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

JUNE 2007

PREPARED BY:

PARSONS
2443 CROWNE POINT DRIVE
CINCINNATI, OH 45241

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SECTION 1.0
INTRODUCTION

This report provides a detailed discussion of tasks conducted as part of the 2006 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 the 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 Unit (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 30 October 2006, Parsons measured water levels in all monitoring wells at the site. The depth to the bottom of each well was also measured from the top of the well casing (TOC). 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 all monitoring wells.

From October 31 through November 9, 2006 (the 2006 Sampling Event), Parsons sampled the on-site wells. Parsons performed low-flow purging and sampling utilizing a low-flow bladder pump to sample all on-site monitoring wells with the exception of MW-EPA-2, UAW05-20, UAW06-20, UAW08-20, UAW10-50, UAW10-80, UAW21-30, and UAW22-20. Due to slow recharge capacity, these wells were purged dry and sampled upon recharge using disposable polyethylene bailers.

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 all 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 an alpha character indicating the type of sample (normal, field duplicate, etc). The sample label for UAW01-80 was 20061101UAW01-80V74N. The nomenclature indicates that a normal sample was collected from UAW01-80 on 8 November 2006 at a depth of 74 feet below top of casing using low-flow sampling methods. The sample label for MW-EPA-2 was 20061109MW-EPA-2V15@N, which

indicates that a normal sample was collected from MW-EPA-2 on 9 November 2006 using a volume based purge method (bailer). The approximate (@) depth of 15 feet is the middle of the screen interval in that well. A chain-of-custody accompanied each sample cooler.

2.3 Analytical Methods and QA/QC Procedures

Groundwater samples were submitted to Severn Trent Laboratories (STL), 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 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.

- Trip blanks, TB-1 through TB-5, 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 STL, and accompanied each cooler containing VOC sample containers. One trip blank accompanied each sample cooler shipped to STL containing VOC samples.
- Two extra sample volumes were collected with samples 20061106UAW16-10V12N, 20061106UAW23-20V24N, and 20061107MW-EPA-3V15N for matrix spike/matrix spike duplicate (MS/MSD) control. STL utilized additional site samples as the MS/MSD samples for SVOC and metals analyses.
- Two field blank samples, 20061106CINFB-1 and 20061108CINFB-1 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, 20061102CINEB-1 and 20061106CINEB-1 were collected by pouring laboratory supplied, deionized water through the low-flow equipment following decontamination.
- Two duplicate samples, 20061103UAW02-40V38DUP and 20061106UAW04-20V16DUP were collected at UAW02-40 and UAW04-20 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 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. At the end of each day, STL couriers picked up groundwater samples directly from the facility and shipped the coolers via overnight courier to:

Severn Trent Laboratory
4101 Shuffel Drive NW
North Canton, Ohio 44720
(330) 497-9396

2.4 Disposition of Purge Water

All 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

All equipment used during the groundwater sampling activities was thoroughly decontaminated prior to its initial use and after each subsequent use. All 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 STL in sealed, 5-gallon polypropylene containers. Upon completion of field activities, all sampling equipment was decontaminated before

leaving the site. All 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 October 30, 2006. 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 0.031 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 0.054 ft./ft. between MW-EPA-2 and UAW22-20), and flattens in the northwest area of the site (approximately 0.008 ft./ft. between UAW22-20 and MW-EPA-1).

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.

Groundwater flow direction in the lower aquifer is generally to the south based on water level measurements from the three lower aquifer wells, located in the northeast area of the site.

3.2 Groundwater Analytical Data

The analytical results for groundwater samples collected during the 2006 sampling event are summarized in Tables 2, 3 and 4 for VOCs, SVOCs, and inorganics, respectively. Only detected compounds are listed in the analytical tables. The historical distributions of detected VOCs and SVOCs are depicted on Figures 4 and 5, respectively. The historical distributions of selected metals, specifically arsenic, chromium, lead, tin, and vanadium 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 2006 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 2006 concentrations exceeded the historical concentration range in any given well. The comparison and evaluation of the significance of the 2006 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.

3.2.1 Data Quality Assessment

Forty groundwater samples were collected from thirty-eight 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, all sample results (as qualified in the report and on Tables B-1, B-2, and B-4) are considered acceptable and usable for the purpose of reporting semi-annual groundwater monitoring results. A small number of the sample results were qualified as estimated due to minor data quality deficiencies. Low level detections of acetone and methylene chloride in specific samples were qualified as undetected ("U') based on contamination of the associated method blank or trip blank. Sample UAW02-40 20061103UAW02-40V38N

and 20061106UAW04-20V16N were collected as field duplicates. Field duplicate analysis exhibited good agreement with parent sample results; relative percent difference (RPD) values were less than 5% RPD.

3.2.2 VOCs

Twenty-eight of the forty 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 three times as many new low concentrations (57) as new high concentrations (18). For twelve of the forty 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. Concentrations of VOCs were within or below historical ranges for all wells in the northwestern portion of the site. Additionally, concentrations of chlorobenzene decreased in the majority of northwestern area wells compared to the 2005 groundwater sampling data.

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, with the exception of new detections of 1,2-dichloroethane and 1,1,1-trichloroethane in MW-EPA-2.

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 with the exception of an increase of 1,2-dichloroethane in UAW10-50.

3.2.3 SVOCs

Fourteen of the forty groundwater samples collected in 2006 indicated one or more SVOCs above reporting limits, as indicated in Table 3. For twenty-six of the forty wells sampled, SVOC concentrations were not detected above the reporting limit. The

concentrations of detected SVOCs in samples collected during the October 2006 were generally consistent with historical concentrations (i.e., within historical concentration range). Table 6 shows approximately one-and-a-half times as many new low detections (21) as new high detections (13).

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 highest in the northeastern area of the site (Figure 5).

3.2.4 Inorganics (Metals and Cyanide)

During the 2006 sampling event, a total of twenty-four metals were detected above laboratory detection limits within the samples analyzed. (Cyanide was not detected in any sample analyzed.) For the select list of metals including arsenic, chromium, lead, tin, and vanadium, 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 approximately the same number of new low detections (16) as new high detections (15) within the select list of metals.

In the Shallow UA Sands, the measured concentrations of arsenic, chromium, lead, tin, and vanadium are highest in the northwestern area of the site, as illustrated on Figure 6. The concentration of these five metals in samples from each well in the northwestern area were below or within historical ranges, with the following exceptions: an increase of arsenic in UAW25-20; an increase of chromium in UAW03-20, UAW05-20, UAW07-20, UAW09-20, UAW15-20, and UAW21-30; an increase of lead in UAW21-30, an increase of tin in MW-EPA-2, UAW10-50, and UAW18-20; an increase of vanadium in UAW05-20 and UAW21-30.

In the Deep UA Sands, the measured concentrations of arsenic, chromium, lead, tin, and vanadium are highest in the east-central to northwestern area of the site, as indicated on Figure 6. The concentrations of these five metals in each well across the site were below or within historical ranges, with the exception of an increase of Arsenic in UAW21-80 and an increase of chromium in UAW11-40.

SECTION 4.0
SUMMARY

Thirty-eight wells completed in the upper aquifer (UA) were sampled between 31 October and 9 November 2006. 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.

Based on the water level measurements obtained from the three lower aquifer wells located in the northwest area of the site, the groundwater flow direction in the Lower Aquifer is generally toward the south.

In general the detected concentrations site-wide were within or often below the range of previously detected results, the most noticeable exception being the increase of chromium concentrations in 5 wells screened in the Shallow Upper Aquifer in the northeastern portion of the site.

SECTION 5.0
REFERENCES

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

TABLES

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

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

Table 2
Volatile Organic Compound Analytical Results
Rohm And Haas Cincinnati Plant
2006 Sampling Event

		ANALYTES (µg/L)																											
		ACETONE	BENZENE	BROMODICHLOROMETHANE	2-BUTANONE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROETHANE	CHLOROFORM	CYCLOHEXANE	1,1-DICHLOROETHANE	1,2-DICHLOROETHANE	1,1-DICHLOROETHENE	CIS-1,2-DICHLOROETHENE	TRANS-1,2-DICHLOROETHENE	ETHYLBENZENE	ISOPROPYLBENZENE	METHYLENE CHLORIDE	4-METHYL-2-PENTANONE	METHYLCYCLOHEXANE	TETRACHLOROETHENE	1,1,1-TRICHLOROETHANE	1,1,2-TRICHLOROETHANE	TRICHLOROETHENE	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	TOLUENE	VINYL CHLORIDE	XYLENES, TOTAL
		CAS Number																											
SAMPLE LOCATION	SAMPLE DATE	67-64-1	71-43-2	75-27-4	79-93-3	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	110-82-7	75-34-3	107-06-2	75-35-4	156-59-2	156-60-5	100-41-4	98-82-8	75-09-2	108-10-1	108-87-2	127-18-4	71-55-6	79-00-5	79-01-6	76-13-1	108-88-3	75-01-4	1330-20-7
MW-EPA-1	11/8/2006	< 1200	< 120	< 120	< 1200	< 120	< 120	4400	< 120	< 120	< 120	< 120	< 120	< 120	< 62	< 62	< 120	< 120	< 120	< 1200	< 120	< 120	< 120	< 120	< 120	< 120	< 120	< 120	< 120
MW-EPA-2	11/9/2006	< 140	< 14	< 14	< 140	< 14	< 14	< 14	< 14	41	< 14	7.3 J	440	2.6 J	43	< 7.1	< 14	< 14	< 14	< 140	< 14	45	20	5 J	6 J	3.9 J	< 14	< 14	< 14
MW-EPA-3	11/7/2006	< 10	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
MW-EPA-4	11/7/2006	< 10	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
UAW01-30	11/1/2006	< 10	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
UAW01-80	11/1/2006	< 10	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	0.29 J	4.1	< 1
UAW02-20	11/3/2006	< 10	< 1	< 1	< 10	< 1	< 1	5.3	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	0.17 J	< 1	< 1
UAW02-40	11/3/2006	< 12	< 1.2	< 1.2	< 12	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	14	< 1.2	3.2	37	2.1	< 1.2	< 1.2	< 1.2	< 12	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	0.56 J	< 1.2
UAW02-40 (DUP)	11/3/2006	< 14	< 1.4	< 1.4	< 14	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	14	< 1.4	3.1	37	2.2	< 1.4	< 1.4	< 1.4	< 14	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	0.56 J	< 1.4
UAW03-20	11/6/2006	< 10	< 1	< 1	< 10	< 1	< 1	0.45 J	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	1.2 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
UAW04-20	11/6/2006	< 1400	< 140	< 140	< 1400	< 140	< 140	< 140	< 140	< 140	< 140	< 140	< 140	< 140	< 71	< 71	< 140	< 140	< 140	< 1400	< 140	< 140	< 140	< 140	< 140	< 140	3900	< 140	< 140
UAW04-20 (DUP)	11/6/2006	< 1400	< 140	< 140	< 1400	< 140	< 140	< 140	< 140	< 140	< 140	< 140	< 140	< 140	< 71	< 71	< 140	< 140	< 140	< 1400	< 140	< 140	< 140	< 140	< 140	< 140	4000	< 140	< 140
UAW05-20	11/9/2006	< 170	< 17	< 17	< 170	< 17	< 17	550	< 17	< 17	< 17	< 17	< 17	< 17	< 8.3	< 8.3	< 17	< 17	10 J	< 170	< 17	< 17	< 17	< 17	< 17	< 17	< 17	< 17	< 17
UAW06-20	11/9/2006	< 50	< 5	< 5	< 50	< 5	< 5	120	< 5	< 5	< 5	< 5	< 5	< 5	< 2.5	< 2.5	< 5	< 5	< 5	< 50	< 5	< 5	< 5	< 5	< 5	< 5	1 J	< 5	< 5
UAW07-20	11/6/2006	< 57	3.2 J	< 5.7	< 57	< 5.7	< 5.7	160	< 5.7	< 5.7	< 5.7	< 5.7	< 5.7	< 5.7	< 2.9	< 2.9	3.1 J	1.1 J	< 5.7	< 57	< 5.7	< 5.7	< 5.7	< 5.7	< 5.7	< 5.7	< 5.7	< 5.7	4.3 J
UAW08-20	11/9/2006	< 100	87	< 10	< 100	< 10	< 10	36	< 10	< 10	1.9 J	< 10	< 10	< 10	< 5	< 5	30	< 10	5.7 J	44 J	8 J	< 10	< 10	< 10	< 10	< 10	260	< 10	130
UAW09-20	11/3/2006	< 10	< 1	1.3	< 10	< 1	< 1	< 1	< 1	2.7	< 1	< 1	< 1	0.19 J	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	0.21 J	< 1	< 1
UAW09-60	11/3/2006	< 10	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
UAW10-50	11/9/2006	< 140	< 14	< 14	< 140	< 14	< 14	< 14	< 14	22	< 14	5.4 J	420	< 14	33	< 7.1	< 14	< 14	7.6 J	< 140	< 14	10 J	11 J	< 14	4 J	< 14	< 14	< 14	< 14
UAW10-80	11/9/2006	< 10	< 1	< 1	< 10	< 1	< 1	< 1	0.61 J	0.23 J	< 1	0.27 J	3.3	< 1	0.56	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.47 J	< 1
UAW11-10	11/2/2006	< 330	< 33	< 33	< 330	< 33	< 33	< 33	< 33	< 33	< 33	< 33	< 33	< 33	< 17	< 17	< 33	< 33	< 33	< 330	< 33	< 33	< 33	< 33	< 33	< 33	< 33	< 33	< 33
UAW11-40	11/2/2006	< 10	< 1	< 1	< 10	< 1	< 1	1.6	< 1	0.7 J	< 1	4.6	7.2	0.29 J	6.7	0.32 J	< 1	< 1	< 1	< 10	< 1	13	6.7	0.53 J	1.7	0.68 J	0.29 J	< 1	< 1
UAW12-20	11/6/2006	< 710	< 71	< 71	< 710	< 71	< 71	2000	< 71	< 71	< 71	< 71	< 71	< 71	< 36	< 36	< 71	< 71	< 71	< 710	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71
UAW13-20	10/31/2006	< 100	15	< 10	< 100	95	< 10	39	< 10	< 10	< 10	< 10	< 10	< 10	< 5	< 5	3 J	< 10	< 10	8.5 J	< 10	< 10	< 10	< 10	< 10	< 10	13	< 10	6.1 J
UAW14-10	11/8/2006	< 10	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
UAW15-20	11/2/2006	< 14	< 1.4	< 1.4	< 14	< 1.4	1.1 J	< 1.4	< 1.4	40	< 1.4	< 1.4	< 1.4	< 1.4	< 0.72	< 0.72	< 1.4	< 1.4	< 1.4	< 14	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
UAW15-50	11/2/2006	< 50	< 5	< 5	4.6 J	1.5 J	< 5	25	< 5	< 5	< 5	< 5	< 5	< 5	< 2.5	< 2.5	< 5	< 5	< 5	8 J	< 5	< 5	< 5	< 5	< 5	< 5	11	< 5	< 5
UAW16-10	11/6/2006	< 10	0.38 J	< 1	< 10	< 1	< 1	5.8	< 1	< 1	0.21 J	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	0.3 J	< 1	< 1
UAW17-40	10/31/2006	< 10	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
UAW18-20	11/6/2006	< 10	0.25 J	< 1	< 10	< 1	< 1	3	< 1	< 1	0.13 J	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	0.71 J	< 1	< 1	< 1	< 1	< 1	< 1	0.31 J	< 1	< 1
UAW19-80	11/8/2006	< 10	< 1	< 1	< 10	< 1	< 1	< 1	0.35 J	1.3	< 1	15	35	1.8	14	0.48 J	< 1	< 1	< 1	< 10	< 1	< 1	6.4	0.29 J	< 1	< 1	< 1	< 1	< 1
UAW20-60	11/7/2006	< 500	< 50	< 50	< 500	< 50	< 50	< 50	< 50	82	< 50	26 J	1600	9.8 J	63	< 25	< 50	< 50	< 50	< 500	< 50	55	56	< 50	< 50	< 50	< 50	< 50	< 50
UAW21-30	11/9/2006	< 10	< 1	< 1	< 10	< 1	< 1	< 1	< 1	0.58 J	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
UAW21-80	11/8/2006	< 10	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
UAW22-20	11/9/2006	< 25	< 2.5	< 2.5	< 25	< 2.5	< 2.5	24	< 2.5	< 2.5	< 2.5	3.9	2.5	< 2.5	1.1 J	< 1.2	< 2.5	< 2.5	< 2.5	< 25	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	0.54 J	1.3 J	< 2.5
UAW23-20	11/6/2006	< 10	< 1	< 1	< 10	< 1	< 1	< 1	< 1	37	< 1	5.8	0.32 J	0.38 J	6.6	0.85	< 1	< 1	< 1	< 10	< 1	27	14	2.6	3.8	1.9	< 1	< 1	< 1
UAW24-70	10/31/2006	< 10	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	0.31 J	< 1	< 1
UAW25-20	11/8/2006	< 10	< 1	< 1	< 10	< 1	< 1	6.4	< 1	< 1	< 1	< 1	0.95 J	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	0.19 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1
UAW26-70	11/7/2006	< 10	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
UAW27-50	11/1/2006	< 10	< 1	< 1	< 10	< 1	< 1	< 1	< 1	0.33 J	< 1	6.4	0.4 J	0.54 J	5.5	0.24 J	< 1	< 1	< 1	< 10	< 1	< 1	1.1	< 1	< 1	< 1	0.41 J	< 1	< 1
20061102CINEB-1	11/2/2006	13 B	< 1	< 1	2.2 J	0.4 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
20061106CINEB-1	11/6/2006	11	< 1	< 1	2.2 J	0.78 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
20061106CINFB-1	11/6/2006	15	< 1	< 1	2.6 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
20061106TB-1	11/6/2006	3.8 J	< 1	< 1	0.61 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
20061106TB-2	11/6/2006	3.7 J	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
20061107TB-3	11/7/2006	4.1 J	< 1	< 1	0.62 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
20061108CINFB-1	11/8/2006	12 B	< 1	< 1	2.1 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
20061108TB-4	11/8/2006	3.5 J	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
20061108TB-5	11/8/2006	3.5 J	< 1	< 1	0.41 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Note: Only detected compounds are included in the table.

"J" flag indicates and 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 anyalyte was also detected in the asociated method blank.

Table 3
Semivolatile Organic Compound Analytical Results
Rohm And Haas Cincinnati Plant
2006 Sampling Event

		ANALYTES (µg/L)																
		ACENAPHTHENE	ACETOPHENONE	ANILINE	BENZALDEHYDE	BIS(2-ETHYLHEXYL) PHTHALATE	CAPROLACTAM	2-CHLOROPHENOL	4-CHLORO-3-METHYLPHENOL	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	DIETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	2-METHYLNAPHTHALENE	2-METHYLPHENOL	4-METHYLPHENOL	NAPHTHALENE
		CAS Number																
SAMPLE LOCATION	SAMPLE DATE	83-32-9	98-86-2	62-53-3	100-52-7	117-81-7	105-60-2	95-57-8	59-50-7	95-50-1	541-73-1	106-46-7	84-66-2	84-74-2	91-57-6	95-48-7	106-44-5	91-20-3
MW-EPA-1	11/8/2006	< 50	< 50	36 J	< 50	< 50	< 50	16 J	< 50	1000	46 J	330	< 50	< 50	< 50	< 50	< 50	11 J
MW-EPA-2	11/9/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 14	< 14	< 14	< 10	< 10	< 10	< 10	< 10	< 10
MW-EPA-3	11/7/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
MW-EPA-4	11/7/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
UAW01-30	11/1/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
UAW01-80	11/1/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	0.45 J
UAW02-20	11/3/2006	< 10	< 10	1 J	< 10	< 10	1.5 J	< 10	< 10	7.2	0.27 J	2.9	< 10	< 10	< 10	< 10	< 10	< 10
UAW02-40	11/3/2006	< 10	< 10	< 10	< 10	< 10	1.6 J	< 10	< 10	< 1.2	< 1.2	< 1.2	< 10	< 10	< 10	< 10	< 10	< 10
UAW02-40 (DUP)	11/3/2006	< 10	< 10	< 10	< 10	< 10	1.6 J	< 10	< 10	< 1.4	< 1.4	< 1.4	< 10	< 10	< 10	< 10	< 10	< 10
UAW03-20	11/6/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0.45 J	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
UAW04-20	11/6/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 140	< 140	< 140	< 10	< 10	< 10	12	< 10	< 10
UAW04-20 (DUP)	11/6/2006	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 140	< 140	< 140	< 40	< 40	< 40	9.5 J	12 J	< 40
UAW05-20	11/9/2006	< 10	< 10	7.4 J	< 10	< 10	< 10	2.7 J	< 10	41	5.1 J	45	< 10	< 10	< 10	< 10	< 10	2.1 J
UAW06-20	11/9/2006	1.2 J	< 50	5.2 J	< 50	< 50	7.7 J	< 50	< 50	140	2.1 J	13	< 50	< 50	< 50	< 50	< 50	< 50
UAW07-20	11/6/2006	< 100	< 100	16 J	< 100	< 100	< 100	< 100	< 100	71	1.4 J	10	< 100	< 100	< 100	< 100	< 100	< 100
UAW08-20	11/9/2006	< 800	< 800	1700	< 800	< 800	< 800	< 800	< 800	230	3.9 J	22	< 800	< 800	< 800	< 800	< 800	< 800
UAW09-20	11/3/2006	< 10	< 10	< 10	< 10	< 10	1.6 J	< 10	< 10	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
UAW09-60	11/3/2006	< 10	< 10	< 10	< 10	< 10	1.5 J	< 10	< 10	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
UAW10-50	11/9/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 14	< 14	< 14	< 10	< 10	< 10	< 10	< 10	< 10
UAW10-80	11/9/2006	< 10	< 10	< 10	< 10	< 10	1.1 J	< 10	< 10	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
UAW11-10	11/2/2006	< 67	< 67	200	< 67	< 67	16 J	< 67	< 67	8.8 J	< 33	< 33	< 67	< 67	< 67	< 67	< 67	< 67
UAW11-40	11/2/2006	< 10	< 10	< 10	< 10	< 10	1.8 J	< 10	< 10	0.24 J	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
UAW12-20	11/6/2006	< 10	< 10	4.6 J	< 10	< 10	1.6 J	4.1 J	< 10	310	25 J	140	< 10	< 10	< 10	< 10	< 10	3.5 J
UAW13-20	10/31/2006	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	66	< 10	11	< 50	< 50	5.7 J	< 50	< 50	< 50
UAW14-10	11/8/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
UAW15-20	11/2/2006	< 10	< 10	< 10	< 10	< 10	1.6 J	< 10	< 10	< 1.4	< 1.4	< 1.4	< 10	< 10	< 10	< 10	< 10	< 10
UAW15-50	11/2/2006	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 5	< 5	< 5	< 100	< 100	< 100	< 100	< 100	< 100
UAW16-10	11/6/2006	< 10	< 10	1.9 J	< 10	< 10	< 10	< 10	< 10	11	0.85 J	6.5	< 10	< 10	< 10	< 10	< 10	< 10
UAW17-40	10/31/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
UAW18-20	11/6/2006	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	4.7	0.21 J	1.8	< 40	< 40	< 40	< 40	< 40	< 40
UAW19-80	11/8/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
UAW20-60	11/7/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 50	< 50	< 10	< 10	< 10	< 10	< 10	< 10
UAW21-30	11/9/2006	< 10	< 10	< 10	< 10	< 10	1.2 J	< 10	< 10	< 1	< 1	< 1	< 10	0.62 J	< 10	< 10	< 10	< 10
UAW21-80	11/8/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
UAW22-20	11/9/2006	< 10	< 10	1.2 J	< 10	< 10	< 10	< 10	< 10	68	1.1 J	7.7	< 10	< 10	< 10	< 10	< 10	< 10
UAW23-20	11/6/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
UAW24-70	10/31/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
UAW25-20	11/8/2006	< 10	< 10	1.9 J	< 10	< 10	< 10	< 10	< 10	11	0.42 J	3.3	< 10	< 10	< 10	< 10	< 10	< 10
UAW26-70	11/7/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
UAW27-50	11/1/2006	< 10	< 10	< 10	< 10	1.1 J B	< 10	< 10	< 10	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
20061102CINEB-1	11/2/2006	< 10	0.99 J	< 10	1.3 J	0.93 J	< 10	< 10	2.7 J	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
20061106CINEB-1	11/6/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1.6 J	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
20061106CINFB-1	11/6/2006	< 10	0.72 J	< 10	< 10	1.6 J B	< 10	< 10	1.9 J	< 1	< 1	< 1	< 10	< 10	< 10	< 10	< 10	< 10
20061108CINFB-1	11/8/2006	< 10	1.1 J	< 10	< 10	1 J	< 10	< 10	1.4 J	< 1	< 1	< 1	0.74 J	< 10	< 10	< 10	< 10	< 10

Note: Only detected compounds are included in the table.

"J" flag indicates and 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 anyalyte was also detected in the asociated method blank.

Table 4
Inorganic Analytical Results
Rohm And Haas Cincinnati Plant
2006 Sampling Event

		ANALYTES (µg/L)																							
		ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	NICKEL	POTASSIUM	SELENIUM	SILVER	SODIUM	THALLIUM	TIN	VANADIUM	ZINC
		CAS Number																							
SAMPLE LOCATION	SAMPLE DATE	7429-90-5	7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-70-2	7440-47-3	7440-48-4	7440-50-8	7439-89-6	7439-92-1	7439-95-4	7439-96-5	7439-97-6	7440-02-0	7440-09-7	7782-49-2	7440-22-4	7440-23-5	7440-28-0	7440-31-5	7440-62-2	7440-66-6
MW-EPA-1	11/8/2006	138 B	< 10	293	243	< 5	< 2	289000 J	31.2	< 7	4 B J	1980	< 3	123000	281 J	< 0.2	12.8 B	11500 J	< 5	< 5	591000	< 10	1310	5.1 B	20 J
MW-EPA-2	11/9/2006	179 B	< 10	< 10	32.3 B	0.33 B	5.3	228000 J	10.7	1.3 B	13.2 B	1510	6.6	66000	77.2 J	< 0.2	22.1 B	2090 B J	< 5	< 5	64000	< 10	89.1 B	< 7	84.9 J
MW-EPA-3	11/7/2006	872	< 10	< 10	144 B	< 5	0.68 B	377000 J	10.7	2.9 B	3.6 B J	7140	< 3	139000	794 J	< 0.2	28.6 B	2360 B J	< 5	< 5	60600	< 10	< 100	< 7	26.7 J
MW-EPA-4	11/7/2006	< 200	< 10	< 10	257	< 5	< 2	252000 J	197	1.4 B	4.6 B J	684	< 3	64300	129 J	< 0.2	102	5830 J	< 5	< 5	592000	< 10	6.5 B	< 7	< 20
UAW01-30	11/1/2006	< 200	< 10	13.2	218	< 5	< 2	221000 J	9	1.6 B	< 25	7130	< 3	46000	531 J	< 0.2	108	12900 J	< 5	< 5	495000	< 10	22.3 B	< 7	< 20
UAW01-80	11/1/2006	< 200	< 10	< 10	337	< 5	< 2	114000 J	< 5	< 7	< 25	10400	< 3	29100	514 J	< 0.2	< 40	2240 B J	< 5	< 5	62500	< 10	< 100	< 7	< 20
UAW02-20	11/3/2006	47.3 B	< 10	< 10	119 B	< 5	0.64 B	156000 J	5.2	< 7	2.8 B J	4270	< 3	31500	407 J	< 0.2	7.8 B	3110 B J	< 5	< 5	268000	< 10	46.8 B	< 7	10.6 B J
UAW02-40	11/3/2006	< 200	< 10	< 10	136 B	< 5	< 2	106000 J	< 5	< 7	< 25	5500	< 3	38100	563 J	< 0.2	2.4 B	2280 B J	< 5	< 5	85100	< 10	< 100	< 7	< 20
UAW02-40 (DUP)	11/3/2006	< 200	< 10	< 10	136 B	< 5	< 2	106000 J	< 5	< 7	< 25	5420	< 3	38100	563 J	< 0.2	2.8 B	2270 B J E	< 5	< 5	85400	< 10	< 100	< 7	< 20
UAW03-20	11/6/2006	5520	< 10	6.9 B	101 B	0.35 B	1.3 B	121000 J	12.8	5.9 B	27.8 J	9460	22.8	26300	900 J	0.12 B	16.5 B	2920 B J	< 5	< 5	81200	< 10	67.9 B	13.6	244 J
UAW04-20	11/6/2006	< 200	19.8	22.4	217	< 5	< 2	164000 J	< 5	< 7	2.6 B J	2530	< 3	31900	4080 J	< 0.2	3.7 B	1850 B J	< 5	< 5	143000	8.8 B	285	4.4 B	10.5 B J
UAW04-20 (DUP)	11/6/2006	< 200	21.4	26	215	< 5	< 2	161000 J	< 5	< 7	3 B J	2730	< 3	31600	3990 J	< 0.2	3.3 B	1830 B J	< 5	< 5	141000	5.2 B	283	4.2 B	10.5 B J
UAW05-20	11/9/2006	6760	< 10	17.5	79.2 B	0.59 B	1.1 B	170000 J	421	13	26.1	10600	6.4	33500	636 J	0.091 B	662	5110 J	< 5	< 5	190000	< 10	204	17.8	48.5 J
UAW06-20	11/9/2006	999	< 10	16.5	71.6 B	0.36 B	0.53 B	251000 J	5.7	2.3 B	20.3 B	4210	< 3	35200	1370 J	< 0.2	11.8 B	4420 B J	< 5	< 5	220000	< 10	1440	13.3	22.8 J
UAW07-20	11/6/2006	560	< 10	< 10	32.7 B	< 5	4.1	197000 J	50.3	< 7	19 B J	1820	< 3	30100	813 J	< 0.2	9.8 B	5190 J	< 5	< 5	191000	< 10	237	2.7 B	25.6 J
UAW08-20	11/9/2006	3560	< 10	74.3	93.7 B	0.58 B	4.4	834000 J	37.8	5.6 B	41.9	11200	4.2	143000	613 J	< 0.2	17.9 B	18200 J	< 5	< 5	529000	< 10	4950	19.5	49.4 J
UAW09-20	11/3/2006	< 200	< 10	< 10	64.6 B	< 5	< 2	99000 J	53.5	< 7	1.8 B J	374	< 3	26300	23.8 J	< 0.2	78.9	1500 B J	< 5	< 5	63900	< 10	5.4 B	< 7	< 20
UAW09-60	11/3/2006	< 200	< 10	6 B	370	< 5	< 2	111000 J	2.3 B	< 7	3.3 B J	< 100	< 3	37300	121 J	< 0.2	2.2 B	1350 B J	< 5	< 5	15900	5.3 B	< 100	< 7	< 20
UAW10-50	11/9/2006	5830	< 10	< 10	83.2 B	0.63 B	< 2	181000 J	9.4	5.8 B	13.1 B	8200	4.2	48800	354 J	< 0.2	23.2 B	5210 J	< 5	9.9	46400	< 10	20.2 B	11.6	40.2 J
UAW10-80	11/9/2006	453	< 10	11.4	262	0.35 B	< 2	129000 J	< 5	1.2 B	< 25	8380	< 3	40800	386 J	< 0.2	2.6 B	1800 B J	< 5	< 5	12800	< 10	10.2 B	< 7	6.9 B J
UAW11-10	11/2/2006	< 200	13	65.9	175 B	< 5	0.46 B	226000 J	3.6 B	< 7	2.3 B J	977	< 3	81900	2180 J	< 0.2	4.9 B	9230 J	< 5	< 5	514000	5.3 B	3050	22.3	25.4 J
UAW11-40	11/2/2006	< 200	< 10	< 10	27.6 B	< 5	0.56 B	296000 J	124	10.1	13 B J	1920	< 3	67700	1520 J	< 0.2	87	6070 J	< 5	< 5	269000	< 10	58.9 B	< 7	22.1 J
UAW12-20	11/6/2006	< 200	< 10	5.7 B	33.5 B	< 5	0.66 B	830000 J	< 5	< 7	27.2 J	2190	5.7	96900	4820 J	< 0.2	3.9 B	13700 J	< 5	< 5	726000	7.8 B	71.2 B	2 B	56.1 J
UAW13-20	10/31/2006	< 200	< 10	27.8	10 B	< 5	< 2	878000 J	50.3	< 7	7.2 B J	480	< 3	95700	3180 J	< 0.2	10.8 B	10600 J	< 5	< 5	701000	< 10	1780	9.7	11.7 B J
UAW14-10	11/8/2006	< 200	< 10	< 10	73.1 B	< 5	< 2	104000 J	< 5	< 7	1.9 B J	1610	< 3	29200	50.3 J	< 0.2	1.8 B	1280 B J	< 5	< 5	30200	< 10	< 100	< 7	< 20
UAW15-20	11/2/2006	< 200	< 10	< 10	422	< 5	0.43 B	334000 J	53.6	13.5	9.6 B J	826	< 3	88300	114 J	< 0.2	415	6680 J	< 5	< 5	1400000	< 10	110	< 7	6.9 B J
UAW15-50	11/2/2006	< 200	5.9 B	64.6	528	< 5	0.8 B	171000 J	< 5	1.6 B	3.4 B J	8140	< 3	65700	592 J	< 0.2	58.6	6360 J	< 5	< 5	150000	6.9 B	1830	< 7	12.7 B J
UAW16-10	11/6/2006	< 200	< 10	< 10	32.5 B	< 5	< 2	251000 J	< 5	< 7	< 25	255	< 3	44100	1690 J	< 0.2	6.8 B	6580 J	< 5	< 5	211000	< 10	1060	2.1 B	< 20
UAW17-40	10/31/2006	48.2 B	< 10	8.3 B	134 B	< 5	< 2	115000 J	< 5	< 7	2 B J	2450	< 3	34800	309 J	< 0.2	< 40	966 B J	< 5	< 5	10300	< 10	< 100	< 7	< 20
UAW18-20	11/6/2006	118 B	< 10	26.9	153 B	< 5	< 2	108000 J	< 5	< 7	4 B J	1690	< 3	25000	1050 J	< 0.2	13.4 B	2340 B J	< 5	< 5	537000	< 10	3660	< 7	12.2 B J
UAW19-80	11/8/2006	1970	< 10	< 10	108 B	< 5	< 2	213000 J	16.1	< 7	5.3 B J	3230	2.2 B	63700	80.2 J	< 0.2	4.4 B	2280 B J	< 5	< 5	68800	< 10	< 100	3.1 B	10 B J
UAW20-60	11/7/2006	< 200	< 10	< 10	21.5 B	< 5	0.87 B	355000 J	5.7	< 7	3.9 B J	758	< 3	100000	94.7 J	< 0.2	8.2 B	1960 B J	< 5	< 5	85200	5.3 B	9.8 B	< 7	8.3 B J
UAW21-30	11/9/2006	7270	< 10	7 B	113 B	0.75 B	< 2	140000 J	7230	91.4	157	56500	11.4	39700	1200 J	< 0.2	1950	5410 J	< 5	< 5	77600	< 10	6.8 B	39.3	35.9 J
UAW21-80	11/8/2006	125 B	< 10	45.8	223	< 5	< 2	142000 J	2.1 B	< 7	2.2 B J	2800	< 3	45700	789 J	< 0.2	6.2 B	1110 B J	< 5	< 5	50900	< 10	< 100	< 7	< 20
UAW22-20	11/9/2006	4950	< 10	< 10	136 B	0.62 B	3.4	238000 J	13.3	5 B	47.6	15100	8.6	56100	7620 J	< 0.2	78.1	11600 J	< 5	< 5	1020000	11.9	117	11.3	65.6 J
UAW23-20	11/6/2006	< 200	< 10	< 10	35.4 B	< 5	< 2	361000 J	209	1.9 B	2.6 B J	3420	< 3	80600	36.3 J	< 0.2	86.3	23900 J	18.5	< 5	125000	< 10	11.2 B	< 7	< 20
UAW24-70	10/31/2006	574	< 10	14.4	280	< 5	< 2	102000 J	3.2 B	< 7	3.2 B J	2260	< 3	37000	216 J	< 0.2	4.7 B	2190 B J	< 5	< 5	34500	5 B	< 100	< 7	< 20
UAW25-20	11/8/2006	< 200	< 10	57.1	387	< 5	0.87 B	219000 J	281	1.5 B	11.1 B J	30300	< 3	44700	1400 J	< 0.2	77.4	3380 B J	< 5	< 5	391000	< 10	136	< 7	< 20
UAW26-70	11/7/2006	< 200	< 10	9.5 B	265	< 5	< 2	146000 J	< 5	< 7	< 25	3180	< 3	47600	308 J	< 0.2	< 40	1490 B J	< 5	< 5	36700	< 10	< 100	< 7	15.3 B J
UAW27-50	11/1/2006	< 200	< 10	< 10	99 B	< 5	< 2	160000 J	2.4 B	< 7	2.6 B J	98.3 B	< 3	44800	17.8 J	< 0.2	38.2 B	1880 B J	< 5	< 5	27900	< 10	9.7 B	< 7	10.3 B J
20061102CINEB-1	11/2/2006	< 200	< 10	< 10	< 200	< 5	< 2	132 B J	< 5	< 7	< 25	< 100	< 3	< 5000	0.28 B J	< 0.2	< 40	158 B J	< 5	< 5	< 5000	< 10	7.3 B	< 7	< 20
20061106CINEB-1	11/6/2006	< 200	< 10	< 10	< 200	< 5	< 2	222 B J	< 5	< 7	< 25	< 100	< 3	< 5000	< 15	< 0.2	< 40	162 B J	< 5	< 5	< 5000	< 10	5.3 B	< 7	< 20
20061106CINFB-1	11/6/2006	< 200	< 10	< 10	< 200	< 5	< 2	< 5000	< 5	< 7	< 25	< 100	< 3	< 5000	0.53 B J	< 0.2	< 40	157 B J	< 5	< 5	< 5000	< 10	< 100	< 7	< 20
20061108CINFB-1	11/8/2006	< 200	< 10	< 10	< 200	< 5	< 2	83.4 B J	< 5	< 7	< 25	< 100	< 3	< 5000	< 15	< 0.2	< 40	157 B J	< 5	< 5	< 5000	5.1 B	< 100	< 7	< 20

Note: Only detected compounds are included in the table.
"B" flag indicates and 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 anyalyte was also detected in the asociated method blank.

TABLE 5
SUMMARY OF 2006 VOC RESULTS EXCEEDING HISTORICAL RANGE
ROHM AND HAAS CINCINNATI PLANT

Well Location	Analyte	2006 Concentration (µg/L)		Historical Concentration Range (µg/L)	
		New Min.	New Max.	Min.	Max.
MW-EPA-2	CHLOROFORM		41	0.81 J	1.3 J
UAW01-80	TOLUENE		0.29 J	0.23 J	0.23 J
UAW02-20	CHLOROBENZENE	5.3		10	32
UAW02-20	TOLUENE	0.17 J		0.39 J	0.45 J
UAW02-40	1,1-DICHLOROETHANE	14		15	28
UAW02-40	CIS-1,2-DICHLOROETHENE	37		38	62
UAW02-40	TRANS-1,2-DICHLOROETHENE	2.1		2.4	3.3
UAW02-40	VINYL CHLORIDE	0.56 J		0.77 J	0.78 J
UAW03-20	CHLOROBENZENE	0.45 J		8.6	150
UAW05-20	METHYLENE CHLORIDE	10 J		13 J B	16 J B
UAW06-20	TOLUENE	1 J		1.3 J	13
UAW07-20	ISOPROPYLBENZENE (CUMENE)	1.1 J		2.5 J	8.9
UAW07-20	XYLENES, TOTAL	4.3 J		5	13
UAW08-20	CHLOROBENZENE	36		37	62
UAW08-20	CYCLOHEXANE	1.9 J		3.9 J	3.9 J
UAW08-20	ETHYLBENZENE	30		32 J	59
UAW08-20	METHYLCYCLOHEXANE	8 J		17 J	18 J
UAW08-20	METHYLENE CHLORIDE	5.7 J		15 J B	42 J B
UAW08-20	TOLUENE	260		970	1400
UAW08-20	XYLENES, TOTAL	130		140	270
UAW09-20	BROMODICHLOROMETHANE		1.3	0.2 J	0.54 J
UAW09-20	CHLOROFORM		2.7	0.4 J	0.74 J
UAW10-50	1,1-DICHLOROETHANE	5.4 J		6.7	14
UAW10-50	1,2-DICHLOROETHANE		420	10	380
UAW10-50	CIS-1,2-DICHLOROETHENE	33		38	59
UAW10-50	METHYLENE CHLORIDE		7.6 J	0.91 J B	3.6 J
UAW10-50	TETRACHLOROETHENE(PCE)		10 J	0.48 J	3.2 J
UAW10-50	TRICHLOROETHENE		4 J	1.7	3.6
UAW10-80	1,2-DICHLOROETHANE	3.3		49	3500
UAW10-80	CHLOROETHANE	0.61 J		1.3 J	1.3 J
UAW10-80	CHLOROFORM	0.23 J		0.47 J	24 J
UAW10-80	CIS-1,2-DICHLOROETHENE	0.56		0.97 J	1
UAW10-80	VINYL CHLORIDE	0.47 J		0.92 J	23 J
UAW11-40	1,1,2-TRICHLOROETHANE		0.53 J	0.51 J	0.51 J
UAW11-40	1,1-DICHLOROETHENE	0.29 J		0.44 J	0.44 J
UAW11-40	CHLORINATED FLUOROCARBON (FREON 113)	0.68 J		0.76 J	1.4
UAW11-40	CHLOROBENZENE	1.6		2.2	3.6
UAW11-40	TETRACHLOROETHENE(PCE)	13		14	26
UAW11-40	TRANS-1,2-DICHLOROETHENE		0.32 J	0.29 J	0.31 J
UAW11-40	TRICHLOROETHENE	1.7		2.1	2.6 J
UAW13-20	BENZENE	15		18 J	26 B
UAW13-20	CARBON DISULFIDE	95		120	410
UAW13-20	ETHYLBENZENE	3 J		4.1 J	4.3 J

TABLE 5
SUMMARY OF 2006 VOC RESULTS EXCEEDING HISTORICAL RANGE
ROHM AND HAAS CINCINNATI PLANT

Well Location	Analyte	2006 Concentration (µg/L)		Historical Concentration Range (µg/L)	
		New Min.	New Max.	Min.	Max.
UAW13-20	TOLUENE	13		23	1400
UAW15-20	CARBON TETRACHLORIDE	1.1 J		2.1 J	2.2 J
UAW15-50	TOLUENE	11		43	230
UAW16-10	CHLOROBENZENE	5.8		9.1	24 J
UAW18-20	4-METHYL-2-PENTANONE	0.71 J		0.92 J	2 J
UAW18-20	CHLOROBENZENE		3	0.42 J	2.3
UAW18-20	CYCLOHEXANE	0.13 J		0.87 J	0.87 J
UAW19-80	1,1,2-TRICHLOROETHANE	0.29 J		0.32 J	0.35 J
UAW19-80	CHLOROETHANE	0.35 J		0.73 J	0.77 J
UAW19-80	CIS-1,2-DICHLOROETHENE		14	1.3	13
UAW19-80	TRANS-1,2-DICHLOROETHENE		0.48 J	0.45 J	0.46 J
UAW20-60	1,1-DICHLOROETHANE	26 J		32	58
UAW20-60	1,2-DICHLOROETHANE		1600	300	1500
UAW20-60	CHLOROFORM		82	31	71
UAW20-60	TETRACHLOROETHENE(PCE)		55	17	43 J
UAW21-30	CHLOROFORM		0.58 J	0.23 J	0.33 J
UAW22-20	1,1-DICHLOROETHANE	3.9		8.1	66
UAW22-20	CIS-1,2-DICHLOROETHENE	1.1 J		1.6	17
UAW22-20	TOLUENE	0.54 J		0.58 J	1.3 J
UAW22-20	VINYL CHLORIDE	1.3 J		3.3	15
UAW23-20	1,1-DICHLOROETHANE	5.8		5.9	20
UAW23-20	1,1-DICHLOROETHENE	0.38 J		0.59 J	2.8
UAW23-20	1,2-DICHLOROETHANE	0.32 J		0.52 J	660
UAW23-20	CIS-1,2-DICHLOROETHENE	6.6		6.8	25
UAW23-20	TETRACHLOROETHENE(PCE)	27		39	82
UAW23-20	TRANS-1,2-DICHLOROETHENE		0.85	0.6	0.84
UAW24-70	TOLUENE	0.31 J		0.48 J	0.48 J
UAW27-50	1,1-DICHLOROETHANE	6.4		9.9	10
UAW27-50	1,1-DICHLOROETHENE	0.54 J		0.66 J	0.79 J
UAW27-50	1,2-DICHLOROETHANE	0.4 J		0.52 J	0.58 J
UAW27-50	CHLOROFORM	0.33 J		0.42 J	0.51 J
UAW27-50	TRANS-1,2-DICHLOROETHENE	0.24 J		0.27 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 2006 SVOC RESULTS EXCEEDING HISTORICAL RANGE
ROHM AND HAAS CINCINNATI PLANT

Well Location	Analyte	2006 Concentration (µg/L)		Historical Concentration Range (µg/L)	
		New Min.	New Max.	Min.	Max.
MW-EPA-1	1,3-DICHLOROBENZENE		46 J	33 J	35 J
MW-EPA-1	1,4-DICHLOROBENZENE		330	160	300 J
UAW02-20	CAPROLACTAM		1.5 J	1.3 J	1.3 J
UAW02-20	1,3-DICHLOROBENZENE	0.27 J		0.61 J	0.61 J
UAW03-20	1,2-DICHLOROBENZENE	0.45 J		19	360
UAW04-20	CAPROLACTAM		6.1 J B	0.88 J	0.88 J
UAW05-20	ANILINE	7.4 J		10 J	10 J
UAW05-20	2-CHLOROPHENOL	2.7 J		6.3 J	6.3 J
UAW05-20	1,2-DICHLOROBENZENE	41		90	880
UAW05-20	1,3-DICHLOROBENZENE	5.1 J		7.3 J	20
UAW06-20	ACENAPHTHENE	1.2 J		1.7 J	6.4 J
UAW06-20	1,2-DICHLOROBENZENE		140	14	100
UAW06-20	1,3-DICHLOROBENZENE		2.1 J	1.7 J	1.7 J
UAW06-20	1,4-DICHLOROBENZENE		13	4 J	10
UAW07-20	1,3-DICHLOROBENZENE	1.4 J		1.7 J	1.7 J
UAW08-20	ANILINE	1700		3000	12000
UAW08-20	1,2-DICHLOROBENZENE	230		280 J	530 J
UAW08-20	1,3-DICHLOROBENZENE	3.9 J		7.6 J	7.6 J
UAW08-20	1,4-DICHLOROBENZENE	22		30 J	41
UAW11-10	ANILINE		200	16	77
UAW11-10	CAPROLACTAM	16 J		19 J	19 J
UAW11-10	1,2-DICHLOROBENZENE	8.8 J		8.9 J	20
UAW11-40	CAPROLACTAM		1.8 J	0.99 J	0.99 J
UAW11-40	1,2-DICHLOROBENZENE	0.24 J		0.52 J	0.52 J
UAW12-20	ANILINE		4.6 J	4.3 J	4.3 J
UAW12-20	1,2-DICHLOROBENZENE	310		1100	1900
UAW12-20	1,3-DICHLOROBENZENE	25 J		35 J	46 J
UAW13-20	2-METHYLNAPHTHALENE	5.7 J		6.5 J	8.6 J
UAW15-20	CAPROLACTAM		1.6 J	0.91 J	0.91 J
UAW16-10	ANILINE	1.9 J		4.1 J	9.5 J
UAW16-10	1,3-DICHLOROBENZENE	0.85 J		0.97 J	0.97 J
UAW22-20	ANILINE	1.2 J		1.9 J	2.2 J
UAW25-20	ANILINE		1.9 J	1.3 J	1.3 J
UAW27-50	BIS(2-ETHYLHEXYL) PHTHALATE		1.1 J B	0.59 J B	0.59 J B

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
MMARY OF SELECT 2006 METALS RESULTS EXCEEDING HISTORICAL RAN
ROHM AND HAAS CINCINNATI PLANT

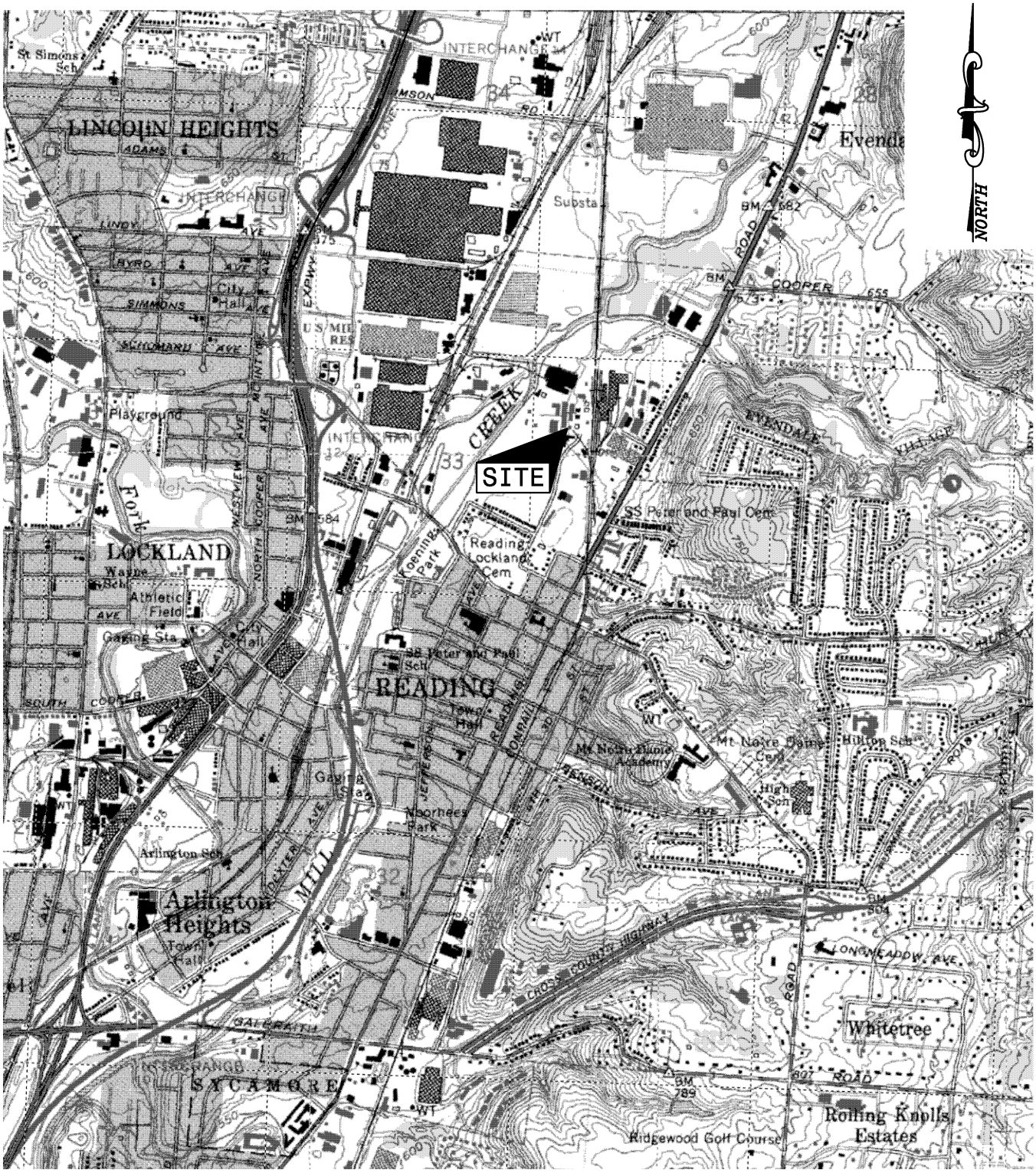
Well Location	Analyte	2006 Concentration (µg/L)		Historical Concentration Range (µg/L)	
		New Min.	New Max.	Min.	Max.
MW-EPA-1	TIN	1310		1340	3390
MW-EPA-2	CHROMIUM	10.7		65.6	1750
MW-EPA-2	LEAD	6.6		27.6	32.4
MW-EPA-2	TIN		89.1 B	9.5 B	11.9 B
MW-EPA-3	CHROMIUM	10.7		22.8	143
UAW01-30	ARSENIC		13.2	5.1 B	13
UAW02-20	TIN	46.8 B		50.1 B	277
UAW03-20	CHROMIUM		12.8	2 B	6.7
UAW03-20	TIN	67.9 B		180	2400
UAW04-20	TIN	283		365	2270
UAW05-20	CHROMIUM		421	2 B	110
UAW06-20	TIN	1440		2010	11100
UAW07-20	CHROMIUM		50.3	1.6 B J	16.1
UAW08-20	LEAD	4.2		15.8	79.2
UAW09-20	CHROMIUM		53.5	4 B	28.2
UAW09-20	TIN	5.4 B		18.5 B	18.5 B
UAW10-50	TIN		20.2 B	7.9 B	7.9 B
UAW10-80	TIN	10.2 B		15.5 B	15.5 B
UAW11-40	CHROMIUM		124	2.3 B	54.6 J
UAW13-20	ARSENIC	27.8		33.4	83.1
UAW15-20	CHROMIUM		53.6	2 B	40.6
UAW15-50	TIN	1830		1950	2400
UAW18-20	TIN		3660	152	2040
UAW21-30	ARSENIC		7 B	3.1 B	5.6 B
UAW21-30	CHROMIUM		7230	1.5 B	670
UAW21-30	LEAD		11.4	2.1 B	4.8
UAW21-30	TIN	6.8 B		19.4 B	19.4 B
UAW21-80	ARSENIC		45.8	24.2	45.5
UAW22-20	TIN	117		203	979
UAW25-20	ARSENIC		57.1	14.3	32.4
UAW27-50	CHROMIUM	2.4 B		4.8 B	5.5

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.

L = Matrix Interference

FIGURES



2000 1000 0 2000

SCALE IN FEET

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

442853.01000
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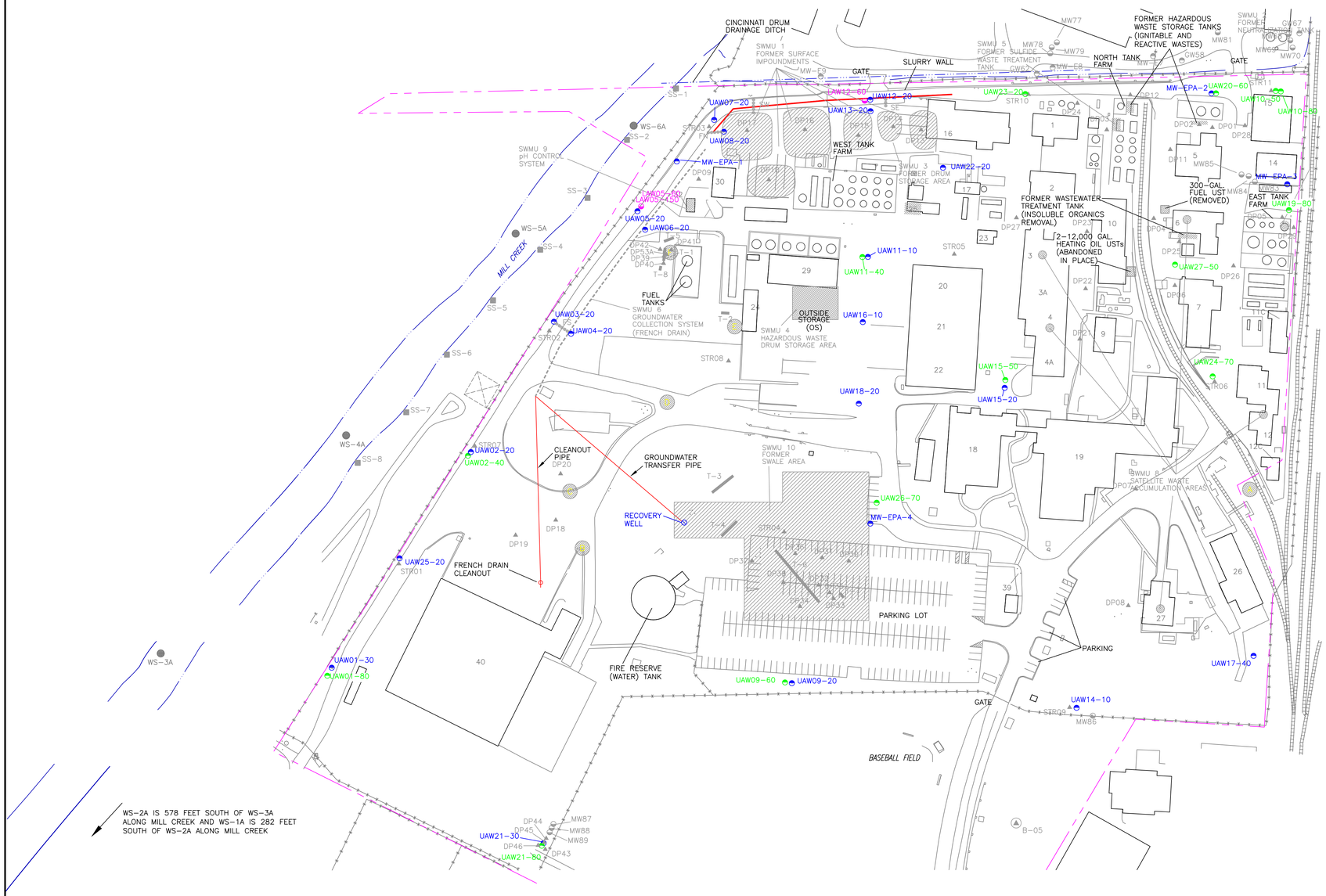
ROHM AND HAAS CHEMICALS LLC
READING, OHIO PLANT

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
<3 = 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.

ROHM AND HAAS CHEMICALS LLC
READING, OHIO PLANT

FIGURE 2

MONITORING WELL LOCATION MAP

PARSONS
2443 CROWNE POINT DRIVE, CINCINNATI, OHIO 45241

442853.01000
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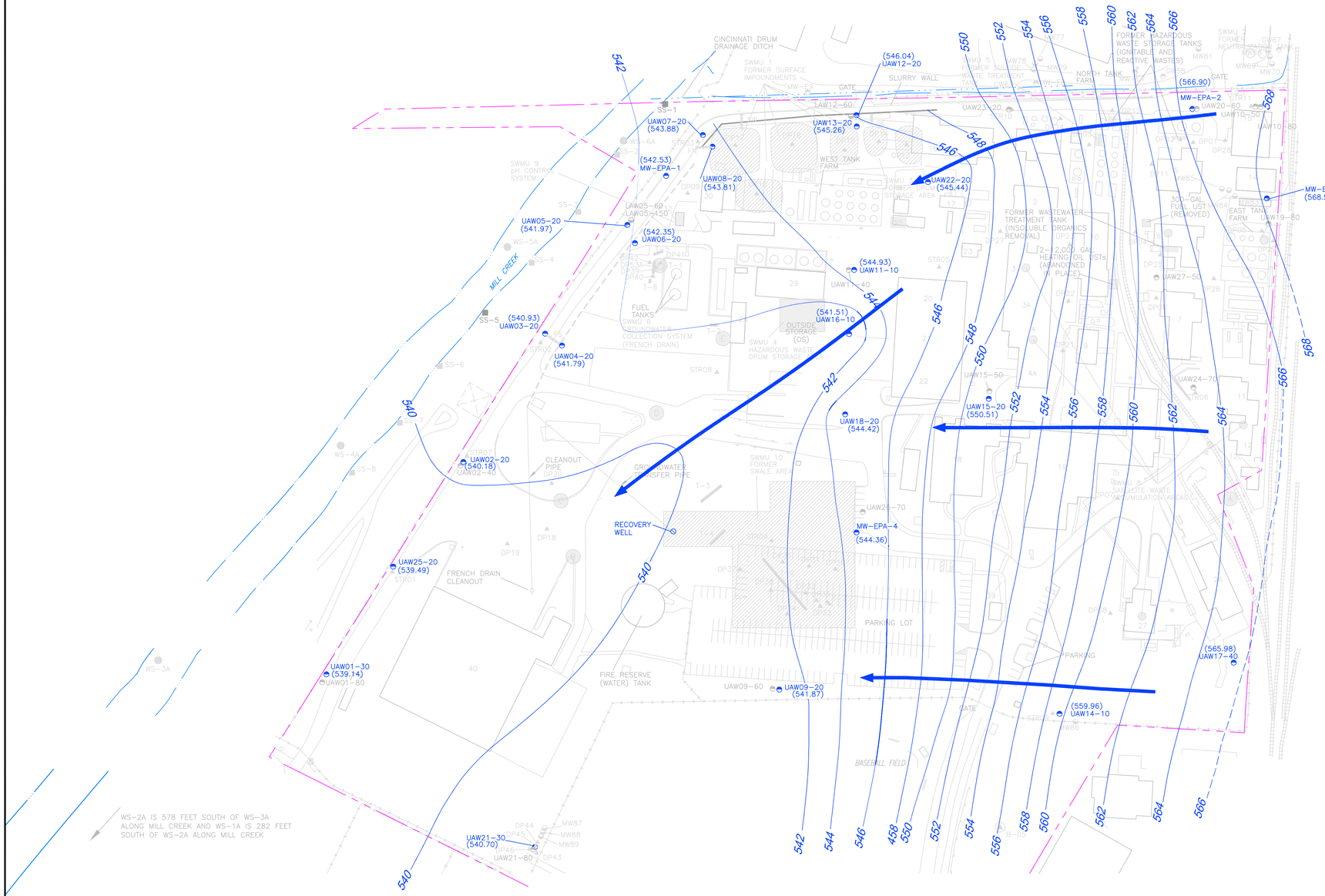

0 80 160
APPROXIMATE SCALE (FEET)

N

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)

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

ROHM AND HAAS 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

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

ROHM AND HAAS CHEMICALS LLC
READING, OHIO PLANT

FIGURE 3a

GROUNDWATER POTENTIOMETRIC SURFACE MAP–SHALLOW UPPER AQUIFER (30 OCTOBER 2006)

PARSONS
2443 CROWNE POINT DRIVE, CINCINNATI, OHIO 45241

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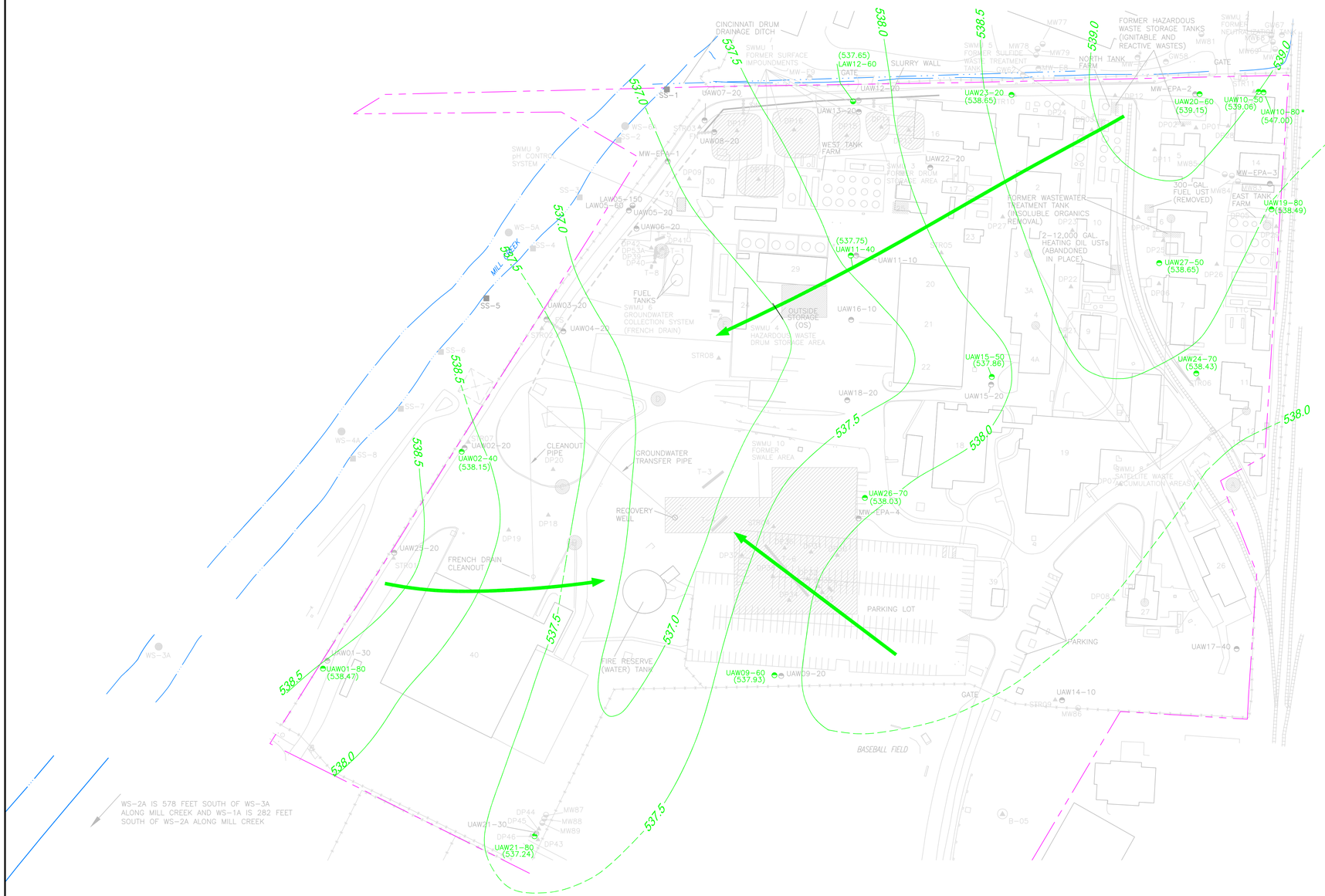

0 80 160
APPROXIMATE SCALE (FEET)

N

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

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

ROHM AND HAAS 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

* UAW10-80 NOT INCLUDED IN CONSTRUCTION OF DEEP UPPER AQUIFER POTENTIOMETRIC SURFACE MAP DUE TO VARIATION OF 2006 WATER LEVEL SURFACE COMPARED TO HISTORICAL WATER LEVEL DATA.

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

ROHM AND HAAS CHEMICALS LLC
READING, OHIO PLANT

FIGURE 3b

GROUNDWATER POTENTIOMETRIC SURFACE MAP–DEEP UPPER AQUIFER (30 OCTOBER 2006)

PARSONS
2443 CROWNE POINT DRIVE, CINCINNATI, OHIO 45241

442853.01000
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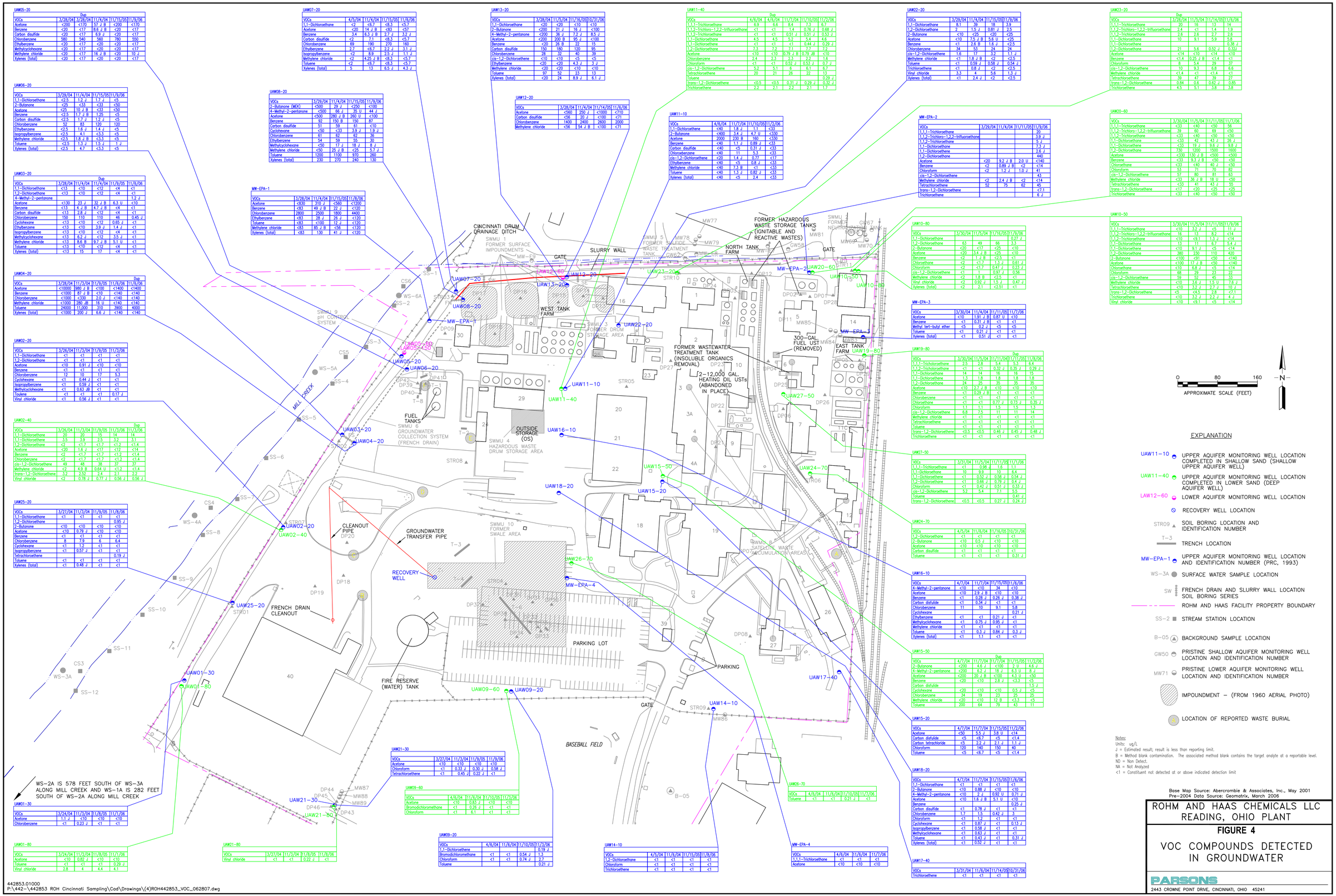


UAW05-20		Dup			
VOCs	3/28/04	3/28/04	11/4/04	11/15/05	11/9/06
Acetone	<200	<170	57 J B	<200	<170
Benzene	<20	<17	8.6 J B	<20	<17
Carbon disulfide	<20	<17	6.9 J	<20	<17
Chlorobenzene	580	540	560	780	550
Ethylbenzene	<20	<17	<20	<20	<17
Methylcyclohexane	<20	<17	<20	<20	<17
Methylene chloride	<20	<17	16 J B	<20	10 J
Xylenes (total)	<20	<17	<20	<20	<17

UAW06-20				
VOCs	3/29/04	11/4/04	11/15/05	11/9/06
1,1-Dichloroethane	<2.5	1.2 J	1.7 J	<5
2-Butanone	<25	<33	<33	<50
Acetone	<25	10 J B	<33	<50
Benzene	<2.5	1.7 J B	1.25	<5
Carbon disulfide	<2.5	1.7 J	1.2 J	<5
Chlorobenzene	52	83	120	120
Ethylbenzene	<2.5	1.6 J	1.4 J	<5
Isopropylbenzene	<2.5	4.1	<3.3	<5
Methylene chloride	<2.5	1.8 J B	<3.3	<5
Toluene	<2.5	1.3 J	1.5 J	1 J
Xylenes (total)	<2.5	4.7	<3.3	<5

UAW03-20		Dup			
VOCs	3/28/04	11/4/04	11/4/04	11/9/05	11/6/06
1,1-Dichloroethane	<13	<10	<12	<4	<1
1,2-Dichloroethane	<13	<10	<12	<4	<1
4-Methyl-2-pentanone					1.2 J
Acetone	<130	23 J	32 J B	6.3 U	<10
Benzene	<13	4 J B	4.7 J B	<4	<1
Carbon disulfide	<13	2.8 J	<12	<4	<1
Chlorobenzene	150	110	110	46	0.45 J
Cyclohexane	<13	<10	<12	0.65 J	<1
Ethylbenzene	<13	<10	3.9 J	1.4 J	<1
Isopropylbenzene	<13	<10	<12	<4	<1
Methylcyclohexane	<13	6.2 J	<12	3.5 J	<1
Methylene chloride	<13	8.6 B	9.7 J B	5.1 U	<1
Toluene	<13	<10	<12	<4	<1
Xylenes (total)	<13	15	17	<4	<1

UAW04-20		Dup			
VOCs	3/28/04	11/3/04	11/9/05	11/6/06	11/6/06
Acetone	<11000	980 J B	<100	<1400	<1400
Benzene	<1000	87 J B	<10	<140	<140
Chlorobenzene	<1000	<330	20 J	<140	<140
Methylene chloride	<1000	280 JB	16 U	<140	<140
Toluene	24000	11,000	310	3900	4000
Xylenes (total)	<1000	200 J	6.6 J	<140	<140

UAW02-20				
VOCs	3/26/04	11/3/04	11/9/05	11/3/06
1,1-Dichloroethane	<1	<1	<1	<1
1,2-Dichloroethane	<1	<1	<1	<1
Acetone	<10	0.91 J	<10	<10
Benzene	<1	<1	<1	<1
Chlorobenzene	12	10	17	5.3
Cyclohexane	<1	0.44 J	<1	<1
Isopropylbenzene	<1	0.59 J	<1	<1
Methylcyclohexane	<1	0.63 JB	<1	<1
Toulene	<1	<1	<1	0.17 J
Vinyl chloride	<1	0.56 J	<1	<1

UAW02-40				Dup	
VOCs	3/26/04	11/3/04	11/9/05	11/3/06	11/3/06
1,1-Dichloroethane	20	20	15	14	14
1,1-Dichloroethene	3.5	3.9	2.5	3.2	3.1
1,2-Dichloroethane	<2	<1.7	<1.7	<1.2	<1.4
Acetone	<20	1.6 J	<17	<12	<14
Benzene	<2	<1.7	<1.7	<1.2	<1.4
Chlorobenzene	<2	<1.7	<1.7	<1.2	<1.4
cis-1,2-Dichloroethene	49	48	38	37	37
Methylene chloride	<2	4.9 B	0.64 U	<1.2	<1.4
trans-1,2-Dichloroethene	3.2	2.52	2.4	2.1	2.2
Vinyl chloride	<2	0.78 J	0.77 J	0.56 J	0.56 J

UAW25-20				
VOCs	3/27/04	11/3/04	11/9/05	11/8/06
1,1-Dichloroethane	<1	<1	<1	<1
1,2-Dichloroethane				0.95 J
2-Butanone	<10	<10	<10	<10
Acetone	<10	0.79 J	<10	<10
Benzene	<1	<1	<1	<1
Chlorobenzene	8	7.9	6	6.4
Cyclohexane	<1	1.2	<1	<1
Isopropylbenzene	<1	0.57 J	<1	<1
Tetrachloroethene				0.19 J
Toluene	<1	<1	<1	<1
Xylenes (total)	<1	0.48 J	<1	<1

UAW07-20				
VOCs	4/5/04	11/4/04	11/15/05	11/6/06
1,1-Dichloroethane	<2	<6.7	<8.3	<5.7
Acetone	<20	14 J B	<83	<57
Benzene	3.4	6.3 J B	2.7 J	3.2 J
Carbon disulfide	<2	7.1	<8.3	<5.7
Chlorobenzene	69	190	270	160
Ethylbenzene	2.7	<6.7	2.2 J	3.1 J
Isopropylbenzene	<2	8.9	2.5 J	1.1 J
Methylene chloride	<2	4.25 J B	<8.3	<5.7
Toluene	<2	<6.7	<8.3	<5.7
Xylenes (total)	5	13	6.5 J	4.3 J

UAW08-20				
VOCs	3/29/04	11/4/04	11/15/05	11/9/06
2-Butanone (MEK)	<500	29 J	<250	<100
4-Methyl-2-pentanone	<500	66 J	35 U	44 J
Acetone	<500	280 J B	260 U	<100
Benzene	92	150 B	150	87
Carbon disulfide	51	59	61	<10
Cyclohexane	<50	<33	3.9 J	1.9 J
Chlorobenzene	61	62	62	36
Ethylbenzene	54	59	55	30
Methylcyclohexane	<50	17 J	18 J	8 J
Methylene chloride	<50	25 J B	<25	5.7 J
Toluene	1200	1100	970	260
Xylenes (total)	230	270	240	130

MW-EPA-1				
VOCs	3/28/04	11/4/04	11/15/05	11/8/06
Acetone	<830	310 J	<560	<1200
Benzene	<83	49 J B	22 J	<120
Chlorobenzene	2800	2500	1800	4400
Ethylbenzene	<83	28 J	26 J	<120
Toluene	<83	<100	12 J	<120
Methylene chloride	<83	85 J B	<56	<120
Xylenes (total)	<83	130	41 J	<120

UAW13-20				
VOCs	3/28/04	11/5/04	11/16/05	10/31/06
1,1-Dichloroethane	<20	<20	<10	<10
2-Butanone	<200	21 J	16 J	<100
4-Methyl-2-pentanone	<200	36 J	7.2 J	8.5 J
Acetone	<200	200 B	95 J	<100
Benzene	<20	26 B	22	15
Carbon disulfide	150	180	120	95
Chlorobenzene	28	32	40	39
cis-1,2-Dichloroethene	<10	<10	<5	<5
Toluene	<20	<20	4.3 J	2 J
Methylene chloride	<20	<20	<10	<10
Toluene	97	52	23	13
Xylenes (total)	<20	24	8.9 J	6.1 J

UAW12-20				
VOCs	3/28/04	11/4/04	11/14/05	11/6/06
Acetone	<560	250 J	<1000	<710
Carbon disulfide	<56	20 J	<100	<71
Chlorobenzene	1400	2400	2600	2000
Methylene chloride	<56	54 J B	<100	<71

UAW11-40		Dup			
VOCs	4/6/04	4/6/04	11/7/04	11/10/05	11/2/06
1,1,1-Trichloroethane	6.8	5.6	8.4	7.3	6.7
1,1,2-Trichloro-1,2,2-trifluoroethane	<1	<1	1.4	0.76 J	0.68 J
1,1,2-Trichloroethane	<1	<1	0.51 J	0.51 J	0.53 J
1,1-Dichloroethane	4.5	4.5	5.2	5.4	4.6
1,1-Dichloroethene	<1	<1	<1	0.44 J	0.29 J
1,2-Dichloroethane	7.3	7.2	7.1	7.7	7.3
Acetone	<10	<10	0.79 J B	0.79 JB	<10
Chlorobenzene	2.4	2.3	2.3	2.2	1.6
Chloroform	<1	<1	0.52 J	0.53 J	0.7 J
cis-1,2-Dichloroethene	5.2	5.1	6	6.1	6.7
Tetrachloroethene	20	21	26	22	13
Toluene					0.29 J
trans-1,2-Dichloroethene	<0.5	<0.5	0.31 J	0.29 J	0.32 J
Trichloroethene	2.2	2.1	2.2	2.1	1.7

UAW11-10				
VOCs	4/6/04	11/7/04	11/10/05	11/2/06
1,1-Dichloroethane	<40	1.8 J	1.1 J	<33
2-Butanone	<400	3.4 J	4.7 U	<330
Acetone	2000	230 B	160	<330
Benzene	<40	1.1 J	0.89 J	<33
Carbon disulfide	<40	<5	0.31 J	<33
Chlorobenzene	<40	11	5.3	<33
cis-1,2-Dichloroethene	<20	1.4 J	0.77	<17
Ethylbenzene	<40	<5	0.8 J	<33
Methylene chloride	<40	7.3 B	<1	<33
Toluene	<40	1.3 J	0.82 J	<33
Xylenes (total)	<40	<5	2.4	<33

UAW22-20					
VOCs	3/29/04	11/4/04	11/15/05	11/9/06	
1,1-Dichloroethane	8.1	19	18	19	
1,2-Dichloroethane	2	1.5 J	0.81 J	2.5	
2-Butanone	<10	<25	<20	<25	
Acetone	<10	7.5 J B	5.6 U	<25	
Benzene	<1	2.6 B	1.6 J	<2.5	
Chlorobenzene	34	53	24	24	
cis-1,2-Dichloroethene	1.6	17	3.2	1.1 J	
Methylene chloride	<1	1.8 J B	<2	<2.5	
Toluene	<1	0.59 J	0.58 J	0.54 J	
Trichloroethene	<1	0.8 J	<2	<2.5	
Vinyl chloride	3.3	4	5.6	1.3 J	
Xylenes (total)	<1	2.4 J	<2	<2.5	

UAW23-20		Dup			
VOCs	3/28/04	11/5/04	11/14/05	11/6/06	
1,1,1-Trichloroethane	8.1	16	13	14	
1,1,2-Trichloro-1,2,2-trifluoroethane	2.4	<1	1.4	1.9	
1,1,2-Trichloroethane	2.6	2.6	2.7	2.6	
1,1-Dichloroethane	10	9.1	5.9	5.8	
1,1-Dichloroethene				0.38 J	
1,2-Dichloroethane	21	5.6	0.52 J	0.32	
Acetone	<14	<10	<14	<10	
Benzene	<1.4	0.25 J B	<1.4	<1	
Chloroform	8	5.4	29	37	
cis-1,2-Dichloroethene	10	9.3	6.8	6.6	
Methylene chloride	<1.4	<1	<1.4	<1	
Tetrachloroethene	39	47	29	29	
trans-1,2-Dichloroethene	0.84	0.6	0.62 J	0.85	
Trichloroethene	4.5	5.1	3.8	3.8	

MW-EPA-2				
VOCs	3/29/04	11/4/04	11/11/05	11/9/06
1,1,1-Trichloroethane				0.5 J
1,1,2-Trichloro-1,2,2-trifluoroethane				3.9 J
1,1,2-Trichloroethane				5 J
1,1-Dichloroethane				7.3 J
1,1-Dichloroethene				2.6 J
1,2-Dichloroethane				440
Acetone	<20	9.2 J B	2.0 U	<140
Benzene	<2	0.89 J B	<2	<14
Chloroform	<2	1.2 J	1.0 J	41
cis-1,2-Dichloroethene				43
Methylene chloride	<2	2.4 J B	<2	<14
Tetrachloroethene	52	75	62	45
trans-1,2-Dichloroethene				<7.1
Trichloroethene				6 J

UAW20-60					
VOCs	3/30/04	11/5/04	11/11/05	11/7/06	
1,1,1-Trichloroethane	<33	<40	<50	<50	
1,1,2-Trichloro-1,2,2-trifluoroethane	39	60	69	<50	
1,1,2-Trichloroethane	<33	<40	<50	<50	
1,1-Dichloroethane	<33	42	43 J	26 J	
1,1-Dichloroethene	<33	19 J	9.6 J	9.8 J	
1,2-Dichloroethane	730	1200	1500	1600	
Acetone	<330	130 J B	<500	<500	
Benzene	<33	9.3 J B	<50	<50	
Chloroethane	<33	<40	40 J	<50	
Chloroform	53	71	70	82	
cis-1,2-Dichloroethene	57	80	81	63	
Methylene chloride	<33	36 J B	18 U	<50	
Tetrachloroethene	<33	41	43 J	55	
trans-1,2-Dichloroethene	<17	<20	<25	<25	
Trichloroethene	<33	<40	<50	<50	

UAW10-80				
VOCs	3/30/04	11/5/04	11/15/05	11/9/06
1,1-Dichloroethane				0.27 J
1,2-Dichloroethane	63	49	66	3.3
2-Butanone	<20	<17	<25	<10
Acetone	<20	3.4 J B	<25	<10
Benzene	<2	1.3 J B	<2.5	<1
Chloroethane	<2	<1.7	1.3 J	0.61 J
Chloroform	<2	<1.7	0.47 J	0.33 J
cis-1,2-Dichloroethene	<1	1	0.97 J	0.56
Methylene chloride	<2	1.8 B	<2.5	<1
Vinyl chloride	<2	0.92 J	1.1 J	0.47 J
Xylenes (total)	<2	2.1	<2.51	<1

UAW10-50				
VOCs	3/30/04	11/5/04	11/11/05	11/9/06
1,1,1-Trichloroethane	<10	3.2 J	<5	11 J
1,1,2-Trichloro-1,2,2-trifluoroethane	16	13	8.2	<14
1,1,2-Trichloroethane	<10	<9.1	1.3 J	<14
1,1-Dichloroethane	13	11	6.7	5.4 J
1,1-Dichloroethene	<10	9.1 J	<5	<14
1,2-Dichloroethane	380	230	110	420
2-Butanone	<100	<91	<50	<140
Acetone	<100	17 J B	<50	<140
Chloroethane	<10	6.8 J	<5	<14
Chloroform	68	29	23	22
cis-1,2-Dichloroethene	59	52	45	33
Methylene chloride	<10	3.6 J	1.5 U	7.6 J
Tetrachloroethene	<10	3.2 J	2.7	10 J
trans-1,2-Dichloroethene	<5	<4.5	2.8	<7.1
Trichloroethene	<10	3.2 J	2.2 J	4 J
Vinyl chloride	<10	<9.1	<5	<14

MW-EPA-3				
VOCs	3/30/04	11/4/04	11/11/05	11/7/06
Acetone	<10	1.91 J B	0.87 U	<10
Benzene	<1	0.31 J B	<1	<1
Methyl tert-butyl ether	<5	0.2 J	<5	<5
Toluene	<1	0.21 J	<1	<1
Xylenes (total)	<1	0.51 J	<1	<1

UAW19-80			Dup		
VOCs	3/30/04	11/5/04	11/11/04	11/11/05	11/8/06
1,1,1-Tricholoroethane	2.5	2.8	5.4	5.3	6.4
1,1,2-Trichloroethane	<1	<1	0.32 J	0.35 J	0.29 J
1,1-Dichloroethane	14	14	16	16	15
1,1-Dichloroethene	1.3	1.8	1.8	1.6	1.6
1,2-Dichloroethane	24	25	35	35	35
Acetone	<10	2.7 J B	<10	<10	<10
Benzene	<1	0.29 J B	<1	<1	<1
Chlorobenzene	<1	<1	<1	<1	<1
Chloroethane	<1	<1	0.77 J	0.73 J	0.35 J
Chloroform	1.1	1.1	1.5	1.5	1.3
cis-1,2-Dichloroethene	6.8	7.5	11	11	14
Methylene chloride	<1	<1	<1	<1	<1
Tetrachloroethene	<1	<1	<1	<1	<1
Toluene	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	<0.5	<0.5	0.46 J	0.45 J	0.48 J
Trichloroethene	<1	<1	<1	<1	<1

UAW27-50				
VOCs	3/31/04	11/5/04	11/11/05	11/7/06
1,1,1-Trichloroethane	<1	0.98 J	1.6	1.1
1,1-Dichloroethane	10	9.9	10	6.4
1,1-Dichloroethene	<1	0.52 J	0.58 J	0.54 J
1,2-Dichloroethane	<1	0.66 J	0.79 J	0.4 J
Chloroform	<1	0.42 J	0.51 J	0.33 J
cis-1,2-Dichloroethene	5.2	5.4	7.1	5.5
Toluene				0.41 J
trans-1,2-Dichloroethene	<0.5	<0.5	0.27 J	0.24 J

UAW24-70				
VOCs	4/5/04	11/6/04	11/16/05	10/31/06
1,2-Dichloroethane	<1	<1	<1	<1
2-Butanone	<10	0.5 J	<10	<10
Acetone	<10	<10	<10	<10
Carbon disulfide	<1	<1	<1	<1
Toluene	<1	<1	<1	0.31 J

UAW16-10				
VOCs	4/7/04	11/7/04	11/15/05	11/6/06
4-Methyl-2-pentanone	<10	<10	34	<10
Acetone	<10	2.9 J B	<10	<10
Benzene	<1	0.28 J	0.26 J	0.38 J
Carbon disfulide	<1	0.34 J	<1	<1
Chlorobenzene	11	10	9.1	5.8
Cyclohexane				0.21 J
Ethylbenzene	<1	<1	0.21 J	<1
Methylcyclohexane	<1	0.75 J	0.95 J	<1
Methylene chloride	<1	<1	<1	<1
Toluene	<1	0.3 J	0.84 J	0.3 J
Xylenes (total)	<1	1.1	<1	<1

UAW15-50			Dup		
VOCs	4/7/04	11/7/04	11/7/04	11/15/05	11/2/06
2-Butanone	<200	4.6 J	<100	2 U	4.6 J
4-Methyl-2-pentanone	<200	6.2 J	18 J	6.3 U	8 J
Acetone	<200	20 J B	<100	4.3 U	<50
Benzene	<20	<10	2.8 J	<3.3	<5
Carbon disfulide					1.5 J
Cyclohexane	<20	<10	<10	0.5 J	<5
Chlorobenzene	34	19	23	25	25
Methylene chloride	<20	<10	12 B	<3.3	<5
Toluene	200	84	79	43	11

UAW15-20				
VOCs	4/7/04	11/7/04	11/15/05	11/2/06
Acetone	<50	5.5 J	3.8 U	<14
Carbon disfulide	<5	<6.7	<5	<1.4
Carbon tetrachloride	<5	2.2 J	2.1 J	1.1 J
Chloroform	120	140	150	40
Toluene	<5	<6.7	<5	<1.4

UAW18-20				
VOCs	4/7/04	11/7/04	11/15/05	11/6/06
1,1-Dichloroethane	<1	<1	<1	<1
2-Butanone	<10	0.88 J	<10	<10
4-Methyl-2-pentanone	<10	2 J	0.92 U	0.71 J
Acetone	<10	1.6 J B	5.1 U	<10
Benzene				0.25 J
Carbon disulfide	<1	0.78 J	<1	<1
Chlorobenzene	1.7	1.5	0.42 J	3
Chloroform	<1	1.2	<1	<1
Cyclohexane	<1	0.87 J	<1	0.13 J
Isopropylbenzene	<1	0.58 J	<1	<1
Methylcyclohexane	<1	0.63 J	<1	<1
Toluene	<1	0.43 J	<1	0.31 J
Xylenes (total)	<1	0.52 J	<1	<1

UAW17-40				
VOCs	3/31/04	11/6/04	11/14/05	10/31/06
Trichloroethene	<1	<1	<1	<1

UAW21-30				
VOCs	3/27/04	11/3/04	11/9/05	11/9/06
Acetone	<10	<10	<10	<10
Chloroform	<1	0.33 J	0.30 J	0.58 J
Tetrachloroethene	<1	0.45 J	0.22 J	<1

UAW09-60				
VOCs	4/6/04	11/6/04	11/10/05	11/3/06
Acetone	<10	0.83 J	<10	<10
Bromodichloromethane	<1	0.26 J	<1	<1
Chloroform	<1	6.1	<1	<1

UAW09-20				
VOCs	4/6/04	11/6/04	11/10/05	11/3/06
1,1-Dichloroethene				0.19 J
Bromodichloromethane	<1	<1	0.54 J	1.3
Chloroform	<1	<1	0.74 J	2.7
Toluene				0.21 J

UAW14-10				
VOCs	4/5/04	11/6/04	11/15/05	11/8/06
1,2-Dichloroethane	<1	<1	<1	<1
Chloroform	<1	<1	<1	<1
Trichloroethene	<1	<1	<1	<1

UAW26-70				
VOCs	4/6/04	11/6/04	11/10/05	11/7/06
Toluene	<1	<1	0.21 J	<1

MW-EPA-4			
VOCs	4/6/04	11/6/04	11/7/06
1,1,1-Trichloroethane	<1	<1	<1
Acetone	<10	<10	<10

UAW01-30				
VOCs	3/24/04	11/3/04	11/8/05	11/1/06
Acetone	1.1 J	<10	<10	<10
Chlorobenzene	<1	0.23 J	<1	<1

UAW01-80				
VOCs	3/24/04	11/2/04	11/8/05	11/1/06
Acetone	<10	0.82 J	<10	<10
Toluene	<1	<1	<1	0.29 J
Vinyl chloride	2.8	4	4.4	4.1

UAW21-80					
VOCs	3/27/04	11/3/04	11/8/05	11/8/06	
Vinyl chloride	<1	<1	0.22 J	<1	

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
- ROHM AND HAAS 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
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.
ND = Non Detect.
NA = Not Analyzed
<1 = Constituent not detected at or above indicated detection limit

Base Map Source: Abercrombie & Associates, Inc., May 2001
Pre-2004 Data Source: Geomatrix, March 2006

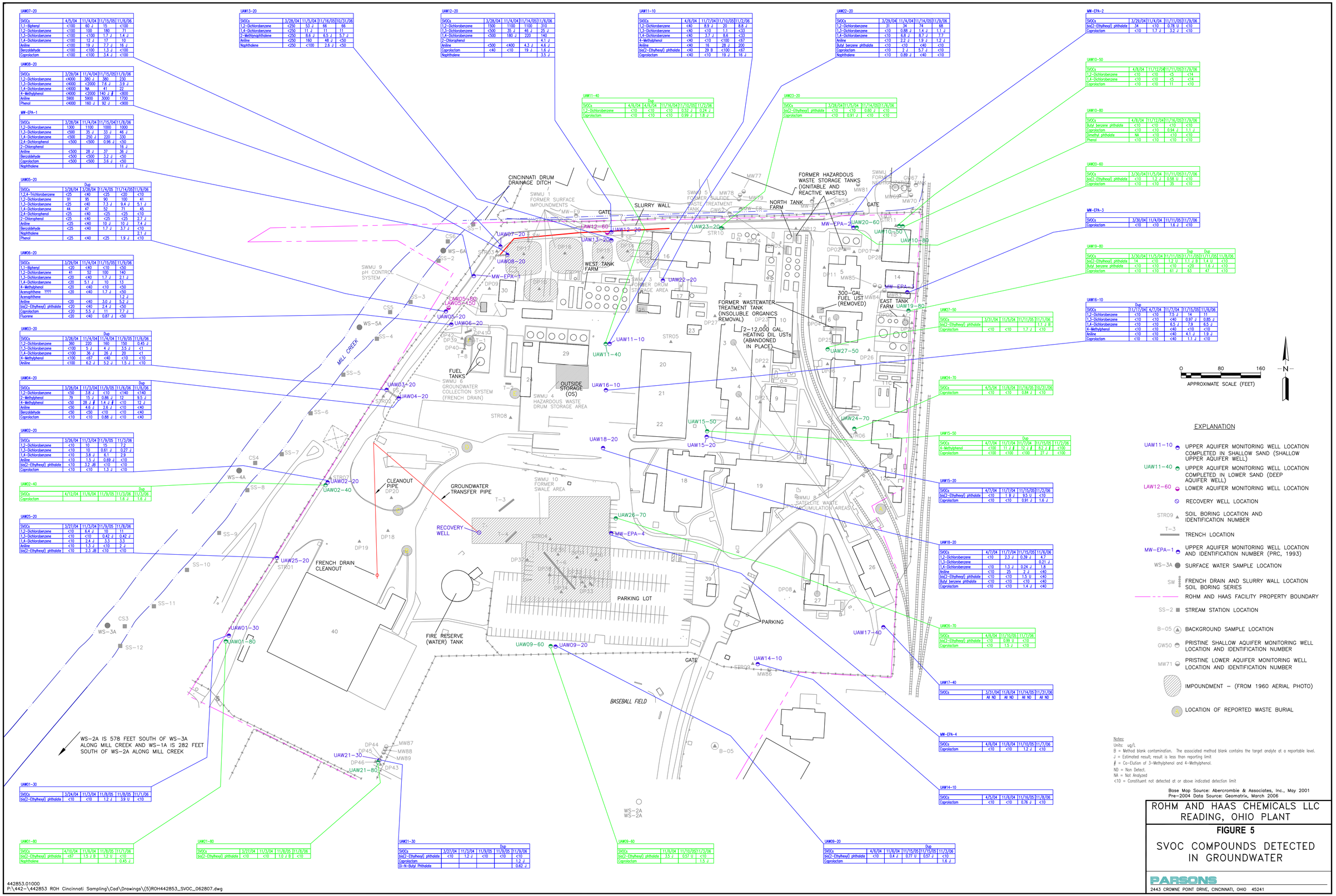
ROHM AND HAAS CHEMICALS LLC
READING, OHIO PLANT

FIGURE 4

VOC COMPOUNDS DETECTED IN GROUNDWATER

PARSONS
2443 CROWNE POINT DRIVE, CINCINNATI, OHIO 45241

442853.01000
P:\442-\442853 ROH Cincinnati Sampling\Cad\Drawings\(4)ROH442853_VOC_062807.dwg



UAW07-20

SVOCs	4/5/04	11/4/04	11/15/05	11/6/06
1,1-Biphenyl	<100	60 J	15	<100
1,2-Dichlorobenzene	<100	100	180	71
1,3-Dichlorobenzene	<100	<100	1.7 J	1.4 J
1,4-Dichlorobenzene	<100	12 J	17	10
Aniline	<100	19 J	7.7 J	16 J
Benzaldehyde	<100	<100	1.3 J	<100
Caprolactam	<100	<100	3.4 J	<100

UAW08-20

SVOCs	3/29/04	11/4/04	11/15/05	11/9/06
1,2-Dichlorobenzene	<4000	380 J	380	230
1,3-Dichlorobenzene	<4000	<2000	7.6 J	3.9 J
1,4-Dichlorobenzene	<4000	NA	41	22
4-Methylphenol	<4000	<2000	140 J #	<800
Aniline	5900	5900	3000	1700
Phenol	<4000	160 J	92 J	<900

MW-EPA-1

SVOCs	3/28/04	11/4/04	11/15/04	11/8/06
1,2-Dichlorobenzene	1300	1100	1000	1000
1,3-Dichlorobenzene	<500	35 J	33 J	46 J
1,4-Dichlorobenzene	<500	250 J	220	330
2,4-Dichlorophenol	<500	<500	0.96 J	<50
2-Chlorophenol				16 J
Aniline	<500	28 J	37	36 J
Benzaldehyde	<500	<500	3.2 J	<50
Caprolactam	<500	<500	3.6 J	<50
Naphthalene				11 J

UAW05-20

SVOCs	3/28/04	Dup 3/28/04	11/4/05	11/14/05	11/9/06
1,2,4-Trichlorobenzene	<25	<40	<25	<20	<10
1,2-Dichlorobenzene	91	95	90	100	41
1,3-Dichlorobenzene	<25	<40	7.3 J	9.4 J	5.1 J
1,4-Dichlorobenzene	44	47	52	71	45
2,4-Dichlorophenol	<25	<40	<25	<25	<10
2-Chlorophenol	<25	<40	<25	<25	2.7 J
Aniline	<25	<40	10 J	10 J	7.4 J
Benzaldehyde	<25	<40	1.7 J	3.7 J	<10
Naphthalene					2.1 J
Phenol	<25	<40	<25	1.9 J	<10

UAW06-20

SVOCs	3/29/04	11/4/04	11/15/05	11/9/06
1,1-Biphenyl	<20	<40	<10	<50
1,2-Dichlorobenzene	41	52	100	140
1,3-Dichlorobenzene	<20	<40	1.7 J	2.1 J
1,4-Dichlorobenzene	<20	5.1 J	10	13
4-Methylphenol	<20	<40	<10	<50
Acenaphthene ????	<20	<40	1.7 J	<50
Acenaphthene				1.2 J
Aniline	<20	<40	3.0 J	5.2 J
bis(2-Ethylhexyl) phthalate	<20	<40	2.4 J	<50
Caprolactam	<20	5.5 J	11	7.7 J
Fluorene	<20	<40	0.87 J	<50

UAW03-20

SVOCs	3/28/04	11/4/04	Dup 11/4/04	11/9/05	11/6/06
1,2-Dichlorobenzene	360	220	160	150	0.45 J
1,3-Dichlorobenzene	<100	5 J	4 J	3.5 J	<1
1,4-Dichlorobenzene	<100	36 J	26 J	20	<1
4-Methylphenol	<100	<87	<40	<40	<10
Aniline	<100	6.2 J	5.2 J	1.5 J	<10

UAW04-20

SVOCs	3/28/04	11/3/04	11/9/05	11/6/06	Dup 11/6/06
1,2-Dichlorobenzene	<50	3.8 J	<10	<140	<140
2-Methylphenol	79	15 J	0.86 J	12	9.5 J
4-Methylphenol	<50	28 J #	1.4 J #	<10	12 J
Aniline	<50	4.6 J	2.6 J	<10	<40
Benzaldehyde	<50	<50	<10	<10	<40
Caprolactam	<10	<10	0.88 J	<10	<40

UAW02-20

SVOCs	3/26/04	11/3/04	11/9/05	11/3/06
1,2-Dichlorobenzene	<10	10	15	7.2
1,3-Dichlorobenzene	<10	10	0.61 J	0.27 J
1,4-Dichlorobenzene	<10	3.8 J	6.1	2.9
Aniline	<10	1.5 J	0.69 J	<10
bis(2-Ethylhexyl) phthalate	<10	3.2 JB	<10	<10
Caprolactam	<10	<10	1.3 J	<10

UAW02-40

SVOCs	4/12/04	11/6/04	11/9/05	11/3/06	Dup 11/3/06
Caprolactam				1.6 J	1.6 J

UAW25-20

SVOCs	3/27/04	11/3/04	11/9/05	11/8/06
1,2-Dichlorobenzene	<10	6.4 J	10	11
1,3-Dichlorobenzene	<10	<10	0.42 J	0.42 J
1,4-Dichlorobenzene	<10	2.4 J	3.3	3.3
Aniline	<10	1.3 J	<10	2 J
bis(2-Ethylhexyl) phthalate	<10	2.3 JB	<10	<10

UAW01-30

SVOCs	3/24/04	11/3/04	11/8/05	11/8/05	11/7/06
bis(2-Ethylhexyl) phthalate	<10	<10	1.2 J	3.9 U	<10

UAW01-80

SVOCs	4/10/04	11/6/04	11/8/05	11/7/06
bis(2-Ethylhexyl) phthalate	<87	1.5 J B	1.2 U	<10
Naphthalene				0.45 J

UAW21-80

SVOCs	3/27/04	11/3/04	11/8/05	11/8/06
bis(2-Ethylhexyl) phthalate	<10	<10	1.0 J B	<10

UAW21-30

SVOCs	3/27/04	11/3/04	11/9/05	Dup 11/9/05	11/9/06
bis(2-Ethylhexyl) phthalate	<10	1.2 J	<10	<10	<10
Caprolactam					1.2 J
Di-N-Butyl Phthalate					0.62 J

UAW09-60

SVOCs	11/6/04	11/10/05
bis(2-Ethylhexyl) phthalate	33 J	0.57 U
Caprolactam		1.5 J

UAW09-20

SVOCs	4/6/04	11/6/04	11/15/05	Dup 11/15/05	11/3/06
bis(2-Ethylhexyl) phthalate	<10	0.4 J	0.77 U	0.57 J	<10
Caprolactam					1.6 J

UAW13-20

SVOCs	3/28/04	11/5/04	11/16/05	10/31/06
1,2-Dichlorobenzene	<250	53 J	66	66
1,4-Dichlorobenzene	<250	11 J	11	11
2-Methylnaphthalene	<250	8.6 J	6.5 J	5.7 J
Aniline	<250	160	48 J	<50
Naphthalene	<250	<100	2.6 J	<50

UAW12-20

SVOCs	3/28/04	11/4/04	11/14/05	11/6/06
1,2-Dichlorobenzene	1500	1100	1100	310
1,3-Dichlorobenzene	<500	35 J	46 J	25 J
1,4-Dichlorobenzene	<500	180 J	220	140
2-Chlorophenol				4.1 J
Aniline	<500	<400	4.3 J	4.6 J
Caprolactam	<40	<10	19 J	1.6 J
Naphthalene				3.5 J

UAW11-40

SVOCs	4/6/04	Dup 4/6/04	11/16/04	11/10/05	11/3/06
1,2-Dichlorobenzene	<10	<10	<10	0.52 J	0.24 J
Caprolactam	<10	<10	<10	0.99 J	1.8 J

UAW11-10

SVOCs	4/6/04	11/7/04	11/10/05	11/2/06
1,2-Dichlorobenzene	<40	8.9 J	20	8.8 J
1,3-Dichlorobenzene	<40	<10	1.1	<33
1,4-Dichlorobenzene	<40	3.7 J	8.6	<33
4-Methylphenol	<40	<10	<100	<67
Aniline	<40	16	28 J	200
bis(2-Ethylhexyl) phthalate	<40	29 B	<100	<67
Caprolactam	<40	<10	19 J	16 J

UAW22-20

SVOCs	3/29/04	11/4/04	11/14/05	11/9/06
1,2-Dichlorobenzene	31	34	74	68
1,3-Dichlorobenzene	<10	0.88 J	1.4 J	1.1 J
1,4-Dichlorobenzene	<10	6.8 J	8.7 J	7.7
Aniline	<10	2.2 J	1.9 J	3.2 J
Butyl benzene phthalate	<10	<10	<40	<10
Caprolactam	<10	2 J	5.7 J	<10
Naphthalene	<10	0.89 J	<40	<10

UAW23-20

SVOCs	3/28/04	11/5/04	11/14/05	11/6/06
bis(2-Ethylhexyl) phthalate	<10	<10	0.60 J	<10
Caprolactam	<10	0.91 J	<10	<10

MW-EPA-2

SVOCs	3/29/04	11/4/04	11/11/05	11/9/06
bis(2-Ethylhexyl) phthalate	34	<10	0.78 U	<10
Caprolactam	<10	1.7 J	3.2 J	<10

UAW10-50

SVOCs	4/8/04	11/12/04	11/11/05	11/9/06
1,2-Dichlorobenzene	<10	<10	<5	<14
1,4-Dichlorobenzene	<10	<10	<5	<14
Caprolactam	<10	<10	11	<10

UAW10-80

SVOCs	4/8/04	11/12/04	11/16/05	11/9/06
Butyl benzene phthalate	<10	<10	<10	<10
Caprolactam	<10	<10	0.94 J	1.1 J
Dimethyl phthalate	NA	<10	<10	<10
Phenol	<10	<10	<10	<10

UAW20-60

SVOCs	3/30/04	11/5/04	11/11/05	11/7/06
bis(2-Ethylhexyl) phthalate	<10	1.2 J	0.56 U	<10
Caprolactam	<10	<10	35	<10

MW-EPA-3

SVOCs	3/30/04	11/4/04	11/11/05	11/7/06
Caprolactam	<10	<10	1.6 J	<10

UAW19-80

SVOCs	3/30/04	11/5/04	11/11/05	Dup 11/11/05	Dup 11/11/05	11/8/06
bis(2-Ethylhexyl) phthalate	14	<10	1.2 U	1.1 J B	1.4 U	<10
Butyl benzene phthalate	<10	<10	<10	<20	1.6 J	<10
Caprolactam	<10	<10	61 J	63	47	<10

UAW16-10

SVOCs	11/17/04	4/7/04	11/7/04	11/15/05	Dup 11/15/05	11/6/06
1,2-Dichlorobenzene	<10	<10	7.5 J	14	11	
1,3-Dichlorobenzene	<10	<10	<40	0.97 J	0.85 J	
1,4-Dichlorobenzene	<10	<10	6.5 J	7.9	6.5 J	
4-Methylphenol	<10	<10	<40	<10	<10	
Aniline	<10	<10	<40	4.1 J	1.9 J	
Caprolactam	<10	<10	<40	1.1 J	<10	

UAW27-50

SVOCs	3/31/04	11/5/04	11/11/05	11/7/06
bis(2-Ethylhexyl) phthalate				1.1 J B
Caprolactam	<10	<10	1.7 J	<10

UAW24-70

SVOCs	4/5/04	11/6/04	11/16/05	10/31/06
Caprolactam	<10	<10	0.84 J	<10

UAW15-50

SVOCs	4/7/04	11/7/04	Dup 11/7/04	11/15/05	11/2/06
4-Methylphenol	<100	11 J #	12 J #	8.2 J #	<100
Caprolactam	<100	<100	<100	27 J	<100

UAW15-20

SVOCs	4/7/04	11/7/04	11/15/05	11/6/06
bis(2-Ethylhexyl) phthalate	<10	1.8 J	9.5 U	<10
Caprolactam	<10	<10	0.91 J	1.6 J

UAW18-20

SVOCs	4/7/04	11/7/04	11/15/05	11/6/06
1,2-Dichlorobenzene	<10	2.3 J	0.39 J	4.7
1,3-Dichlorobenzene				0.21 J
1,4-Dichlorobenzene	<10	1.3 J	0.24 J	1.8
Aniline	<10	25	2 J	<40
bis(2-Ethylhexyl) phthalate	<10	<10	1.5 U	<40
Butyl benzene phthalate	<10	<10	<10	<40
Caprolactam	<10	<10	1.4 J	<40

UAW26-70

SVOCs	4/6/04	11/10/05	11/7/06
bis(2-Ethylhexyl) phthalate	<10	0.99 U	<10
Caprolactam	<10	1.5 J	<10

UAW17-40

SVOCs	3/31/04	11/8/04	11/14/05	11/31/06
	All ND	All ND	All ND	All ND

MW-EPA-4

SVOCs	4/6/04	11/6/04	11/10/05	11/7/06
Caprolactam	<10	<10	1.2 J	<10

UAW14-10

SVOCs	4/5/04	11/6/04	11/16/05	11/6/06
Caprolactam	<10	<10	0.78 J	<10

Notes:
Units: ug/L
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.
ND = Non Detect.
NA = Not Analyzed
<10 = Constituent not detected at or above indicated detection limit

Base Map Source: Abercrombie & Associates, Inc., May 2001
Pre-2004 Data Source: Geomatrix, March 2006

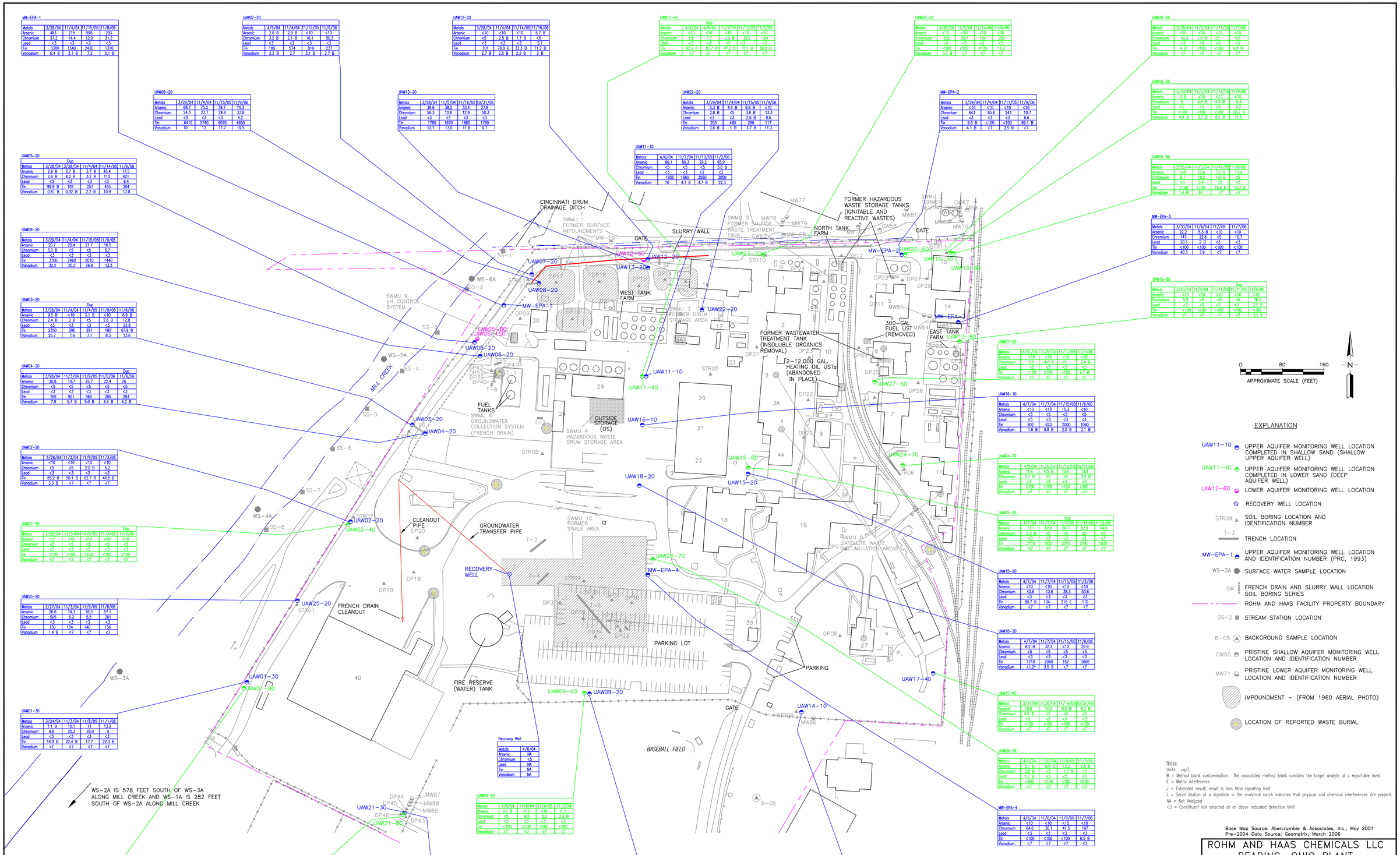
ROHM AND HAAS CHEMICALS LLC
READING, OHIO PLANT

FIGURE 5

SVOC COMPOUNDS DETECTED IN GROUNDWATER

PARSONS
2443 CROWNE POINT DRIVE, CINCINNATI, OHIO 45241

442853.01000
P:\442-\442853 ROH Cincinnati Sampling\Cad\Drawings\(5)ROH442853_SVOC_062807.dwg



MW-EPA-1

Metals	3/28/04	11/4/04	11/15/05	11/8/06
Arsenic	483	215	596	293
Chromium	37.2	14.4	12.9	31.2
Lead	<3	<3	<3	<3
Tin	3380	1340	2430	1310
Vanadium	6.4 B	3.1 B	7.2	5.1 B

UAW07-20

Metals	4/5/04	11/4/04	11/15/05	11/6/06
Arsenic	2.6 B	2.9 B	<10	<10
Chromium	3.2 B	2.1 B	16.1	50.3
Lead	<3	<3	<3	<3
Tin	180	574	819	237
Vanadium	2.2 B	2.7	3.1 B	2.7 B

UAW12-20

Metals	3/28/04	11/4/04	11/14/05	11/16/06
Arsenic	<10	<10	<10	5.7 B
Chromium	<5	2.5 B	1.7 B	<5
Lead	<3	<3	<3	5.7
Tin	101	78.8 B	33.3 B	71.2 B
Vanadium	2.7 B	2.5 B	2.2 B	2 B

UAW11-40

	Dup				
Metals	4/6/04	4/6/04	11/7/04	11/10/05	11/7/06
Arsenic	<10	<10	<10	<10	<10
Chromium	8.5	7.7	2.3 B	39.2	124
Lead	<3	<3	<3	<3	<3
Tin	62.2 B	51.7 B	47.2 B	73.1 B	58.9 B
Vanadium	<7	<7	<7	<7	<7

UAW23-20

Metals	3/28/04	11/5/04	11/14/05	11/6/06
Arsenic	<10	<10	<10	<10
Chromium	932	35.7	154	209
Lead	<3	<3	<3	<3
Tin	<100	<100	<100	11.2
Vanadium	3.7 B	<7	<7	<7

UAW20-60

Metals	3/30/04	11/5/04	11/11/05	11/7/06
Arsenic	<10	<10	<10	<10
Chromium	43.3	1.9 B	<5	5.7
Lead	<3	<3	<3	<3
Tin	9.8	<100	<100	9.8 B
Vanadium	<7	<7	<7	<7

UAW08-20

Metals	3/29/04	11/4/04	11/15/05	11/9/06
Arsenic	68.7	75.2	79.7	74.3
Chromium	24.3	27.7	24.9	37.8
Lead	<3	<3	<3	4.2
Tin	6410	5740	6070	4950
Vanadium	10	12	11.7	19.5

UAW13-20

Metals	3/28/04	11/5/04	11/16/05	10/31/06
Arsenic	19.6	18.2	33.4	27.8
Chromium	56.3	10.8	12.9	50.3
Lead	<3	<3	<3	<3
Tin	1780	1870	1880	1780
Vanadium	12.7	13.0	11.8	9.7

UAW22-20

Metals	3/28/04	11/4/04	11/15/05	11/9/06
Arsenic	5.3 B	4.4 B	6.8 B	<10
Chromium	2.8 B	<5	3.6 B	13.3
Lead	<3	<3	2.6 B	8.6
Tin	203	460	268	117
Vanadium	3.6 B	1 B	3.7 B	11.3

MW-EPA-2

Metals	3/29/04	11/4/04	11/11/05	11/9/06
Arsenic	<10	<10	<10	<10
Chromium	443	65.6	243	10.7
Lead	<3	<3	<3	8.6
Tin	9.5 B	<100	<100	89.1 B
Vanadium	4.1 B	<7	2.5 B	<7

UAW10-50

Metals	3/30/04	11/5/04	11/11/05	11/9/06
Arsenic	3 B	<10	<10	<10
Chromium	5	4.6 B	4.3 B	9.4
Lead	<3	<3	<3	4.2
Tin	<100	<100	<100	20.2 B
Vanadium	4.4 B	3.7 B	6.1 B	11.6

UAW11-10

Metals	4/6/04	11/7/04	11/10/05	11/2/06
Arsenic	86.1	80.3	29.2	65.9
Chromium	<5	<5	<5	3.6 B
Lead	<3	<3	<3	<3
Tin	1950	1660	3560	3050
Vanadium	16	4.1 B	4.7 B	22.3

UAW05-20

	Dup				
Metals	3/28/04	3/28/04	11/4/04	11/14/05	11/9/06
Arsenic	2.9 B	2.7 B	3.7 B	45.4	17.5
Chromium	2.6 B	4.2 B	3.2 B	110	421
Lead	<3	<3	<3	<3	6.4
Tin	99.9 B	107	257	455	204
Vanadium	0.81 B	0.92 B	2.2 B	10.9	17.8

UAW10-80

Metals	3/30/04	11/5/04	11/16/05	11/9/06
Arsenic	41.5	13.6	7.2 B	11.4
Chromium	8.1	16.2	1.6 B	<5
Lead	<3	5.4	<3	<3
Tin	<100	<100	153.5 B	10.2 B
Vanadium	1.4 B	9.1	<7	<7

UAW06-20

Metals	3/29/04	11/4/04	11/15/05	11/9/06
Arsenic	20.7	20.4	21.7	16.5
Chromium	3.3 B	<5	<5	5.7
Lead	<3	<3	<3	<3
Tin	3700	2460	2010	1440
Vanadium	32.2	20.2	26.9	13.3

MW-EPA-3

Metals	3/30/04	11/4/04	11/7/05	11/7/06
Arsenic	22.2	5.3 B	<10	<10
Chromium	143	22.8	<5	10.7
Lead	20.5	2 B	<3	<3
Tin	<100	<100	<100	<100
Vanadium	40.3	7.9	<7	<7

UAW19-80

	Dup				
Metals	3/30/04	11/5/04	11/11/05	11/11/05	11/8/06
Arsenic	<10	<10	<10	<10	<10
Chromium	5.2	<5	<5	<5	16.1
Lead	<3	<3	<3	<3	2.2 B
Tin	<100	<100	<100	<100	<100
Vanadium	<7	<7	<7	<7	3.1 B

UAW03-20

	Dup				
Metals	3/28/04	11/4/04	11/4/05	11/9/05	11/6/06
Arsenic	9.5 B	<10	3.1 B	<10	6.9 B
Chromium	2.4 B	2 B	<5	2.8 B	12.8
Lead	<3	<3	<3	<3	22.8
Tin	2350	296	291	180	67.9 B
Vanadium	25.7	7.6	7.1	8.3	13.6

UAW27-50

Metals	3/31/04	11/5/04	11/11/05	11/1/06
Arsenic	<10	<10	<10	<10
Chromium	5.5	4.8 B	<5	2.4 B
Lead	<3	<3	<3	<3
Tin	<100	<100	<100	9.7 B
Vanadium	<7	<7	<7	<7

UAW04-20

	Dup				
Metals	3/28/04	11/3/04	11/9/05	11/6/06	11/6/06
Arsenic	30.8	10.7	25.7	22.4	26
Chromium	<5	<5	<5	<5	<5
Lead	<3	<3	<3	<3	<3
Tin	591	901	365	285	283
Vanadium	7.9	5.7 B	5.0 B	4.4 B	4.2 B

UAW16-10

Metals	4/7/04	11/7/04	11/15/05	11/6/06
Arsenic	<10	<10	10.3	<10
Chromium	<5	<5	<5	<5
Lead	<3	<3	<3	<3
Tin	602	623	2000	1060
Vanadium	1.6 B	0.8 B	2.0 B	2.1 B

UAW02-20

Metals	3/26/04	11/3/04	11/9/05	11/3/06
Arsenic	<10	<10	<10	<10
Chromium	<5	<5	2.0 B	5.2
Lead	<3	<3	<3	<3
Tin	85.2 B	50.1 B	62.7 B	46.8 B
Vanadium	3.3 B	<7	<7	<7

UAW24-70

Metals	4/5/04	11/6/04	11/16/05	10/31/06
Arsenic	11.4	4.5 B	15.4	14.4
Chromium	2.1 B	<5	<5	12.3 B
Lead	<3	<3	<3	<3
Tin	<100	<100	<100	<100
Vanadium	<7	<7	<7	<7

UAW02-40

	Dup				
Metals	3/26/04	11/3/04	11/9/05	11/3/06	11/3/06
Arsenic	<10	<10	<10	<10	<10
Chromium	<5	<5	<5	<5	<5
Lead	<3	<3	<3	<3	<3
Tin	<100	<100	<100	<100	<100
Vanadium	<7	<7	<7	<7	<7

UAW15-50

	Dup				
Metals	4/7/04	11/7/04	11/7/05	11/15/05	11/2/06
Arsenic	77.1	62.6	80.7	82.9	64.8
Chromium	2.5 B	<5	<5	<5	<5
Lead	<3	<3	<3	<3	<3
Tin	2110	1950	2010	2140	1830
Vanadium	<7	<7	<7	<7	<7

UAW25-20

Metals	3/27/04	11/3/04	11/9/05	11/8/06
Arsenic	26.6	14.3	16.3	57.1
Chromium	505	6.2	5.5	281
Lead	<3	<3	<3	<3
Tin	130	134	140	136
Vanadium	1.4 B	<7	<7	<7

UAW15-20

Metals	4/7/04	11/7/04	11/15/05	11/2/06
Arsenic	<10	<10	<10	<10
Chromium	40.6	13.6	38.3	53.6
Lead	<3	<3	<3	<3
Tin	80.7 B	104	216 E	110
Vanadium	<7	<7	<7	<7

UAW18-20

Metals	4/7/04	11/7/04	11/15/05	11/6/06
Arsenic	8.2 B	32.3	<10	26.9
Chromium	<5	<5	<5	<5
Lead	<3	<3	<3	<3
Tin	1710	2040	152	3660
Vanadium	<1.2*	3.5 B	<7	<7

UAW01-30

Metals	3/24/04	11/3/04	11/8/05	11/1/06
Arsenic	7.1 B	10.1	11	13.2
Chromium	9.8	20.3	28.9	9
Lead	<3	<3	<3	<3
Tin	14.9 B	22.4 B	17.7	22.3 B
Vanadium	<7	<7	<7	<7

UAW17-40

Metals	3/31/04	11/6/04	11/14/05	10/31/06
Arsenic	10.9	14.2	8.5 B	8.3 B
Chromium	4.6 B	<5	<5	<5
Lead	<3	<3	<3	<3
Tin	<100	<100	<100	<100
Vanadium	<7	<7	<7	<7

UAW26-70

Metals	4/6/04	11/6/04	11/9/05	11/7/06
Arsenic	5.1 B	8.6 B	13.2	9.5 B
Chromium	2.8 B	<5	1.7 B	<5
Lead	1.7 B	<3	<3	<3
Tin	<100	<100	<100	<100
Vanadium	<7	<7	<7	<7

Recovery Well

Metals	4/6/04
Arsenic	NA
Chromium	<5
Lead	NA
Tin	NA
Vanadium	NA

UAW09-60

Metals	4/6/04	11/6/04	11/9/05	11/3/06
Arsenic	3.7 B	<10	<10	8 B
Chromium	<5	8.5	5.2	2.3 B
Lead	<3	<3	<3	<3
Tin	<100	<100	<100	<100
Vanadium	<7	<7	<7	<7

MW-EPA-4

Metals	4/6/04	11/6/04	11/9/05	11/7/06
Arsenic	<10	<10	<10	<10
Chromium	64.6	36.1	41.5	197
Lead	<3	<3	<3	<3
Tin	<100	<100	<100	6.5 B
Vanadium	<7	<7	<7	<7

UAW01-80

Metals	3/24/04	11/2/04	11/8/05	11/1/06
Arsenic	58	3.4 B	<10	<10
Chromium	<5	<5	<5	<5
Lead	<3	<3	<3	<3
Tin	<100	<100	<100	<100
Vanadium	<7	<7	<7	<7

UAW21-80

Metals	3/27/04	11/5/04	11/8/05	11/8/06
Arsenic	44.2	41.7	38.6	45.8
Chromium	<5	<5	<5	2.1 B
Lead	<3	<3	1.8 B	<3
Tin	<100	<100	<100	<100
Vanadium	<7	<7	<7	<7

UAW21-30

Metals	3/27/04	11/13/04	11/9/05	11/9/06
Arsenic	3.1 B	<10	<10	7 B
Chromium	209	172	63.6	72.30
Lead	<3	4	<3	11.4
Tin	<100	19.4 B	<100	6.8 B
Vanadium	3 B	3.1 B	<7	39.3

UAW09-20

Metals	4/6/04	11/6/04	11/9/05	11/3/06
Arsenic	<10	6.2 B	<10	<10
Chromium	22.5	4 B	28.2	53.5
Lead	<3	<3	<3	<3
Tin	18.5 B	<100	<100	5.4 B
Vanadium	<7	<7	<7	<7

UAW14-10

Metals	4/5/04	11/6/04	11/16/05	11/8/06
Arsenic	<10	<10	4.5 B	<10
Chromium	10.9	<5	<5	<5
Lead	<3	<3	<3	<3
Tin	<100	<100	<100	<100
Vanadium	3	<7	<7	<7

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
- ROHM AND HAAS 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 = Method blank contamination. The associated method blank contains the target analyte at a reportable level.
E = Matrix interference
J = Estimated result; result is less than reporting limit
L = Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.
NA = Not Analyzed
<3 = Constituent not detected at or above indicated detection limit

Base Map Source: Abercrombie & Associates, Inc., May 2001
Pre-2004 Data Source: Geomatrix, March 2006

ROHM AND HAAS CHEMICALS LLC
READING, OHIO PLANT

FIGURE 6
SELECTED METALS DETECTED IN GROUNDWATER

PARSONS
2443 CROWNE POINT DRIVE, CINCINNATI, OHIO 45241

442853.01000
P:\442-\442853 ROH Cincinnati Sampling\Cad\Drawings\(6)ROH442853_SELECTED_METALS_062807.dwg

APPENDIX A

GROUNDWATER SAMPLING LOGS

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW01-30
Well Diameter (Inches)	4"
Date	11-1-06
Location	west corner
Personnel	P. Boyle
Wind Speed/Direction	5-10mph NE
Weather	cloudy 49°F
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	10/31/06 / 1300
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 25.30 DTB= 31.63
Depth of Pump Intake (Feet Below TOC)	29.41
Protective Cover, Lock, and Well Condition	11.5 sec. Refill 3.5 sec. Discharge @25 PSI OK

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
	1310		—								
	1315	0.50	25.30	15.77	6.70	3.58	1.37	73	32	130	
	1320	1.30	25.30	15.98	6.78	3.59	1.09	35	27	130	
	1325	1.80	25.30	15.78	6.77	3.57	1.02	47	25	130	
	1330	2.30	25.30	16.13	6.78	3.59	0.89	37	23	130	
	1335	2.80	25.30	16.10	6.76	3.62	0.85	29	20	130	
	1340	3.30	25.30	16.05	6.72	3.76	0.80	20	18	130	
	1345	3.80	25.30	16.09	6.77	3.71	0.77	11	16	130	
	1350	4.30	25.30	16.05	6.80	3.72	0.76	10	14	130	
	1355	4.80	25.30	16.07	6.79	3.71	0.76	9	12	130	
	1400	5.30									

Sample ID	20061101UAW01-30V29.0N
Sample Date	11/1/2006
Sample Time	1350

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature P. L. Boyle

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW 01-80
Well Diameter (Inches)	4"
Date	11/1/06
Location	SOUTH WEST CORNER
Personnel	K. GUTHRIE / P. BOUGHEN
Wind Speed/Direction	5 mp NE
Weather	Overcast, slight rain
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11 / 1 / 06 @ 7a.m.
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 25.57 DTB= 81.70 FT
Depth of Pump Intake (Feet Below TOC)	74.00 FT
Protective Cover, Lock, and Well Condition	9.5 sec. Refill 5.5 sec. Discharge @50 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11/1/06	13:00	0.24L	25.57	14.78	6.96	1.087	3.15	-130	13	180	KMG FIXED RECHARGE RATE
11/1/06	13:15	3.0	25.57	15.06	7.05	1.116	0.69	-160	4.3	180	
	13:20	4.2	25.57	15.03	6.98	1.116	0.41	-169	4.3	180	
	13:25	5.9	25.74	15.12	7.03	1.115	0.36	-160	4.6	180	
	13:30	6.5	25.74	15.23	7.00	1.112	0.30	-162	3.6	180	
	1335	7.5	25.74	15.13	7.06	1.116	0.26	-163	4.4	180	
	13:40	8.2	25.74	15.11	7.02	1.115	0.24	-162	5.2	180	
	13:45	10.00	25.74	15.24	7.05	1.113	0.23	-160	5.1	180	
	13:50	11.00	25.74	15.12	7.02	1.114	0.21	-160	4.9	180	
	13:55	11.90	25.74	14.19	7.05	1.114	0.22	-164	5.1	180	
											SAMPLED AT 14:00 pm.

Sample ID	20061111 UAW 01-80 V 74 N
Sample Date	11 / 1 / 2006
Sample Time	1400

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

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Well ID	MW-EPA-4
Well Diameter (Inches)	2"
Date	11/7/06
Location	West of Bldg 18
Personnel	K. Guthrie
Wind Speed/Direction	5 mph East
Weather	Rain ~45°
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11 / 07 / 06 8:00am
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 16.82 DTB= 20.09
Depth of Pump Intake (Feet Below TOC)	17
Protective Cover, Lock, and Well Condition	13 sec. Refill 2 sec. Discharge @ 30 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
10/7/06	9:22	.08	16.82	—	—	—	—	—	—	180	
10/7/06	9:25	.98	~~17.78~~	17.82	6.82	4.48	1.60	-225	65.2	180	
10/7/06	9:30	1.88	16.82	17.41	6.80	4.48	1.81	-224	97.7	180	
	9:35	2.98	16.82	17.44	6.77	4.44	1.86	-219	41.2	180	
	9:40	3.68	16.82	17.46	6.76	4.35	2.25	-216	45.5	180	
	9:45	4.58	16.82	18.04	6.77	4.28	2.43	-215	16.0	180	
	9:50	5.48	16.82	17.96	6.75	4.21	2.50	-213	10.07	180	
	9:55	6.38	16.82	18.00	6.74	4.17	2.56	-212	9.31	180	
	10:00	7.38	16.82	18.05	6.74	4.14	2.59	-212	7.50	180	
	10:05	8.28	16.82	18.05	6.73	4.12	2.60	-211	6.86	180	
	~~10:10~~	~~9.18~~	~~16.82~~								
	~~10:15~~	~~10.08~~	~~16.82~~								

Sample ID	20061107EPA-4V17N
Sample Date	11 / 07 / 2006
Sample Time	11:11

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	MW-EPA-1
Well Diameter (Inches)	2"
Date	11/8/06
Location	P. Boughton
Personnel	westside offsite
Wind Speed/Direction	calm
Weather	55°F cloudy
Comments	2" well cap was Broken

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11 / 8 / 06
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 11.07 DTB= 16.78
Depth of Pump Intake (Feet Below TOC)	15 ft
Protective Cover, Lock, and Well Condition	13 sec. Refill 2 sec. Discharge @20 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11-8-06	0855										
	0900	0.20	11.06	21.76	6.89	5.58	5.39	172	310	180	
	0905	1.10	11.06	21.60	6.85	5.89	0.91	122	200	180	
	0910	2.00	11.06	21.61	6.92	5.77	0.66	97	123	180	
	0915	2.90	11.06	21.83	6.91	5.75	0.41	68	25	180	
	0920	3.80	11.06	21.82	6.91	5.62	0.31	48	14	180	
	0925	4.70	11.06	21.90	6.93	5.41	0.28	-11	7.0	180	
	0930	5.60	11.06	21.88	6.96	5.10	0.23	-132	6.1	180	-Guys began to sample cut.
	0935	6.50	11.06	21.92	6.97	4.88	0.18	-191	5.2	180	
	0940	7.40	11.06	21.92	6.95	4.87	0.16	-207	5.0	180	
	0945	8.30	11.06	21.92	6.96	4.85	0.15	-211	4.2	180	
	0950	9.20	11.06	21.91	6.96	4.85	0.14	-213	4.0	180	

Sample ID	20061108MW-EPA-1V15N
Sample Date	11 / 8 / 2006
Sample Time	0952

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	Purge water had a strong H_2S odor.

Sampler's Signature: [signature]

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	MW-EPA-3	Water Level Meter	Solinst 122
Well Diameter (Inches)	2"	Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Date	11-7-06	Calibration Date/Time	11 / 7 / 06
Location	East side of plant by RR tracks	Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Personnel	D. Baughman	Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Wind Speed/Direction	calm	Static DTW and DTB (Ft below TOC)	DTW= 9.19 DTB= 17.45
Weather	55°F rainy	Depth of Pump Intake (Feet Below TOC)	15.0
Comments		Protective Cover, Lock, and Well Condition	7.5 sec. Refill 1.5 sec. Discharge @30 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11-7-06	1350										
	1355	0.20	9.20	17.85	7.04	0.724	2.54	44	75	140	
	1400	0.90	9.20	18.01	6.88	0.820	0.95	62		140	
	1405	1.60	9.20	18.05	6.77	0.967	0.55	68		140	
	1410	2.30	9.20	18.03	6.74	1.62	0.52	60		140	
	1415	3.00	9.20	17.99	6.71	1.75	0.47	55		140	
	1420	3.70	9.20	17.97	6.67	1.94	0.42	46		140	
	1425	4.40	9.20	17.93	6.65	2.05	0.39	39		140	
	1430	5.10	9.20	17.99	6.63	2.15	0.37	35		140	
	1435	5.80	9.20	18.01	6.62	2.22	0.34	30		140	
	1440	6.50	9.20	18.02	6.62	2.23	0.33	29		140	
	1445	7.20	9.20	18.02	6.61	2.24	0.32	27		140	

Sample ID	20061107MW-EPA-3V15N	Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Sample Date	11 / 07 / 2006	Comments	Collected MSD
Sample Time	1448		

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	VAW02-40
Well Diameter (Inches)	4"
Date	11-3-06
Location	West side of prop.
Personnel	P. Boughey
Wind Speed/Direction	calm
Weather	32°F sunny
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11 / 3 / 06
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 13.50 DTB= 46.05
Depth of Pump Intake (Feet Below TOC)	38 Ft
Protective Cover, Lock, and Well Condition	11.5 sec. Refill 3.5 sec. Discharge @3 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11-3-06	0905	—									
	0910	0.50	13.50	14.56	7.23	0.995	1.77	-97	13	150	
	0915	2.00	13.50	14.46	7.20	0.994	1.64	-44	10	150	
	0920	3.50	13.50	14.67	7.15	0.992	1.58	-41	9	150	
	0925	5.00	13.50	14.62	7.14	0.993	1.50	-39	12	150	
	0930	6.50	13.50	14.65	7.18	0.995	1.40	-39	10	150	
	0935	8.00	13.50	14.67	7.17	0.997	1.32	-39	11	150	
	0940	9.50	13.50	14.97	7.13	0.997	1.27	-38	12	150	
	0945	11.00	13.50	14.58	7.16	0.998	1.19	-40	12	150	
	0950	12.50	13.50	14.62	7.15	0.999	1.17	-42	13	150	
	0955	14.00	13.50	14.62	7.15	0.999	1.18	-41	13	150	

Sample ID	20061103UAW02-40V38N
Sample Date	11 / 3 / 2006
Sample Time	0958

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	collected Dup also

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW 02-20	Water Level Meter	Solinst 122
Well Diameter (Inches)	4"	Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Date	11-3-06	Calibration Date/Time	11 1 3 106 8:00 am
Location	NW OF BLDG OFFENSE	Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Personnel	KMG, PMB	Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Wind Speed/Direction	NONE	Static DTW and DTB (Ft below TOC)	DTW= 11.80 DTB= 17.68
Weather	30°. SUNNY	Depth of Pump Intake (Feet Below TOC)	15
Comments	WATER COVERED NEEDS NEW PRO	Protective Cover, Lock, and Well Condition	13 sec. Refill 2 sec. Discharge @ 30 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11/3/06	9:07	.03	11.80	—	—	—	—	—	—	130	
	9:10	.65	11.80	15.93	6.94	1.87	1.76	-88	65	130	
	9:15	1.30	11.80	16.41	6.84	1.89	0.69	-88	70	130	
	9:20	1.95	11.80	16.55	6.79	1.90	0.47	-88	70	130	
	9:25	2.60	11.80	16.32	6.76	1.92	0.39	-88	50	130	
	9:30	3.25	11.80	16.56	6.74	1.94	0.33	-90	60	130	
	9:35	3.90	11.80	16.91	6.82	1.94	0.27	-92	45	130	
	9:40	4.55	11.80	17.12	6.82	1.91	0.26	-95	40	130	
	9:45	5.2	11.80	16.30	6.74	1.87	0.23	-91	50	130	
	9:50	5.85	11.80	16.44	6.76	1.89	0.21	-91	55	130	
	9:55										
	10:00										

Sample ID	20061103 UAW02-20 V15N	Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Sample Date	11 1 03 12006	Comments	
Sample Time	09:50		

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

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Well ID	UAW03-20
Well Diameter (Inches)	4"
Date	11/7/06
Location	ON WESTERN FENCE
Personnel	KMG
Wind Speed/Direction	5 NE
Weather	Cloudy
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11/07/06 8:00 am
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 11.80 DTB= 18.60
Depth of Pump Intake (Feet Below TOC)	16
Protective Cover, Lock, and Well Condition	13 sec. Refill 2 sec. Discharge @ 20 PSI

.16
5
30
50
.80

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
		.100	11.8								very silty
	13:50	.70	11.8	17.86	7.04	0.643	0.68	-232	739	160	
	13:55	1.5	11.8	17.80	7.05	0.642	0.45	-230	771	160	
	14:00	2.3	11.8	17.75	7.02	0.642	0.31	-243	743	160	
	14:05	3.1	11.8	17.70	6.99	0.650	0.20	-248	745	160	
	14:10	3.9	11.8	17.72	6.99	0.662	0.18	-251	749	160	
	14:15	4.7	11.8	17.73	6.98	0.673	0.16	-251	606	160	
	14:20	5.5	11.8	17.71	6.97	0.699	0.14	-252	615	160	
	14:25	6.3	11.8	17.75	6.96	0.728	0.14	-252	510	160	
	14:30	7.1	11.8	17.78	6.98	0.743	0.13	-253	389	160	
	14:35	7.9	11.8	17.81	6.98	0.766	0.13	-252	354	160	
	14:40	8.7	11.8	17.96	7.01	0.781	0.13	-254	355	160	

Sample ID	UAW20061106UAW03-20V16N
Sample Date	11 / 06 / 2006
Sample Time	

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW04-20
Well Diameter (Inches)	4"
Date	11/6/06
Location	West side of prop.
Personnel	P. Bowden
Wind Speed/Direction	calm
Weather	58°F cloudy
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11 16 106
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW=10.91 DTB= 18.36
Depth of Pump Intake (Feet Below TOC)	16.00
Protective Cover, Lock, and Well Condition	1.5 sec. Refill 2.5 sec. Discharge @ 1 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11/6/06	1340	–									
	1345	0.70	10.91	17.50	6.91	3.32	6.32	-17	7.2	140	
	1350	1.40	10.91	17.49	6.72	3.20	1.86	-31	6.4	140	
	1355	2.10	10.91	17.54	6.72	2.92	0.93	-52	3.7	140	
	1400	2.80	10.91	17.51	6.72	2.57	0.52	-61	2.5	140	
	1405	3.50	10.91	17.55	6.70	2.07	0.35	-58	1.7	140	
	1410	4.20	10.91	17.54	6.70	1.92	0.25	-64	0.9	140	
	1415	4.90	10.91	17.54	6.69	1.75	0.22	-69	0.7	140	
	1420	5.60	10.91	17.57	6.69	1.70	0.21	-70	0.50	140	
	1425	6.30	10.91	17.56	6.69	1.73	0.22	-71	0.50	140	
	1430										

Sample ID	20061106UAW04-20V16N
Sample Date	11 16 12006
Sample Time	1428

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW 07-20
Well Diameter (Inches)	4in
Date	11/07/06
Location	NEAR N. FENCE line
Personnel	K. GUTHRIE
Wind Speed/Direction	10 - NE
Weather	OVERCAST ~ 58°
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11/07/06 8:00 am
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 10.8 DTB= 18.25
Depth of Pump Intake (Feet Below TOC)	14
Protective Cover, Lock, and Well Condition	13 sec. Refill 2 sec. Discharge @20 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11/7/06	10:58	.6	10.80							180	
	10:00	1.5	10.8	18.42	6.96	2.86	0.38	-280	42.0	180	
	10:05	2.4	10.8	18.46	6.94	2.86	0.33	-281	36.0	180	
	10:10	3.3	10.8	18.57	6.90	2.67	0.16	-295	19.6	180	
	10:20	4.2	10.8	18.52	6.83	2.51	0.12	-303	22.4	180	
	10:25	5.1	10.8	18.46	6.71	2.34	0.11	-312	15.5	180	
	10:30	6.0	10.8	18.37	6.62	2.09	0.10	-321	24.0	180	
	10:35	6.9	10.8	18.31	6.56	1.96	0.09	-330	17.2	180	
	10:40	7.8	10.8	18.59	6.54	1.80	0.08	-333	13.1	180	
	10:45	8.7	10.8	18.55	6.57	1.81	0.07	-337	20.8	180	

Sample ID	2006 1107 UAW07-20V14N
Sample Date	11 / 07 / 2006
Sample Time	11:55

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

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Well ID	UAW 9-60
Well Diameter (Inches)	4"
Date	11/03/06
Location	PARKING LOT
Personnel	K. Mly
Wind Speed/Direction	10 mph East
Weather	40° Sunny
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11 / 03 / 06
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 28.50 DTB= 54.75
Depth of Pump Intake (Feet Below TOC)	52
Protective Cover, Lock, and Well Condition	10 sec. Refill 5 sec. Discharge @ 40 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11/3/06	12:10	0.10	28.50	—	—	—	—	—	—	100	very low water
	12:15	0.60	28.50	10.09	6.96	0.812	1.88	-49	7.1	100	recovery.
	12:20	1.1	28.50	10.52	7.00	0.769	1.10	-36	6.9	100	
	12:25	1.6	28.50	10.21	6.98	0.761	0.92	-24	3.8	100	
	12:30	2.1	28.50	9.95	6.96	0.758	0.85	-14	4.4	100	
	12:35	2.6	28.50	10.03	6.97	0.758	1.11	-7	2.5	100	
	12:40	3.1	28.50	10.01	6.97	0.74	0.74	-4	2.7	100	
	12:45	3.6	28.50	9.74	6.96	0.757	0.69	-3	2.8	100	
	12:50	4.1	28.50	10.32	6.99	0.757	0.65	-3	5.3	100	
	12:55	4.6	28.50	10.39	6.99	0.757	0.65	0	3.4	100	
	~~13:00~~	~~5.1~~	~~28.50~~						~~4.8~~	~~100~~	FLOW CELL METER RAN OUT OF BATTERIES.

Sample ID	20061103UAW09-60V52N
Sample Date	11 / 03 / 2006
Sample Time	13:00

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	VAW09-20
Well Diameter (Inches)	4"
Date	11-3-06
Location	parking Lot (visitor)
Personnel	R. Boyle
Wind Speed/Direction	5-10 mph NE
Weather	42°F sunny
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11 / 3 / 06
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 24.02 DTB= 26.16
Depth of Pump Intake (Feet Below TOC)	24.0
Protective Cover, Lock, and Well Condition	11.5 sec. Refill 3.5 sec. Discharge @20 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11-3-06	1200										
	1205	0.40	24.02	10.91	7.02	0.944	4.85	18	37	140	
	1210	1.80	24.02	10.98	7.00	0.928	4.78	31	32	140	
	1215	3.20	24.02	11.17	7.00	0.914	4.83	37	23	140	
	1220	4.60	24.02	11.47	7.00	0.900	5.00	39	32	140	
	1225	6.00	24.02	11.50	7.00	0.892	5.01	42	37	140	
	1230	7.40	24.02	11.59	7.01	0.885	5.08	49	48	140	
	1235		24.02	11.51	7.04	0.854	5.35	60	26	140	
	1240		24.02	11.37	7.05	0.840	5.43	67	13	140	
	1245		24.02	11.62	7.06	0.831	5.51	69	10	140	
	1250		24.02	11.92	7.07	0.819	5.65	77	9.7	140	
	1255		24.02	12.07	7.07	0.820	5.66	80	8.3	140	
	1300		24.02	12.05	7.06	0.817	5.74	83	7.7	140	
	1305		24.02	12.06	7.06	0.816	5.70	83	6.5	140	

Sample ID	20061103VAW09-20VZHN
Sample Date	11 / 03 / 2006
Sample Time	1308

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW 11-10
Well Diameter (Inches)	4"
Date	11-2-06
Location	S. Tower Bldgs 20-29
Personnel	P. Davis
Wind Speed/Direction	5-10 mph NE
Weather	50°F Sunny
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11 / 2 / 06
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 8.78 DTB= 14.15
Depth of Pump Intake (Feet Below TOC)	12 ft
Protective Cover, Lock, and Well Condition	13 sec. Refill 2 sec. Discharge @20 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11-2-06	0950	—									
	0955	.40	8.78	18.48	6.74	11.40	0.33	-32	3.2	170	
	1000		8.78	18.66	6.75	8.36	0.22	-66	1.7	170	
	1005		8.78	18.80	6.75	4.55	0.17	-70	1.2	170	
	1010		8.78	18.86	6.74	5.74	0.16	-75	0.7	170	
	1015		8.78	18.80	6.78	4.49	0.15	-71	0.50	170	
	1020		8.78	18.60	6.80	3.73	0.14	-69	0.35	170	
	1025		8.78	18.60	6.81	3.55	0.13	-63	0	170	Sun shining on tubing
	1030		8.78	18.42	6.99	3.01	0.11	-68	0	170	
	1035		8.78	14.27	7.03	2.81	0.10	-65	0	170	
	1040		8.78	14.25	7.02	2.79	0.10	-65	0	170	
	1045		8.78	14.20	7.01	2.78	0.10	-65	0	170	

Sample ID	20061102UAW11-10V12N
Sample Date	11 / 2 / 2006
Sample Time	1050

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Page Of

Well ID	UAW2-11-40
Well Diameter (Inches)	4"
Date	11-2-06
Location	NEAR BLDG 20, 29
Personnel	K. GUTHRIE
Wind Speed/Direction	5 NE
Weather	35 SUNNY
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11 / 02 / 06 08:30
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 15.9 DTB= 44.12
Depth of Pump Intake (Feet Below TOC)	38
Protective Cover, Lock, and Well Condition	13 sec. Refill 2 sec. Discharge @45 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11/02/06	9:54	.030	15.9	—	—	—	—	—	—	160	
	~~8:55~~	.800	15.9	14.13	6.74	2.62	1.97	-13	21	160	
	10:00	~~[illegible]~~ 1.6	15.9	BLADDER		WASN'T	~~45~~	~~16~~	SEATED		
	~~10:05~~	~~2.4~~				REATTACHED	NEW	BLADDER.			
	10:30	2.4	15.9	12.80	7.47	2.57	1.07	NA-35	29	160	
	10:35	~~[illegible]~~ 3.2	15.9	11.89	7.34	2.62	0.77	-37	26	160	
	10:40	~~[illegible]~~ 4.0	15.9	14.44	7.07	2.65	0.39	-5	21	160	
	10:45	~~[illegible]~~ 5.8	15.9	14.68	7.04	2.65	0.34	-3	27	160	
	10:50	~~[illegible]~~ 6.6	15.9	15.11	6.97	2.68	0.27	5	16	160	
	10:55	7.4	15.9	14.10	6.90	2.71	0.25	14	17	160	
	11:00	8.2	15.9	14.42	6.87	2.72	0.24	18	15	160	
	11:05	9.0	15.9	14.90	6.89	2.75	0.22	19	12	160	
	11:10										

30ML
160 ML
800

Sample ID	2006021UAW11-40V38N
Sample Date	11 / 02 / 2006
Sample Time	11:15

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	BLADDER WAS REPLACED AT 10:05 DUE TO WATER IN BOTH HOSES.

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW12-20	Water Level Meter	Solinst 122
Well Diameter (Inches)	4"	Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Date	11/6/06	Calibration Date/Time	11 / 6 / 06
Location	North side of plant	Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Personnel	P. Boughn	Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Wind Speed/Direction	calm	Static DTW and DTB (Ft below TOC)	DTW= 9.20 DTB= 16.63
Weather	58°F cloudy	Depth of Pump Intake (Feet Below TOC)	14
Comments		Protective Cover, Lock, and Well Condition	3 sec. Refill 2 sec. Discharge @20 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11/6/06	1515										
	1520	0.20	9.20	15.05	6.67	11.37	1.35	-59	4.1	160	
	1525	1.00	9.20	15.03	6.61	11.25	1.17	-61	3.7	160	
	1530	1.80	9.20	19.01	6.61	10.36	0.49	-66	2.9	160	
	1535	2.60	9.20	19.00	6.60	9.63	0.39	-70	1.7	160	
	1540	3.40	9.20	19.03	6.57	8.58	0.31	-81	1.2	160	
	1545	4.20	9.20	19.07	6.52	7.67	0.23	-93	0.9	160	
	1550	5.00	9.20	19.08	6.57	7.69	0.22	-95	0.9	160	
	1555	5.80	9.20	19.08	6.56	7.70	0.21	-97	0.7	160	

Sample ID	20061101UAW12-20V14N	Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Sample Date	11 / 6 / 2006	Comments	
Sample Time	1600		

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW-13-20
Well Diameter (Inches)	4"
Date	10-31-06
Location	N.W of tank farm
Personnel	PB / KG.
Wind Speed/Direction	5-10 mph
Weather	55°F rainy
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	10/31/06
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 10.25 DTB= 16.15
Depth of Pump Intake (Feet Below TOC)	14 ft
Protective Cover, Lock, and Well Condition	12 sec. Refill 3 sec. Discharge @ 20 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
10-31-06	1420										
	1425	0.40	10.25	18.80	6.50	11.05	0.49	-365	5.58	150	
	1430	0.75	10.25	18.83	6.53	11.35	0.53	-350	5.59	150	
	1435	1.5	10.25	18.77	6.36	9.92	0.15	-346	0.21	150	
	1440	2.25	10.25	18.89	6.29	9.53	0.11	-348	4.89	150	
	1445	3.0	10.30	18.90	6.29	9.24	0.1	-347	5.36	150	
	1450	3.75	10.30	18.92	6.22	9.07	0.09	-345	6.31	150	BOTTLE TURNED BLACK.
	1455	4.50	10.30	18.97	6.24	8.92	0.09	-344	3.78	150	CLEANED BOTTLE
	1500	5.25	10.30	19.16	6.21	8.83	0.09	-344	3.43	150	
	1505	6.00	10.30	19.11	6.19	8.78	0.08	-344	3.29	150	
	1510										
	1515										

Sample ID	20061031UAW13-20V14N
Sample Date	10/31/2006
Sample Time	1510

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW14-10
Well Diameter (Inches)	4"
Date	11-8-06
Location	Southside next to guard shack
Personnel	P. Boughen
Wind Speed/Direction	calm
Weather	55°F cloudy
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11 / 8 / 06
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 7.04 DTB= 16.20
Depth of Pump Intake (Feet Below TOC)	13 ft
Protective Cover, Lock, and Well Condition	25 sec. Refill 25 sec. Discharge @20 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11-8-06	1100										
	1105	0.18	7.03	16.72	7.25	0.702	3.77	-217	70	160	
	1110	0.80	7.03	16.59	7.20	0.692	2.20	-213	61	160	
	1115	1.60	7.03	16.45	7.18	0.693	2.08	-209	51	160	
	1120	2.40	7.03	16.45	7.04	0.696	2.04	-212	32	160	
	1125	3.20	7.03	16.52	7.16	0.697	1.96	-212	23	160	
	1130	4.00	7.03	16.31	7.16	0.694	2.03	-209	19	160	
	1135	4.80	7.03	16.34	7.16	0.691	2.03	-202	16	160	
	1140	5.60	7.03	16.59	7.17	0.692	2.02	-210	12	160	
	1145	6.40	7.03	16.63	7.16	0.692	2.03	-209	10	160	
	1150	7.20	7.03	16.61	7.16	0.693	2.03	-208	9.2	160	
	1155	8.00	7.03	16.61	7.16	0.693	2.03	-207	9.0	160	

Sample ID	20061108UAW14-10V13N
Sample Date	11 / 8 / 2006
Sample Time	1158

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW15-20
Well Diameter (Inches)	4"
Date	11-2-06
Location	Behind Bld. 22
Personnel	D. Boughton
Wind Speed/Direction	NE 0-5 mph
Weather	50°F
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11 12 /06
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 10.73 DTB=
Depth of Pump Intake (Feet Below TOC)	14
Protective Cover, Lock, and Well Condition	13 sec. Refill 2 sec. Discharge @20PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11-2-06	1320		1								
	1325	0.50	10.72	18.27	6.48	10.76	1.72	67	95	150	
	1330		10.73	18.52	6.44	10.74	0.73	62	81	150	
	1335		10.73	18.88	6.44	10.66	0.67	62	79	150	
	1340		10.73	18.94	6.45	10.52	0.45	43	77	150	
	1345		10.73	19.04	6.50	10.21	0.35	24	50	150	
	1350		10.73	18.95	6.59	9.87	0.34	10	34	150	
	1355		10.73	19.11	6.64	9.44	0.34	-4	21	150	
	1400		10.73	19.24	6.67	9.18	0.35	-12	16	150	
	1405		10.73	19.20	6.68	9.00	0.40	-15	18	150	
	1410		10.73	19.13	6.69	8.85	0.49	-19	12	150	
	1415		10.72	19.07	6.69	8.39	0.50	-17	10	150	
	1420		10.72	19.09	6.69	8.37	0.51	-17	10	150	

Sample ID	20061102UAW15-20V14N
Sample Date	11 12 /2006
Sample Time	1422

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW15-50
Well Diameter (Inches)	4"
Date	11/2/06
Location	NORTH BLDG 18
Personnel	~~10 NE~~ KMG/PB
Wind Speed/Direction	10 NE
Weather	40°, SUNNY
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11 / 2 / 06 9:00am
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 23.89 DTB=
Depth of Pump Intake (Feet Below TOC)	44ft.
Protective Cover, Lock, and Well Condition	13 sec. Refill 2 sec. Discharge @ 60 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11/2/06		.25	23.89	—	—	—	—	—	—	140	
11/02/06	13:30	.700	23.89	15.06	6.9	2.87	0.72	-124	18	140	VISIBLE BLACK MATERIAL
	13:35	1.4	23.89	15.30	6.9	2.90	0.44	-142	17	140	
	13:40	2.1	23.89	15.92	6.93	2.85	0.28	-157	14	140	
	13:45	2.8	23.89	16.00	6.92	2.82	0.23	-159	11	140	
	13:50	3.5	23.89	15.89	6.90	2.76	0.20	-166	6.2	140	
	13:55	4.2	24.11	15.79	6.93	2.72	0.18	-168	6.6	140	
	14:00	4.9	24.11	15.95	6.94	2.67	0.16	-173	11	140	
	14:05	5.6	24.11	15.93	6.97	2.65	0.16	-177	5.4	140	
	14:10	6.3	24.11	16.01	6.98	2.64	0.15	-177	6.0	140	
	14:15	7.0	24.11	16.02	7.00	2.60	0.15	-179	5.1	140	

Sample ID	20061021UAW15-50V44N
Sample Date	11 / 02 / 2006
Sample Time	14:18

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature [signature]

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW16-10
Well Diameter (Inches)	4"
Date	11/6/06
Location	next to recycling Bld. 21
Personnel	P. Baugher
Wind Speed/Direction	calm
Weather	55°F semi-cloudy
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11 / 6 / 06
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 10.22 DTB= 14.31
Depth of Pump Intake (Feet Below TOC)	12 ft
Protective Cover, Lock, and Well Condition	3.5 sec. Refill / .5 sec. Discharge @26 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11-6-06	0900										
	0905	0.20	10.22	19.05	6.70	2.27	3.20	36	2.1	180	
	0910	1.10	10.22	19.45	6.71	2.77	2.56	9	1.2	180	
	0915	2.00	10.22	19.52	6.69	2.15	1.19	-9	0.7	180	
	0920	2.90	10.22	19.54	6.70	2.13	0.99	-11	0.7	180	
	0925	3.70	10.22	19.46	6.69	2.12	0.87	-20	0.2	180	
	0930	4.60	10.22	19.43	6.68	2.11	0.82	-23	0	180	
	0935	5.50	10.22	19.33	6.68	2.10	0.83	-26	0	180	
	0940	6.40	10.22	19.52	6.69	2.09	0.79	-29	0	180	
	0945	7.30	10.22	19.55	6.69	2.08	0.79	-32	0	180	
	0950	8.20	10.22	19.54	6.69	2.07	0.80	-33	0	180	

Sample ID	20061106UAW16-10V12N
Sample Date	11 / 6 / 2006
Sample Time	0952

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	collected ~~MS~~ MS

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW17-40
Well Diameter (Inches)	4"
Date	10-31-06
Location	East of front gate
Personnel	P. Boughen / K. Guthrie
Wind Speed/Direction	10mph / NE
Weather	55°F
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	10/30/06 / 1500
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 11.13 DTB= 41.50
Depth of Pump Intake (Feet Below TOC)	34 ft
Protective ~~Cover, Lock, and~~ Well Condition	12 sec. Refill 3 sec. Discharge @ PSI 30

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
10-31-06	0910	-	-	-							
	0920	0.40	11.11	16.63	6.92	0.890	1.26	-74	26.4	240	
	0925	0.40	11.11	16.45	6.97	0.896	0.77	-83	26.4	240	
	0930	2.40	11.11	16.45	6.99	0.895	0.71	-87	22.5	240	
	0935	3.40	11.11	16.42	6.99	0.897	0.55	-83	16.9	240	
	0940	4.40	11.11	16.45	7.00	0.893	0.41	-91	16.1	240	
	0945	5.40	11.11	16.46	7.00	0.894	0.34	-92	13.4	240	
	0950	6.40	11.11	16.40	7.05	0.892	0.30	-91	11.4	240	
	0955	7.40	11.11	16.42	7.01	0.893	0.25	-92	10.12	240	
	1000	8.40	11.11	16.41	7.00	0.891	0.22	-96	8.90	240	
	1005	9.40	11.11	16.40	7.06	0.889	0.20	-97	7.33	240	
	1010	10.40	11.11	16.41	7.01	0.888	0.19	-96	7.42	240	
	1015	11.40	11.11	16.41	7.01	0.887	0.19	-96	5.93	240	

Sample ID	20061031UAW17-40V34N
Sample Date	10/31/2006
Sample Time	1018

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

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Well ID	UAW 18-20	Water Level Meter	Solinst 122
Well Diameter (Inches)	4"	Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Date	11/07/06	Calibration Date/Time	11/07/06
Location	ROH Cincy	Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Personnel	K. Guthrie	Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Wind Speed/Direction	10 NE	Static DTW and DTB (Ft below TOC)	DTW= 11.80 DTB= 17.32
Weather	Overcast, Damp	Depth of Pump Intake (Feet Below TOC)	15 FT.
Comments	–	Protective Cover, Lock, and Well Condition	2.5 sec. Refill 2.5 sec. Discharge @ 20 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11/7/06	09:07		11.80							260	
11/7/06	09:10	1.300	11.80	19.68	6.7	2.72	0.52	-147	82.3	260	TURNED DOWN PRESSURE
11/7/06	09:15	2.1	11.80	19.00	6.72	2.82	0.40	-155	9.41	160	
11/07/06	09:20	2.9	11.80	19.13	6.72	2.87	0.31	-164	11.5	160	
11/07/06	09:25	3.7	11.80	19.2	6.75	2.92	0.26	-170	10.5	160	
11/07/06	09:30	4.5	11.80	19.3	6.79	2.97	0.22	-182	15.5	160	
11/07/06	09:35	5.3	11.80	19.37	6.79	3.01	0.18	-189	7.69	160	
11/07/06	09:40	6.1	11.80	19.41	6.78	3.01	0.17	-192	6.8	160	
11/07/06	09:45	6.9	11.80	19.36	6.78	3.03	0.18	-194	10.17	160	
11/07/06	09:50	7.8	11.80	19.20	6.79	3.07	0.17	-199	6.52	160	

Sample ID	20061107	Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Sample Date	11/07/2006	Comments	
Sample Time	09:58		

Sampler's Signature [signature]

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

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Well ID	WAW 19-80
Well Diameter (Inches)	4"
Date	11/08/06
Location	btwn stacks + railroad
Personnel	K. GUTHRIE
Wind Speed/Direction	NONE
Weather	OVERCAST ~50'
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11 / 08 / 06 8:00
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 41.21 DTB= 78.85
Depth of Pump Intake (Feet Below TOC)	70FT
Protective Cover, Lock, and Well Condition	10 sec. Refill 5 sec. Discharge @ 40 PSI ✓

CHANGED BECAUSE PUMP VOL. WAS OVER 250 ml/min

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11/08/06	11:23	.05	—	—	—	—	—	—	—	200	
	11:25	1.00	41.21	15.37	6.74	1.441	1.58	-40	151	200	
	11:30	2.00	41.21	15.19	6.52	1.428	1.04	-14	124	200	
	11:35	3.00	41.21	15.14	6.61	1.432	0.74	-1	121	200	
	11:40	4.00	41.21	15.22	6.67	1.435	0.64	6	118	200	
	11:45	5.00	41.21	15.28	6.61	1.437	0.55	13	75	200	
	11:50	6.00	41.21	15.24	6.61	1.439	0.51	18	99.7	200	
	11:55	7.00	41.21	15.25	6.61	1.438	0.51	18	88.1	200	
	12:00	8.00	41.21	15.48	6.60	1.441	0.58	24	59.8	200	
	12:05	9.00	41.21	15.80	6.66	1.439	0.64	24	57.8	200	

Sample ID	20061108WAW19-80V70N
Sample Date	11 / 08 / 2006
Sample Time	12:05

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature _____

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

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Well ID	UAW20-60	Water Level Meter	Solinst 122
Well Diameter (Inches)	4"	Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Date	11/07/06	Calibration Date/Time	11 / 07 / 06 8:00 am
Location	N of 2 stacks	Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Personnel	K. Guthrie	Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Wind Speed/Direction	none	Static DTW and DTB (Ft below TOC)	DTW= 36.60 DTB= 61.50
Weather	overcast	Depth of Pump Intake (Feet Below TOC)	53
Comments		Protective Cover, Lock, and Well Condition	8.5 sec. Refill 6.5 sec. Discharge @30 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
	14:05	.06	36.60	—	—	—	—	—	—	160	
	14:10	.86	36.60	15.74	6.67	1.96	0.34	-6	216.8	160	TURBIDITY
	14:15	1.66	36.60	15.72	6.55	2.01	0.32	-4	87.2	160	METER GIVING
	14:20	2.46	36.60	15.82	6.52	2.07	0.26	-3	8.51	160	STRANGE READINGS
	14:25	3.26	36.60	15.86	6.52	2.05	0.23	-3	190	160	WILL RECALIBRATE
	14:30	4.06	36.60	15.85	6.50	2.08	0.20	-3	8.51	160	AFTER TESTING
	14:35	5.86	36.60	15.83	6.50	2.10	0.19	-3	6.13	160	
	14:40	6.66	36.60	15.83	6.50	2.12	0.17	-4	6.86	160	
	14:45	7.46	36.60	15.81	6.53	2.13	0.16	-5	5.67	160	
	~~14:50~~	~~8.26~~								~~160~~	

Sample ID	20061711UAW20-60V53N	Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Sample Date	11 / 07 / 2006		
Sample Time	14:50/14:54 (DUP)	Comments	

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	MW 21-80	Water Level Meter	Solinst 122
Well Diameter (Inches)	4"	Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Date	11/08/2006	Calibration Date/Time	11 / 08 / 06 8:00 am
Location	NERR Swim. pool.	Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Personnel	K. Guthrie	Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Wind Speed/Direction	5 NE	Static DTW and DTB (Ft below TOC)	DTW= 27.92 DTB= 77.2
Weather	OVERCAST ~50°	Depth of Pump Intake (Feet Below TOC)	70
Comments		Protective Cover, Lock, and Well Condition	11 sec. Refill 4 sec. Discharge @ 40 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
		0.03								180	
	14:20	.9	27.92	14.48	6.86	1.047	3.88	-49	28.6	180	
	14:25	1.8	27.92	14.83	6.78	1.073	1.88	-61	7.78	180	
	14:30	2.7	27.92	14.95	6.78	1.077	1.39	-67	6.74	180	
	14:35	3.6	27.92	15.06	6.81	1.077	0.83	-76	6.05	180	
	14:40	4.5	27.92	15.15	6.81	1.077	0.65	-80	9.83	180	
	14:45	5.4	27.92	15.25	6.81	1.078	0.54	-82	6.22	180	
	14:50	6.3	27.92	15.34	6.82	1.078	0.46	-84	15.1	180	
	14:55	7.2	27.92	15.37	6.83	1.077	0.41	-86	11.2	180	
	15:00	8.1	27.92	15.44	6.82	1.077	0.38	-87	9.86	180	
	15:05	9.0	27.92	15.19	6.80	1.078	0.33	-87	4.98	180	

Sample ID	20061108MW21-80V70N.	Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Sample Date	11 / 08 / 2006	Comments	
Sample Time	15:10		

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW23-20
Well Diameter (Inches)	4"
Date	11-6-06
Location	North side of plant
Personnel	P. Boughen
Wind Speed/Direction	calm
Weather	55°F ~~cloud~~ cloudy
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11 16 /06
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW=20.44 DTB=24.58
Depth of Pump Intake (Feet Below TOC)	24.0 ft
Protective Cover, Lock, and Well Condition	125 sec. Refill 8.5 sec. Discharge @25 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11-6-06	1045										
	1050	0.25	20.44	16.05	6.88	2.19	1.57	-24	39	150	
	1055	0.90	20.44	16.02	6.89	2.19	1.55	-31	34	150	
	1100	1.65	20.44	15.99	6.91	2.19	1.40	-1	31	150	
	1105	2.40	20.44	15.99	6.92	2.19	1.26	+8	30	150	
	1110	3.15	20.44	15.97	6.93	2.19	1.02	22	29	150	
	1115	3.90	20.44	15.99	6.92	2.19	0.92	28	29	150	
	1120	4.65	20.44	15.91	6.91	2.19	0.92	32	22	150	
	1125	5.40	20.44	15.92	6.85	2.19	0.89	37	17	150	
	1130	6.05	20.44	15.92	6.87	2.19	0.87	39	15	150	
	1135	7.80	20.44	15.93	6.88	2.19	0.88	41	14	150	
	1140										

Sample ID	20061106UAW23-20U24N
Sample Date	11 06 /2006
Sample Time	1138

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	also collected MSD

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW 24-70
Well Diameter (Inches)	4"
Date	10-31-06
Location	SOUTH BLDG 7
Personnel	P. BOUGHEN / K. GUTHRIE
Wind Speed/Direction	5 MPH NE
Weather	50°F / RAIN.
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	10 / 30 / 06 15:00
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= DTB= 72.80 FT
Depth of Pump Intake (Feet Below TOC)	65 FT
~~Protective Cover, Lock, and Well Condition~~	~~15~~ 16.5 sec. Refill ~~25~~ 3.5 sec. Discharge @60 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
10/31/06	12:05	—	—	—	—	—	—	—	—	—	—
	12:10	0.30	37.49	16.08	7.58	0.906	3.47	-111	7.26	150	
	12:15	0.75 ~~0.60~~	37.49	16.16	7.19	0.868	1.36	-86	9.64	150	
	12:20	1.50 ~~0.90~~	37.49	16.18	7.14	0.868	0.84	-89	9.41	150	
	12:25	2.25 ~~1.20~~	37.49	16.15	7.14	0.868	0.67	-92	9.64	150	
	12:30	3.00 ~~1.50~~	37.49	16.10	7.18	0.871	0.51	-93	8.90	150	
	12:35	3.75 ~~1.80~~	37.49	16.13	7.17	0.875	0.37	-95	10.93	150	
	12:40	4.50 ~~2.10~~	37.49	16.16	7.17	0.875	0.29	-97	13.3	150	
	12:45	5.25 ~~2.40~~	37.49	16.13	7.10	0.879	0.24	-96	15.6	150	
	12:50	6.0	37.49	16.09	7.09	0.884	0.20	-98	19.3	150	
	12:55	6.75	37.49	16.05	7.11	0.890	0.17	-100	19.8	150	
	13:00	7.50	37.49	16.07	7.14	0.892	0.15	-100	19.8	150	

Sample ID	20061031 UAW 24-70V
Sample Date	10 / 31 / 2006
Sample Time	~~1400~~ 1302

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	WAW25-20
Well Diameter (Inches)	4"
Date	11/8/06
Location	West of Bldg 40
Personnel	K. Guthrie
Wind Speed/Direction	none
Weather	Overcast ~50°
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11/1 08/06 8:00am
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 16.90 DTB= 19.90
Depth of Pump Intake (Feet Below TOC)	18.5
Protective Cover, Lock, and Well Condition	12 sec. Refill 3 sec. Discharge @20 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
	9:05	.04	16.90							200	WATER SILTY
	9:10	1.04	16.90	17.44	6.61	3.07	0.25	-76	864	200	AND ORANGE
	9:15	2.04	16.90	17.37	6.63	3.07	0.20	-80	836	200	
	9:20	3.04	16.90	17.66	6.57	3.07	0.18	-81	927	200	
	9:25	4.04	16.90	17.68	6.53	3.08	0.17	-81	763	200	
	9:30	5.04	16.90	17.69	6.51	3.09	0.17	-81	535	200	
	9:35	6.04	16.90	17.72	6.53	3.09	0.16	-83	785	200	
	9:40	7.04	16.90	17.78	6.50	3.09	0.15	-86	296	200	
	9:45	8.04	16.90	17.80	6.52	3.10	0.14	-88.	169	200	
	9:50	9.04	16.90	17.80	6.51	3.09	0.13	-88	165	200	
	9:55	10.04	16.90	17.81	6.51	3.09	0.13	-87	146	200	

Sample ID	20061108WAW25-20V18.5N
Sample Date	11/08/2006
Sample Time	10:00

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature Kristin Guthrie

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	VAW26-70
Well Diameter (Inches)	4"
Date	11/7/06
Location	
Personnel	P. Brogan
Wind Speed/Direction	calm
Weather	rainy
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	11/17/06
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW=21.35 DTB=77.48
Depth of Pump Intake (Feet Below TOC)	73 ft
Protective Cover, Lock, and Well Condition	~~6.5~~ 6.5 sec. Refill ~~8~~ 8.5 sec. Discharge @ ~~40~~ 30 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11-7-06	0920										
	0925	0.50	21.35	15.43	7.13	1.295	9.00	212	6.0	100	
	0930	1.00	21.35	15.26	7.03	1.091	1.98	175	5.2	100	
	0935	1.50	21.35	15.20	7.00	1.056	1.26	144	5.1	100	
	0940	2.00	21.35	15.18	6.98	1.052	0.86	129	4.7	100	
	0945	2.50	21.35	15.16	6.96	1.052	0.58	119	3.2	100	
	0950	3.00	21.35	14.96	6.90	1.052	0.51	112	2.7	100	
	0955	3.50	21.35	15.10	6.92	1.053	0.43	104	1.7	100	
	1000	4.00	21.35	15.18	6.90	1.053	0.41	102	1.2	100	begin to rain hard
	1005	4.50	21.35	15.07	6.92	1.054	0.37	120	0.9	100	
	1010	5.00	21.35	15.09	6.91	1.054	0.38	106	0.7	100	
	1015	5.50	21.35	15.08	6.91	1.054	0.39	100	0.6	100	

Sample ID	~~20060707~~VAW26-70V73N
Sample Date	11/17/2006
Sample Time	1017

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature

Groundwater Sampling Log - Rohm and Haas, Cincinnati Plant, Reading, Ohio

Well ID	UAW27-50
Well Diameter (Inches)	4"
Date	11/01/06
Location	ROH CONCY
Personnel	K GUTRIE / P. STRICK Dist.
Wind Speed/Direction	E 5mp
Weather	Overcast 60°
Comments	

Water Level Meter	Solinst 122
Water Quality Meter	QED MP20 /QED MP20 DT /Lamotte 20/20
Calibration Date/Time	10 / 1 / 06
Calibration Standards (pH/Cond/DO/ORP)	pH 4/7, 1413µS/cm, 100%DO, 0 NTU, 240 mV
Purge Method/Pump Type	Low Flow/ QED 2" Sample Pro(Disposable Bladder)
Static DTW and DTB (Ft below TOC)	DTW= 35.00 DTB= 48.39
Depth of Pump Intake (Feet Below TOC)	
Protective Cover, Lock, and Well Condition	4 sec. Refill 4 sec. Discharge @ 30 PSI

Well Purging Record

Date	Time	Volume Purged (Liters)	Depth to Water (Feet)	Temperature (Degrees C)	pH (S.U.)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Turbidity (NTU)	Purge Rate (ml/min.)	Comments
11-1-06	09:55		35.00	—	—	—	—	—	—	—	
	10:35	3L	35.00	17.08	7.30	1.46	1.50	32	3.7	285	
	10:40	~~3.285~~ 4.425	35.00	17.12	7.13	0.836	38	37	1.8	285	TURNED DOWN RATE FOR NEXT READING
	10 45	~~5~~ 5.7	35.00	16.67	6.92	0.186	0.64	44	1.2	240	
	1050	7.125	35.00	16.65	6.88	13.36	0.48	45	100	240	CHANGE T 12/3
	1055	8.55	35.00	16.34	6.86	1.444	0.37	44	1.4	240	
	1100	9.975	35.00	16.25	6.87	0.34	0.34	44	9.1	240	
	11:05	11.4	35.00	16.35	6.87	1.54	0.31	42	8.0	240	
	11:10	~~8.5~~ 12.85	35.00	16.29	6.85	1.55	0.29	42	1.2	240	
	11:15	13.705	35.00	15.68	6.85	0.286	0.25	44	1.1	240	

may have had small amount of silt P. Bagley

~~2.4~~ 1.425

Sample ID	2006111 / UAW 27 50 V43 mV
Sample Date	11 / 1 / 2006
Sample Time	11:20

Sample Parameters	VOCs SW846 8260B, Total Metals (6010B/7470A) plus Tin, SVOCs SW846 8270C plus Aniline
Comments	

Sampler's Signature [signature]

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	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Cyclohexane	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																																
MW-EPA-1	5/8/2001	<500	<50	<50	<500	<50	<50	1600	<100	<50	<50	<50	<50	<50	<50	<25	<25	19 J	<50	<50	<50	<500	<250	<50	<50	<50	<50	<50	<50	<100	30 J	<50
	11/15/2001	63 J B	31 J	<83	<830	<83	<83	3200	<170	<83	<83	<83	<83	<83	<83	<42	<42	40 J	<83	140 B	<83	<830	<420	<83	59 J	<83	<83	<83	<83	<170	93	<83
	10/20/2002	220 J	<100	<100	NA	<100	NA	3900	<100	<100	NA	<100	<100	<100	NA	NA	NA	<100	NA	100 B	<100	NA	NA	NA	49 J	NA	NA	NA	NA	NA	<100	NA
	11/12/2003	<2000	<200	<200	<2000	<200	<200	4500	<200	<200	<200	<200	<200	<200	<200	<100	<100	<200	<200	<200	<200	<2000	<1000	<200	<200	<200	<200	<200	<200	<200	<200	NA
	3/28/2004	<830	<83	<83	<830	<83	<83	2800	<83	<83	<83	<83	<83	<83	<83	<42	<42	<83	<83	<83	<83	<830	<420	<83	<83	<83	<83	<83	<83	<83	<83	NA
	11/4/2004	310 J B	49 J B	<100	<1000	<100	<100	2500	<100	<100	<100	<100	<100	<100	<100	<50	<50	28 J	<100	85 J B	<100	<1000	<500	<100	<100	<100	<100	<100	<100	<100	130	NA
	11/15/2005	<560	22 J	<56	<560	<56	<56	1800	<56	<56	<56	<56	<56	<56	<56	<28	<28	26 J	<56	<56	<56	<560	<280	<56	12 J	<56	<56	<56	<56	<56	41 J	NA
	11/8/2006	<1200	<120	<120	<1200	<120	<120	4400	<120	<120	<120	<120	<120	<120	<120	<62	<62	<120	<120	<120	<120	<1200	<620	<120	<120	<120	<120	<120	<120	<120	<120	NA
MW-EPA-2	5/8/2001	<10	<1	<1	<10	<1	<1	<1	<2	1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	0.98 J	<1	<10	<5	11	<1	<1	<1	<1	<1	<2	<1	<1
	11/14/2001	2 J	<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	<1.7	<1.7	<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	3.4 J	<2.2	<2.2	NA	<2.2	NA	<2.2	<2.2	1.3 J	NA	<2.2	<2.2	<2.2	NA	NA	NA	<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	<25	<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	<1.2	<1.2	<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	<20	<2	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<1	<1	<2	<2	<2	<2	<20	<10	52	<2	<2	<2	<2	<2	<2	<2	NA
	11/4/2004	9.2 J B	0.89 J B	<3.3	<33	<3.3	<3.3	<3.3	<3.3	1.2 J	<3.3	<3.3	<3.3	<3.3	<3.3	<1.7	<1.7	<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	2.0 U	<2	<2	<20	<2	<2	<2	<2	1.0 J	<2	<2	<2	<2	<2	<1	<1	<2	<2	<2	<2	<20	<10	62	<2	<2	<2	<2	<2	<2	<2	NA
	11/9/2006	13 J	<14	<14	<140	<14	<14	<14	<14	41	<14	<14	7.3 J	440	2.6 J	43	<7.1	<14	<14	<14	<14	<140	<71	45	<14	20	5.0 J	6.0 J	3.9 J	<14	<14	NA
MW-EPA-3	5/6/2001	<10	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	11/13/2001	2.6 J	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	0.3 J	<1	<1	<1	<1	<2	<1	<1
	10/17/2002	<10	<1	<1	NA	<1	NA	<1	<1	<1	NA	<1	<1	<1	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	NA	NA	NA	<1	NA
	11/13/2003	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	3/30/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/4/2004	1.9 J B	0.31 J B	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	0.2 J	<1	0.21 J	<1	<1	<1	<1	<1	0.51 J	NA
	11/11/2005	0.87 U	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/7/2006	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
MW-EPA-4	5/8/2001	<10	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	11/13/2001	2.5 J	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	0.2 J	<1	<1	<1	<2	<1	<1
	10/18/2002	<10	<1	<1	NA	<1	NA	<1	<1	<1	NA	<1	<1	<1	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	NA	NA	NA	<1	NA
	11/16/2003	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	4/6/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/6/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/10/2005	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/7/2006	7.0 J	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
Recovery Well	7/29/2001	1600	<29	<29	<290	<29	<29	8.7 J	<57	<29	NA	<57	<29	<29	<29	<14	<14	<29	NA	<29	NA	<140	NA	<29	<29	<29	<29	<29	NA	<57	<29	<29

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	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Cyclohexane	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																																
UAW01-30	5/4/2001	<10	<1	<1	<10	<1	<1	1.6	<2	<1	<1	0.41 J	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	11/8/2001	<10	<1	<1	<10	<1	<1	0.5 J	<2	<1	<1	0.38 J	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	10/17/2002	<10	<1	<1	NA	<1	NA	0.47 J	<1	<1	NA	<1	<1	<1	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	NA	NA	NA	<1	NA
	11/11/2003	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	3/24/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/3/2004	1.1 J	<1	<1	<10	<1	<1	0.23 J	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/8/2005	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/1/2006	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW01-80	5/4/2001	<10	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	1.4 J	<1	<1
	10/10/2001	1.2 J B	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	2.1	<1	<1
	11/12/2001	<10	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	0.23 J	<1	<1	<1	<1	1.9 J	<1	<1
	10/17/2002	<10	<1	<1	NA	<1	NA	<1	<1	<1	NA	<1	<1	<1	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	NA	NA	NA	<1	NA
	11/11/2003	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	2.5	<1	NA
	3/24/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	2.8	<1	NA
	11/2/2004	0.82 J	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	4	<1	NA
	11/8/2005	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	4.4	<1	NA
	11/1/2006	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	0.29 J	<1	<1	<1	<1	4.1	<1	NA
UAW02-20	5/7/2001	<10	0.49 J	<1	<10	<1	<1	32	<2	<1	<1	<1	0.74 J	0.42 J	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	11/10/2001	<10	0.6 J	<1	<10	<1	<1	32	<2	<1	<1	<1	0.21 J	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	0.45 J	<1	<1	<1	<1	<2	<1	<1
	10/17/2002	<10	0.37 J	<1	NA	<1	NA	17	<1	<1	NA	<1	<1	<1	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	0.39 J	NA	NA	NA	NA	NA	<1	NA
	11/12/2003	<10	<1	<1	<10	<1	<1	13	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	3/26/2004	<10	<1	<1	<10	<1	<1	12	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/3/2004	0.91 J	<1	<1	<10	<1	<1	10	<1	<1	0.44 J	<1	<1	<1	<1	<0.5	<0.5	<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	<10	<1	<1	<10	<1	<1	17	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/3/2006	<10	<1	<1	<10	<1	<1	5.3	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	0.17 J	<1	<1	<1	<1	<1	<1	NA
UAW02-40	5/7/2001	<25	<2.5	<2.5	<25	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	28	<2.5	4.3	62	3.3	<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	<12	0.47 J	<1.2	<12	<1.2	<1.2	31	<2.5	<1.2	<1.2	<1.2	0.67 J	0.44 J	<1.2	<0.62	<0.62	<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	1.8 J B	<2.5	<2.5	<25	<2.5	<2.5	<2.5	<5	<2.5	<2.5	<2.5	27	<2.5	4.5	59	3.2	<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	<20	<2	<2	NA	<2	NA	<2	<2	<2	NA	<2	25	<2	NA	NA	NA	<2	NA	1.4 J B	<2	NA	NA	NA	<2	NA	NA	NA	NA	NA	<2	NA
	11/12/2003	<20	<2	<2	<20	<2	<2	<2	<2	<2	<2	<2	22	<2	4.4	50	2.9	<2	<2	<2	<2	<20	<10	<2	<2	<2	<2	<2	<2	<2	<2	NA
	3/26/2004	<20	<2	<2	<20	<2	<2	<2	<2	<2	<2	<2	20	<2	3.5	49	3.2	<2	<2	<2	<2	<20	<10	<2	<2	<2	<2	<2	<2	<2	<2	NA
	11/3/2004	1.6 J	<1.7	<1.7	<17	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	20	<1.7	3.9	48	2.5	<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	<17	<1.7	<1.7	<17	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	15	<1.7	2.5	38	2.4	<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	<12	<1.2	<1.2	<12	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	14	<1.2	3.2	37	2.1	<1.2	<1.2	<1.2	<1.2	<12	<6.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	0.56 J	<1.2	NA
UAW02-40 (Dup)	11/3/2006	<14	<1.4	<1.4	<14	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	14	<1.4	3.1	37	2.2	<1.4	<1.4	<1.4	<1.4	<14	<7.2	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	0.56 J	<1.4	NA
UAW03-20	5/7/2001	3.4 J	1.2	<1	<10	1.5	<1	8.6	<2	<1	<1	<1	0.84 J	14	<1	<0.5	<0.5	0.55 J	<1	<1	0.41 J	<10	<5	<1	12	<1	<1	<1	<1	<2	2.5	<1
	11/11/2001	3.8 J B	1.4 J	<2.5	<25	<2.5	<2.5	41	<5	<2.5	0.73 J	<2.5	<2.5	1.2 J	<2.5	<1.2	<1.2	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	12 J	<6.7	<6.7	NA	<6.7	NA	55	<6.7	<6.7	NA	<6.7	<6.7	<6.7	NA	NA	NA	<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	<100	<10	<10	<100	<10	<10	130	<10	<10	<10	<10	<10	<10	<10	<5	<5	<10	<10	<10	17	<100	<50	<10	<10	<10	<10	<10	<10	<10	<10	NA
	3/28/2004	<130	<13	<13	<130	<13	<13	150	<13	<13	<13	<13	<13	<13	<13	<6.7	<6.7	<13	<13	<13	<13	<130	<67	<13	<13	<13	<13	<13	<13	<13	<13	NA
	11/4/2004	23 J B	4 J B	<10	<100	2.8 J	<10	110	<10	<10	<10	<10	<10	<10	<10	<5	<5	<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	32 J B	4.7 J B	<12	<120	<12	<12	110	<12	<12	<12	<12	<12	<12	<12	<6.2	<6.2	3.9 J	<12	9.7 J B	<12	<120	<62	<12	<12	<12	<12	<12	<12	<12	17	NA
	11/9/2005	6.3 U	<4	<4	<40	<4	<4	46	<4	<4	0.65 J	<4	<4	<4	<4	<2	<2	1.4 J	<4	5.1 U	3.5 J	<40	<20	<4	<4	<4	<4	<4	<4	<4	<4	NA
	11/6/2006	2.1 J	<1	<1	0.61 J	<1	<1	0.45 J	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	1.2 J	<5	<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	Acetone	Benzene	Bromodichloromethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Cyclohexane	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																																
UAW04-20	5/7/2001	<10000	<1000	<1000	<10000	<1000	<1000	<1000	<2000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<1000	<1000	<1000	<1000	<10000	<5000	<1000	21000	<1000	<1000	<1000	<1000	<2000	<1000	<1000
	11/11/2001	590 J B	<250	<250	<2500	<250	<250	<250	<500	<250	<250	<250	<250	<250	<250	<120	<120	<250	<250	200 J B	<250	<2500	<1200	<250	8800	<250	<250	<250	<250	<500	<250	<250
	10/20/2002	1300 B	<33	<33	NA	<33	NA	<33	<33	<33	NA	<33	<33	<33	NA	NA	NA	<33	NA	<33	<33	NA	NA	NA	320	NA	NA	NA	NA	NA	<33	NA
	11/12/2003	<1000	<100	<100	<1000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<50	<50	<100	<100	<100	<100	<1000	<500	<100	3500	<100	<100	<100	<100	<100	<100	NA
	3/28/2004	<10000	<1000	<1000	<10000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<1000	<1000	<1000	<1000	<10000	<5000	<1000	24000	<1000	<1000	<1000	<1000	<1000	<1000	NA
	11/3/2004	980 J B	87 J B	<330	<3300	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<170	<170	<330	<330	280 J B	<330	<3300	<1700	<330	11000	<330	<330	<330	<330	<330	200 J	NA
	11/9/2005	<100	<10	<10	<100	<10	<10	2.0 J	<10	<10	<10	<10	<10	<10	<10	<5	<5	<10	<10	16 U	<10	<100	<50	<10	310	<10	<10	<10	<10	<10	6.6 J	NA
	11/6/2006	<1400	<140	<140	<1400	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<71	<71	<140	<140	<140	<140	<1400	<710	<140	3900	<140	<140	<140	<140	<140	<140	NA
UAW04-20 (Dup)	11/6/2006	<1400	<140	<140	<1400	<140	<140	<140	<140	<140	<140	<140	<140	<140	<140	<71	<71	<140	<140	<140	<140	<1400	<710	<140	4000	<140	<140	<140	<140	<140	<140	NA
UAW05-20	5/6/2001	<400	<40	<40	<400	<40	<40	460	<80	<40	<40	<40	<40	<40	<40	<20	<20	<40	<40	<40	<40	<400	<200	<40	<40	<40	<40	<40	<40	<80	<40	<40
	10/10/2001	22 J B	<40	<40	<400	<40	<40	440	<80	<40	<40	<40	<40	<40	<40	<20	<20	<40	<40	<40	<40	<400	<200	<40	<40	<40	<40	<40	<40	<80	<40	<40
	11/12/2001	<220	<22	<22	<220	<22	<22	390	<44	<22	<22	<22	<22	<22	<22	<11	<11	4 J	<22	<22	3.5 J	<220	<110	<22	<22	<22	<22	<22	<22	<44	10 J	<22
	10/20/2002	49 J B	14 J	<25	NA	6.7 J	NA	310	<25	<25	NA	<25	<25	<25	NA	NA	NA	<25	NA	13 J B	<25	NA	NA	NA	<25	NA	NA	NA	NA	NA	<25	NA
	11/10/2003	<250	<25	<25	<250	<25	<25	770	<25	<25	<25	<25	<25	<25	<25	<12	<12	<25	<25	<25	<25	<250	<120	<25	<25	<25	<25	<25	<25	<25	<25	NA
	3/28/2004	<200	<20	<20	<200	<20	<20	580	<20	<20	<20	<20	<20	<20	<20	<10	<10	<20	<20	<20	<20	<200	<100	<20	<20	<20	<20	<20	<20	<20	<20	NA
UAW05-20 (Dup)	3/28/2004	<170	<17	<17	<170	<17	<17	540	<17	<17	<17	<17	<17	<17	<17	<8.3	<8.3	<17	<17	<17	<17	<170	<83	<17	<17	<17	<17	<17	<17	<17	<17	NA
	11/4/2004	57 J B	8.6 J B	<20	<200	6.9 J	<20	560	<20	<20	<20	<20	<20	<20	<20	<10	<10	<20	<20	16 J B	<20	<200	<100	<20	<20	<20	<20	<20	<20	<20	<20	NA
	11/15/2005	<200	<20	<20	<200	<20	<20	780	<20	<20	<20	<20	<20	<20	<20	<10	<10	<20	<20	<20	<20	<200	<100	<20	<20	<20	<20	<20	<20	<20	<20	NA
	11/9/2006	35 J	<17	<17	<170	<17	<17	550	<17	<17	<17	<17	<17	<17	<17	<8.3	<8.3	<17	<17	10 J	<17	<170	<83	<17	<17	<17	<17	<17	<17	<17	<17	NA
UAW06-20	5/6/2001	720	<10	<10	<100	<10	<10	70	<20	<10	<10	<10	<10	<10	<10	<5	<5	<10	<10	<10	<10	<100	<50	<10	<10	<10	<10	<10	<10	<20	<10	<10
	10/10/2001	11000	<170	<170	<1700	<170	<170	100 J	<330	<170	<170	<170	<170	<170	<170	<83	<83	<170	<170	<170	<170	<1700	<830	<170	<170	<170	<170	<170	<170	<330	<170	<170
	11/13/2001	45000	<670	<670	750 J B	<670	<670	110 J	<1300	<670	<670	<670	<670	<670	<670	<330	<330	<670	<670	<670	<670	<6700	<3300	<670	<670	<670	<670	<670	<670	<1300	<670	<670
	10/20/2002	170 B	1.2 J	<2.5	NA	1.8 J	NA	71	<2.5	<2.5	NA	<2.5	2.2 J	<2.5	NA	NA	NA	1.3 J	NA	<2.5	<2.5	NA	NA	NA	13	NA	NA	NA	NA	NA	<2.5	NA
	11/12/2003	<33	<3.3	<3.3	<33	<3.3	<3.3	73	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<1.7	<1.7	<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	<25	<2.5	<2.5	<25	<2.5	<2.5	52	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.2	<1.2	<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	10 J B	1.7 J B	<3.3	<33	1.7 J	<3.3	83	<3.3	<3.3	<3.3	<3.3	1.2 J	<3.3	<3.3	<1.7	<1.7	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	<33	1.2 J	<3.3	<33	<3.3	<3.3	120	<3.3	<3.3	<3.3	<3.3	1.7 J	<3.3	<3.3	<1.7	<1.7	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 J	<5	<5	<50	<5	<5	120	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	<5	<5	5.3	<5	<50	<25	<5	1.0 J	<5	<5	<5	<5	<5	<5	NA
UAW07-20	5/8/2001	<20	2.1	<2	<20	2.4	<2	39	<4	<2	NA	<4	1.6 J	<2	<2	<1	<1	4.4	NA	<2	NA	<10	NA	<2	3.5	<2	<2	<2	NA	<4	13	<2
UAW07-20 (Dup)	5/8/2001	<25	1.8 J	<2.5	<25	1.1 J	<2.5	38	<5	<2.5	NA	<5	1.5 J	<2.5	<2.5	<1.2	<1.2	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	3.3 J B	5.2	<2	<20	<2	<2	64	<4	<2	NA	<4	1.2 J	<2	<2	<1	<1	5.6	NA	2.3 B	NA	<10	NA	<2	1.2 J	<2	<2	<2	NA	<4	13	<2
	10/20/2002	4.8 J	5.8	<2.5	NA	0.67 J	NA	71	<2.5	<2.5	NA	<2.5	<2.5	<2.5	NA	NA	NA	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	<33	4.1	<3.3	<33	<3.3	<3.3	91	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<1.7	<1.7	<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	<33	4.1	<3.3	<33	<3.3	<3.3	93	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<1.7	<1.7	<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	<20	3.4	<2	<20	<2	<2	69	<2	<2	<2	<2	<2	<2	<2	<1	<1	2.7	<2	<2	<2	<20	<10	<2	<2	<2	<2	<2	<2	<2	5	NA
	11/4/2004	14 J B	6.3 J B	<6.7	<67	7.1	<6.7	190	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<3.3	<3.3	<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	<83	2.7 J	<8.3	<83	<8.3	<8.3	270	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<4.2	<4.2	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	<57	3.2 J	<5.7	<57	<5.7	<5.7	160	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<2.9	<2.9	3.1 J	1.1 J	<5.7	<5.7	<57	<29	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	4.3 J	NA
UAW08-20	5/6/2001	150 J	41	<33	<330	20 J	<33	37	<67	<33	NA	<67	<33	<33	<33	<17	<17	32 J	NA	<33	NA	<170	NA	<33	1100	<33	<33	<33	NA	<67	140	<33
	11/13/2001	580 J	110	<100	130 J B	64 J	<100	61 J	<200	<100	NA	<200	<100	<100	<100	<50	<50	57 J	NA	42 J B	NA	<500	NA	<100	1400	<100	<100	<100	NA	<200	190	<100
	10/20/2002	250 J B	110	<33	NA	46	NA	48	<33	<33	NA	<33	<33	<33	NA	NA	NA	40	NA	15 J B	<33	NA	NA	NA	1100	NA	NA	NA	NA	NA	180	NA
	11/10/2003	<400	120	<40	<400	<40	<40	54	<40	<40	<40	<40	<40	<40	<40	<20	<20	44	<40	<40	<40	<400	<200	<40	1000	<40	<40	<40	<40	<40	190	NA
	3/29/2004	<500	92	<50	<500	51	<50	61	<50	<50	<50	<50	<50	<50	<50	<25	<25	54	<50	<50	<50	<500	<250	<50	1200	<50	<50	<50	<50	<50	230	NA
	11/4/2004	280 J B	150 B	<33	29 J	59	<33	62	<33	<33	<33	<33	<33	<33	<33	<17	<17	59	<33	25 J B	17 J	66 J	<170	<33	1100	<33	<33	<33	<33	<33	270	NA
	11/15/2005	260 U	150	<25	<250	61	<25	62	<25	<25	3.9 J	<25	<25	<25	<25	<12	<12	55	<25	<25	18 J	35 U	<120	<25	970	<25	<25	<25	<25	<25	240	NA
	11/9/2006	250	87	<10	27 J	17	<10	36	<10	<10	1.9 J	<10	<10	<10	<10	<5	<5	30	<10	5.7 J	8.0 J	44 J	<50	<10	260	<10	<10	<10	<10	<10	130	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	Acetone	Benzene	Bromodichloromethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Cyclohexane	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																																
UAW09-20	5/5/2001	<10	<1	0.49 J	<10	<1	<1	<1	<2	0.4 J	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	11/9/2001	<10	<1	0.2 J	<10	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	0.28 J B	<1	<2	<1	<1
	10/16/2002	<10	<1	<1	NA	<1	NA	<1	<1	<1	NA	<1	<1	<1	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	NA	NA	NA	<1	NA
	11/11/2003	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	4/6/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/6/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/10/2005	<10	<1	0.54 J	<10	<1	<1	<1	<1	0.74 J	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/3/2006	1.1 J	<1	1.3	<10	<1	<1	<1	<1	2.7	<1	<1	<1	<1	0.19 J	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	0.21 J	<1	<1	<1	<1	<1	<1	NA
UAW09-60	5/5/2001	<10	<1	<1	<10	<1	<1	<1	<2	0.4 J	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	11/9/2001	<10	<1	<1	<10	<1	<1	<1	<2	0.32 J	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	0.27 J B	<1	<2	<1	<1
	10/16/2002	<10	<1	<1	NA	<1	NA	<1	<1	<1	NA	<1	<1	<1	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	NA	NA	NA	<1	NA
	11/11/2003	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	4/6/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/6/2004	0.83 J B	<1	0.26 J	<10	<1	<1	<1	<1	6.1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/10/2005	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/3/2006	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW10-50	10/12/2001	1.1 J	<2	<2	<20	<2	<2	<2	<4	20	<2	<2	12	54	3.4	54	0.87 J	<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	3 J	<4	<4	5.3 J B	<4	<4	<4	<8	35	<4	<4	12	45	1.6 J	46	0.75 J	<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	1.9 J	<1.4	<1.4	NA	<1.4	NA	<1.4	0.44 J	13	NA	<1.4	13	23	NA	NA	NA	<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	<14	<1.4	<1.4	<14	<1.4	<1.4	<1.4	<1.4	24	<1.4	<1.4	14	10	1.7	38	0.97	<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	<100	<10	<10	<100	<10	<10	<10	<10	68	<10	<10	13	380	<10	59	<5	<10	<10	<10	<10	<100	<50	<10	<10	16	<10	<10	<10	<10	<10	NA
	11/5/2004	17 J B	<9.1	<9.1	<91	<9.1	<9.1	<9.1	6.8 J	29	<9.1	<9.1	11	230	<9.1	52	<4.5	<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	<50	<5	<5	<50	<5	<5	<5	<5	23	<5	<5	6.7	110	<5	45	2.8	<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	17 J	<14	<14	<140	<14	<14	<14	<14	22	<14	<14	5.4 J	420	<14	33	<7.1	<14	<14	7.6 J	<14	<140	<71	10 J	<14	11 J	<14	4.0 J	<14	<14	<14	NA
UAW10-80	10/12/2001	35 J	<67	<67	<670	<67	<67	<67	<130	24 J	<67	<67	<67	2200	<67	<33	<33	<67	<67	240	<67	<670	<330	<67	<67	<67	<67	<67	<67	23 J	<67	<67
	11/13/2001	<1700	<170	<170	190 J B	<170	<170	<170	<330	<170	<170	<170	<170	3500	<170	<83	<83	<170	<170	81 J B	<170	<1700	<830	<170	<170	<170	<170	<170	<170	<330	<170	<170
	10/19/2002	12 J	<6.7	<6.7	NA	<6.7	NA	<6.7	<6.7	<6.7	NA	<6.7	<6.7	67	NA	NA	NA	<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	<220	<22	<22	<220	<22	<22	<22	<22	<22	<22	<22	<22	530	<22	<11	<11	<22	<22	<22	<22	<220	<110	<22	<22	<22	<22	<22	<22	<22	<22	NA
	3/30/2004	<20	<2	<2	<20	<2	<2	<2	<2	<2	<2	<2	<2	63	<2	<1	<1	<2	<2	<2	<2	<20	<10	<2	<2	<2	<2	<2	<2	<2	<2	NA
	11/5/2004	3.4 J B	1 J B	<1.7	<17	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	49	<1.7	1	<0.84	<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	<25	<2.5	<2.5	<25	<2.5	<2.5	<2.5	1.3 J	0.47 J	<2.5	<2.5	<2.5	66	<2.5	0.97 J	<1.2	<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	<10	<1	<1	<10	<1	<1	<1	0.61 J	0.23 J	<1	<1	0.27 J	3.3	<1	0.56	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	0.47 J	<1	NA
UAW11-10	5/8/2001	32000	<500	<500	<5000	270 J	<500	<500	<1000	<500	<500	<500	<500	<500	<500	<250	<250	<500	<500	<500	<500	<5000	<2500	<500	<500	<500	<500	<500	<500	<1000	<500	<500
	11/10/2001	14000	<250	<250	<2500	<250	<250	<250	<500	<250	<250	<250	<250	<250	<250	<120	<120	<250	<250	190 J B	<250	<2500	<1200	<250	<250	<250	<250	<250	<250	<500	<250	<250
	10/18/2002	1100	<20	<20	NA	<20	NA	32	<20	<20	NA	<20	<20	<20	NA	NA	NA	<20	NA	20 B	<20	NA	NA	NA	<20	NA	NA	NA	NA	NA	<20	NA
	11/16/2003	350	<7.1	<7.1	<71	<7.1	<7.1	17	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<3.6	<3.6	<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	2000	<40	<40	<400	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<20	<20	<40	<40	<40	<40	<400	<200	<40	<40	<40	<40	<40	<40	<40	<40	NA
	11/7/2004	230 B	1.1 J	<5	3.4 J	<5	<5	11	<5	<5	<5	<5	1.8 J	<5	<5	1.4 J	<2.5	<5	<5	7.3 B	<5	<50	<25	<5	1.3 J	<5	<5	<5	<5	<5	<5	NA
	11/10/2005	160	0.89 J	<1	4.7 U	0.31 J	<1	5.3	<1	<1	<1	<1	1.1	<1	<1	0.77	<0.5	0.8 J	<1	<1	<1	4 U	<5	<1	0.82 J	<1	<1	<1	<1	<1	2.4	NA
	11/2/2006	1600	<33	<33	42 J	<33	<33	<33	<33	<33	<33	<33	<33	<33	<33	<17	<17	<33	<33	<33	<33	<330	<170	<33	<33	<33	<33	<33	<33	<33	<33	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	Acetone	Benzene	Bromodichloromethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Cyclohexane	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																																
UAW11-40	5/8/2001	<50	<5	<5	<50	<5	<5	3 J	<10	2.1 J	<5	<5	10	160	<5	12	<2.5	<5	<5	<5	<5	<50	<25	14	<5	15	<5	2.5 J	<5	<10	<5	12
	11/12/2001	6.6 J B	<5	<5	<50	<5	<5	3.2 J	<10	3.5 J	<5	<5	9.5	130	<5	12	<2.5	<5	<5	<5	<5	<50	<25	16	<5	13	<5	2.6 J	<5	<10	<5	12
	10/18/2002	<10	<1	<1	NA	<1	NA	3.6	<1	1.7	NA	<1	7	26	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	NA	NA	NA	<1	NA
	11/16/2003	<10	<1	<1	<10	<1	<1	2.4	<1	<1	<1	<1	4.8	11	<1	5.8	<0.5	<1	<1	<1	<1	<10	<5	21	<1	8.1	<1	2.1	<1	<1	<1	NA
	4/6/2004	<10	<1	<1	<10	<1	<1	2.4	<1	<1	<1	<1	4.5	7.3	<1	5.2	<0.5	<1	<1	<1	<1	<10	<5	20	<1	6.9	<1	2.2	<1	<1	<1	NA
UAW11-40 (Dup)	4/6/2004	<10	<1	<1	<10	<1	<1	2.3	<1	<1	<1	<1	4.5	7.2	<1	5.1	<0.5	<1	<1	<1	<1	<10	<5	21	<1	6.6	<1	2.1	<1	<1	<1	NA
	11/7/2004	0.79 J B	<1	<1	<10	<1	<1	2.3	<1	0.52 J	<1	<1	5.2	7.1	<1	6	0.31 J	<1	<1	<1	<1	<10	<5	26	<1	8.4	0.51 J	2.2	1.4	<1	<1	NA
	11/10/2005	0.79 J B	<1	<1	<10	<1	<1	2.2	<1	0.53 J	<1	<1	5.4	7.7	0.44 J	6.1	0.29 J	<1	<1	<1	<1	<10	<5	22	<1	7.3	0.51 J	2.1	0.76 J	<1	<1	NA
	11/2/2006	0.98 J	<1	<1	<10	<1	<1	1.6	<1	0.70 J	<1	<1	4.6	7.2	0.29 J	6.7	0.32 J	<1	<1	<1	<1	<10	<5	13	0.29 J	6.7	0.53 J	1.7	0.68 J	<1	<1	NA
UAW12-20	5/6/2001	<560	<56	<56	<560	<56	<56	920	<110	<56	NA	<110	<56	<56	<56	<28	<28	<56	NA	<56	NA	<280	NA	<56	<56	<56	<56	<56	NA	<110	<56	<56
	11/15/2001	<500	<50	<50	<500	<50	<50	1400	<100	<50	NA	<100	<50	<50	<50	<25	<25	<50	NA	79 B	NA	<250	NA	<50	<50	<50	<50	<50	NA	<100	<50	<50
	10/20/2002	97 J	<50	<50	NA	<50	NA	1300	<50	<50	NA	<50	<50	<50	NA	NA	NA	<50	NA	16 J B	<50	NA	NA	NA	<50	NA	NA	NA	NA	NA	<50	NA
	11/12/2003	<670	<67	<67	<670	<67	<67	1100	<67	<67	<67	<67	<67	<67	<67	<33	<33	<67	<67	<67	<67	<670	<330	<67	<67	<67	<67	<67	<67	<67	<67	NA
	3/28/2004	<560	<56	<56	<560	<56	<56	1400	<56	<56	<56	<56	<56	<56	<56	<28	<28	<56	<56	<56	<56	<560	<280	<56	<56	<56	<56	<56	<56	<56	<56	NA
	11/4/2004	250 J B	<71	<71	<710	20 J	<71	2400	<71	<71	<71	<71	<71	<71	<71	<36	<36	<71	<71	54 J B	<71	<710	<360	<71	<71	<71	<71	<71	<71	<71	<71	NA
	11/14/2005	<1000	<100	<100	<1000	<100	<100	2600	<100	<100	<100	<100	<100	<100	<100	<50	<50	<100	<100	<100	<100	<1000	<500	<100	<100	<100	<100	<100	<100	<100	<100	NA
	11/6/2006	<710	<71	<71	<710	<71	<71	2000	<71	<71	<71	<71	<71	<71	<71	<36	<36	<71	<71	<71	<71	<710	<360	<71	<71	<71	<71	<71	<71	<71	<71	NA
UAW13-20	5/6/2001	180	21	<10	<100	170	<10	20	<20	<10	NA	<20	4.9 J	<10	<10	1.7 J	<5	<10	NA	<10	NA	<50	NA	<10	250	<10	<10	<10	NA	<20	5.4 J	<10
	11/15/2001	450 B	20	<17	38 J	140	<17	31	<33	<17	NA	<33	<17	<17	<17	<8.3	<8.3	4.1 J	NA	25 B	NA	22 J	NA	<17	350	<17	<17	<17	NA	<33	9.1 J	<17
	10/23/2002	300 J	18 J	<40	NA	410	NA	38 J	<40	<40	NA	<40	<40	<40	NA	NA	NA	<40	NA	22 J	<40	NA	NA	NA	1400	NA	NA	NA	NA	NA	<40	NA
	11/12/2003	190	19	<10	<100	120	<10	29	<10	<10	<10	<10	<10	<10	<10	<5	<5	<10	<10	<10	<10	<100	<50	<10	210	<10	<10	<10	<10	<10	<10	NA
	3/28/2004	<200	<20	<20	<200	150	<20	28	<20	<20	<20	<20	<20	<20	<20	<10	<10	<20	<20	<20	<20	<200	<100	<20	97	<20	<20	<20	<20	<20	<20	NA
	11/5/2004	200 B	26 B	<20	21 J	180	<20	32	<20	<20	<20	<20	<20	<20	<20	<10	<10	<20	<20	<20	<20	36 J	<100	<20	52	<20	<20	<20	<20	<20	24	NA
	11/16/2005	95 J	22	<10	16 J	120	<10	40	<10	<10	<10	<10	<10	<10	<10	<5	<5	4.3 J	<10	<10	<10	7.2 J	<50	<10	23	<10	<10	<10	<10	<10	8.9 J	NA
	10/31/2006	110	15	<10	29 J	95	<10	39	<10	<10	<10	<10	<10	<10	<10	<5	<5	3.0 J	<10	<10	<10	8.5 J	<50	<10	13	<10	<10	<10	<10	<10	6.1 J	NA
UAW14-10	5/5/2001	<10	<1	<1	<10	<1	<1	<1	<2	0.37 J	<1	<1	<1	0.67 J	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	11/9/2001	<10	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	0.31 J B	<1	<2	<1	<1
	10/16/2002	<10	<1	<1	NA	<1	NA	<1	<1	<1	NA	<1	<1	<1	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	NA	NA	NA	<1	NA
	11/16/2003	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	4/5/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/6/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/16/2005	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/8/2006	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW15-20	5/6/2001	<10	<1	<1	<10	<1	<1	<1	<2	3.1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	11/11/2001	<10	<1	<1	<10	<1	<1	<1	<2	14	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	5.8	<1	<1	<1	<1	<2	<1	<1
	10/18/2002	<10	<1	<1	NA	0.24 J	NA	<1	<1	5.6	NA	<1	<1	<1	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	NA	NA	NA	<1	NA
	11/17/2003	<80	<8	<8	<80	<8	<8	<8	<8	190	<8	<8	<8	<8	<8	<4	<4	<8	<8	<8	<8	<80	<40	<8	<8	<8	<8	<8	<8	<8	<8	NA
	4/7/2004	<50	<5	<5	<50	<5	<5	<5	<5	120	<5	<5	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<50	<25	<5	<5	<5	<5	<5	<5	<5	<5	NA
	11/7/2004	5.5 J	<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	<3.3	<3.3	<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	3.8 U	<5	<5	<50	<5	2.1 J	<5	<5	150	<5	<5	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	<50	<25	<5	<5	<5	<5	<5	<5	<5	<5	NA
	11/2/2006	1.2 J	<1.4	<1.4	<14	<1.4	1.1 J	<1.4	<1.4	40	<1.4	<1.4	<1.4	<1.4	<1.4	<0.72	<0.72	<1.4	<1.4	<1.4	<1.4	<14	<7.2	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	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	Acetone	Benzene	Bromodichloromethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Cyclohexane	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																																
UAW15-50	5/6/2001	7300	<120	<120	<1200	<120	<120	<120	<250	<120	<120	<120	<120	<120	<120	<62	<62	<120	<120	<120	<120	<1200	<620	<120	230	<120	<120	<120	<120	<250	<120	<120
	11/11/2001	10000	<170	<170	<1700	<170	<170	25 J	<330	<170	<170	<170	<170	<170	<170	<83	<83	<170	<170	110 J B	<170	<1700	<830	<170	200	<170	<170	<170	<170	<330	<170	<170
	10/18/2002	280	<10	<10	NA	<10	NA	23	<10	<10	NA	<10	<10	<10	NA	NA	NA	<10	NA	6.3 J B	<10	NA	NA	NA	140	NA	NA	NA	NA	NA	<10	NA
	11/17/2003	<120	<12	<12	<120	<12	<12	21	<12	<12	<12	<12	<12	<12	<12	<6.2	<6.2	<12	<12	<12	<12	<120	<62	<12	87	<12	<12	<12	<12	<12	<12	NA
	4/7/2004	<200	<20	<20	<200	<20	<20	34	<20	<20	<20	<20	<20	<20	<20	<10	<10	<20	<20	<20	<20	<200	<100	<20	200	<20	<20	<20	<20	<20	<20	NA
	11/7/2004	20 J B	<10	<10	4.6 J	<10	<10	19	<10	<10	<10	<10	<10	<10	<10	<5	<5	<10	<10	<10	<10	6.2 J	<50	<10	64	<10	<10	<10	<10	<10	<10	NA
UAW15-50 (Dup)	11/7/2004	<100	2.8 J	<10	<100	<10	<10	23	<10	<10	<10	<10	<10	<10	<10	<5	<5	<10	<10	12 B	<10	18 J	<50	<10	79	<10	<10	<10	<10	<10	<10	NA
	11/15/2005	4.3 U	<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	<1.7	<1.7	<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	15 J	<5	<5	4.6 J	1.5 J	<5	25	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5	<5	<5	<5	<5	8.0 J	<25	<5	11	<5	<5	<5	<5	<5	<5	NA
UAW16-10	10/12/2001	8000	<120	<120	<1200	<120	<120	23 J	<250	<120	<120	<120	<120	<120	<120	<62	<62	<120	<120	<120	<120	<1200	<620	<120	<120	<120	<120	<120	<120	<250	<120	<120
UAW16-10 (Dup)	10/12/2001	6500	<100	<100	<1000	<100	<100	24 J	<200	<100	<100	<100	<100	<100	<100	<50	<50	<100	<100	<100	<100	<1000	<500	<100	<100	<100	<100	<100	<100	<200	<100	<100
	11/13/2001	6100	<100	<100	<1000	<100	<100	23 J	<200	<100	<100	<100	<100	<100	<100	<50	<50	<100	<100	57 J B	<100	<1000	<500	<100	<100	<100	<100	<100	<100	<200	<100	<100
	10/18/2002	3.7 J	0.58 J	<1	NA	<1	NA	21	<1	<1	NA	<1	<1	<1	NA	NA	NA	<1	NA	<1	1.8	NA	NA	NA	1.1	NA	NA	NA	NA	NA	<1	NA
	11/16/2003	<10	<1	<1	<10	<1	<1	17	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW16-10 (Dup)	11/17/2003	<10	<1	<1	<10	<1	<1	17	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	4/7/2004	<10	<1	<1	<10	<1	<1	11	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/7/2004	2.9 J B	0.28 J	<1	<10	0.34 J	<1	10	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	0.75 J	<10	<5	<1	0.3 J	<1	<1	<1	<1	<1	1.1	NA
	11/15/2005	<10	0.26 J	<1	<10	<1	<1	9.1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	0.21 J	<1	<1	0.95 J	34	<5	<1	0.84 J	<1	<1	<1	<1	<1	<1	NA
	11/6/2006	4.2 J	0.38 J	<1	<10	0.35 J	<1	5.8	<1	<1	0.21 J	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	0.30 J	<1	<1	<1	<1	<1	<1	NA
UAW17-40	5/5/2001	<10	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	11/9/2001	<10	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	0.24 J B	<1	<2	<1	<1
	10/16/2002	<10	<1	<1	NA	<1	NA	<1	<1	<1	NA	<1	<1	<1	<1	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	<1	NA	NA	<1	NA
	11/16/2003	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	3/31/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/6/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/14/2005	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	10/31/2006	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW18-20	10/12/2001	1.4 J	<1	<1	0.42 J	5.7	<1	2.2	<2	<1	<1	<1	0.29 J	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	0.22 J	<1	<1	<1	<1	<2	<1	<1
	11/13/2001	4.5 J	<2	<2	1.4 J B	1.9 J	<2	1.7 J	<4	<2	<2	<2	0.49 J	<2	<2	<1	<1	<2	<2	<2	<2	<20	<10	<2	<2	<2	<2	<2	<2	<4	<2	<2
	10/18/2002	<10	<1	<1	NA	0.7 J	NA	2.3	<1	<1	NA	<1	0.54 J	<1	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	NA	NA	NA	<1	NA
	11/16/2003	<10	<1	<1	<10	<1	<1	2.1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	4/7/2004	<10	<1	<1	<10	<1	<1	1.7	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/7/2004	1.6 J B	<1	<1	0.88 J	0.78 J	<1	1.5	<1	1.2	0.87 J	<1	<1	<1	<1	<0.5	<0.5	<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	5.1 U	<1	<1	<10	<1	<1	0.42 J	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	0.92 U	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/6/2006	4.9 J	0.25 J	<1	<10	1.1	<1	3	<1	<1	0.13 J	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	0.71 J	<5	<1	0.31 J	<1	<1	<1	<1	<1	<1	NA
UAW19-80	5/6/2001	<17	<1.7	<1.7	<17	<1.7	<1.7	<1.7	<3.3	19	<1.7	<1.7	5.7	45	<1.7	1.3	<0.84	<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	1.3 J B	<1	<1	<10	<1	<1	<1	<2	12	<1	<1	4.8	33	0.29 J	1.3	<0.5	<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	6.3 J B	<5	<5	<50	<5	<5	3.3 J	<10	3.7 J	<5	<5	9.8	140	<5	13	<2.5	<5	<5	<5	<5	<50	<25	15	<5	13	<5	2.7 J	<5	<10	<5	13
	10/17/2002	<10	<1	<1	NA	<1	NA	<1	<1	6	NA	<1	8.4	26	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	NA	NA	NA	<1	NA
UAW19-80 (Dup)	10/17/2002	<10	<1	<1	NA	<1	NA	<1	<1	5.7	NA	<1	8.1	25	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	NA	NA	NA	<1	NA
	11/13/2003	<10	<1	<1	<10	<1	<1	<1	<1	1.2	<1	<1	11	26	<1	5.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	1.9	<1	<1	<1	<1	<1	NA
	3/30/2004	<10	<1	<1	<10	<1	<1	<1	<1	1.1	<1	<1	14	24	1.3	6.8	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	2.5	<1	<1	<1	<1	<1	NA
	11/5/2004	2.7 J B	0.29 J B	<1	<10	<1	<1	<1	<1	1.1	<1	<1	14	25	1.8	7.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	2.8	<1	<1	<1	<1	<1	NA
	11/11/2005	<10	<1	<1	<10	<1	<1	<1	0.77 J	1.5	<1	<1	16	35	1.8	11	0.46 J	<1	<1	<1	<1	<10	<5	<1	<1	5.4	0.32 J	<1	<1	<1	<1	NA
UAW19-80(DUP)	11/11/2005	<10	<1	<1	<10	<1	<1	<1	0.73 J	1.5	<1	<1	16	35	1.8	11	0.45 J	<1	<1	<1	<1	<10	<5	<1	<1	5.3	0.35 J	<1	<1	<1	<1	NA
	11/8/2006	<10	<1	<1	<10	<1	<1	<1	0.35 J	1.3	<1	<1	15	35	1.8	14	0.48 J	<1	<1	<1	<1	<10	<5	<1	<1	6.4	0.29 J	<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	Acetone	Benzene	Bromodichloromethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Cyclohexane	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																																
UAW20-60	5/7/2001	<100	<10	<10	<100	<10	<10	<10	<20	40	<10	<10	55	300	11	100	2 J	<10	<10	<10	<10	<100	<50	17	<10	83	3.4 J	6.4 J	3.7 J	<20	<10	110
	11/14/2001	7.8 J	<11	<11	<110	<11	<11	<11	<22	39	<11	<11	52	310	10 J	92	2.5 J	<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	<110	<11	<11	<110	<11	<11	<11	<22	41	<11	<11	58	320	11	99	1.8 J	<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	21 J	<12	<12	NA	<12	NA	<12	4.4 J	35	NA	<12	38	410	NA	NA	NA	<12	NA	5.3 J B	<12	NA	NA	NA	<12	NA	NA	NA	NA	NA	<12	NA
UAW20-60 (Dup)	10/19/2002	28 J	<15	<15	NA	<15	NA	<15	<15	31	NA	<15	35	380	NA	NA	NA	<15	NA	6.7 J B	<15	NA	NA	NA	<15	NA	NA	NA	NA	NA	<15	NA
	11/13/2003	<220	<22	<22	<220	<22	<22	<22	<22	65	<22	<22	32	560	<22	73	<11	<22	<22	<22	<22	<220	<110	32	<22	69	<22	<22	<22	<22	<22	NA
	3/30/2004	<330	<33	<33	<330	<33	<33	<33	<33	53	<33	<33	<33	730	<33	57	<17	<33	<33	<33	<33	<330	<170	<33	<33	39	<33	<33	<33	<33	<33	NA
	11/5/2004	130 J B	9.3 J B	<40	<400	<40	<40	<40	<40	71	<40	<40	42	1200	19 J	80	<20	<40	<40	36 J B	<40	<400	<200	41	<40	60	<40	<40	<40	<40	<40	NA
	11/11/2005	<500	<50	<50	<500	<50	<50	<50	40 J	70	<50	<50	43 J	1500	9.6 J	81	<25	<50	<50	18 U	<50	<500	<250	43 J	<50	69	<50	<50	<50	<50	<50	NA
	11/7/2006	45 J	<50	<50	<500	<50	<50	<50	<50	82	<50	<50	26 J	1600	9.8 J	63	<25	<50	<50	<50	<50	<500	<250	55	<50	56	<50	<50	<50	<50	<50	NA
UAW21-30	5/5/2001	<10	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	11/11/2001	0.8 J B	<1	<1	<10	<1	<1	<1	<2	0.23 J	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	10/18/2002	<10	<1	<1	NA	<1	NA	<1	<1	<1	NA	<1	<1	<1	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	NA	NA	NA	<1	NA
	11/11/2003	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	3/27/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/3/2004	<10	<1	<1	<10	<1	<1	<1	<1	0.33 J	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	0.45 J	<1	<1	<1	<1	<1	<1	<1	NA
	11/9/2005	<10	<1	<1	<10	<1	<1	<1	<1	0.30 J	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	0.22 J	<1	<1	<1	<1	<1	<1	<1	NA
	11/9/2006	<10	<1	<1	<10	<1	<1	<1	<1	0.58 J	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW21-80	5/5/2001	<10	<1	<1	<10	<1	<1	<1	<2	0.43 J	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	11/11/2001	1.3 J B	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	10/18/2002	<10	<1	<1	NA	<1	NA	<1	<1	<1	NA	<1	<1	<1	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	NA	NA	NA	<1	NA
	11/11/2003	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	3/27/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/3/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/8/2005	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	0.22 J	<1	NA
	11/8/2006	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW22-20	10/13/2001	6.2 J B	1.3 J	<2.5	<25	<2.5	<2.5	29	<5	<2.5	<2.5	<2.5	53	2.5	<2.5	6.9	<1.2	<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	5.3 J	2.2 J	<6.9	10 J B	<6.9	<6.9	38	<14	<6.9	<6.9	<6.9	66	2.3 J	<6.9	16	<3.4	<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	3700 B	<50	<50	NA	<50	NA	95	<50	<50	NA	<50	<50	<50	NA	NA	NA	<50	NA	32 J	<50	NA	NA	NA	<50	NA	NA	NA	NA	NA	<50	NA
	11/10/2003	<20	<2	<2	<20	<2	<2	65	<2	<2	<2	<2	12	2.7	<2	2.8	<1	<2	<2	<2	<2	<20	<10	<2	<2	<2	<2	<2	<2	7.5	<2	NA
	3/29/2004	<10	<1	<1	<10	<1	<1	34	<1	<1	<1	<1	8.1	2	<1	1.6	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	3.3	<1	NA
	11/4/2004	7.5 J B	2.6 B	<2.5	<25	<2.5	<2.5	53	<2.5	<2.5	<2.5	<2.5	39	1.5 J	<2.5	17	<1.2	<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	5.6 U	1.6 J	<2	<20	<2	<2	24	<2	<2	<2	<2	18	0.81 J	<2.0	3.2	<1	<2	<2	<2	<2	<20	<10	<2	0.58 J	<2	<2	<2	<2	5.6	<2	NA
	11/9/2006	3.9 J	<2.5	<2.5	<25	<2.5	<2.5	24	<2.5	<2.5	<2.5	<2.5	3.9	2.5	<2.5	1.1 J	<1.2	<2.5	<2.5	2.1 J	<2.5	<25	<12	<2.5	0.54 J	<2.5	<2.5	<2.5	<2.5	1.3 J	<2.5	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	Acetone	Benzene	Bromodichloromethane	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Cyclohexane	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																																
UAW23-20	10/12/2001	11 J	<20	<20	<200	<20	<20	<20	<40	67	<20	<20	20	660	<20	25	<10	<20	<20	<20	<20	<200	<100	82	<20	51	6.3 J	8.4 J	<20	<40	<20	25
	11/14/2001	<200	<20	<20	<200	<20	<20	<20	<40	60	<20	<20	17 J	510	<20	21	<10	<20	<20	15 J B	<20	<200	<100	61	<20	50	<20	8.8 J	<20	<40	<20	21
	10/19/2002	<12	<1.2	<1.2	NA	<1.2	NA	<1.2	<1.2	31	NA	<1.2	11	34	<1.2	NA	NA	<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	<17	<1.7	<1.7	<17	<1.7	<1.7	<1.7	<1.7	7.7	<1.7	<1.7	10	20	<1.7	11	<0.84	<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	<14	<1.4	<1.4	<14	<1.4	<1.4	<1.4	<1.4	8	<1.4	<1.4	10	21	<1.4	10	0.84	<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	<10	0.25 J B	<1	<10	<1	<1	<1	<1	5.4	<1	<1	9.1	5.6	2.8	9.3	0.6	<1	<1	<1	<1	<10	<5	47	<1	16	2.6	5.1	<1	<1	<1	NA
	11/14/2005	<14	<1.4	<1.4	<14	<1.4	<1.4	<1.4	<1.4	29	<1.4	<1.4	5.9	0.52 J	0.59 J	6.8	0.62 J	<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	<10	<1	<1	<10	<1	<1	<1	<1	37	<1	<1	5.8	0.32 J	0.38 J	6.6	0.85	<1	<1	<1	<1	<10	<5	27	<1	14	2.6	3.8	1.9	<1	<1	NA
UAW24-70	10/13/2001	<10	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	11/15/2001	2.9 J B	<1	<1	<10	1.5	<1	<1	<2	<1	<1	<1	<1	0.65 J	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<2	<1	<1
	10/17/2002	<10	<1	<1	NA	0.55 J	NA	<1	<1	<1	NA	<1	<1	<1	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	0.48 J	NA	NA	NA	NA	NA	<1	NA
	11/16/2003	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	4/5/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/6/2004	<10	<1	<1	0.5 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/16/2005	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	10/31/2006	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	0.31 J	<1	<1	<1	<1	<1	<1	NA
UAW25-20	10/13/2001	1.5 J B	0.6 J	<1	0.48 J	<1	<1	9	<2	<1	<1	<1	0.28 J	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	0.61 J	<1	<1	<1	<1	<2	<1	<1
	11/13/2001	2.3 J	0.33 J	<1	<10	<1	<1	11	<2	<1	<1	<1	0.17 J	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	0.77 J	<1	<1	<1	<1	<2	<1	<1
	10/18/2002	<10	<1	<1	NA	<1	NA	18	<1	<1	NA	<1	0.5 J	<1	NA	NA	NA	<1	NA	<1	<1	NA	NA	NA	<1	NA	NA	NA	NA	NA	<1	NA
	11/12/2003	<10	<1	<1	<10	<1	<1	11	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	3/27/2004	<10	<1	<1	<10	<1	<1	8	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/3/2004	0.79 J	<1	<1	<10	<1	<1	7.9	<1	<1	1.2	<1	<1	<1	<1	<0.5	<0.5	<1	0.57 J	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	0.48 J	NA
	11/9/2005	<10	<1	<1	<10	<1	<1	6	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/8/2006	<10	<1	<1	<10	<1	<1	6.4	<1	<1	<1	<1	<1	0.95 J	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	0.19 J	<1	<1	<1	<1	<1	<1	<1	NA
UAW26-70	4/6/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/6/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/10/2005	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	0.21 J	<1	<1	<1	<1	<1	<1	NA
	11/7/2006	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
UAW27-50	3/31/2004	<10	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	10	<1	<1	5.2	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
	11/5/2004	<10	<1	<1	<10	<1	<1	<1	<1	0.42 J	<1	<1	9.9	0.52 J	0.66 J	5.4	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	0.98 J	<1	<1	<1	<1	<1	NA
	11/11/2005	<10	<1	<1	<10	<1	<1	<1	<1	0.51 J	<1	<1	10	0.58 J	0.79 J	7.1	0.27 J	<1	<1	<1	<1	<10	<5	<1	<1	1.6	<1	<1	<1	<1	<1	NA
	11/1/2006	<10	<1	<1	<10	<1	<1	<1	<1	0.33 J	<1	<1	6.4	0.40 J	0.54 J	5.5	0.24 J	<1	<1	<1	<1	<10	<5	<1	0.41 J	1.1	<1	<1	<1	<1	<1	NA
LAW05-150	3/16/2002	<200	<20	<20	<200	<20	<20	<20	<40	<20	NA	<40	25	450	<20	26	4 J	<20	NA	<20	NA	<100	NA	<20	<20	<20	<20	<20	NA	<40	<20	30
LAW05-150 (Dup)	3/16/2002	<200	<20	<20	<200	<20	<20	<20	<40	<20	NA	<40	24	450	<20	26	4.6 J	<20	NA	<20	NA	<100	NA	<20	<20	<20	<20	<20	NA	<40	<20	30
LAW05-60	3/16/2002	5.5 J	<2.9	<2.9	<29	<2.9	<2.9	<2.9	<5.7	1 J	NA	<5.7	46	<2.9	9.8	64	3.5	<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	0.55 J B	<1	<1	<10	<1	<1	0.14 J	<2	<1	NA	<2	2.3	4.6	<1	5.3	0.73	<1	NA	<1	NA	<5	NA	<1	<1	<1	<1	<1	NA	0.2 J	<1	6
	11/16/2001	1.5 J	<1	<1	<10	<1	<1	<1	<2	<1	NA	<2	2.5	4.8	<1	5.1	0.68	<1	NA	<1	NA	<5	NA	<1	<1	<1	<1	<1	NA	<2	<1	5.8

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	2-Butanone	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Cyclohexane	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylene chloride	Methylcyclohexane	4-Methyl-2-pentanone	Methyl tert-butyl ether	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,1,2-Trichloro-1,2,2-trifluoroethane	Vinyl chloride	Xylenes (total)	1,2-Dichloroethene (total)
Groundwater																																
CINEB-1	11/11/2005	5.5 J B	<1	<1	0.71 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
5CINTB-1	11/15/2005	5.7 J B	<1	<1	0.8 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	0.9 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
8CINTB-1	11/8/2005	8.6 J	<1	<1	0.83 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	0.73 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
9CINTB-1	11/9/2005	8.4 J	<1	<1	0.88 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	0.69 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
10CINTB-1	11/10/2005	1.1 J	<1	<1	0.45 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	0.69 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
6CINTB-1	11/16/2005	3.2 J	<1	<1	0.48 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	0.51 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
4CINTB-1	11/14/2005	9.2 J	<1	<1	0.82 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	0.62 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
11CINTB-1	11/11/2005	4.8 J B	<1	<1	0.65 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	0.73 J	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
CINFB-1	11/8/2006	12	<1	<1	2.1 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
CINTB-2	11/8/2006	3.5 J	<1	<1	0.41 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
CINEB-1	11/6/2006	11	<1	<1	2.2 J	0.78 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
CINTB-1	11/6/2006	3.8 J	<1	<1	0.61 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
CINTB-2	11/6/2006	3.7 J	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
CINFB-1	11/6/2006	15	<1	<1	2.6 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
CINTB-3	11/7/2006	4.1 J	<1	<1	0.62 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
CINEB-1	11/2/2006	13	<1	<1	2.2 J	0.40 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	NA
French Drain Sump @ 46 hr	10/19/2002	210	<8	<8	NA	2.1 J	NA	120	<8	<8	NA	<8	<8	<8	NA	NA	NA	<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	230	2.1 J	<5	NA	2.2 J	NA	110	<5	<5	NA	<5	<5	<5	NA	NA	NA	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	2.1 J B	1.1	<1	NA	0.97 J	NA	11	<2	<1	NA	<1	1	<1	NA	NA	NA	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	3.1 J B	0.92 J	<1.8	NA	1.1 J	NA	24	<3.6	<1.8	NA	<1.8	0.55 J	<1.8	NA	NA	NA	<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	Acetophenone	Benzaldehyde	1,1'-Biphenyl	bis(2-Ethylhexyl) phthala	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloro-3-methylphenol	2-Chlorophenol	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	Fluorene	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	Phenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene*	1,3-Dichlorobenzene*	1,4-Dichlorobenzene*	1,4-Dioxane
Groundwater																												
MW-EPA-1	5/8/2001	NA	<120		<120	<120	<120	<120	<120	<120		<120	<120		<120	<120		<120	<120	<120	<120	<120	<120	<120	940	<120	160	NA
	11/15/2001	NA	<200		<200	<200	<200	<200	<200	<200		<200	<200		<200	<200		<200	<200	<200	<200	<200	<200	<200	1700	35 J	260	NA
	10/20/2002	<1000	NA		<1000	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<1000	<1000	NA	NA	NA	1900	NA	300 J	NA
	11/12/2003	<500	<500		<500	<500	<500	<500	<500	<500		<500	<500		<500	<500		<500	<500	<500	<500	<500	<500	<500	1700	<500	<500	NA
	3/28/2004	<500	<500		<500	<500	<500	<500	<500	<500		<500	<500		<500	<500		<500	<500	<500	<500	<500	<500	<500	1300	<500	<500	NA
	11/4/2004	28 J	<500		<500	<500	<500	<500	<500	<500		<500	<500		<500	<500		<500	<500	<500	<500	<500	<500	<500	1100	35 J	250 J	NA
	11/15/2005	37	<10		3.2 J	<10	1.7 U	<10	3.6 J	<10		<10	0.96 J		<10	<10		<10	<10	<10	<10	<10	<10	<56	1000	33 J	220	NA
	11/8/2006	36 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	16 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	11 J	<50	<120	1000	46 J	330	
MW-EPA-2	5/8/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/14/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/20/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	<10	NA	<10	NA
	11/11/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	3/29/2004	<10	<10		<10	<10	34	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/4/2004	<10	<10		<10	<10	<10	<10	1.7 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/11/2005	<10	<10		<10	<10	0.78 U	<10	3.2 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<2	<2	<2	<2	NA
	11/9/2006	<10	<10	<10	<10	<10	0.90 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<14	<14	<14	
MW-EPA-3	5/6/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/13/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/17/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	<10	NA	<10	NA
	11/13/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	3/30/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/4/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
	11/11/2005	<10	<10		<10	<10	0.48 U	<10	1.6 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
	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		<1	<1	<1	
MW-EPA-4	5/8/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/13/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/18/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	<10	NA	<10	NA
	11/16/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	4/6/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/6/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/10/2005	<10	<10		<10	<10	0.65 U	<10	1.2 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
	11/7/2006	<10	<10	<10	<10	<10	1.3 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1	<1	<1	
Recovery Well	7/29/2001	4.6 J	<10		NA	NA	<10	<10	NA	NA		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	2.4 J	<10	<10	<10
UAW01-30	5/4/2001	NA	<10		<10	<10	3.4 J	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/8/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/17/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	<10	NA	<10	NA
	11/11/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	3/24/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/3/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/8/2005	<10	<10		<10	<10	1.2 J	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
UAW01-30(DUP)	11/8/2005	<10	<10		<10	<10	3.9 U	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
	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		<1	<1	<1	

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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	Aniline	Acenaphthene	Acetophenone	Benzaldehyde	1,1'-Biphenyl	bis(2-Ethylhexyl) phthala	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloro-3-methylphenol	2-Chlorophenol	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	Fluorene	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	Phenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene*	1,3-Dichlorobenzene*	1,4-Dichlorobenzene*	1,4-Dioxane
Groundwater																												
UAW01-80	5/12/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<0.050	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/15/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<0.050	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/19/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<0.050	<10	<10	<10	<10	<10	<10	<10	<10	NA
	4/10/2004	<67	<67		<67	<67	<67	<67	<67	<67		<67	<67		<67	<67		<67	<0.050	<67	<67	<10	<67	<67	<67	<67	<67	NA
	11/6/2004	<10	<10		<10	<10	1.5 J B	<10	<10	<10		<10	<10		<10	<10		<10	<0.050	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/8/2005	<10	<10		<10	<10	1.2 U	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
	11/1/2006	<10	<10	<10	<10	<10	1.0 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	0.45 J	<10		<1	<1	<1	
UAW02-20	5/7/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	12	<10	3.7 J	NA
UAW02-20 (Dup)	5/7/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	11	<10	3.5 J	NA
	11/10/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	12	<10	4.1 J	NA
	10/17/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	5.1 J	NA	1.7 J	NA
	11/12/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	3/26/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/3/2004	1.5 J	<10		<10	<10	3.2 J B	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	10	<10	3.8 J	NA
	11/9/2005	0.69 J	<10		<10	<10	<10	<10	1.3 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	15	0.61 J	6.1	NA
	11/3/2006	1.0 J	<10	<10	<10	<10	3.6 J	<10	1.5 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		7.2	0.27 J	2.9	
UAW02-40	5/13/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<0.050	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/14/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<0.050	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/17/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	<0.050	<10	<10	<10	NA	NA	<10	NA	<10	NA
	11/20/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<0.050	<10	<10	<10	<10	<10	<10	<10	<10	NA
	4/12/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<0.050	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/6/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<0.050	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/9/2005	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1.7	<1.7	<1.7	<1.7	NA
	11/3/2006	<10	<10	<10	<10	<10	2.0 J	<10	1.6 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1.2	<1.2	<1.2	
UAW02-40 (Dup)	11/3/2006	<10	<10	<10	<10	<10	8.7 J	<10	1.6 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1.4	<1.4	<1.4	
UAW03-20	5/7/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	7.7 J #	<10	<10	<10	19	<10	3.3 J	NA
	11/11/2001	NA	<20		<20	<20	<20	<20	<20	<20		<20	<20		<20	<20		<20	<20	<20	<20	<20	<20	<20	140	3.5 J	19 J	NA
	10/23/2002	11 J	NA		<67	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<67	<67	NA	NA	NA	190	NA	27 J	NA
	11/12/2003	<100	<100		<100	<100	<100	<100	<100	<100		<100	<100		<100	<100		<100	<100	<100	<100	<100	<100	<100	190	<100	<100	NA
	3/28/2004	<100	<100		<100	<100	<100	<100	<100	<100		<100	<100		<100	<100		<100	<100	<100	<100	<100	<100	<100	360	<100	<100	NA
	11/4/2004	6.2 J	<67		<67	<67	<67	<67	<67	<67		<67	<67		<67	<67		<67	<67	<67	<67	<67	<67	<67	220	5 J	36 J	NA
UAW03-20 (Dup)	11/4/2004	5.2 J	<40		<40	<40	<40	<40	<40	<40		<40	<40		<40	<40		<40	<40	<40	<40	<40	<40	<40	160	4 J	26 J	NA
	11/9/2005	1.5 J	<10		<10	<10	0.57 U	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<4	150	3.5 J	20	NA
	11/6/2006	<10	<10	<10	<10	<10	1.2 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		0.45 J	<1	<1	
UAW04-20	5/7/2001	NA	<40		53	<40	<40	<40	<40	<40		<40	<40		<40	<40		<40	<40	140	150 #	<40	<40	<40	<40	<40	<40	NA
	11/11/2001	NA	<100		<100	<100	<100	<100	<100	<100		<100	<100		<100	<100		<100	<100	47 J	57 J #	<100	<100	<100	<100	<100	<100	NA
	10/20/2002	410	NA		<120	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<120	<120	NA	NA	NA	<120	NA	<120	NA
	11/12/2003	12	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	3/28/2004	<50	<50		<50	<50	<50	<50	<50	<50		<50	<50		<50	<50		<50	<50	79	<50	<50	<50	<50	<50	<50	<50	NA
	11/3/2004	4.6 J	<50		<50	<50	<50	<50	<50	<50		<50	<50		<50	<50		<50	<50	15 J	28 J #	<50	<50	<50	3.8 J	<50	<50	NA
	11/9/2005	2.6 J	<10		<10	<10	0.65 U	<10	0.88 J	<10		<10	<10		<10	<10		<10	<10	0.86 J	1.4 J,#	<10	<10	<10	<10	<10	<10	NA
	11/6/2006	<10	<10	<10	<10	<10	2.0 J	<10	3.7 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	12	12	<10	<10		<140	<140	<140	
UAW04-20 (Re-analysis)	11/6/2006	<25	<25	<25	<25	<25	<25	<25	6.1 J	<25	<25	<25	<25	<25	9.3 J	<25	<25	<25	<25	59	3.4 J	<25	<25		NA	NA	NA	
UAW04-20 (Dup)	11/6/2006	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	9.5 J	12 J	<40	<40		<140	<140	<140	

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	Acetophenone	Benzaldehyde	1,1'-Biphenyl	bis(2-Ethylhexyl) phthala	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloro-3-methylphenol	2-Chlorophenol	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	Fluorene	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	Phenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene*	1,3-Dichlorobenzene*	1,4-Dichlorobenzene*	1,4-Dioxane
Groundwater																												
UAW05-20	5/6/2001	NA	<100		<100	<100	<100	<100	<100	<100		<100	<100		<100	<100		<100	<100	<100	<100	<100	<100	<100	880	<100	120	NA
	10/10/2001	NA	<10		<10	<10	<10	<10	<10	<10		6.3 J	2.8 J		<10	<10		<10	<10	<10	<10	<10	<10	2.4 J	NA	20	NA	NA
	11/12/2001	NA	<100		<100	<100	<100	<100	<100	<100		<100	<100		<100	<100		<100	<100	<100	<100	<100	<100	<100	590	16 J	82 J	NA
	10/20/2002	<200	NA		<200	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<200	<200	NA	NA	NA	540	NA	82 J	NA
	11/10/2003	<50	<50		<50	<50	<50	<50	<50	<50		<50	<50		<50	<50		<50	<50	<50	<50	<50	<50	<50	200	<50	63	NA
	3/28/2004	<25	<25		<25	<25	<25	<25	<25	<25		<25	<25		<25	<25		<25	<25	<25	<25	<25	<25	<25	91	<25	44	NA
UAW05-20 (Dup)	3/28/2004	<40	<40		<40	<40	<40	<40	<40	<40		<40	<40		<40	<40		<40	<40	<40	<40	<40	<40	<40	95	<40	47	NA
	11/4/2004	10 J	<25		1.7 J	<25	<25	<25	<25	<25		<25	<25		<25	<25		<25	<25	<25	<25	<25	<25	<25	90	7.3 J	52	NA
	11/14/2005	10 J	<25		3.7 J	<25	<25	<25	<25	<25		<25	<25		<25	<25		<25	<25	<25	<25	<25	1.9 J	<20	100	9.4 J	71	NA
	11/9/2006	7.4 J	<10	<10	<10	<10	1.4 J	<10	2.7 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	2.1 J	<10		41	5.1 J	45	
UAW06-20	5/6/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	14	<10	<10	NA
	10/10/2001	NA	<25		<25	<25	<25	<25	<25	<25		<25	<25		<25	<25		<25	<25	<25	<25	<25	<25	<25	16 J	<25	<25	NA
	11/13/2001	NA	6.4 J		<25	7.3 J	<25	<25	<25	<25		<25	<25		<25	<25		5.9 J	<25	<25	5.4 J #	<25	<25	<25	25	<25	4 J	NA
	10/20/2002	37 J	NA		<50	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<50	<50	NA	NA	NA	18 J	NA	<50	NA
	11/12/2003	<100	<100		<100	<100	<100	<100	<100	<100		<100	<100		<100	<100		<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	NA
	3/29/2004	<20	<20		<20	<20	<20	<20	<20	<20		<20	<20		<20	<20		<20	<20	<20	<20	<20	<20	<20	41	<20	<20	NA
	11/4/2004	<40	<40		<40	<40	<40	<40	5.5 J	<40		<40	<40		<40	<40		<40	<40	<40	<40	<40	<40	<40	52	<40	5.1 J	NA
	11/15/2005	3.0 J	1.7 J		<10	<10	2.4 U	<10	11	<10		<10	<10		<10	<10		0.87 J	<10	<10	<10	<10	<10	<3.3	100	1.7 J	10	NA
	11/9/2006	5.2 J	1.2 J	<50	<50	<50	<50	<50	7.7 J	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50		140	2.1 J	13	
UAW07-20	5/8/2001	150	<100		NA	NA	<100	<100	NA	<100		<100	<100		<100	<100		<100	<100	<100	<100	<100	<100	<100	37 J	<100	<100	<100
UAW07-20 (Dup)	5/8/2001	44	<25		NA	NA	<25	<25	NA	NA		<25	<25		<25	<25		<25	<25	<25	<25	<25	<25	<25	34	<25	<25	<25
	11/15/2001	120	<40		NA	NA	<40	<40	NA	NA		<40	<40		<40	<40		<40	<40	<40	<40	<40	<40	<40	57	<40	8 J	<40
	10/20/2002	9.1 J	NA		<40	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<40	<40	NA	NA	NA	61	NA	7.2 J	NA
	11/12/2003	<50	<50		<50	62	<50	<50	<50	<50		<50	<50		<50	<50		<50	<50	<50	<50	<50	<50	<50	100	<50	<50	NA
UAW07-20 (Dup)	11/12/2003	<40	<40		<40	56	<40	<40	<40	<40		<40	<40		<40	<40		<40	<40	<40	<40	<40	<40	<40	83	<40	<40	NA
	4/5/2004	<100	<100		<100	<100	<100	<100	<100	<100		<100	<100		<100	<100		<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	NA
	11/4/2004	19 J	<100		<100	60 J	<100	<100	<100	<100		<100	<100		<100	<100		<100	<100	<100	<100	<100	<100	<100	100	<100	12 J	NA
	11/15/2005	7.7 J	<10		1.3 J	15	1.6 U	<10	3.4 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<8.3	180	1.7 J	17	NA
	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		71	1.4 J	10	
UAW08-20	5/6/2001	12000	<1700		NA	NA	<1700	<1700	NA	NA		<1700	<1700		<1700	<1700		<1700	<1700	<1700	<1700	<1700	<1700	<1700	<1700	<1700	<1700	<1700
	11/13/2001	12000	<1300		NA	NA	<1300	<1300	NA	NA		<1300	<1300		<1300	<1300		<1300	<1300	<1300	330 J #	<1300	<1300	<1300	530 J	<1300	<1300	<1300
	10/20/2002	4400	NA		<1000	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<1000	200 J	NA	NA	NA	280 J	NA	<1000	NA
	11/10/2003	8300	<2500		<2500	<2500	<2500	<2500	<2500	<2500		<2500	<2500		<2500	<2500		<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	NA
	3/29/2004	5900	<4000		<4000	<4000	<4000	<4000	<4000	<4000		<4000	<4000		<4000	<4000		<4000	<4000	<4000	<4000	<4000	<4000	<4000	<4000	<4000	<4000	NA
	11/4/2004	5900	<2000		<2000	<2000	<2000	<2000	<2000	<2000		<2000	<2000		<2000	<2000		<2000	<2000	<2000	<2000	<2000	160 J	<2000	380 J	<2000	<2000	NA
	11/15/2005	3000	<1000		<1000	<1000	<1000	<1000	<1000	<1000		<1000	<1000		<1000	<1000		<1000	<1000	<1000	140 J,#	<1000	92 J	<25	380	7.6 J	41	NA
	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		230	3.9 J	22	

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

SAMPLE LOCATION	SAMPLE DATE	Aniline	Acenaphthene	Acetophenone	Benzaldehyde	1,1'-Biphenyl	bis(2-Ethylhexyl) phthala	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloro-3-methylphenol	2-Chlorophenol	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	Fluorene	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	Phenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene*	1,3-Dichlorobenzene*	1,4-Dichlorobenzene*	1,4-Dioxane
Groundwater																												
UAW09-20	5/5/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/14/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/16/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	<10	NA	<10	NA
	11/11/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	4/6/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/6/2004	<10	<10		<10	<10	0.4 J	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
UAW09-20(DUP)	11/15/2005	<10	<10		<10	<10	0.57 J	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
	11/10/2005	<10	<10		<10	<10	0.77 U	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
	11/3/2006	<10	<10	<10	<10	<10	1.5 J	<10	1.6 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1	<1	<1	
UAW09-60	5/11/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/9/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/16/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	<10	NA	NA	<10	NA	<10	NA
	11/24/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
UAW09-60(DUP)	11/24/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/6/2004	<10	<10		<10	<10	3.5 J	<10	<10	<10		<10	<10		<10	<10		<10	NA	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/10/2005	<10	<10		<10	<10	0.57 U	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
	11/3/2006	<10	<10	<10	<10	<10	1.6 J	<10	1.5 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1	<1	<1	
UAW10-50	10/12/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/13/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	5 J	<10	2.3 J	NA
	10/19/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	<10	NA	<10	NA
	11/24/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	4/8/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/12/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/11/2005	<10	<10		<10	<10	4.8 U	<10	11	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<5	<5	<5	<5	NA
	11/9/2006	<10	<10	<10	<10	<10	1.5 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<14	<14	<14	
UAW10-80	10/18/2001	NA	<10		<10	<10	<10	<10	NA	<10		<10	<10		<10	1.5 J		<10	<10	<10	<10	<10	19	<10	<10	<10	<10	NA
	11/15/2001	NA	<10		<10	<10	<10	2.4 J	11	<10		<10	<10		<10	1.2 J		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/19/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	<10	NA	<10	NA
	11/25/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	4/8/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/12/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/16/2005	<10	<10		<10	<10	1.3 U	<10	0.94 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<2.5	<2.5	<2.5	<2.5	NA
	11/9/2006	<10	<10	<10	<10	<10	1.2 J	<10	1.1 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1	<1	<1	
UAW11-10	5/8/2001	NA	<500		<500	<500	<500	<500	<500	<500		<500	<500		<500	<500		<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	NA
	11/10/2001	NA	<25		<25	<25	<25	<25	<25	<25		<25	<25		<25	<25		<25	<25	<25	9 J #	<25	<25	<25	13 J	<25	3.7 J	NA
	10/18/2002	97 E	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	9.1 J	NA	3 J	NA
	11/16/2003	44	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	4/6/2004	<40	<40		<40	<40	<40	<40	<40	<40		<40	<40		<40	<40		<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	NA
	11/7/2004	16	<10		<10	<10	29 B	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	8.9 J	<10	3.7 J	NA
	11/10/2005	28 J	<100		<100	<100	<100	<100	19 J	<100		<100	<100		<100	<100		<100	<100	<100	<100	<100	<100	<1	20	1.1	8.6	NA
	11/2/2006	200	<67	<67	<67	<67	<67	<67	16 J	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67	<67		8.8 J	<33	<33	

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

SAMPLE LOCATION	SAMPLE DATE	Aniline	Acenaphthene	Acetophenone	Benzaldehyde	1,1'-Biphenyl	bis(2-Ethylhexyl) phthala	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloro-3-methylphenol	2-Chlorophenol	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	Fluorene	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	Phenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene*	1,3-Dichlorobenzene*	1,4-Dichlorobenzene*	1,4-Dioxane
Groundwater																												
UAW11-40	5/18/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/14/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/18/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	<10	<10	<10	<10	NA	NA	<10	NA	<10	NA
	11/30/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	4/6/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
UAW11-40 (Dup)	4/6/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	NA	<10	<10	NA	<10	<10	<10	<10	<10	NA
	11/16/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/10/2005	<10	<10		<10	<10	0.48 U	<10	0.99 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	0.52 J	<1	<1	NA
	11/2/2006	<10	<10	<10	<10	<10	1.0 J	<10	1.8 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		0.24 J	<1	<1	
UAW12-20	5/6/2001	<250	<250		NA	NA	<250	<250	NA	NA		<250	<250		<250	<250		<250	<250	<250	<250	<250	<250	<250	1600	<250	150 J	<250
	11/15/2001	<200	<200		NA	NA	<200	<200	NA	NA		<200	<200		<200	<200		<200	<200	<200	<200	<200	<200	<200	1900	41 J	230	<200
	10/20/2002	<500	NA		<500	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<500	<500	NA	NA	NA	1100	NA	130 J	NA
	11/12/2003	<500	<500		<500	<500	<500	<500	<500	<500		<500	<500		<500	<500		<500	<500	<500	<500	<500	<500	<500	1600	<500	<500	NA
	3/28/2004	<500	<500		<500	<500	<500	<500	<500	<500		<500	<500		<500	<500		<500	<500	<500	<500	<500	<500	<500	1500	<500	<500	NA
	11/4/2004	<400	<400		<400	<400	<400	<400	<400	<400		<400	<400		<400	<400		<400	<400	<400	<400	<400	<400	<400	1100	35 J	180 J	NA
	11/14/2005	4.3 J	<40		<40	<40	<40	<40	<40	<40		<40	<40		<40	<40		<40	<40	<40	<40	<40	<40	<100	1100	46 J	220	NA
	11/6/2006	4.6 J	<10	<10	<10	<10	2.7 J	<10	1.6 J	<10	<10	4.1 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	3.5 J	<10		310	25 J	140	
UAW13-20	5/6/2001	400	<200		NA	NA	<200	<200	NA	NA		<200	<200		<200	<200		<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	11/15/2001	<200	<200		NA	NA	<200	<200	NA	<200		<200	<200		<200	<200		<200	<200	<200	<200	<200	<200	<200	49 J	<200	<200	<200
	10/23/2002	830	NA		<250	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<250	<250	NA	NA	NA	55 J	NA	<250	NA
	11/12/2003	<100	<100		<100	<100	<100	<100	<100	<100		<100	<100		<100	<100		<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	NA
	3/28/2004	<250	<250		<250	<250	<250	<250	<250	<250		<250	<250		<250	<250		<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	NA
	11/5/2004	160	<100		<100	<100	<100	<100	<100	<100		<100	<100		<100	<100		<100	8.6J	<100	<100	<100	<100	<100	53 J	<100	11 J	NA
	11/16/2005	48 J	<50		<50	<50	<50	<50	<50	<50		<50	<50		<50	<50		<50	6.5 J	<50	<50	2.6 J	<50	<10	66	<10	11	NA
	10/31/2006	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	5.7 J	<50	<50	<50	<50		66	<10	11	
UAW14-10	5/5/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/9/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/16/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	<10	NA	<10	NA
	11/16/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	4/5/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/6/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/16/2005	<10	<10		<10	<10	3.3 U	<10	0.76 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
	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		<1	<1	<1	
UAW15-20	5/6/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/11/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/18/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	<10	NA	<10	NA
	11/17/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	4/7/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/7/2004	<10	<10		<10	<10	1 J B	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/15/2005	<10	<10		<10	<10	9.5 U	<10	0.91 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<5	<5	<5	<5	NA
	11/2/2006	<10	<10	<10	<10	<10	2.9 J	<10	1.6 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1.4	<1.4	<1.4	

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	Acetophenone	Benzaldehyde	1,1'-Biphenyl	bis(2-Ethylhexyl) phthala	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloro-3-methylphenol	2-Chlorophenol	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	Fluorene	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	Phenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene*	1,3-Dichlorobenzene*	1,4-Dichlorobenzene*	1,4-Dioxane
Groundwater																												
UAW15-50	5/6/2001	NA	<200		<200	<200	<200	<200	<200	<200		<200	<200		<200	<200		<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	NA
	11/19/2001	NA	<500		<500	<500	<500	<500	<500	<500		<500	<500		<500	<500		<500	<500	<500	110 J #	<500	<500	<500	<500	<500	<500	NA
	10/18/2002	<500	NA		<500	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	<500	<500	<500	<500	NA	NA	<500	NA	<500	NA
	12/4/2003	<200	<200		<200	<200	<200	<200	<200	<200		<200	<200		<200	<200		<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	NA
	4/7/2004	<100	<100		<100	<100	<100	<100	<100	<100		<100	<100		<100	<100		<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	NA
	11/7/2004	<100	<100		<100	<100	<100	<100	<100	<100		<100	<100		<100	<100		<100	<100	<100	11 J #	<100	<100	<100	<100	<100	<100	NA
UAW15-50 (Dup)	11/7/2004	<100	<100		<100	<100	<100	<100	<100	<100		<100	<100		<100	<100		<100	NA	<100	12 J #	NA	<100	<100	<100	<100	<100	NA
	11/15/2005	<200	<200		<200	<200	<200	<200	27 J	<200		<200	<200		<200	<200		<200	<200	<200	8.2 J #	<200	<200	<3.3	<3.3	<3.3	<3.3	NA
	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		<5	<5	<5	
UAW16-10	10/12/2001	NA	<10		<10	<10	<10	<10	19	<10		<10	<10		<10	<10		<10	<10	<10	2.4 J #	<10	<10	<10	6.9 J	<10	12	NA
UAW16-10 (Dup)	10/12/2001	NA	<10		<10	<10	<10	<10	17	<10		<10	<10		<10	<10		<10	<10	<10	3.4 J #	<10	<10	<10	6.2 J	<10	11	NA
	11/13/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	7.5 J	<10	10	NA
	10/18/2002	9.5 J	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	7 J	NA	8.3 J	NA
	11/16/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
UAW16-10 (Dup)	11/17/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	4/7/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/7/2004	<40	<40		<40	<40	<40	<40	<40	<40		<40	<40		<40	<40		<40	<40	<40	<40	<40	<40	<40	7.5 J	<40	6.5 J	NA
	11/15/2005	4.1 J	<10		<10	<10	0.7 U	<10	1.1 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	14	0.97 J	7.9	NA
	11/6/2006	1.9 J	<10	<10	<10	<10	1.8 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		11	0.85 J	6.5	
UAW16-10 (Re-analysis)	11/6/2006	3.6 J	<10	<10	<10	<10	1.9 J	<10	2.1 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		NA	NA	NA	
UAW17-40	5/5/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/9/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/16/2002	<10	<10		<10	NA	NA	NA	NA	NA		<10	NA		NA	NA		NA	<10	<10	<10	<10	<10	<10	<10	NA	<10	NA
	11/16/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	3/31/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/6/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/14/2005	<10	<10		<10	<10	1.2 U	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
	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		<1	<1	<1	
UAW17-40 (Re-analysis)	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		NA	NA	NA	
UAW18-20	10/12/2001	NA	<10		<10	<10	<10	<10	6 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	5.7 J	<10	2.8 J	NA
	11/13/2001	NA	<10		<10	<10	<10	2.7 J	14	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/18/2002	32	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	3 J	NA	1.8 J	NA
	11/16/2003	16	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	4/7/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/7/2004	25	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	2.3 J	<10	1.3 J	NA
	11/15/2005	2 J	<10		<10	<10	1.5 U	<10	1.4 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	0.39 J	<1	0.24 J	NA
	11/6/2006	<40	<40	<40	<40	<40	6.9 J	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40		4.7	0.21 J	1.8	

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

SAMPLE LOCATION	SAMPLE DATE	Aniline	Acenaphthene	Acetophenone	Benzaldehyde	1,1'-Biphenyl	bis(2-Ethylhexyl) phthala	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloro-3-methylphenol	2-Chlorophenol	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	Fluorene	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	Phenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene*	1,3-Dichlorobenzene*	1,4-Dichlorobenzene*	1,4-Dioxane
Groundwater																												
UAW19-80	5/11/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
UAW19-80	11/14/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
UAW19-80 (Dup)	11/14/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/17/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	<10	NA	<10	NA
UAW19-80 (Dup)	10/17/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	<10	NA	<10	NA
	11/13/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	3/30/2004	<10	<10		<10	<10	14	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/5/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
UAW19-80N	11/11/2005	<10	<10		<10	<10	1.2 U	<10	61 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
UAW19-80N(DUP)	11/11/2005	<20	<20		<20	<20	1.1 J B	<20	63	<20		<20	<20		<20	<20		<20	<20	<20	<20	<20	<20	<1	<1	<1	<1	NA
UAW19-80FD(DUP)	11/11/2005	<10	<10		<10	<10	1.4 U	1.6 J	47	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
	11/8/2006	<10	<10	<10	<10	<10	1.4 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1	<1	<1	
UAW20-60	5/7/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/14/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
UAW20-60 (Dup)	11/14/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	NA	<10	<10	<10	<10	<10	NA
	10/19/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	<10	<10	<10	<10	NA	NA	<10	NA	<10	NA
UAW20-60 (Dup)	10/19/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	<10	NA	<10	NA
	11/13/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	3/30/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/5/2004	<10	<10		<10	<10	1.2 J	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/11/2005	<10	<10		<10	<10	0.58 U	<10	35	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<50	<50	<50	<50	NA
	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		<50	<50	<50	
UAW21-30	5/5/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/11/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/18/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	<10	NA	<10	NA
	11/11/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	3/27/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/3/2004	<10	<10		<10	<10	1.2 J	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/9/2005	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
UAW21-30(DUP)	11/9/2005	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	NA	NA	NA	NA	NA
	11/9/2006	<10	<10	<10	<10	<10	1.8 J	<10	1.2 J	<10	<10	<10	<10	<10	<10	<10	0.62 J	<10	<10	<10	<10	<10	<10		<1	<1	<1	
UAW21-80	5/5/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/11/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/18/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	<10	NA	<10	NA
	11/11/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	3/27/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/3/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/8/2005	<10	<10		<10	<10	1.0 J B	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
	11/8/2006	<10	<10	<10	<10	<10	0.99 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1	<1	<1	

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	Acetophenone	Benzaldehyde	1,1'-Biphenyl	bis(2-Ethylhexyl) phthala	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloro-3-methylphenol	2-Chlorophenol	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	Fluorene	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	Phenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene*	1,3-Dichlorobenzene*	1,4-Dichlorobenzene*	1,4-Dioxane
Groundwater																												
UAW22-20	10/13/2001	NA	<10		<10	<10	<10	<10	2.5 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	70	1.6 J	9.7 J	NA
	11/13/2001	NA	<10		<10	<10	<10	2.3 J	2.6 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	78	1.7 J	9.9 J	NA
	10/20/2002	<50	NA		<50	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<50	<50	NA	NA	NA	60	NA	10 J	NA
	11/10/2003	<20	<20		<20	<20	<20	<20	<20	<20		<20	<20		<20	<20		<20	<20	<20	<20	<20	<20	<20	44	<20	<20	NA
	3/29/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	31	<10	<10	NA
	11/4/2004	2.2 J	<10		<10	<10	<10	<10	2 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	0.89 J	<10	<10	34	0.88 J	6.8 J	NA
	11/14/2005	1.9 J	<40		<40	<40	<40	<40	5.7 J	<40		<40	<40		<40	<40		<40	<40	<40	<40	<40	<40	<2	74	1.4 J	8.7	NA
	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		68	1.1 J	7.7	
UAW23-20	10/12/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/14/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/19/2002	<10	<10		<10	NA	NA	NA	NA	NA		<10	NA		NA	NA		NA	NA	<10	<10	NA	<10	<10	<10	NA	<10	NA
	11/13/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	3/28/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/5/2004	<10	<10		<10	<10	<10	<10	0.91 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/14/2005	<10	<10		<10	<10	0.60 J	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1.4	<1.4	<1.4	<1.4	NA
	11/6/2006	<10	<10	<10	<10	<10	4.2 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1	<1	<1	
UAW24-70	10/13/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/15/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	10/17/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	<10	NA	<10	NA
	11/16/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	4/5/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/6/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/16/2005	<10	<10		<10	<10	0.79 U	<10	0.84 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
	10/31/2006	<10	<10	<10	<10	<10	1.0 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1	<1	<1	
UAW25-20	10/13/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	11	<10	3 J	NA
	11/13/2001	NA	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	11	<10	3.2 J	NA
	10/18/2002	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	5.6 J	NA	1.7 J	NA
	11/12/2003	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	3/27/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/3/2004	1.3 J	<10		<10	<10	2.3 J B	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	6.4 J	<10	2.4 J	NA
	11/9/2005	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	10	0.42 J	3.3	NA
	11/8/2006	1.9 J	<10	<10	<10	<10	2.0 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		11	0.42 J	3.3	
UAW26-70	4/6/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/6/2004	<10	<10		<10	<10	1.7 J B	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/10/2005	<10	<10		<10	<10	0.99 U	<10	1.5 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
	11/7/2006	<10	<10	<10	<10	<10	1.1 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1	<1	<1	
UAW26-70 (Re-analysis)	11/7/2006	<10	<10	<10	<10	<10	<10	<10	1.2 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		NA	NA	NA	
UAW27-50	3/31/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/5/2004	<10	<10		<10	<10	<10	<10	<10	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA
	11/11/2005	<10	<10		<10	<10	0.59 U	<10	1.7 J	<10		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<1	<1	<1	<1	NA
	11/1/2006	<10	<10	<10	<10	<10	1.1 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1	<1	<1	

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	Acetophenone	Benzaldehyde	1,1'-Biphenyl	bis(2-Ethylhexyl) phthala	Butyl benzyl phthalate	Caprolactam	Carbazole	4-Chloro-3-methylphenol	2-Chlorophenol	2,4-Dichlorophenol	Diethyl phthalate	2,4-Dimethylphenol	Dimethyl phthalate	Di-n-butyl phthalate	Fluorene	2-Methylnaphthalene	2-Methylphenol	4-Methylphenol	Naphthalene	Phenol	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene*	1,3-Dichlorobenzene*	1,4-Dichlorobenzene*	1,4-Dioxane
Groundwater																												
LAW05-150	3/16/2002	<10	<10		NA	NA	<10	<10	NA	NA		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
LAW05-150 (Dup)	3/16/2002	<10	<10		NA	NA	<10	<10	NA	NA		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
LAW05-60	3/16/2002	<10	<10		NA	NA	<10	<10	NA	NA		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
LAW12-60	10/13/2001	<10	<10		NA	NA	<10	<10	NA	NA		<10	<10		1.6 J B	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.6 J
	11/16/2001	<10	<10		NA	NA	<10	<10	NA	NA		<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.5 J
CINEB-1	11/2/2006	<10	<10	0.70 J	0.96 J	<10	1.1 J	<10	<10	<10	1.8 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1	<1	<1	
CINEB-1 (Re-analysis)	11/2/2006	<10	<10	0.99 J	1.3 J	<10	0.93 J	<10	<10	<10	2.7 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		NA	NA	NA	
CINFB-1	11/8/2006	<10	<10	1.1 J	<10	<10	1.0 J	<10	<10	<10	1.4 J	<10	<10	0.74 J	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1	<1	<1	
CINEB-1	11/6/2006	<10	<10	<10	<10	<10	3.2 J	<10	<10	<10	1.6 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1	<1	<1	
CINEB-1 (Re-analysis)	11/6/2006	<10	<10	0.92 J	0.77 J	<10	1.1 J	<10	<10	<10	2.2 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		NA	NA	NA	
CINFB-1	11/6/2006	<10	<10	0.72 J	<10	<10	1.6 J	<10	<10	<10	1.9 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<1	<1	<1	
French Drain Sump @ 46 hr	10/19/2002	150	NA		<50	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<50	<50	NA	NA	NA	200	NA	27 J	NA
French Drain Sump @ 72 hr	10/20/2002	91 J	NA		<100	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<100	<100	NA	NA	NA	140	NA	22 J	NA
Seeps																												
SS-1 (Seep)	10/11/2001	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	21	NA	2.6 J	NA
SS-5 (Seep)	10/11/2001	<10	NA		<10	NA	NA	NA	NA	NA		NA	NA		NA	NA		NA	NA	<10	<10	NA	NA	NA	14	NA	1.7 J	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.
* 1,2, 1,3 and 1,4 Dichlorobenzene were analyzed via US EPA Method 8260 but have been historically reported as SVOCs.

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	NA	31.2	NA	<7	NA	4.0 B	NA	NA	NA	1980	NA	<3	NA	123000	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	NA	10.7	NA	1.3 B	NA	13.2 B	NA	NA	NA	1510	NA	6.6	NA	66000	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	NA	10.7	NA	2.9 B	NA	3.6 B	NA	NA	NA	7140	NA	<3	NA	139000	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	NA	197	NA	1.4 B	NA	4.6 B	NA	NA	NA	684	NA	<3	NA	64300	NA
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

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																													
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	NA	9	NA	1.6 B	NA	<25	NA	NA	NA	7130	NA	<3	NA	46000	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	NA	<5	NA	<7	NA	<25	NA	NA	NA	10400	NA	<3	NA	29100	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	NA	5.2	NA	<7	NA	2.8 B	NA	NA	NA	4270	NA	<3	NA	31500	NA
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	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	NA	<5	NA	<7	NA	<25	NA	NA	NA	5420	NA	<3	NA	38100	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																													
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	NA	12.8	NA	5.9 B	NA	27.8	NA	NA	NA	9460	NA	22.8	NA	26300	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	NA	<5	NA	<7	NA	2.6 B	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	NA	<5	NA	<7	NA	3.0 B	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	NA	421	NA	13	NA	26.1	NA	NA	NA	10600	NA	6.4	NA	33500	NA
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	NA	5.7	NA	2.3 B	NA	20.3 B	NA	NA	NA	4210	NA	<3	NA	35200	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																													
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	NA	50.3	NA	<7	NA	19.0 B	NA	NA	NA	1820	NA	<3	NA	30100	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	NA	37.8	NA	5.6 B	NA	41.9	NA	NA	NA	11200	NA	4.2	NA	143000	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	NA	53.5	NA	<7	NA	1.8 B	NA	NA	NA	374	NA	<3	NA	26300	NA
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	6.0 B	NA	370	NA	<5	NA	<2	NA	111000	NA	2.3 B	NA	<7	NA	3.3 B	NA	NA	NA	<100	NA	<3	NA	37300	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																													
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	NA	9.4	NA	5.8 B	NA	13.1 B	NA	NA	NA	8200	NA	4.2	NA	48800	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	NA	<5	NA	1.2 B	NA	<25	NA	NA	NA	8380	NA	<3	NA	40800	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	NA	3.6 B	NA	<7	NA	2.3 B	NA	NA	NA	977	NA	<3	NA	81900	NA
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	NA	124	NA	10.1	NA	13.0 B	NA	NA	NA	1920	NA	<3	NA	67700	NA

Table B-4
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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																													
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	<10	NA	33.5 B	NA	<5	NA	<2	NA	830000	NA	<5	NA	<7	NA	27.2	NA	NA	NA	2190	NA	5.7	NA	96900	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	10.0 B	NA	<5	NA	<2	NA	878000	NA	50.3	NA	<7	NA	7.2 B	NA	NA	NA	480	NA	<3	NA	95700	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	NA	<5	NA	<2	NA	104000	NA	<5	NA	<7	NA	1.9 B	NA	NA	NA	1610	NA	<3	NA	29200	NA
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	NA	53.6	NA	13.5	NA	9.6 B	NA	NA	NA	826	NA	<3	NA	88300	NA

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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																													
UAW15-50	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	0.80 B	NA	171000	NA	<5	NA	1.6 B	NA	3.4 B	NA	NA	NA	8140	NA	<3	NA	65700	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	NA	<5	NA	<7	NA	<25	NA	NA	NA	255	NA	<3	NA	44100	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	NA	<5	NA	<7	NA	2.0 B	NA	NA	NA	2450	NA	<3	NA	34800	NA
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	NA	<5	NA	<7	NA	4.0 B	NA	NA	NA	1690	NA	<3	NA	25000	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																													
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	NA	16.1	NA	<7	NA	5.3 B	NA	NA	NA	3230	NA	2.2 B	NA	63700	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	NA	5.7	NA	<7	NA	3.9 B	NA	NA	NA	758	NA	<3	NA	100000	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	7.0 B	NA	113 B	NA	0.75 B	NA	<2	NA	140000	NA	7230	NA	91.4	NA	157	NA	NA	NA	56500	NA	11.4	NA	39700	NA
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	NA	2.1 B	NA	<7	NA	2.2 B	NA	NA	NA	2800	NA	<3	NA	45700	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																													
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	NA	13.3	NA	5.0 B	NA	47.6	NA	NA	NA	15100	NA	8.6	NA	56100	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	NA	209	NA	1.9 B	NA	2.6 B	NA	NA	NA	3420	NA	<3	NA	80600	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	NA	3.2 B	NA	<7	NA	3.2 B	NA	NA	NA	2260	NA	<3	NA	37000	NA
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	<10	NA	<200	NA	<5	NA	<2	NA	83.4 B	NA	<5	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	<5000	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	NA	<5	NA	<7	NA	<25	NA	NA	NA	3180	NA	<3	NA	47600	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																													
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	99.0 B	NA	<5	NA	<2	NA	160000	NA	2.4 B	NA	<7	NA	2.6 B	NA	NA	NA	98.3 B	NA	<3	NA	44800	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
CINEB-1	11/2/2006	<200	NA	<10	NA	<10	NA	<200	NA	<5	NA	<2	NA	132 B	NA	<5	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	<5000	NA
CINFB-1	11/8/2006	<200	NA	<10	NA	57.1	NA	387	NA	<5	NA	0.87 B	NA	219000	NA	281	NA	1.5 B	NA	11.1 B	NA	NA	NA	303000	NA	<3	NA	44700	NA
CINEB-1	11/6/2006	<200	NA	<10	NA	<10	NA	<200	NA	<5	NA	<2	NA	222 B	NA	<5	NA	<7	NA	<25	NA	NA	NA	<100	NA	<3	NA	<5000	NA
CINFB-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
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
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	NA	<0.2	NA	12.8 B	NA	11500	NA	<5	NA	<5	NA	591000	NA	<10	NA	1310	NA	NA	5.1 B	NA	20	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	NA	<0.2	NA	22.1 B	NA	2090 B	NA	<5	NA	<5	NA	64000	NA	<10	NA	89.1 B	NA	NA	<7	NA	84.9	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	NA	<0.2	NA	28.6 B	NA	2360 B	NA	<5	NA	<5	NA	60600	NA	<10	NA	<100	NA	NA	<7	NA	26.7	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	NA	<0.2	NA	102	NA	5830	NA	<5	NA	<5	NA	592000	NA	<10	NA	6.5 B	NA	NA	<7	NA	<20	NA
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

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																								
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	NA	<0.2	NA	108	NA	12900	NA	<5	NA	<5	NA	495000	NA	<10	NA	22.3 B	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	NA	<0.2	NA	<40	NA	2240 B	NA	<5	NA	<5	NA	62500	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	NA	<0.2	NA	7.8 B	NA	3110 B	NA	<5	NA	<5	NA	268000	NA	<10	NA	46.8 B	NA	NA	<7	NA	10.6 B	NA
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	NA	<0.2	NA	2.4 B	NA	2280 B	NA	<5	NA	<5	NA	85100	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
UAW02-40 (Dup)	11/3/2006	563	NA	<0.2	NA	2.8 B	NA	2270 B E	NA	<5	NA	<5	NA	85400	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA

Table B-4
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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																								
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	NA	0.12 B	NA	16.5 B	NA	2920 B	NA	<5	NA	<5	NA	81200	NA	<10	NA	67.9 B	NA	NA	13.6	NA	244	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	NA	<0.2	NA	3.7 B	NA	1850 B	NA	<5	NA	<5	NA	143000	NA	8.8 B	NA	285	NA	NA	4.4 B	NA	10.5 B	NA
UAW04-20 (Dup)	11/6/2006	3990	NA	<0.2	NA	3.3 B	NA	1830 B	NA	<5	NA	<5	NA	141000	NA	5.2 B	NA	283	NA	NA	4.2 B	NA	10.5 B	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	NA	0.091 B	NA	662	NA	5110	NA	<5	Na	<5	NA	190000	NA	<10	NA	204	NA	NA	17.8	NA	48.5	NA
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	NA	<0.2	NA	11.8 B	NA	4420 B	NA	<5	NA	<5	NA	220000	NA	<10	NA	1440	NA	NA	13.3	NA	22.8	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																								
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	NA	<0.2	NA	9.8 B	NA	5190	NA	<5	NA	<5	NA	191000	NA	<10	NA	237	NA	NA	2.7 B	NA	25.6	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	NA	<0.2	NA	17.9 B	NA	18200	NA	<5	NA	<5	NA	529000	NA	<10	NA	4950	NA	NA	19.5	NA	49.4	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	NA	<0.2	NA	78.9	NA	1500 B	NA	<5	NA	<5	NA	63900	NA	<10	NA	5.4 B	NA	NA	<7	NA	<20	NA
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	NA	<0.2	NA	2.2 B	NA	1350 B	NA	<5	NA	<5	NA	15900	NA	5.3 B	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																								
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	NA	<0.2	NA	23.2 B	NA	5210	NA	<5	NA	9.9	NA	46400	NA	<10	NA	20.2 B	NA	Na	11.6	NA	40.2	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	NA	<0.2	NA	2.6 B	NA	1800 B	NA	<5	NA	<5	NA	12800	NA	<10	NA	10.2 B	NA	NA	<7	NA	6.9 B	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	NA	<0.2	NA	4.9 B	NA	9230	NA	<5	NA	<5	NA	514000	NA	5.3 B	NA	3050	NA	NA	22.3	NA	25.4	NA
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	NA	<0.2	NA	87	NA	6070	NA	<5	NA	<5	NA	269000	NA	<10	NA	58.9 B	NA	NA	<7	NA	22.1	NA

Table B-4
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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																								
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	NA	<0.2	NA	3.9 B	NA	13700	NA	<5	NA	<5	NA	726000	NA	7.8 B	NA	71.2 B	NA	NA	2.0 B	NA	56.1	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	NA	<0.2	NA	10.8 B	NA	10600	NA	<5	NA	<5	NA	701000	NA	<10	NA	1780	NA	NA	9.7	NA	11.7 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	NA	<0.2	NA	1.8 B	NA	1280 B	NA	<5	NA	<5	NA	30200	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
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	NA	<0.2	NA	415	NA	6680	NA	<5	NA	<5	NA	1400000	NA	<10	NA	110	NA	NA	<7	NA	6.9 B	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																								
UAW15-50	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	NA	<0.2	NA	58.6	NA	6360	NA	<5	NA	<5	NA	150000	NA	6.9 B	NA	1830	NA	NA	<7	NA	12.7	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	NA	<0.2	NA	6.8 B	NA	6580	NA	<5	NA	<5	NA	211000	NA	<10	NA	1060	NA	NA	2.1 B	NA	<20	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	NA	<0.2	NA	<40	NA	966 B	NA	<5	NA	<5	NA	10300	NA	<10	NA	<100	NA	NA	<7	NA	<20	NA
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	NA	<0.2	NA	13.4 B	NA	2340 B	NA	<5	NA	<5	NA	537000	NA	<10	NA	3660	NA	NA	<7	NA	12.2 B	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																								
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	NA	<0.2	NA	4.4 B	NA	2280 B	NA	<5	NA	<5	NA	68800	NA	<10	NA	<100	NA	NA	3.1 B	NA	10 B	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	NA	<0.2	NA	8.2 B	NA	1960 B	NA	<5	NA	<5	NA	85200	NA	5.3 B	NA	9.8 B	NA	NA	<7	NA	8.3 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	NA	<0.2	NA	1950	NA	5410	NA	<5	NA	<5	NA	77600	NA	<10	NA	6.8 B	NA	NA	39.3	NA	35.9	NA
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	NA	<0.2	NA	6.2 B	NA	1110 B	NA	<5	NA	<5	NA	50900	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																								
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	NA	<0.2	NA	78.1	NA	11600	NA	<5	NA	<5	NA	1020000	NA	11.9	NA	117	NA	NA	11.3	NA	65.6	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	NA	<0.2	NA	86.3	NA	23900	NA	18.5	NA	<5	NA	125000	NA	<10	NA	11.2 B	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	NA	<0.2	NA	4.7 B	NA	2190 B	NA	<5	NA	<5	NA	34500	NA	5.0 B	NA	<100	NA	NA	<7	NA	<20	NA
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	<15	NA	<0.2	NA	<40	NA	157 B	NA	<5	NA	<5	NA	<5000	NA	5.1 B	NA	<100	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	NA	<0.2	NA	<40	NA	1490 B	NA	<5	NA	<5	NA	36700	NA	<10	NA	<100	NA	NA	<7	NA	15.3 B	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																								
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	NA	<0.2	NA	38.2 B	NA	1880 B	NA	<5	NA	<5	NA	27900	NA	<10		9.7 B	NA		<7	NA	10.3 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
CINEB-1	11/2/2006	0.28 B	NA	<0.2	NA	<40	NA	158 B	NA	<5	NA	<5	NA	<5000	NA	<10	NA	7.3 B	NA	NA	<7	NA	<20	NA
CINFB-1	11/8/2006	1400	NA	<0.2	NA	77.4	NA	3380 B	NA	<5	NA	<5	NA	391000	NA	5.5 B	NA	136	NA	NA	<7	NA	<20	NA
CINEB-1	11/6/2006	<15	NA	<0.2	NA	<40	NA	162 B	NA	<5	NA	<5	NA	<5000	NA	<10	NA	5.3 B	NA	NA	<7	NA	<20	NA
CINFB-1	11/6/2006	0.53 B	NA	<0.2	NA	<40	NA	157 B	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
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 AND HAAS CINCINNATI FACILITY
SITE-WIDE GROUNDWATER SAMPLING EVENT
(NOVEMBER 2006)

INTRODUCTION

Overview

The results of the laboratory analysis of samples collected for the most recent semi-annual sampling event (November 2006) at the Rohm and Haas Cincinnati site have been reviewed. Thirty-eight wells were sampled during the period of 31 October through 9 November 2006. Samples 20061103UAW02-40V38N and 20061106UAW04-20V16N 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. Severn Trent Laboratories (STL) of North Canton, OH provided the analytical results.

Analytical data were reported in an analytical report for the sample delivery group (SDG), for STL Project No. 442853, identified as follows: 6K02268 (dated 12/13/06). The analytical report for SDG 6K02268 contained the results for samples analyzed under five laboratory ID groups: A6K020268, A6K040175, A6K080306, A6K090393, and A6K100358.

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 STL 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. Data selection decisions, in instances where multiple results are reported for a given sample, are summarized on Table 3.

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 STL within one or two days of sampling, with exceptions shown below. All samples were received intact and in good condition at STL. Evaluation results are as follows:

- In SDG 6K02268, Sample Group A6K020268, for all six samples, the laboratory logged in the sample based on incorrectly transcribed sample ID and reported results with incorrect sample ID. Samples 20061031UAW17-40V34N, 20061031UAW24-70V65N, 20061031UAW13-20V14N, 20061101UAW27-50V43N, 20061101UAW01-30V29N, and 20061101UAW01-80V74N were incorrectly reported as "20061031VAW17-40V34N", "20061031VAW24-70V65N", "20061031VAW13-20V14N", "20061101VAW27-50V43N", "20061101VAW01-30V29N", and "20061101VAW01-80V74N".
- In SDG 6K02268, Sample Group A6K040175, sample "20061103UAW02-40V38FD" was incorrectly labeled in the field as "20061103UAW02-40V38DUP". The (incorrect) sample IDs shown on the COC should have been those used lab the laboratory to report the sample data The (incorrect) sample "20061103UAW02-40V38DUP" was identified on COC record; however, laboratory logged in sample based on incorrect sample ID transcription and reported results with incorrect sample ID "20061103UAW09-40V38DUP".
- In SDG 6K02268, Sample Group A6K080306, sample "20061103UAW02-40V38FD" was incorrectly identified in the field as "20061103UAW02-40V38DUP". Also, sample "20061107-EPA-4V17N" was incorrectly identified in the field as "20061107EPA-4-V17N". The (incorrect) sample IDs shown on the COC were those used lab the laboratory to report the sample data.
- In SDG 6K02268, Sample Group A6K090393, the field blank for metals analysis was incorrectly labeled in the field as a field sample with metals analysis results reported as "20061108UAW25-20V18.5N" and lab sample ID A6K090393-003. The field sample for metals analysis was incorrectly labeled in the field as a field blank with metals analysis results reported as "20061108CINFB-1" and lab sample ID A6K090393-007. In other words, each of the samples was incorrectly labeled with the sample ID for the other sample. The (incorrect) sample IDs shown on the COC was used by the laboratory to report the sample data.
- In SDG 6K02268, Sample Group A6K100358, the following samples were incorrectly identified in the field as shown on the COC record: "20061109UAW06-20V14@N" as "20061109UAW06-20V14EN", "20061109UAW10-80V81@N" as "20061109UAW10-80V81EN", 20061109UAW22-20V15@N" as "20061109UAW22-20V15EN", "20061109MW-EPA-2V15@N" as "20061109MW-EPA-2V15EN", "20061109UAW21-30V26@N" as "20061109UAW21-30V2LQN". The (incorrect) sample IDs shown on the COC were those used lab the laboratory to report the sample data.

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 semiannual groundwater monitoring results. The sample identification labeling and sample identification reporting discrepancies should be noted when evaluating and applying the reported sample 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. Sample results qualified as estimated due to exceedances of the calibration range are preferentially not used in favor of the results reported from the sample dilution analyses, which are not qualified; these data selection decisions are summarized on Table 3.

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. All samples in SDG 6K02268 were preserved to pH of ≤2, with cooler temperatures in the range of 0.8°C to 4.0°C as verified from STL 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) 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 SDG 6K02268, nine method blanks were analyzed; VOC analytes were reported as "not detected" with the exceptions shown below.

SDG/ Prep batch	Method Blank ID	Analyte (Conc. ug/L)	Affected Samples	Conc. (ug/L)	Lab Flag	Data Qual.
6K02268/ 6320399	A6K160000 -399	Acetone (1.1J)	20061102UAW15-50V44N	15	JB	U
6K02268/ 6320399	A6K160000 -399	Acetone (1.1J)	20061102UAW11-40V38N	0.98	JB	U
6K02268/ 6320399	A6K160000 -399	Acetone (1.1J)	20061102UAW15-20V14N	1.2	JB	U
6K02268/ 6320399	A6K160000 -399	Acetone (1.1J)	20061103UAW09-20V24N	1.1	JB	U
6K02268/ 6324218	A6K200000 -218	Acetone (0.91J)	None, All ND			
6K02268/ 6326249	A6K220000 -249	Acetone (2.2J)	20061109UAW10-50V52@N	17	JB	U
6K02268/ 6326249	A6K220000 -249	Acetone (2.2J)	20061109MW-EPA-2V15@N	13	JB	U
6K02268/ 6326249	A6K220000 -249	Acetone (2.2J)	20061109UAW05-20V15@N	35	JB	U
6K02268/ 6326390	A6K220000 -390	Acetone (1.6J)	20061109UAW06-20V14@N	5.5	JB	U
6K02268/ 6326390	A6K220000 -390	Acetone (1.6J)	20061109UAW22-20V15@N	3.9	JB	U
6K02268/ 6326390	A6K220000 -390	Methylene chloride (1.3)	20061109UAW06-20V14@N	5.3	B	U
6K02268/ 6326390	A6K220000 -390	Methylene chloride (1.3)	20061109UAW22-20V15@N	2.1	JB	U

C. Surrogate Spikes

System monitoring compounds (surrogate spikes) were spiked into each sample analyzed for VOCs and analyzed with each batch of samples. In SDG 6K02268, 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 STL Report. An LCS/LCSD pair was analyzed with each of the preparation batches. In SDG 6K02268, all LCS %R, LCSD %R, and LCS/LCSD RPD values for each of the nine 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. In SDG 6K02268, samples 20061106UAW23-20V24N, 20061106UAW16-10V12N, 20061107MW-EPA-3V15N, 20061107UAW20-60V53N, and 20061109UAW10-50V52@N, as well as five non-project samples, were utilized for MS/MSD analyses; all MS/MSD %R and MS/MSD RPD values were within advisory control limits. No sample results were qualified based on MS/MSD results.

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) 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 SDG 6K02268, five trip blanks were collected and were analyzed for VOCs. 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.)	Affected Samples
A6K080306	20061106CINTB-1	Acetone (3.8J)	Samples collected on 11/06
A6K080306	20061106CINTB-1	2-Butanone (0.61J)	Samples collected on 11/06
A6K080306	20061106CINTB-2	Acetone (3.7J)	Samples collected on 11/06
A6K080306	20061107CINTB-3	Acetone (4.1J)	Samples collected on 11/06
A6K080306	20061107CINTB-3	2-Butanone (0.62J)	Samples collected on 11/06
A6K090393	20061108CINTB-1	Acetone (3.5J)	Samples collected on 11/08
A6K090393	20061108CINTB-2	Acetone (3.5J)	Samples collected on 11/08
A6K090393	20061108CINTB-2	2-Butanone (0.41J)	Samples collected on 11/08

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

As part of the November 2006 sampling event, two equipment rinsate blanks (equipment blanks) and two field blanks were submitted for analysis of VOCs. Evaluation results are as shown below.

- In SDG 6K02268, equipment blank samples 20061102CINEB-1 and 20061106CINEB-1 were analyzed for VOC analytes, which were reported as 'not detected" with the exception of Acetone, 2-Butanone, and Carbon Disulfide. Both equipment 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 SDG 6K02268, field blank samples 20061106CINFB-1 and 20061108CINFB-1 were analyzed for VOC analytes, which were reported as 'not detected" with the exception of Acetone (15 ug/L and 12 ug/L, respectively) and 2-Butanone (2.6 ug/L and 2.1 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.
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061031VAW13-20V14N	110		U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061102UAW15-50V44N	15	JB	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061102UAW11-10V-12N	1600	B	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061102UAW11-40V38N	0.98	JB	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061102UAW15-20V14N	1.2	JB	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061103UAW09-20V24N	1.1	JB	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061106UAW18-20V15.0N	4.9	J	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061106UAW16-10V12N	4.2	J	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061106UAW03-20V	2.1	J	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	2061107MW-EPA-4V17N	7.0	J	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061107UAW20-60V53N	45	J	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061109UAW06-20-V14@N	5.5	JB	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061109UAW08-20V14@N	250	B	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061109UAW10-50V52@N	17	JB	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061109UAW22-20V15@N	3.9	JB	U

Sample Group	Field QC Blank ID	Analyte (Conc. ug/L)	Affected Samples	Sample Conc.	Lab Flag	Data Qual.
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061109MW-EPA-2V15@N	13	JB	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Acetone (13) Acetone (11)	20061109UAW05-20V15@N	35	JB	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	2-Butanone (2.2J) 2-Butanone (2.2J)	20061031VAW13-20V14N	29	J	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	2-Butanone (2.2J) 2-Butanone (2.2J)	20061102UAW15-50V44N	4.6	J	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	2-Butanone (2.2J) 2-Butanone (2.2J)	20061102UAW11-10V-12N	42	J	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	2-Butanone (2.2J) 2-Butanone (2.2J)	20061106UAW03-20V	0.61	J	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	2-Butanone (2.2J) 2-Butanone (2.2J)	20061109UAW08-20V14@N	27	J	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Carbon Disulfide (0.40J) Carbon Disulfide (0.78J)	20061106UAW18-20V15.0N	1.1		U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Carbon Disulfide (0.40J) Carbon Disulfide (0.78J)	20061106UAW16-10V12N	0.35	J	U
A6K040175 A6K080306	20061102CINEB-1 20061106CINEB-1	Carbon Disulfide (0.40J) Carbon Disulfide (0.78J)	20061109UAW08-20V14@N	17		U

H. Field Duplicate Samples

As part of the November 2006 sampling effort, two field duplicate sample pairs were collected and analyzed for VOCs: 20061103UAW02-40V38N (20061103UAW02-40V38FD, reported as "20061103UAW09-40V38FD")) and 20061106UAW04-20V16N (20061106UAW04-20V16FD). 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
20061103UAW02-40V38N	1,1-Dichloroethane	14	14	0.0	None
20061103UAW02-40V38N	1,1-Dichloroethene	3.2	3.1	.32	None
20061103UAW02-40V38N	Cis-1,2-Dichloroethene	37	37	0.0	None
20061103UAW02-40V38N	Trans-1,2-Dichloroethene	2.1	2.2	4.7	None
20061106UAW04-20V16N	ALL ND				n/a

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 SDG 6K02268.

J. Sample Dilution Analyses and Method Detection Limits

Laboratory reported that in SDG 6K02268, samples 20061031UAW13-20V14N and 20061102UAW15-50V44N were reported with elevated reporting limits due to dilution analysis based on presence of tentatively identified compounds (TICs), which are non-target compounds and are not reported. Samples were analyzed at a 10x and a 5x dilution, respectively.

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. In SDG 6K02268, 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 0.8°C and 4.0°C. For SDG 6K02268, six samples were reanalyzed due to non-compliant surrogate recovery; however, the re-extraction was performed outside of the 7-day sample extraction holding time. Both sets of data were reported. Data selection decisions are summarized on Table 3. All sample analysis results for the sample reanalysis were qualified as estimated (J). Evaluation results are shown below.

Prep Batch	Sample ID	Analyte	Days Prep. HT Exceeded	Qual.
6336019	20061031UAW17-40V34N	ALL SVOCs	25	J/UJ
6326058	20061102CINEB-1	ALL SVOCs	13	J/UJ
6330015	20061106UAW16-10V12N	ALL SVOCs	13	J/UJ
6330015	20061106CINEB-1	ALL SVOCs	13	J/UJ
6330015	20061106UAW04-20V16N	ALL SVOCs	13	J/UJ
6330015	20061107UAW26-70V73N	ALL SVOCs	12	J/UJ

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 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 SDG 6K02268, nine method blanks were analyzed, one for each QC batch. Analytes were reported as "not detected, with the exceptions shown below.

SDG/ Prep batch	Method Blank ID	Analyte (Conc.)	Affected Samples	Conc. (ug/L)	Lab Flag	Data Qual.
6K02268/ 6310131	A6K060000 -131	Bis(2-Ethylhexyl)phthalate (7.7J)	20061031UAW24-70V65N	1.0	JB	U
6K02268/ 6310131	A6K060000 -131	Bis(2-Ethylhexyl)phthalate (7.7J)	20061101UAW01-80V74N	1.0	JB	U
6K02268/ 6314070	A6K060000 -070	Bis(2-Ethylhexyl)phthalate (2.6J)	20061106UAW18-20V15.0N	6.9	JB	U
6K02268/ 6314070	A6K060000 -070	Bis(2-Ethylhexyl)phthalate (2.6J)	20061106UAW16-10V12N	1.8	JB	U
6K02268/ 6314070	A6K060000 -070	Bis(2-Ethylhexyl)phthalate (2.6J)	20061106UAW23-20V24N	4.2	JB	U
6K02268/ 6314070	A6K060000 -070	Bis(2-Ethylhexyl)phthalate (2.6J)	20061106UAW04-20V16N	2.0	JB	U
6K02268/ 6314070	A6K060000 -070	Bis(2-Ethylhexyl)phthalate (2.6J)	20061106UAW03-20V	1.2	JB	U
6K02268/ 6314070	A6K060000 -070	Bis(2-Ethylhexyl)phthalate (2.6J)	20061106UAW12-20V14N	2.7	JB	U
6K02268/ 6314070	A6K060000 -070	Bis(2-Ethylhexyl)phthalate (2.6J)	20061107UAW26-70V73N	1.1	JB	U
6K02268/ 6314070	A6K060000 -070	Bis(2-Ethylhexyl)phthalate (2.6J)	2061107MW-EPA-4V17N	1.3	JB	U
6K02268/ 6320091	A6K160000 -091	Bis(2-Ethylhexyl)phthalate (3.3J)	20061109UAW10-50V52@N	1.5	JB	U
6K02268/ 6320091	A6K160000 -091	Bis(2-Ethylhexyl)phthalate (3.3J)	20061109UAW10-80V81@N	1.2	JB	U
6K02268/ 6320091	A6K160000 -091	Bis(2-Ethylhexyl)phthalate (3.3J)	20061109UAW21-30V26@N	1.8	JB	U
6K02268/ 6330015	A6K260000 -015	Caprolactam (1.1J)	20061106UAW16-10V12N	2.1	JB	U
6K02268/ 6330015	A6K260000 -015	Caprolactam (1.1J)	20061106UAW04-20V16N	6.1	JB	U
6K02268/ 6330015	A6K260000 -015	Caprolactam (1.1J)	20061107UAW26-70V73N	6.1	JB	U

C. Surrogate Spikes

Surrogate compounds were spiked into each sample analyzed for SVOCs. For SDG 6K02268, surrogate recoveries were within QC acceptance limits for all samples with the exception of seven site groundwater samples and two equipment blank samples. Evaluation results are as shown below.

- The recoveries for sample 20061031UAW17-40V34N were within control limits with the exception of one acid fraction surrogate, 2-Fluorophenol, which was low; sample results were not required to be qualified because only one surrogate for the acid fraction was non-compliant. The sample was reanalyzed with acceptable recoveries for all surrogates, but the reanalysis was performed outside of analytical holding time. Both sets of data were reported. The results from the original analysis should be used. Data selection decisions are summarized on Table 3.
- The recoveries for sample 20061102UAW15-50V44N were within control limits, even though sample was analyzed at 10x dilution, with the exception of one base-neutral fraction surrogate, Nitrobenzene-d5, which was high; sample results were not required to be qualified because only one surrogate for the base-neutral was non-compliant. Sample was not required to be reanalyzed.
- The recoveries for sample 20061102CINEB-1 were within control limits with the exception of one acid fraction surrogate, 2-Fluorophenol, which was low; sample results were not required to be qualified because only one surrogate for the acid fraction was non-compliant. The sample was reanalyzed with acceptable recoveries for all surrogates, but the reanalysis was performed outside of analytical holding time. Both sets of data were reported. The results from the original analysis should be used. Data selection decisions are summarized on Table 3.
- The recoveries for sample 20061106 UAW16-10V12N were within control limits with the exception of two acid fraction surrogates, which were low. The sample was reanalyzed with acceptable recoveries for all surrogates, but the reanalysis was performed outside of analytical holding time. Both sets of data were reported. The results from the original analysis should be used. Data selection decisions are summarized on Table 3.
- The recoveries for sample 20061106CINEB-1 were within control limits with the exception of one acid fraction surrogate, 2-Fluorophenol, which was low (sample results were not required to be qualified because only one surrogate for the acid fraction was non-compliant) and two base-neutral fraction surrogates. The sample was reanalyzed with acceptable recoveries for all surrogates, but the reanalysis was performed outside of analytical holding time. Both sets of data were reported. The results from the reanalysis should be used. Data selection decisions are summarized on Table 3.
- The recoveries for sample 20061106UAW04-20V16N were within control with the exception of two base-neutral fraction surrogates for which the recoveries were very slightly low. The sample was reanalyzed at dilution with acceptable recoveries for all surrogates, but the reanalysis was performed outside of analytical holding time. Both sets of data were reported. The results from the original analysis should be used. Data selection decisions are summarized on Table 3.
- The recoveries for sample 20061106UAW12-20V14N were within control limits with the exception of one acid fraction surrogate, 2-Fluorophenol, which was high; sample results were not required to be qualified because only one surrogate for the acid fraction was non-compliant. Sample was not required to be reanalyzed.

- The recoveries for sample 20061107UAW26-70V73N were within control limits with the exception of one acid fraction surrogate, 2-Fluorophenol, which was low (sample results were not required to be qualified because only one surrogate for the acid fraction was non-compliant), and two base-neutral fraction surrogates. The sample was reanalyzed with acceptable recoveries for all surrogates, but the reanalysis was performed outside of analytical holding time. Both sets of data were reported. The results from the original analysis should be used. Data selection decisions are summarized on Table 3.
- The recoveries for sample 20061108MW-EPA-1V15N were within control limits with the exception of one acid fraction surrogate, 2-Fluorophenol, which was high; sample results were not required to be qualified because only one surrogate for the acid fraction was non-compliant. Sample was not required to be reanalyzed
- The recoveries for sample 20061109UAW08-20V14@N were "diluted out" and not calculable because sample was analyzed at an 80x dilution. Sample was not required to be reanalyzed. No sample results were qualified based on surrogate recoveries.

SDG/Lot#	QC batch	Sample ID	Surrogate (%R)	Fraction	Qual	Use Results ?
6K02268/ A6K080306	6314070	20061106UAW16-10V12N	Phenol-d5 (3.6), 2-Fluorophenol (2.4)	Acid	J/UJ	Yes
6K02268/ A6K080306	6314070	20061106CINEB-1	Nitrobenzene-d5 (6.6), 2-Fluorobiphenyl (24)	B/N	J/UJ	No
6K02268/ A6K080306	6314070	20061106UAW04-20V16N	Nitrobenzene-d5 (23), 2-Fluorobiphenyl (26)	B/N	J/UJ	Yes
6K02268/ A6K080306	6314070	20061107UAW26-70V73N	Nitrobenzene-d5 (7.5), 2-Fluorobiphenyl (23)	B/N	J/UJ	Yes

D. Laboratory Control Samples (LCS)

Laboratory Control Samples were reported with the analysis of samples for SVOCs. Ranges of LCS percent recovery and advisory limits for LCS percent recovery are detailed in the STL Report. In SDG 6K02268, nine LCS samples were analyzed; one with each QC batch. All LCS percent recovery values were within the advisory QC limits. No data were qualified based on LCS %R results.

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 SDG 6K02268, samples 20061106UAW16-10V12N (for two QC batches), 20061106UAW23-20V24N, 20061107MW-EPA-3V15N, 20061107UAW20-60V53N were utilized for MS/MSD analysis. MS/MSD percent recoveries and relative percent difference (RPD) values were within advisory QC limits, with the exceptions shown below for 20061106UAW23-20V24N.

Analyte	Sample ID	MS/MSD %R	MS/MSD %RPD	Data Qual.
1,2,4-Trichlorobenzene	20061106UAW23-20V24N	10/36	112	UJ
1,4-Dichlorobenzene	20061106UAW23-20V24N	4.1/32	154	UJ
2-Chlorophenol	20061106UAW23-20V24N	16/41	89	UJ
N-Nitroso-di-n-propyl-amine	20061106UAW23-20V24N	21/46	75	UJ
Phenol	20061106UAW23-20V24N	24/42	52	UJ

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 2006 sampling event, two equipment rinsate blanks (equipment blank) and two field blanks were submitted for analysis of SVOCs. Bis(2-ethylhexy)lphthalate was detected in both equipment blanks, both field blanks, and several method blanks. Where applicable, bis(2-ethylhexyl)phthalate results in some site samples were qualified based on method blank; therefore, qualifications based on field/equipment blank contamination for those samples qualified based on method blank contamination are not listed below. 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. Bis(2-ethylhexyl)phthalate results qualified as undetected ("U") based on equipment blank or field blank contamination are shown below.

- In SDG 6K02268, equipment blank samples 20061102CINEB-1 and 20061106CINEB-1 were analyzed for SVOC analytes, which were reported as 'not detected" with the exception of Acetophenone, Benzaldehyde, Bis-2-ethylhexylphthalate, and 4-Chloro-3-methylphenol, which were detected at concentrations below the reporting limit. All associated samples were non-detect for Acetophenone, Benzaldehyde, and 4-Chloro-3-methylphenol.
- In SDG 6K02268, field blank samples 20061106CINFB-1 and 20061108CINFB-1 were analyzed for SVOC analytes, which were reported as 'not detected" with the exception of Acetophenone, Benzaldehyde, 4-Chloro-3-methylphenol, and Bis(2-ethylhexyl)phthalate. All associated samples were non-detect for Acetophenone, Benzaldehyde, and 4-Chloro-3-methylphenol.

Field QC Blank ID	Analyte (Conc. ug/L)	Affected Samples (Conc. ug/L)	Data Qual.
20061102CINEB-1	Bis(2-ethylhexyl)phthalate (1.1J)	20061102UAW11-40V38N (1.0J)	U
		20061102UAW15-20V14N (2.9J)	U
		20061103UAW02-20V15N (3.6J)	U
		20061103UAW02-40V38N (2.0J)	U
		20061103UAW09-20V24N (1.5J)	U
		20061103UAW09-60V52N (1.6J)	U
		20061103UAW09-40V38FD (8.7J)	U
20061106CINEB-1	Bis(2-ethylhexyl)phthalate (1.1J)	20061106UAW16-10V12N (reanalysis) (1.9J)	U
20061106CINFB-1	Bis(2-ethylhexyl)phthalate (1.6J)	20061108UAW25-20V18.5N (2.0J)	U
20061108CINFB-1	Bis(2-ethylhexyl)phthalate (1.0J)	20061108UAW19-80V70N (1.4J)	U
		20061108UAW21-80V70N (0.99J)	U
		20061109MW-EPA-2V15@N (0.90J)	U
		20061109UAW05-20V15@N (1.4J)	U

H. Field Duplicate Samples

As part of the November 2006 sampling effort, two field duplicate sample pairs were collected and analyzed for SVOCs: 20061103UAW02-40V38N (20061103UAW02-40V38FD, reported as "20061103UAW09-40V38FD") and 20061106UAW04-20V16N (20061106UAW04-20V16FD). 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 Method Detection Limits

Laboratory reported that in SDG 6K02268, samples were reported with elevated reporting limits due to matrix interference; samples were analyzed at dilution, outside of holding time, with results qualified as estimated (J/UJ) as discussed in Section A. above.

J. Calibration Range Exceedances

For SDG 6K02268, no sample results for SVOC analyses exceeded the calibration range.

K. Sample Analyte Identification and Quantitation

Laboratory reported in SDG 6K02268 that the value reported for 4-Methylphenol represents a probable combination of the concentration of 3-Methylphenol and 4-Methylphenol. The reported results for 20061106UAW04-20V16N and 20061106UAW04-20V16FD were reported with a "#" lab flag and have been qualified as estimated ("J").

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. All samples in SDG 6K02268 were preserved to pH of ≤2, with cooler temperatures in the range of 0.8°C to 4.0°C as verified from STL 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 SDG 6K02268, three method blanks were analyzed; one for each QC batch. Analytes were reported as "not detected", with the exceptions shown below.

QC Batch	Method Blank ID	Analyte (Conc. ug/L)	Affected Samples	Conc. (ug/L)	Lab Flag	Data Qual.
6311016	A6K070000-016	Calcium (218B)	None, all >5x blank amount			
6311016	A6K070000-016	Copper (2.0B)	20061031UAW17-40V34N	2.0	BJ	U
6311016	A6K070000-016	Copper (2.0B)	20061031UAW24-70V65N	3.2	BJ	U
6311016	A6K070000-016	Copper (2.0B)	20061031UAW13-20V14N	7.2	BJ	U
6311016	A6K070000-016	Copper (2.0B)	20061101UAW27-50V43N	2.6	BJ	U
6311016	A6K070000-016	Copper (2.0B)	20061102UAW15-50V44N	3.4	BJ	U
6311016	A6K070000-016	Copper (2.0B)	20061102UAW11-10V12N	2.3	BJ	U

QC Batch	Method Blank ID	Analyte (Conc. ug/L)	Affected Samples	Conc. (ug/L)	Lab Flag	Data Qual.
6311016	A6K070000-016	Copper (2.0B)	20061102UAW15-20V14N	9.6	BJ	U
6311016	A6K070000-016	Copper (2.0B)	20061103UAW02-20V15N	2.8	BJ	U
6311016	A6K070000-016	Copper (2.0B)	20061103UAW09-20V24N	1.8	BJ	U
6311016	A6K070000-016	Copper (2.0B)	20061103UAW09-60V52N	3.3	BJ	U
6311016	A6K070000-016	Manganese (0.55B)	None, all >5x blank amount			
6311016	A6K070000-016	Potassium (163B)	None, all >5x blank amount			
6311016	A6K070000-016	Zinc (11.4B)	20061031UAW13-20V14N	11.7	BJ	U
6311016	A6K070000-016	Zinc (11.4B)	20061101UAW27-50V43N	10.3	BJ	U
6311016	A6K070000-016	Zinc (11.4B)	20061102UAW15-50V44N	12.7	BJ	U
6311016	A6K070000-016	Zinc (11.4B)	20061102UAW11-10V12N	25.4	BJ	U
6311016	A6K070000-016	Zinc (11.4B)	20061102UAW11-40V38N	22.1	J	U
6311016	A6K070000-016	Zinc (11.4B)	20061102UAW15-20V14N	6.9	J	U
6311016	A6K070000-016	Zinc (11.4B)	20061103UAW02-20V15N	10.6	J	U
6314029	A6K100000-029	Calcium (261B)	None, all >5x blank amount			
6314029	A6K100000-029	Copper (2.4B)	20061106UAW18-20V15.0N	4.0	BJ	U
6314029	A6K100000-029	Copper (2.4B)	20061106UAW23-20V24N	2.6	BJ	U
6314029	A6K100000-029	Copper (2.4B)	20061106UAW04-20V16N	2.6	BJ	U
6314029	A6K100000-029	Copper (2.4B)	20061106UAW04-20V16FD	3.0	BJ	U
6314029	A6K100000-029	Copper (2.4B)	2061107MW-EPA-4V17N	4.6	BJ	U
6314029	A6K100000-029	Copper (2.4B)	20061107MW-EPA-3V15N	3.6	BJ	U
6314029	A6K100000-029	Copper (2.4B)	20061107UAW20-60V53N	3.9	BJ	U
6314029	A6K100000-029	Copper (2.4B)	20061108UAW19-80V70N	5.3	BJ	U
6314029	A6K100000-029	Copper (2.4B)	20061108MW-EPA-1V15N	4.0	BJ	U
6314029	A6K100000-029	Copper (2.4B)	20061108UAW14-10V13N	1.9	BJ	U
6314029	A6K100000-029	Copper (2.4B)	20061108UAW1-80V70N	2.2	BJ	U
6314029	A6K100000-029	Manganese (0.67B)	None, all >5x blank amount			

QC Batch	Method Blank ID	Analyte (Conc. ug/L)	Affected Samples	Conc. (ug/L)	Lab Flag	Data Qual.
6314029	A6K100000-029	Potassium (158B)	None, all >5x blank amount			
6314029	A6K100000-029	Zinc (10.7B)	20061106UAW18-20V15.0N	12.2	BJ	U
6314029	A6K100000-029	Zinc (10.7B)	20061106UAW04-20V16N	10.5	BJ	U
6314029	A6K100000-029	Zinc (10.7B)	20061106UAW04-20V16FD	10.5	BJ	U
6314029	A6K100000-029	Zinc (10.7B)	20061106UAW07-20V14N	25.6	J	U
6314029	A6K100000-029	Zinc (10.7B)	20061107UAW26-70V73N	15.3	BJ	U
6314029	A6K100000-029	Zinc (10.7B)	20061107MW-EPA-3V15N	26.7	BJ	U
6314029	A6K100000-029	Zinc (10.7B)	20061107UAW20-60V53N	8.3	BJ	U
6314029	A6K100000-029	Zinc (10.7B)	20061108UAW19-80V70N	10	BJ	U
6314029	A6K100000-029	Zinc (10.7B)	20061108MW-EPA-1V15N	20.0	BJ	U
6314029	A6K100000-029	Zinc (10.7B)	20061109UAW06-20V14@N	22.8	BJ	U
6317023	A6K130000-023	Calcium (210B)	None, all >5x blank amount			
6317023	A6K130000-023	Manganese (0.60B)	None, all >5x blank amount			
6317023	A6K130000-023	Potassium (166b)	None, all >5x blank amount			
6317023	A6K130000-023	Zinc (9.5B)	20061109UAW08-20V14@N	49.4	J	U
6317023	A6K130000-023	Zinc (9.5B)	20061109UAW10-50V52@N	40.2	J	U
6317023	A6K130000-023	Zinc (9.5B)	20061109UAW10-80V81@N	6.9	BJ	U
6317023	A6K130000-023	Zinc (9.5B)	20061109UAW21-30V26@N	35.9	J	U
6317023	A6K130000-023	Zinc (9.5B)	20061109UAW05-20V15@N	48.5	J	U

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 STL Report. In SDG 6K02268, LCS percent recovery values for each analyte in each of the LCS 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. In SDG 6K02268, samples 20061106UAW16-10V12N,

200061106UAW23-20V24N, 20061107MW-EPA-3V15N, 20061107UAW20-60V53N, as well as two non-site samples, were utilized for MS/MSD analyses. MS and MSD recoveries were within the advisory QC limits. No sample results were qualified based on MS/MSD results.

E. Trip Blanks

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

F. Equipment Rinsate Blanks

As part of the November 2006 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 SDG 6K02268, equipment blank samples 20061102CINEB-1 and 20061106CINEB-1 were analyzed for metals analytes, which were reported as 'not detected" with the exceptions shown below.
- In SDG 6K02268, field blank samples 20061106CINFB-1 and 20061108CINFB-1 were analyzed for metals analytes, which 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.
A6K040175/ 6311016	20061102CINEB-1	Tin (7.3B)	20061101UAW27-50V43N	9.7	B	U
A6K040175/ 6311016	20061102CINEB-1	Tin (7.3B)	20061101UAW01-30V29N	9.7	B	U
A6K040175/ 6311016	20061102CINEB-1	Tin (7.3B)	20061103UAW09-20V24N	5.4	B	U
A6K040175/ 6311016	20061102CINEB-1	Calcium (132 (B)	None, all >5x blank amount			
A6K040175/ 6311016	20061102CINEB-1	Manganese (0.28B)	None, all >5x blank amount			
A6K040175/ 6311016	20061102CINEB-1	Potassium (158B)	20061031UAW17-40V34N	966	BJ	U
A6K080306/ 6314029	20061106CINEB-1	Tin (5.3B)	20061106UAW23-20V24N	11.2	B	U
A6K080306/ 6314029	20061106CINEB-1	Tin (5.3B)	2061107MW-EPA-4V17N	6.5	B	U
A6K080306/ 6314029	20061106CINEB-1	Tin (5.3B)	20061107UAW20-60V53N	9.8	B	U
A6K080306/ 6314029	20061106CINEB-1	Tin (5.3B)	20061109UAW10-80V81@N	10.2	B	U
A6K080306/ 6314029	20061106CINEB-1	Tin (5.3B)	20061109UAW21-30V26@N	6.8	B	U
A6K080306/ 6314029	20061106CINEB-1	Calcium (222B)	20061108UAW25-20V18.5N	83.4	BJ	U

Sample Group/ QC Batch	Field QC Blank ID	Analyte (Conc. ug/L)	Affected Samples	Sample Conc.	Lab Flag	Data Qual.
A6K080306/ 6314029	20061106CINEB-1	Potassium (162B)	20061108UAW25-20V18.5N	157	BJ	U
A6K080306/ 6314029	20061106CINFB-1	Manganese (0.53B)	None, all >5x blank amount			
A6K080306/ 6314029	20061106CINFB-1	Potassium (157B)	None, all >5x blank amount			
A6K090393/ 6314029	20061108CINFB-1 (reported as "20061108UAW25-20V18.5N)	Calcium (83.4B)	None, all >5x blank amount			
A6K090393/ 6314029	20061108CINFB-1 (reported as "20061108UAW25-20V18.5N)	Potassium (157B)	None, all >5x blank amount			
A6K090393/ 6314029	20061108CINFB-1 (reported as "20061108UAW25-20V18.5N)	Thallium (5.1B)	20061108UAW25-20V18.5N (reported as "20061108UAW25-20V18.5N"	5.5	B	U

G. Field Duplicate Samples

As part of the November 2006 sampling effort, two field duplicate sample pairs were collected and analyzed for VOCs: 20061103UAW09-40V38N (20051103UAW09-40V38FD) and 20061106UAW04-20V16N (20061106UAW04-20V16FD). 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.
20061103UAW09-40V38N	Calcium	106000	106000	0.0	None
20061103UAW09-40V38N	Iron	5500	5420	1.5	None
20061103UAW09-40V38N	Magnesium	38100	38100	0.0	None
20061103UAW09-40V38N	Manganese	563	563	0.0	None
20061103UAW09-40V38N	Sodium	85100	85400	0.4	None
20061106UAW04-20V16N	Tin	285	283	0.7	None
20061106UAW04-20V16N	Barium	217	215	0.9	None
20061106UAW04-20V16N	Antimony	19.8	21.4	7.8	None
20061106UAW04-20V16N	Calcium	164000	161000	1.8	None
20061106UAW04-20V16N	Arsenic	22.4	26.0	15	None
20061106UAW04-20V16N	Iron	2530	2730	7.6	None
20061106UAW04-20V16N	Magnesium	31900	31600	0.9	None
20061106UAW04-20V16N	Manganese	4080	3990	2.2	None
20061106UAW04-20V16N	Sodium	143000	141000	1.4	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, no qualification of metals data is necessary.

TABLE 1

SUMMARY OF SAMPLE ANALYSES AND DATA REVIEW PERFORMED

ROHM AND HAAS – CINCINNATI FACILITY

SAMPLE ID	SAMPLE DATE	SAMPLE MATRIX	SAMPLE TYPE	STL SDG	STL LAB ID	SW8260B VOCs	SW8270C SVOCs	SW6010B METALS	SW7470A MERCURY	DATA USABLE(2)
20061031UAW17-40V34N (incorrectly reported by lab as "20061031VAW17-40V34N")	10/31/06	GW	N	6K02268	A6K020268-001	X	X	X	X	Yes
20061031UAW24-70V65N (incorrectly reported by lab as "20061031VAW24-70V65N")	10/31/06	GW	N	6K02268	A6K020268-002	X	X	X	X	Yes
20061031UAW13-20V14N (incorrectly reported by lab as "20061031VAW13-20V14N")	10/31/06	GW	N	6K02268	A6K020268-003	X	X	X	X	Yes
20061101UAW27-50V43N (incorrectly reported by lab as "20061101VAW27-50V43N")	11/01/06	GW	N	6K02268	A6K020268-004	X	X	X	X	Yes
20061101UAW01-30V29N (incorrectly reported by lab as "20061101VAW01-30V29N")	11/01/06	GW	N	6K02268	A6K020268-005	X	X	X	X	Yes
20061101UAW01-80V74N(incorrectly reported by lab as "20061101VAW01-80V74N")	11/01/06	GW	N	6K02268	A6K020268-006	X	X	X	X	Yes
20061102UAW15-50V44N	11/02/06	GW	N	6K02268	A6K040175-001	X	X	X	X	Yes
20061102UAW11-10V12N	11/02/06	GW	N	6K02268	A6K040175-002	X	X	X	X	Yes

TABLE 1 (Cont'd)										
SAMPLE ID	**SAMPLE DATE**	**SAMPLE MATRIX**	**SAMPLE TYPE**	**STL SDG**	**STL LAB ID**	**SW8260B VOCs**	**SW8270C SVOCs**	**SW6010B METALS**	**SW7470A MERCURY**	**DATA USABLE(2)**
20061102UAW11-40V38N	11/02/06	GW	N	6K02268	A6K040175-003	X	X	X	X	Yes
20061102UAW15-20V14N	11/02/06	GW	N	6K02268	A6K040175-004	X	X	X	X	Yes
20061102CINEB-1	11/02/06	GW	EB	6K02268	A6K040175-005	X	X	X	X	Yes
20061103UAW02-20V15N	11/03/06	GW	N	6K02268	A6K040175-006	X	X	X	X	Yes
20061103UAW02-40V38N	11/03/06	GW	N	6K02268	A6K040175-007	X	X	X	X	Yes
20061103UAW09-20V24N	11/03/06	GW	N	6K02268	A6K040175-008	X	X	X	X	Yes
20061103UAW09-60V52N	11/03/06	GW	N	6K02268	A6K040175-009	X	X	X	X	Yes
20061103UAW02-40V38DUP (incorrectly reported by lab as "20061103UAW09-40V38DUP") (incorrect sample ID recorded on COC, correct ID suffix ix "FD")	11/03/06	GW	FD	6K02268	A6K040175-010	X	X	X	X	Yes
20061106UAW18-20V15.0N	1106/06	GW	N	6K02268	A6K080306-001	X	X	X	X	Yes
20061106AUAW16-10V12N	1106/06	GW	N	6K02268	A6K080306-002	X	X	X	X	Yes
20061106UAW23-20V24N	1106/06	GW	N	6K02268	A6K080306-003	X	X	X	X	Yes
20061106CINEB-1	1106/06	GW	EB	6K02268	A6K080306-004	X	X	X	X	Yes
20061106CINTB-1	1106/06	GW	TB	6K02268	A6K080306-005	X	-	-	-	Yes
20061106CINTB-2	1106/06	GW	TB	6K02268	A6K080306-006	X	-	-	-	Yes
20061106UAW04-20V16N	1106/06	GW	N	6K02268	A6K080306-007	X	X	X	X	Yes
20061106UAW04-20V16DUP (incorrect sample ID recorded on COC, correct ID suffix ix "FD")	1106/06	GW	FD	6K02268	A6K080306-008	X	X	X	X	Yes
20061106UAW07-20V14N	1106/06	GW	N	6K02268	A6K080306-009	X	X	X	X	Yes
20061106UAW03-20V	1106/06	GW	N	6K02268	A6K080306-010	X	X	X	X	Yes
20061106CINFB-1	1106/06	GW	FB	6K02268	A6K080306-011	X	X	X	X	Yes
20061106UAW12-20V14N	1106/06	GW	N	6K02268	A6K080306-012	X	X	X	X	Yes
20061107UAW26-70V73N	1107/06	GW	N	6K02268	A6K080306-013	X	X	X	X	Yes
20061107MW-EPA-4V17N	1107/06	GW	N	6K02268	A6K080306-014	X	X	X	X	Yes

TABLE 1 (Cont'd)										
SAMPLE ID	**SAMPLE DATE**	**SAMPLE MATRIX**	**SAMPLE TYPE**	**STL SDG**	**STL LAB ID**	**SW8260B VOCs**	**SW8270C SVOCs**	**SW6010B METALS**	**SW7470A MERCURY**	**DATA USABLE(2)**
20061107CINTB-3	1107/06	GW	TB	6K02268	A6K080306-015	X	-	-	-	Yes
20061107MW-EPA-3V15N	11/07/06	GW	N	6K02268	A6K090393-001	X	X	X	X	Yes
20061107UAW20-60V53N	11/07/06	GW	N	6K02268	A6K090393-002	X	X	X	X	Yes
20061108UAW25-20V18.5N (incorrectly labeled for metals analysis in field as "20061108CINFB-1")	11/08/06	GW	N	6K02268	A6K090393-003	X	X	X	X	Yes
20061108UAW19-80V70N	11/08/06	GW	N	6K02268	A6K090393-004	X	X	X	X	Yes
20061108MW-3PA-1V15N	11/08/06	GW	N	6K02268	A6K090393-005	X	X	X	X	Yes
20061108UAW14-10V13N	11/08/06	GW	N	6K02268	A6K090393-006	X	X	X	X	Yes
20061108CINFB-1 (incorrectly labeled in field for metals analysis as "20061108UAW25-20V18.5N")	11/08/06	GW	FB	6K02268	A6K090393-007	X	X	X	X	Yes
20061108UAW21-80V70N	11/08/06	GW	N	6K02268	A6K090393-008	X	X	X	X	Yes
20061108CINTB-1	11/08/06	GW	TB	6K02268	A6K090393-009	X	-	-	-	Yes
20061108CINTB-2	11/08/06	GW	TB	6K02268	A6K090393-010	X	-	-	-	Yes
20061109UAW06-20V14@N (incorrectly labeled in field with suffix "EN")	11/09/06	GW	N	6K02268	A6K100358-001	X	X	X	X	Yes
20061109UAW08-20V14@N (incorrectly labeled in field with suffix "EN")	11/09/06	GW	N	6K02268	A6K100358-002	X	X	X	X	Yes
20061109UAW10-50V52@N (incorrectly labeled in field with suffix "EN")	11/09/06	GW	N	6K02268	A6K100358-003	X	X	X	X	Yes
20061109UAW10-80V81@N	11/09/06	GW	N	6K02268	A6K100358-004	X	X	X	X	Yes
20061109UAW21-30V26@N (incorrectly labeled in field with suffix "EN")	11/09/06	GW	N	6K02268	A6K100358-005	X	X	X	X	Yes

TABLE 1 (Cont'd)										
SAMPLE ID	**SAMPLE DATE**	**SAMPLE MATRIX**	**SAMPLE TYPE**	**STL SDG**	**STL LAB ID**	**SW8260B VOCs**	**SW8270C SVOCs**	**SW6010B METALS**	**SW7470A MERCURY**	**DATA USABLE[2]**
20061109UAW22-20V15@N (incorrectly labeled in field with suffix "EN")	11/09/06	GW	N	6K02268	A6K100358-006	X	X	X	X	Yes
20061109MW-EPA-2V15@N (incorrectly labeled in field with suffix "EN")	11/09/06	GW	N	6K02268	A6K100358-007	X	X	X	X	Yes
20061109UAW05-20V15@N (incorrectly labeled in field with suffix "EN")	11/09/06	GW	N	6K02268	A6K100358-008	X	X	X	X	Yes
TOTAL GW SAMPLES			38			38	38	38	38	
TOTAL FD SAMPLES			2			2	2	2	2	
TOTAL EB SAMPLES			2			2	2	2	2	
TOTAL FB SAMPLES			2			2	2	2	2	
TOTAL TB SAMPLES			5			5	0	0	0	

[1] "Location ID" as shown on COC.
[2] "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.

TABLE 2 - SAMPLE QUALIFICATION SUMMARY

Sample ID	Lab Sample ID	Analyte	Conc. (ug/L)	Lab Flag	Qualifier	Reason
20061102UAW15-50V44N	A6K040175-001	Acetone	15	JB	U	Method blank
20061102UAW11-40V38N	A6K040175-002	Acetone	0.98	JB	U	Method blank
20061102UAW15-20V14N	A6K040175-004	Acetone	1.2	JB	U	Method blank
20061103UAW09-20V24N	A6K040175-008	Acetone	1.1	JB	U	Method blank
20061109UAW10-50V52@N	A6K100358-003	Acetone	17	JB	U	Method blank
20061109MW-EPA-2V15@N	A6K100358-007	Acetone	13	JB	U	Method blank
20061109UAW05-20V15@N	A6K100358-008	Acetone	35	JB	U	Method blank
20061109UAW06-20V14@N	A6K100358-001	Acetone	5.5	JB	U	Method blank
20061109UAW22-20V15@N	A6K100358-006	Acetone	3.9	JB	U	Method blank
20061109UAW06-20V14@N	A6K100358-001	Methylene chloride	5.3	B	U	Method blank
20061109UAW22-20V15@N	A6K100358-006	Methylene chloride	2.1	JB	U	Method blank
20061031VAW13-20V14N	A6K020268-003	Acetone	110		U	Equipment blank
20061102UAW15-50V44N	A6K040175-001	Acetone	15	JB	U	Equipment blank
20061102UAW11-10V12N	A6K040175-002	Acetone	1600	B	U	Equipment blank
20061102UAW11-40V38N	A6K040175-003	Acetone	0.98	JB	U	Equipment blank
20061102UAW15-20V14N	A6K040175-004	Acetone	1.2	JB	U	Equipment blank
20061103UAW09-20V24N	A6K040175-008	Acetone	1.1	JB	U	Equipment blank
20061106UAW18-20V15.0N	A6K080306-001	Acetone	4.9	J	U	Equipment blank
20061106UAW16-10V12N	A6K080306-002	Acetone	4.2	J	U	Equipment blank
20061106UAW03-20V	A6K080306-010	Acetone	2.1	J	U	Equipment blank
2061107MW-EPA-4V17N	A6K080306-014	Acetone	7.0	J	U	Equipment blank
20061107UAW20-60V53N	A6K090393-002	Acetone	45	J	U	Equipment blank
20061109UAW06-20-V14@N	A6K100358-001	Acetone	5.5	JB	U	Equipment blank
20061109UAW08-20V14@N	A6K100358-002	Acetone	250	B	U	Equipment blank
20061109UAW10-50V52@N	A6K100358-003	Acetone	17	JB	U	Equipment blank
20061109UAW22-20V15@N	A6K100358-006	Acetone	3.9	JB	U	Equipment blank
20061109MW-EPA-2V15@N	A6K100358-007	Acetone	13	JB	U	Equipment blank
20061109UAW05-20V15@N	A6K100358-008	Acetone	35	JB	U	Equipment blank
20061031VAW13-20V14N	A6K020268-003	2-Butanone	29	J	U	Equipment blank
20061102UAW15-50V44N	A6K040175-001	2-Butanone	4.6	J	U	Equipment blank
20061102UAW11-10V12N	A6K040175-002	2-Butanone	42	J	U	Equipment blank
20061106UAW03-20V	A6K080306-010	2-Butanone	0.61	J	U	Equipment blank

TABLE 2 (Cont'd)						
Sample ID	**Lab Sample ID**	**Analyte**	**Conc. (ug/L)**	**Lab Flag**	**Qualifier**	**Reason**
20061109UAW08-20V14@N	A6K100358-002	2-Butanone	27	J	U	Equipment blank
20061106UAW18-20V15.0N	A6K080306-001	Carbon Disulfide	1.1		U	Equipment blank
20061106UAW16-10V12N	A6K080306-002	Carbon Disulfide	0.35	J	U	Equipment blank
20061109UAW08-20V14@N	A6K100358-002	Carbon Disulfide	17		U	Equipment blank
20061106UAW23-20V24N	A6K080306-003	1,2,4-Trichlorobenzene	ND		UJ	MS/MSD %R, RPD
20061106UAW23-20V24N	A6K080306-003	1,4-Dichlorobenzene	ND		UJ	MS/MSD %R, RPD
20061106UAW23-20V24N	A6K080306-003	2-Chlorophenol	ND		UJ	MS/MSD %R, RPD
20061106UAW23-20V24N	A6K080306-003	N-Nitroso-di-n-propyl-amine	ND		UJ	MS/MSD %R, RPD
20061106UAW23-20V24N	A6K080306-003	Phenol	ND		UJ	MS/MSD %R, RPD
20061031UAW17-40V34N (reanalysis)	A6K020268-001 (prep batch 6336019)	ALL Method SW8270C SVOCs			J/UJ	Analytical Holding Time
20061102CINEB-1 (reanalysis)	A6K040175-005 (prep batch 6326058)	ALL Method SW8270C SVOCs			J/UJ	Analytical Holding Time
20061106UAW16-10V12N (reanalysis)	A6K080306-002 (prep batch 6330015)	ALL Method SW8270C SVOCs			J/UJ	Analytical Holding Time
20061106CINEB-1 (reanalysis)	A6K080306-004 (prep batch 6330015)	ALL Method SW8270C SVOCs			J/UJ	Analytical Holding Time
20061106UAW04-20V16N (reanalysis)	A6K080306-007 (prep batch 6330015)	ALL Method SW8270C SVOCs			J/UJ	Analytical Holding Time
20061107UAW26-70V73N (reanalysis)	A6K080306-013 (prep batch 6330015)	ALL Method SW8270C SVOCs			J/UJ	Analytical Holding Time
20061106UAW16-10V12N	A6K080306/ (prep batch 6314070)	All SW8270C Phenols			J/UJ	Surrogate %R
20061106CINEB-1	A6K080306/ (prep batch 6314070)	All Method SW8270C SVOCs except Phenols			J/UJ	Surrogate %R
20061106UAW04-20V16N	A6K080306/ (prep batch 6314070)	All Method SW8270C SVOCs except Phenols			J/UJ	Surrogate %R
20061107UAW26-70V73N	A6K080306/ (prep batch 6314070)	All Method SW8270C SVOCs except Phenols			J/UJ	Surrogate %R
20061106UAW04-20V16N	A6K080306-007	4-Methylphenol	12		J	Sample quantification
20061106UAW04-20V16N	A6K080306-007 (prep batch 6330015)	4-Methylphenol	3.4	J	J	Sample quantification
20061106UAW04-20V16FD	A6K080306-008	4-Methylphenol	12	J	J	Sample quantification

TABLE 2 (Cont'd)						
Sample ID	**Lab Sample ID**	**Analyte**	**Conc. (ug/L)**	**Lab Flag**	**Qualifier**	**Reason**
20061031UAW24-70V65N	A6K020268-002	Bis(2-Ethylhexyl)phthalate	1.0	JB	U	Method blank
20061101UAW01-80V74N	A6K020268-006	Bis(2-Ethylhexyl)phthalate	1.0	JB	U	Method blank
20061106UAW18-20V15.0N	A6K080306-001	Bis(2-Ethylhexyl)phthalate	6.9	JB	U	Method blank
20061106UAW16-10V12N	A6K080306-002	Bis(2-Ethylhexyl)phthalate	1.8	JB	U	Method blank
20061106UAW23-20V24N	A6K080306-003	Bis(2-Ethylhexyl)phthalate	4.2	JB	U	Method blank
20061106UAW04-20V16N	A6J080306-007	Bis(2-Ethylhexyl)phthalate	2.0	JB	U	Method blank
20061106UAW03-20V	A6K080306-010	Bis(2-Ethylhexyl)phthalate	1.2	JB	U	Method blank
20061106UAW12-20V14N	A6K080306-012	Bis(2-Ethylhexyl)phthalate	2.7	JB	U	Method blank
20061107UAW26-70V73N	A6K080306-013	Bis(2-Ethylhexyl)phthalate	1.1	JB	U	Method blank
2061107MW-EPA-4V17N	A6K080306-014	Bis(2-Ethylhexyl)phthalate	1.3	JB	U	Method blank
20061109UAW10-50V52@N	A6K100358-003	Bis(2-Ethylhexyl)phthalate	1.5	JB	U	Method blank
20061109UAW10-80V81@N	A6K100358-004	Bis(2-Ethylhexyl)phthalate	1.2	JB	U	Method blank
20061109UAW21-30V26@N	A6K100358-005	Bis(2-Ethylhexyl)phthalate	1.8	JB	U	Method blank
20061106UAW16-10V12N	A6K080306-002	Caprolactam	2.1	JB	U	Method blank
20061106UAW04-20V16N	A6K080306-007	Caprolactam	6.1	JB	U	Method blank
20061107UAW26-70V73N	A6K080306-013	Caprolactam	6.1	JB	U	Method blank
20061102UAW11-40V38N	A6K040175-003	Bis(2-Ethylhexyl)phthalate	1.0	J	U	Equipment blank
20061102UAW15-20V14N	A6K040175-004	Bis(2-Ethylhexyl)phthalate	2.9	J	U	Equipment blank
20061103UAW02-20V15N	A6K040175-006	Bis(2-Ethylhexyl)phthalate	3.6	J	U	Equipment blank
20061103UAW02-40V38N	A6K040175-007	Bis(2-Ethylhexyl)phthalate	2.0	J	U	Equipment blank
20061103UAW09-20V24N	A6K040175-008	Bis(2-Ethylhexyl)phthalate	1.5	J	U	Equipment blank
20061103UAW09-60V52N	A6K040175-009	Bis(2-Ethylhexyl)phthalate	1.6	J	U	Equipment blank
20061103UAW09-40V38FD	A6J040175-010	Bis(2-Ethylhexyl)phthalate	8.7	J	U	Equipment blank
20061106UAW16-10V12N (reanalysis)	A6K080306-002	Bis(2-Ethylhexyl)phthalate	1.9	J	U	Equipment blank
20061108UAW25-20V18.5N	A6K090393-003	Bis(2-Ethylhexyl)phthalate	2.0	J	U	Equipment blank
20061108UAW19-80V70N	A6K090393-004	Bis(2-Ethylhexyl)phthalate	1.4	J	U	Equipment blank
20061108UAW21-80V70N	A6K090393-008	Bis(2-Ethylhexyl)phthalate	0.99	J	U	Equipment blank
20061109MW-EPA-2V15@N	A6K100358-007	Bis(2-Ethylhexyl)phthalate	0.90	J	U	Equipment blank
20061109UAW05-20V15@N	A6K100358-008	Bis(2-Ethylhexyl)phthalate	1.4	J	U	Equipment blank
20061108UAW25-20V18.5N (reported as "20061108CINFB-1)	A6K090303-003 (reported as "A6K090303-007	Thallium	5.5	B	U	Field blank

TABLE 3 – DATA SELECTION DECISIONS

Sample ID	Lab Sample ID	Prep Batch	Analyte	Result	Units	Lab Flag	VAL Flag (Data Usability Flag)	Data Selection Decision	Reason
20061031UAW17-40V34N	A6K020268-001	6336019	ALL SVOCs				J/UJ	Don't Use (Use Original Analysis)	Analytical holding time exceedance
20061031UAW17-40V34N	A6K020268-001	6310131	ALL SVOCs				J/UJ	Use	
20061102CINEB-1	A6K040175-005	6326058	ALL SVOCs				J/UJ	Use	
20061102CINEB-1	A6K040175-005	6314070	ALL SVOCs				J/UJ	Don't Use (Use reanalysis)	Some analytes detected in reanalysis not detected
20061102CINEB-1	A6K040175-005	6313065	ALL SVOCs				J/UJ	Use	
20061106UAW16-10V12N	A6K080306-002	6330015	ALL SVOCs				J/UJ	Don't Use (Use Original Analysis)	Analytical holding time exceedance
20061106UAW16-10V12N	A6K080306-002	6314070	ALL SVOCs				J/UJ	Use	
20061106CINEB-1	A6K080306-004	6330015	ALL SVOCs				J/UJ	Don't Use (Use Original Analysis)	Analytical holding time exceedance
20061106CINEB-1	A6K080306-004	6314070	ALL SVOCs				J/UJ	Use	
20061106UAW04-20V16N	A6K080306-007	6330015	ALL SVOCs				J/UJ	Don't Use (Use Original Analysis)	Analytical holding time exceedance
20061106UAW04-20V16N	A6K080306-007	6314070	ALL SVOCs				J/UJ	Use	
20061107UAW26-70V73N	A6K080306-013	6330015	ALL SVOCs				J/UJ	Don't Use (Use Original Analysis)	Analytical holding time exceedance
20061107UAW26-70V73N	A6K080306-013	6314070	ALL SVOCs				J/UJ	Use	

"E" = exceeds calibration range, "J" VAL Flag (final Q) = estimated.