits, with the exception shown below.

Sample Group/ QC Batch	LCS ID	Analyte	LCS/ LCSD %R	QC Limit	Affected Samples (Conc. ug/L)	Val Flag
7K17102/ 7323037	A7K190000-037	4-Chloro-3-methylphenol	115/108	39-110	20071115CINFB-2 (0.81) 20071115CINEB-2 (0.64)	J

E. Matrix Spike and Matrix Spike Duplicates (MS and MSD)

Matrix Spike and Matrix Spike Duplicate recovery and RPD precision values were reported with the analysis of the samples for SVOCs. Evaluation results are as shown below.

- In Sample Group A7K100138, sample 20071108UAW25-20V18.5N was utilized for MS/MSD analysis. MS/MSD percent recoveries and relative percent difference (RPD) values were within advisory QC limits.
- In SDG 7K150214, sample 20071114MW-EPA-3V15N was utilized for MS/MSD analysis. MS/MSD percent recoveries and relative percent difference (RPD) values were within advisory QC limits.
- In SDG 7K17102, a project sample was not utilized for MS/MSD analyses.

F. Trip Blanks

Trip blanks were not collected (are not required) for SVOC analysis.

G. Field QC Blanks (Equipment Rinsate Blanks and Field Blanks)

As part of the November 2007 sampling event, two equipment rinsate blanks (equipment blank) and two field blanks were submitted for analysis of SVOCs. Sample concentrations less than five times the blank amount were qualified as undetected ("U") based on associated method blank contamination and should be considered to be potential "false-positive" results.

- In Sample Group A7K100138, field blank sample 20071107CINFB-1 SVOC analytes were reported as non-detect with the exceptions shown below.
- In Sample Group A7K100138, equipment blank sample 20071107CINEB-1 SVOC analytes were reported as non-detect with the exceptions shown below.
- In SDG 7K17102, field blank sample 20071115CINFB-2 SVOC analytes were reported as non-detect with the exceptions shown below.

- In SDG 7K17102, equipment blank sample 20071115CINEB-2 SVOC analytes were reported as non-detect with the exceptions shown below.

Field QC Blank ID	Analyte (Conc. ug/L)	Affected Samples	Sample Conc.	Lab Qual	Data Qual.
20071107CINFB-1	Bis(2-Ethylhexyl)phthalate (1.0)	20071106UAW21-80V70N	1.3	JB	10U
20071107CINFB-1	Bis(2-Ethylhexyl)phthalate (1.0)	20071112UAW10-80V72N	1.4	J	10U
20071107CINFB-1	Bis(2-Ethylhexyl)phthalate (1.0)	20071112UAW10-50V53.70N	2.5	J	10U
20071107CINFB-1	Bis(2-Ethylhexyl)phthalate (1.0)	20071112UAW10-50V53.70FD	2.1	J	10U
20071107CINFB-1	Bis(2-Ethylhexyl)phthalate (1.0)	20071113UAW03-20V16N	2.5	J	10U
20071107CINFB-1	Bis(2-Ethylhexyl)phthalate (1.0)	20071113UAW27-50V47N	1.3	J	10U
20071107CINFB-1	Bis(2-Ethylhexyl)phthalate (1.0)	20071113UAW23-20V23.50N	3.3	J	10U
20071107CINFB-1	Bis(2-Ethylhexyl)phthalate (1.0)	20071114MW-EPA-3V15N	2.4	J	10U
20071107CINFB-1	Bis(2-Ethylhexyl)phthalate (1.0)	20071114UAW19-80V65N	1.3	J	10U
20071115CINFB-2	Phenol (1.0)	20071115UAW20-60V53N	1.0	J	10U
20071115CINEB-2	Bis(2-Ethylhexyl) phthalate (1.8)	20071115UAW09-60V52N	1.3	JB	10U
20071115CINEB-2	Bis(2-Ethylhexyl) phthalate (1.8)	20071115UAW09-20V24N	1.4	JB	10U
20071115CINEB-2	Bis(2-Ethylhexyl) phthalate (1.8)	20071115UAW20-60V53N	1.6	JB	10U
20071115CINEB-2	Bis(2-Ethylhexyl) phthalate (1.8)	20071116UAW18-20V15N	1.5	JB	10U
20071115CINEB-2	Bis(2-Ethylhexyl) phthalate (1.8)	20071116UAW22-20V18N	1.3	JB	10U
20071115CINEB-2	Bis(2-Ethylhexyl) phthalate (1.8)	20071116UAW11-10V12N	1.8	JB	10U
20071115CINEB-2	Bis(2-Ethylhexyl) phthalate (1.8)	20071119MW-EPA-2V19N	2.3	JB	10U
20071115CINEB-2	Bis(2-Ethylhexyl) phthalate (1.8)	20071119UAW16-10V12N	1.2	JB	10U

H. Field Duplicate Samples

As part of the November 2007 sampling effort, two field sample pairs were collected and analyzed for SVOCs: 20071112UAW10-50V53.70N (20071112UAW10-50V53.70FD) and 20071115UAW09-60V52N (20071115UAW09-60V52FD). No analytes were reported in both samples of the parent/field duplicate sample pairs at concentrations above the reporting limit. RPD values are reported only for those constituents that were detected in both samples at a concentration greater than two times the reporting limit (2XRL); otherwise, the RPD is not applicable (N/A). No sample results were qualified based on field duplicate results.

I. Sample Dilution Analyses and Reporting Limits

In Sample Group A7K100138, sample 20071107UAW08-20V17.04N was analyzed at 200x dilution; only one set of data was reported. Sample reporting limits were adjusted accordingly.

In SDG 7K17102, the laboratory reported that the following samples had elevated reporting limits due to elevated matrix interferences; these samples were analyzed at dilution: 20071115UAW05-20V15.38N, 2007111UA06-20V17N, 2007115UAW07-20V14N, 20071116UAW12-20V14N, 20071116UAW13-20V13N, 20071119UAW15-50V44N, and 20071119MW-EPA-1V15N. Only one set of data was reported. Sample reporting limits were adjusted accordingly.

J. Calibration Range Exceedances

For Sample Group A7K100138 and for SDGs 7K150214 and 7K17102, no sample results for SVOC analyses exceeded the calibration range.

K. Sample Analyte Identification and Quantitation

In SDG 7K17102, the laboratory reported that the value reported for 4-Methylphenol represents a probable combination of the concentration of 3-Methylphenol and 4-Methylphenol in samples 20071116UAW22-20V18N (1.2J ug/L) and 20071116UAW11-10V12N (1.6J ug/L); reported results for these samples were reported with a "#" lab flag and have been qualified as estimated ("J").

L. Internal Standard Recovery

The laboratory reported that the internal standard recoveries for Acenaphthene-d10, Phenanthrene-d10, Chrysene-d12, and Perylene-d12 were less than the lower QC acceptance limit for sample 20071115UAW05-20V15.38N. All SVOC results in this sample have been qualified as estimated (J/UJ).

Metals by Methods SW6010B and Mercury by SW9470A

A. Holding Times

Maximum holding time for analysis of metals in water samples cooled to 4°C and preserved to a pH of ≤2 with HNO_3 is 6 months from sample collection. Evaluation results are shown below.

- All samples were preserved to pH of ≤2, with cooler temperatures in the range of 0.8°C to 4.0°C as verified from TestAmerica Cooler Receipt Forms. No sample results were qualified based on holding times.

B. Laboratory Method Blank

Target metals were analyzed in a laboratory method blank with each analysis QC batch. Sample concentrations less than 5x the blank amount were qualified as undetected ("U") based on associated method blank contamination and should be considered to be potential "false-positive" results. Evaluation results are as shown below.

- In Sample Group A7K100138 and SDGs 7K150214 and 7K17102 one method blank was analyzed for each QC batch. Analytes were reported as "not detected", with the exceptions shown below.

SDG	QC Batch	Method Blank ID	Analyte (Conc. ug/L)	Affected Samples	Conc. (ug/L)	Lab Flag	Data Qual.
A7K100138	7316018	A7K120000-018	Tin (8.6)	20071107UAW24-70V65N	27.9	BJ	100U
A7K100138	7316018	A7K120000-018	Tin (8.6)	20071107UAW14-10V13N	4.5	BJ	100U
A7K100138	7316018	A7K120000-018	Tin (8.6)	20071108UAW01-30V29N	24.1	BJ	100U
A7K100138	7316018	A7K120000-018	Tin (8.6)	20071108UAW02-20V15N	20.7	BJ	100U
A7K100138	7316018	A7K120000-018	Tin (8.6)	20071107CINEB-1	9.4	BJ	100U
A7K100138	7316018	A7K120000-018	Manganese (1.1)	20071106UAW21-80V70N	1.9	BJ	15U
A7K100138	7316018	A7K120000-018	Manganese (1.1)	20071107UAW24-70V65N	0.69	BJ	15U
A7K100138	7316018	A7K120000-018	Potassium (206)	20071107CINFB-1	151	BJ	5000U
A7K100138	7316018	A7K120000-018	Potassium (206)	20071107CINEB-1	152	BJ	5000U
A7K100138	7316018	A7K120000-018	Zinc (7.1)	20071106UAW21-80V70N	8.0	BJ	20U
A7K100138	7316018	A7K120000-018	Zinc (7.1)	20071107UAW14-10V13N	5.0	BJ	20U
A7K100138	7316018	A7K120000-018	Zinc (7.1)	20071109UAW02-20V15N	8.4	BJ	20U
A7K100138	7316018	A7K120000-018	Cobalt (2.6)	20071106UAW21-30V27.82N	11.5	J	U
A7K100138	7316018	A7K120000-018	Cobalt (2.6)	20071108UAW01-30V29N	1.7	J	7U

Table Cont'd							
SDG	QC Batch	Method Blank ID	Analyte (Conc. ug/L)	Affected Samples	Conc. (ug/L)	Lab Flag	Data Qual.
A7K100138	7316018	A7K120000-018	Vanadium (3.9)	20071107UAW08-20V17.04N	7.3	J	U
7K150214	7320026	A7K160000-026	Arsenic (6.1)	20071112UAW10-80V72N	17.3	J	U
7K150214	7320026	A7K160000-026	Arsenic (6.1)	20071112UAW10-50V53.70N	6.8	BJ	10U
7K150214	7320026	A7K160000-026	Arsenic (6.1)	20071112UAW10-50V53.70FD	7.3	BJ	10U
7K150214	7320026	A7K160000-026	Arsenic (6.1)	20071113UAW03-20V16N	8.5	BJ	10U
7K150214	7320026	A7K160000-026	Arsenic (6.1)	20071113UAW27-50V47N	4.5	BJ	10U
7K150214	7320026	A7K160000-026	Arsenic (6.1)	20071114MW-EPA-3V15N	4.5	BJ	10U
7K150214	7320026	A7K160000-026	Arsenic (6.1)	20071114UAW19-80V65N	4.9	BJ	10U
7K150214	7320026	A7K160000-026	Arsenic (6.1)	20071114UAW26-70V73N	8.6	BJ	10U
7K17102	7325025	A7K210000-025	Antimony (3.3)	20071115UAW20-60V53N	4.4	B	10U
7K17102	7325025	A7K210000-025	Antimony (3.3)	20071116UAW22-20V18N	6.6	B	10U
7K17102	7325025	A7K210000-025	Antimony (3.3)	20071119UAW15-50V44N	7.0	B	1C
7K17102	7325025	A7K210000-025	Antimony (3.3)	20071119MW-EPA-1V15N	2.1	B	10U
7K17102	7325025	A7K210000-025	Antimony (3.3)	20071119MW-EPA-2V19N	4.2	B	10U
7K17102	7325025	A7K210000-025	Antimony (3.3)	20071119UAW16-10V12N	1.9	B	10U

C. Laboratory Control Standards (LCS)

Laboratory Control Standards were reported with the analysis of samples for metals. Ranges of LCS percent recovery and advisory limits for LCS percent recovery are detailed in the TestAmerica Report. Evaluation results are shown below.

- In Sample Group A7K100138 and SDGs 7K150214 and 7K17102, LCS percent recovery values for each analyte in each of the LCSs were within advisory control limits. No sample results were qualified based on LCS recoveries.

D. Matrix Spike and Matrix Spike Duplicates (MS and MSD)

Matrix Spike and Matrix Spike Duplicate values were reported with the analysis of the samples for metals. Evaluation results are shown below.

- In Sample Group A7K100138, sample 20072208UAW25-20V18.5N, MS and MSD recoveries met QC acceptance criteria. No sample results were qualified based on MS/MSD results.

- In SDG 7K150214, sample 20071114MW-EPA-3V15N, MS and MSD recoveries met QC acceptance criteria, with the exception of Aluminum (151/146%R). Non-detect sample results are not required to be qualified based on a non-compliant MS %R value exhibiting a high bias (high %R).
- In SDG 7K17102, sample 20071115UAW09-60V52N, MS and MSD recoveries met QC acceptance criteria.

Sample Group	Sample ID	Analyte	MS/MSD %R	QC Limit	Val Flag
7K150214	20071114MW-EPA-3V15N	Aluminum	151/146	75-125	None, ND

E. Trip Blanks

Trip blanks were not collected (are not required) for metals analysis.

F. Field QC Blanks (Equipment Rinsate Blanks and Field Blanks)

As part of the November 2007 sampling event, two equipment rinsate blanks (equipment blanks) and two field blanks were submitted for analysis of metals. Sample concentrations less than 5x the blank amount were qualified as undetected ("U") based on associated method blank contamination and should be considered to be potential "false-positive" results. Evaluation results are as shown below.

- In Sample Group A7K100138, in equipment blank sample 20071107CINEB-1 analytes were reported as 'not detected" with the exceptions shown below.
- In Sample Group A7K100138, in field blank sample 20071107CINFB-1 analytes were reported as 'not detected" with the exceptions shown below.
- In SDG 7K17102, in equipment blank sample 20071115CINEB-2 analytes were reported as 'not detected" with the exceptions shown below.
- In SDG 7K17102, in field blank sample 20071115CINFB-2 analytes were reported as 'not detected" with the exceptions shown below.

Sample Group/ QC Batch	Field QC Blank ID	Analyte (Conc. ug/L)	Affected Samples	Sample Conc.	Lab Flag	Data Qual.
A7K100138/ 7316018	20071107CINEB-1	Tin (9.4)	20071107UAW24-70V65N	27.9	BJ	100U
A7K100138/ 7316018	20071107CINEB-1	Tin (9.4)	20071107UAW14-10V13N	4.5	BJ	100U
A7K100138/ 7316018	20071107CINEB-1	Tin (9.4)	20071108UAW01-30V29N	24.1	BJ	100U
A7K100138/ 7316018	20071107CINEB-1	Tin (9.4)	20071108UAW02-20V15N	20.7	BJ	100U
7K17102/ 7323181	20071115CINEB-2	Antimony (2.4)	20071115UAW20-60V53N	4.4	B	10U
7K17102/ 7323181	20071115CINEB-2	Antimony (2.4)	20071116UAW22-20V18N	6.6	B	10U

Table Cont'd						
Sample Group/ QC Batch	Field QC Blank ID	Analyte (Conc. ug/L)	Affected Samples	Sample Conc.	Lab Flag	Data Qual.
7K17102/ 7323181	20071115CINEB-2	Antimony (2.4)	20071119UAW15-50V44N	7.0	B	10U
7K17102/ 7323181	20071115CINEB-2	Antimony (2.4)	20071119MW-EPA-1V15N	2.1	B	10U
7K17102/ 7323181	20071115CINEB-2	Antimony (2.4)	20071119MW-EPA-2V19N	4.2	B	10U
7K17102/ 7323181	20071115CINEB-2	Antimony (2.4)	20071119UAW16-10V12N	1.9	B	10U

G. Field Duplicate Samples

As part of the November 2007 sampling effort, two field duplicate sample pairs were collected and analyzed for VOCs: 20071112UAW10-50V53.70N (20071112UAW10-50V53.70FD) and 20071115UAW09-60V52N (20071115UAW09-60V52FD). Relative percent difference (RPD) values were calculated as shown below.

$$RPD = \left[\frac{V1 - V2}{[V1 + V2]/2} \right] x100$$

RPD values are reported in the attached table only for those constituents that were detected in both samples at a concentration greater than two times the reporting limit (2xRL); otherwise, the RPD is not applicable (N/A).

Sample ID	Constituent	Sample Result (ug/L)	Duplicate Result (ug/L)	%RPD	Qual.
20071112UAW10-50V53.70N	Aluminum	112	1270	167	J
20071112UAW10-50V53.70N	Calcium	105000	139000	28	None
20071112UAW10-50V53.70N	Iron	574	1190	70	J
20071112UAW10-50V53.70N	Magnesium	31200	36400	15	None
20071112UAW10-50V53.70N	Manganese	373	57.3	73	J
20071112UAW10-50V53.70N	Potassium	13400	4770	95	J
20071112UAW10-50V53.70N	Sodium	73200	30800	82	J
20071115UAW09-60V52N	Calcium	107000	108000	1	None
20071115UAW09-60V52N	Magnesium	36200	36600	1.1	None
20071115UAW09-60V52N	Manganese	143	151	5.4	None
20071115UAW09-60V52N	Sodium	14800	15100	2.0	None

For aqueous samples, RPDs exceeding 30% for constituents detected in both samples at greater than two times the reporting limit (2xRL) should be qualified as estimated, "J", in associated samples (unless the data reviewer can use professional judgment to justify why associated sample data should not be qualified). Based on this criterion, since sample/field duplicate RPD results were not non-compliant in each of the two field duplicate pairs, only the field duplicate pair was qualified.

H. Sample Analyte Identification and Quantitation

In SDG 7K17102, laboratory reported that the value reported for Potassium in sample 20071116UAW13-20V13N is reported with an "E" data flag to denote "matrix interference"; sample result has been qualified as estimated ("J").

TABLE 1

SUMMARY OF SAMPLE ANALYSES AND DATA REVIEW PERFORMED
ROHM AND HAAS – CINCINNATI FACILITY

SAMPLE ID	SAMPLE DATE	SAMPLE MATRIX	SAMPLE TYPE	Lab SDG	LAB ID	SW8260B VOCs	SW8270C SVOCs	SW6010B METALS	SW7470A MERCURY	DATA USABLE(2)
20071106UAW21-30V27.82N	11/06/07	GW	N	A7K100138	A7K100138-001	X	X	X	X	Yes
20071106UAW21-80V70N	11/06/07	GW	N	A7K100138	A7K100138-002	X	X	X	X	Yes
20071107UAW24-70V65N	11/07/07	GW	N	A7K100138	A7K100138-003	X	X	X	X	Yes
20071107CINFB-1	11/07/07	AQ	FB	A7K100138	A7K100138-004	X	X	X	X	Yes
20071107UAW08-20V17.04N	11/07/07	GW	N	A7K100138	A7K100138-005	X	X	X	X	Yes
20071107CINEB-1	11/07/07	AQ	EB	A7K100138	A7K100138-006	X	x	X	X	Yes
20071107UAW14-10V13N	11/07/07	GW	N	A7K100138	A7K100138-007	X	X	X	X	Yes
20071108UAW01-30V29N	11/08/07	GW	N	A7K100138	A7K100138-008	X	X	X	X	Yes
20071108UAW01-80V74N	11/08/07	GW	N	A7K100138	A7K100138-009	X	X	X	X	Yes
20071108UAW25-20V18.5N	11/08/07	GW	N	A7K100138	A7K100138-010	X	X	X	X	Yes
20071109UAW02-40V38N	11/09/07	GW	N	A7K100138	A7K100138-011	X	X	X	X	Yes
20071109UAW02-20V15N	11/09/07	GW	N	A7K100138	A7K100138-012	X	X	X	X	Yes
20071109CINTB-1	11/09/07	AQ	TB	A7K100138	A7K100138-013	X	-	-	-	Yes
20071109CINTB-2	11/09/07	AQ	TB	A7K100138	A7K100138-014	X	-	-	-	Yes
20071112UAW10-80V72N	11/12/07	GW	N	7K150214	A7K150214-001	X	X	X	X	Yes
20071112UAW10-50V53.70N	11/12/07	GW	N	7K150214	A7K150214-002	X	X	X	X	Yes
20071112UAW10-50V53.70FD	11/12/07	GW	FD	7K150214	A7K150214-003	X	X	X	X	Yes
20071113UAW03-20V16N	11/13/07	GW	N	7K150214	A7K150214-004	X	X	X	X	Yes
20071113UAW27-50V47N	11/13/07	GW	N	7K150214	A7K150214-005	X	X	X	X	Yes
20071113UAW23-20V23.50N	11/13/07	GW	N	7K150214	A7K150214-006	X	X	X	X	Yes
20071114MW-EPA-3V15N	11/14/07	GW	N	7K150214	A7K150214-007	X	X	X	X	Yes
20071114UAW19-80V65N	11/14/07	GW	N	7K150214	A7K150214-008	X	X	X	X	Yes
20071114CIN-TB-1	11/14/07	AQ	TB	7K150214	A7K150214-009	X	X	X	X	Yes
20071114UAW26-70V73N	11/14/07	GW	N	7K150214	A7K150214-010	X	X	X	X	Yes
20071114MW-EPA-4V18N	11/14/07	GW	N	7K150214	A7K150214-011	X	X	X	X	Yes
20071115UAW09-60V52N	11/15/07	GW	N	7K17102	A7K170102-001	X	X	X	X	Yes
20071115UAW09-60V52FD	11/15/07	GW	FD	7K17102	A7K170102-002	X	X	X	X	Yes
20071115UAW09-20V24N	11/15/07	GW	N	7K17102	A7K170102-003	X	X	X	X	Yes

TABLE 1 (Cont'd)

SAMPLE ID	SAMPLE DATE	SAMPLE MATRIX	SAMPLE TYPE	Lab SDG	LAB ID	SW8260B VOCs	SW8270C SVOCs	SW6010B METALS	SW7470A MERCURY	DATA USABLE[1]
20071115UAW05-20V15.38N	11/15/07	GW	N	7K17102	A7K170102-004	X	X	X	X	Yes
20071115UAW06-20V17N	11/15/07	GW	N	7K17102	A7K170102-005	X	X	X	X	Yes
20071115CINFB-2	11/15/07	AQ	FB	7K17102	A7K170102-006	X	X	X	X	Yes
20071115CINEB-2	11/15/07	AQ	EB	7K17102	A7K170102-007	X	X	X	X	Yes
20071115UAW20-60V53N	11/15/07	GW	N	7K17102	A7K170102-008	X	X	X	X	Yes
20071115UAW07-20V14N	11/15/07	GW	N	7K17102	A7K170102-009	X	X	X	X	Yes
20071116UAW11-40V38N	11/16/07	GW	N	7K17102	A7K170102-010	X	X	X	X	Yes
20071116UAW18-20V15N	11/16/07	GW	N	7K17102	A7K170102-011	X	X	X	X	Yes
20071116UAW22-20V18N	11/16/07	GW	N	7K17102	A7K170102-012	X	X	X	X	Yes
20071116UAW11-10V12N	11/16/07	GW	N	7K17102	A7K170102-013	X	X	X	X	Yes
20071116UAW12-20V14N	11/16/07	GW	N	7K17102	A7K170102-014	X	X	X	X	Yes
20071116CINTB-1	11/16/07	AQ	TB	7K17102	A7K170102-015	X	-	-	-	Yes
20071116UAW13-20V13N	11/16/07	GW	N	7K17102	A7K170102-016	X	X	X	X	Yes
20071119UAW15-20V14N	11/19/07	GW	N	7K17102	A7K200111-001	X	X	X	X	Yes
20071119UAW15-50V44N	11/19/07	GW	N	7K17102	A7K200111-002	X	X	X	X	Yes
20071119MW-EPA-1V15N	11/19/07	GW	N	7K17102	A7K200111-003	X	X	X	X	Yes
20071119MW-EPA-2V19N	11/19/07	GW	N	7K17102	A7K200111-004	X	X	X	X	Yes
20071119UAW16-10V12N	11/19/07	GW	N	7K17102	A7K200111-005	X	X	X	X	Yes
20071119UAW17-40V30N	11/19/07	GW	N	7K17102	A7K200111-006	X	X	X	X	Yes
20071119CINTB-1	11/19/07	AQ	TB	7K17102	A7K200111-007	X	-	-	-	Yes

[1] "YES"- Sample analysis considered valid and usable.
Sample Matrix: "GW" = ground water"; "AQ" = aqueous.
Sample Type: "N" = normal; "FD" = field duplicate; "TB" = trip blank; "EB" = equipment blank; "FB" = field blank.

TABLE 2 - SAMPLE QUALIFICATION SUMMARY

Sample ID	Lab Sample ID	Analyte	Conc. (ug/L)	Lab Flag	Qualifier	Reason
20071106UAW21-30V27.82N	A7K100138-001	Cobalt	11.5	J	U	Method blank
20071106UAW21-80V70N	A7K100138-002	Bis(2-Ethylhexyl) phthalate	1.3	JB	10U	Method blank, Field QC Blank
20071106UAW21-80V70N	A7K100138-002	Manganese	1.9	BJ	15U	Method blank
20071106UAW21-80V70N	A7K100138-002	Zinc	8.0	BJ	20U	Method blank
20071107CINEB-1	A7K100138-006	Potassium	152	BJ	5000U	Method blank
20071107CINEB-1	A7K100138-006	Tin	9.4	BJ	100U	Method blank
20071107CINFB-1	A7K100138-004	Potassium	151	BJ	5000U	Method blank
20071107UAW08-20V17.04N	A7K100138-005	2-Butanone	22	J	170U	Field QC blank
20071107UAW08-20V17.04N	A7K100138-005	Acetone	130	J	170U	Trip Blank, Field QC Blank
20071107UAW08-20V17.04N	A7K100138-005	Carbon disulfide	22		U	Field QC blank
20071107UAW08-20V17.04N	A7K100138-005	Methylene chloride	7.8	JB	17U	Method blank
20071107UAW08-20V17.04N	A7K100138-005	Vanadium	7.3	J	U	Method blank
20071107UAW14-10V13N	A7K100138-007	Tin	4.5	BJ	100U	Method blank, Field QC Blank
20071107UAW14-10V13N	A7K100138-007	Zinc	5.0	BJ	20U	Method blank
20071107UAW24-70V65N	A7K100138-003	Acetone	1.9	J	10U	Trip Blank
20071107UAW24-70V65N	A7K100138-003	Manganese	0.69	BJ	15U	Method blank
20071107UAW24-70V65N	A7K100138-003	Tin	27.9	BJ	100U	Method blank, Field QC Blank
20071108UAW01-30V29N	A7K100138-008	Cobalt	1.7	J	7U	Method blank
20071108UAW01-30V29N	A7K100138-008	Tin	24.1	BJ	100U	Method blank, Field QC Blank
20071108UAW02-20V15N	A7K100138-012	Tin	20.7	BJ	100U	Method blank, Field QC Blank
20071109UAW02-20V15N	A7K100138-012	Zinc	8.4	BJ	20U	Method blank
20071112UAW10-50V53.70FD	A7K150214-003	Arsenic	7.3	BJ	10U	Method blank
20071112UAW10-50V53.70FD	A7K150214-003	Bis(2-Ethylhexyl)phthalate	2.1	J	10U	Field QC blank
20071112UAW10-50V53.70N	A7K150214-002	Aluminum	112		J	Field duplicate RPD
20071112UAW10-50V53.70N	A7K150214-003	Aluminum	1270		J	Field duplicate RPD
20071112UAW10-50V53.70N	A7K150214-002	Arsenic	6.8	BJ	10U	Method blank
20071112UAW10-50V53.70N	A7K150214-002	Bis(2-Ethylhexyl)phthalate	2.5	J	10U	Field QC blank
20071112UAW10-50V53.70N	A7K150214-002	Iron	574		J	Field duplicate RPD
20071112UAW10-50V53.70FD	A7K150214-003	Iron	1190		J	Field duplicate RPD
20071112UAW10-50V53.70N	A7K150214-002	Manganese	373		J	Field duplicate RPD
20071112UAW10-50V53.70FD	A7K150214-003	Manganese	57.3		J	Field duplicate RPD
20071112UAW10-50V53.70N	A7K150214-002	Potassium	13400		J	Field duplicate RPD

TABLE 2 - SAMPLE QUALIFICATION SUMMARY

Sample ID	Lab Sample ID	Analyte	Conc. (ug/L)	Lab Flag	Qualifier	Reason
20071112UAW10-50V53.70FD	A7K150214-003	Potassium	4770		J	Field duplicate RPD
20071112UAW10-50V53.70N	A7K150214-002	Sodium	73200		J	Field duplicate RPD
20071112UAW10-50V53.70FD	A7K150214-003	Sodium	30800		J	Field duplicate RPD
20071112UAW10-80V72N	A7K150214-001	Arsenic	17.3	J	U	Method blank
20071112UAW10-80V72N	A7K150214-001	Bis(2-Ethylhexyl)phthalate	1.4	J	10U	Field QC blank
20071112UAW10-80V72N	A7K150214-001	Methylene chloride	0.54	JB	1.4U	Method blank
20071113UAW03-20V16N	A7K150214-004	2-Butanone	1.4	JB	10U	Method blank
20071113UAW03-20V16N	A7K150214-004	Acetone	3.3	JB	10U	Field QC blank
20071113UAW03-20V16N	A7K150214-004	Arsenic	8.5	BJ	10U	Method blank
20071113UAW03-20V16N	A7K150214-004	Bis(2-Ethylhexyl)phthalate	2.5	J	10U	Field QC blank
20071113UAW23-20V23.50N	A7K150214-006	Bis(2-Ethylhexyl)phthalate	3.3	J	10U	Field QC blank
20071113UAW27-50V47N	A7K150214-005	Arsenic	4.5	BJ	10U	Method blank
20071113UAW27-50V47N	A7K150214-005	Bis(2-Ethylhexyl)phthalate	1.3	J	10U	Field QC blank
20071114MW-EPA-3V15N	A7K150214-007	Arsenic	4.5	BJ	10U	Method blank
20071114MW-EPA-3V15N	A7K150214-007	Bis(2-Ethylhexyl)phthalate	2.4	J	10U	Field QC blank
20071114UAW19-80V65N	A7K150214-008	Arsenic	4.9	BJ	10U	Method blank
20071114UAW19-80V65N	A7K150214-008	Bis(2-Ethylhexyl)phthalate	1.3	J	10U	Field QC blank
20071114UAW19-80V65N	A7K150214-008	Methylene chloride	0.47	JB	1.4U	Method blank
20071114UAW26-70V73N	A7K150214-010	Arsenic	8.6	BJ	10U	Method blank
20071114UAW26-70V73N	A7K150214-010	Di-n-Butyl phthalate	0.88	JB	10U	Method blank
20071115CINEB-2	A7K170102-007	4-Chloro-3-methylphenol	0.64	J	J	LCS %R
20071115CINEB-2	A7K170102-007	Bis(2-Ethylhexyl) phthalate	1.8	JB	10U	Method blank
20071115CINFB-2	A7K170102-006	4-Chloro-3-methylphenol	0.81	J	J	LCS %R
20071115CINFB-2	A7K170102-006	Bis(2-Ethylhexyl) phthalate	1.1	JB	10U	Method blank
20071115UAW05-20V15.38	A7K170102-004	ALL SVOCs			J/UJ	Internal Standard %R
20071115UAW05-20V15.38N	A7K170102-004	2-Butanone	84	JB	620U	Method blank, Field QC Blank
20071115UAW05-20V15.38N	A7K170102-004	Acetone	130	JB	620U	Method blank, Trip Blank, Field QC Blank
20071115UAW06-20V17N	A7K170102-005	2-Butanone	5.9	JB	50U	Method blank, Field QC Blank
20071115UAW06-20V17N	A7K170102-005	Acetone	11	JB	50U	Method blank, Trip Blank, Field QC Blank
20071115UAW07-20V14N	A7K170102-009	2-Butanone	27	JB	200U	Method blank, Field QC Blank
20071115UAW07-20V14N	A7K170102-009	Acetone	44	JB	200U	Method blank, Trip Blank, Field QC Blank
20071115UAW07-20V14N	A7K170102-009	Chlorobenzene	530		J	MS %R

TABLE 2 - SAMPLE QUALIFICATION SUMMARY

Sample ID	Lab Sample ID	Analyte	Conc. (ug/L)	Lab Flag	Qualifier	Reason
20071115UAW09-20V24N	A7K170102-003	Bis(2-Ethylhexyl) phthalate	1.4	JB	10U	Method blank, Field QC Blank
20071115UAW09-60V52N	A7K170102-001	Bis(2-Ethylhexyl) phthalate	1.3	JB	10U	Method blank, Field QC Blank
20071115UAW20-60V53N	A7K170102-008	2-Butanone	110	JB	670U	Method blank, Field QC Blank
20071115UAW20-60V53N	A7K170102-008	Acetone	120	JB	670U	Method blank, Trip blank, Field QC Blank
20071115UAW20-60V53N	A7K170102-008	Antimony	4.4	B	10U	Method blank, Field QC Blank
20071115UAW20-60V53N	A7K170102-008	Bis(2-Ethylhexyl) phthalate	1.6	JB	10U	Method blank, Field QC Blank
20071115UAW20-60V53N	A7K170102-008	Phenol	1.0	J	10U	Field QC blank
20071115UAW22-20V18N	A7K170102-012	4-Methylphenol	1.2	J	J	Sample Quantitation
20071116UAW11-10V12N	A7K170102-013	4-Methylphenol	1.6	J	J	Sample Quantitation
20071116UAW11-10V12N	A7K170102-013	Bis(2-Ethylhexyl) phthalate	1.8	JB	10U	Method blank, Field QC Blank
20071116UAW11-40V38N	A7K170102-010	Bis(2-Ethylhexyl) phthalate	1.6	JB	10U	Method blank
20071116UAW12-20V14N	A7K170102-014	2-Butanone	57	JB	670U	Method blank, Field QC Blank
20071116UAW13-20V13N	A7K170102-016	2-Butanone	29	JB	120U	Method blank, Field QC Blank
20071116UAW13-20V13N	A7K170102-016	Acetone	130		U	Trip Blank, Field QC Blank
20071116UAW13-20V13N	A7K170102-016	Potassium	7850	JE	J	Matrix interference
20071116UAW18-20V15N	A7K170102-011	2-Butanone	0.68	JB	10U	Method blank, Field QC Blank
20071116UAW18-20V15N	A7K170102-011	Acetone	1.3	J	10U	Trip Blank, Field QC Blank
20071116UAW18-20V15N	A7K170102-011	Bis(2-Ethylhexyl) phthalate	1.5	JB	10U	Method blank, Field QC Blank
20071116UAW22-20V18N	A7K170102-012	2-Butanone	13	J	120U	Field QC blank
20071116UAW22-20V18N	A7K170102-012	Acetone	560		U	Field QC blank
20071116UAW22-20V18N	A7K170102-012	Antimony	6.6	B	10U	Method blank, Field QC Blank
20071116UAW22-20V18N	A7K170102-012	Bis(2-Ethylhexyl) phthalate	1.3	JB	10U	Method blank, Field QC Blank
20071119MW-EPA-1V15N	A7K200111-003	Antimony	2.1	B	10U	Method blank, Field QC Blank
20071119MW-EPA-2V19N	A7K200111-004	Antimony	4.2	B	10U	Method blank, Field QC Blank
20071119MW-EPA-2V19N	A7K210000-047	Bis(2-Ethylhexyl) phthalate	2.3	JB	10U	Method blank, Field QC Blank
20071119UAW15-50V44N	A7K200111-002	2-Butanone	1.0	JB	10U	Method blank, Field QC Blank
20071119UAW15-50V44N	A7K200111-002	Antimony	7.0	B	10U	Method blank, Field QC Blank
20071119UAW16-10V12N	A7K200111-005	2-Butanone	0.91	JB	14U	Method blank, Field QC Blank
20071119UAW16-10V12N	A7K200111-005	Antimony	1.9	B	10U	Method blank, Field QC Blank
20071119UAW16-10V12N	A7K210000-047	Bis(2-Ethylhexyl) phthalate	1.2	JB	10U	Method blank, Field QC Blank
20071119UAW16-10V12N	A7K200111-005	Acetone	2.1	J	14U	Trip Blank, Field QC Blank