MONTGOMERY WATSON

September 28, 2000

US EPA RECORDS CENTER REGION 5
466893

Mr. Kevin Adler
Remedial Project Manager
U.S. Environmental Protection Agency
Region V, SR-6J
77 West Jackson Boulevard
Chicago, IL 60604-3590

Re: Groundwater Monitoring Report – March 2000
ACS NPL Site

Dear Mr. Adler:

Please find enclosed two copies of the Groundwater Monitoring Report for March 2000. In accordance with the ACS Groundwater Monitoring Plan, the sampling activities included collecting water levels at the network level-measuring stations and collecting samples for contaminant analysis from upper and lower aquifer monitoring wells.

We are also sending three copies of this report to IDEM and two copies to Black & Veatch Waste Systems. If you need additional copies of this report please let me know and we can forward them to you, or whomever you specify.

Sincerely,

Peter J. Vagt, Ph.D., CPG
Project Manager

cc: S. Grady (3 copies of report)
S. Mrkvicka, B&V (2 copy of report)
ACS Technical Committee (1 copy of report to each member)

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TECHNICAL MEMORANDUM
MARCH 2000 GROUNDWATER MONITORING REPORT

AMERICAN CHEMICAL SERVICE SUPERFUND SITE
GRIFFITH, INDIANA

Montgomery Watson File No. 1252042

Prepared For:

ACS RD/RA Executive Committee

Prepared By:

Montgomery Watson
27755 Diehl Road, Suite 300
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September 2000

EXECUTIVE SUMMARY

The long term groundwater monitoring plan at the American Chemical Service, Inc. (ACS) National Priorities List (NPL) Site in Griffith, Indiana, consists of semi-annual sampling of the 44 wells in the monitoring network. In addition, three of the monitoring wells, MW48, MW49, and MW9R are sampled on a quarterly basis and five private wells in the vicinity of the Site are sampled once each year. For one of the semi-annual sampling events, the monitoring well samples are analyzed for the full Target Compound List and Target Analyte List (TCL/TAL) parameters. For the other major sampling event, the samples are analyzed for a reduced list of indicator parameters. Each quarter, water levels are measured at all monitoring network points in a single 24-hour period.

This Technical Memorandum summarizes the March 2000 groundwater monitoring activities at the ACS NPL Site. The March event consisted of a major sampling event, with the samples analyzed for the full list of parameters. All samples and analyses were conducted in accordance with the September 1997 U. S. Environmental Protection Agency (U.S. EPA) approved sampling plan.

SITE HYDROGEOLOGY

The regional groundwater flow in the upper aquifer is from east to west in the vicinity of the ACS facility. At the ACS Site, the flow is diverted to the north and to the south by the barrier wall, installed as part of the ACS remedy. The potentiometric surface to the northwest of the Site (including the wetland area) is relatively flat due to the effects of the Perimeter Groundwater Containment (PGCS) Trench, barrier wall, and discharge points from the groundwater treatment plant effluent. Depressed water levels in the Town of Griffith Landfill show evidence of the effect of their leachate collection system (LCS).

Horizontal groundwater flow in the lower aquifer is northward with a hydraulic gradient of 0.00039. This gradient is consistent with previous lower aquifer data presented in earlier groundwater technical memoranda.

Vertical gradients were calculated across three aquifer horizons: 1) the upper aquifer in the wetland area, 2) the upper and lower aquifers, and 3) the lower aquifer. All gradients were consistent with previous findings. Vertical gradients measured in the wetland area were very small and were generally upwards as in the past. Downward vertical gradients were measured between the upper and lower aquifer. Vertical gradients measured in the lower aquifer were small and variable; of the calculated gradients in the lower aquifer, five were downward, three were upward, and five were within the margin of potential error in water level measurement. Consistent vertical gradient trends are seen in three well nests in the lower aquifer: downward at MW52/MW53 and MW54R/MW55, and upward at MW9R/MW34. This variability indicates that there is not an overall trend in vertical gradient data in the lower aquifer.

EXECUTIVE SUMMARY

For discussion purposes, the upper aquifer flow system was divided into three regions for analysis: the North Area, South Area, and the Griffith Landfill. The North Area extends northward from the north end of the Site near the On-Site Containment Area and west/northwest into the wetlands, and the South Area extends southeasterly from the barrier wall at the southern end of the Off-Site Area.

Groundwater sampling within the shallow aquifer during the March 2000 event was conducted on twenty-two monitoring wells. Normally, twenty-three wells are sampled from the upper aquifer, but MW18 did not contain enough water to be sampled. Detections of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides/poly-chlorinated biphenols (Pest/PCBs), and inorganics were compared to the maximum baseline concentrations for each well. Benzene exceeded baseline concentrations in the sample from MW06, and chloroethane exceeded baseline concentrations in M-4S and MW19. Xylenes exceeded baseline concentrations in MW06. SVOCs exceeded baseline concentrations at MW06, MW19, and MW42. Pest/PCBs exceeded baseline concentrations in MW19. Exceedances of inorganic compounds were detected in eighteen upper aquifer monitoring wells. All other detections were below baseline values.

In the lower aquifer, twenty-one wells were sampled during March 2000. Detection of VOCs, SVOCs, Pest/PCBs, and inorganics were compared to the maximum baseline concentration for each well. No VOCs, SVOCs, or Pest/PCBs were detected above baseline concentrations. Chloroethane and benzene continue to be detected in MW9R and MW10C with concentrations within the range of previous detections. The downward trend in benzene concentration since monitoring well MW9 was replaced appears to be continuing. Exceedances of inorganic compounds were detected in fourteen lower aquifer monitoring wells.

A separate report will be submitted that includes a discussion and data evaluation for the groundwater treatment system effluent samples.

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1.0 INTRODUCTION

1.1 LONG TERM GROUNDWATER MONITORING PLAN

The long-term groundwater monitoring plan, approved by U.S. Environmental Protection Agency (U.S. EPA) in September 1997, for the American Chemical Service, Inc. (ACS) National Priorities List (NPL) Site in Griffith, Indiana, consists of two major (semi-annual) sampling events each year and two minor sampling events. The major sampling events consist of sample collection at 44 monitoring wells in the monitoring network. For one of the semi-annual sampling events, the groundwater samples are analyzed for full scan Target Compound List and Target Analyte List (TCL/TAL) parameters. For the other semi-annual sampling event, the samples are analyzed for a reduced list of indicator parameters. The indicator parameters are tetrachloroethene (PCE), trichloroethene (TCE), 1,1,1-trichloroethane (TCA), 1,1-dichloroethene (DCE), 1,2-dichloroethene (1,2-DCE), vinyl chloride (VC), chloroethane, benzene, arsenic, and lead.

The minor sampling events consist of sampling three monitoring wells within the monitoring network, which have shown variable contaminant concentrations during the baseline sampling. These include upper aquifer monitoring wells MW48 and MW49, and lower aquifer monitoring well MW9R. Samples from these monitoring wells are analyzed for indicator parameters. Monitoring well MW9R has been analyzed for full scan TCL/TAL compound list during the minor sampling events in the past, but during 1999 and 2000, it will be analyzed for the same compound list as monitoring wells MW48 and MW49, in accordance with the U.S. EPA Letter dated June 15, 1998.

During each of the four sampling events, water levels are collected from the full monitoring network prior to collecting groundwater samples. These measurements are conducted within a 24-hour period.

Once annually, samples are to be collected from five private wells and analyzed for the full scan TCL/TAL parameters.

1.2 OBJECTIVES AND SCOPE OF MARCH 2000 SAMPLING

The March 2000 sampling consisted of a major sampling event, with sample collection at 43 monitoring wells (one well, MW-18, could not be sampled because of insufficient water level). Thirty-seven samples were analyzed for the full TCL/TAL parameter list, and seven samples for the reduced list of indicator parameters. The following objectives from the long term groundwater monitoring plan apply to the quarterly sampling at the ACS NPL Site.

1. Collect water level data to monitor groundwater flow in the upper and lower aquifers and calculate the hydraulic gradients between the aquifers.

2. Collect water level data to document the performance of the Perimeter Groundwater Containment System (PGCS) and Barrier Wall Extraction System (BWES) and to evaluate changes in the groundwater flow system resulting from the remedial actions (these activities are outlined in the Performance Standard Verification Plan, April 1997). The Groundwater Treatment Plant Quarterly Monitoring Report is submitted under separate cover and includes information on this objective.

3. Collect and analyze groundwater samples from upgradient monitoring wells in the upper and lower aquifer to document background groundwater quality.

4. Collect and analyze groundwater samples from the monitoring wells at the downgradient boundaries of the Site to closely monitor the status of the boundaries of groundwater impacts.

5. Collect and analyze groundwater samples from the interior of the areas of contaminated groundwater to document how concentrations change with time and in response to the remedial actions.

6. Assess progress toward attaining cleanup objectives in contaminated areas.

1.3 ORGANIZATION OF TECHNICAL MEMORANDUM

The results of the March 2000 groundwater monitoring activities at the ACS NPL Site are presented in the following sections of this report:

- Section 1 Objectives and scope of the groundwater monitoring activities
- Section 2 Field data collection activities
- Section 3 Evaluation of the March 2000 sampling data
- Section 4 Summary and Conclusions

Tables, figures and appendices are presented at the end of this report.

A baseline sampling report was completed following the September 1997 sampling event and included a long-term Groundwater Monitoring Plan. In accordance with the U.S. EPA-approved Groundwater Monitoring Plan, this Technical Memorandum compares the March 2000 groundwater analytical results to the highest detected concentrations observed for each well and parameter during the baseline sampling. This comparison table is found in Appendix A.

2.0 FIELD DATA COLLECTION ACTIVITIES MARCH 2000

Field activities were conducted from March 27 through March 31, 2000 at the ACS Site. The groundwater monitoring activities were conducted in accordance with the U.S. EPA-approved Specific Operating Procedures (SOPs), the Pre-Design Quality Assurance Project Plan (QAPP) submitted in August 1995, and U.S. EPA comments regarding the Pre-Design QAPP. All monitoring wells were purged and sampled using low-flow methods in accordance with the approved Monitoring Well Sampling Proposal and Protocol SOP for the Upper Aquifer Investigation (Revision: July 25, 1996). The March 2000 groundwater sampling event consisted of the following activities:

- Measurement of water levels in 149 upper and lower aquifer wells, piezometers, and staff gauges on March 27, 2000.

- Upper aquifer monitoring: collection of groundwater samples from 19 monitoring wells and analyses for TCL/TAL parameters; collection of groundwater samples from 4 monitoring wells and analyses of indicator parameters. One upper aquifer well (MW-18) scheduled for sampling contained less than three feet of standing water, so there was not enough to obtain a representative sample.

- Lower aquifer monitoring: collection of groundwater samples from 18 monitoring wells and analysis for TCL/TAL parameters; and collections of groundwater samples from 3 monitoring wells and analyses for indicator parameters.

Groundwater samples were collected from March 27 through March 31, 2000.

2.1 WATER LEVELS

Water level measurements were collected at upper and lower aquifer wells, piezometers, and surface water staff gauges on March 27, 2000. The water level measurements were utilized to determine groundwater flow directions in the upper and lower aquifers, and to calculate vertical gradients both within and between the aquifers. Table 1 contains water level measurements, map coordinates (reference points), top of inside well casing elevations, and calculated groundwater elevations for the measurement points.

2.2 GROUNDWATER SAMPLING

Prior to sampling the monitoring wells, each well was purged using low-flow methods in accordance with the U.S. EPA approved Monitoring Well Sampling SOP of the Upper Aquifer Investigation (revision: March 21, 1997). Field parameters (pH, specific conductivity, temperature, dissolved oxygen (DO), oxidation-reduction potential (ORP),

and turbidity) were measured and recorded during well purging activities. Table 2 presents a summary of the field parameter results.

A water column of at least three feet is required to collect a representative and accurate groundwater sample. The intake of the Grundfos™ sampling pump is at the top of the pump. During operation, the Grundfos™ pump cools itself by contact with the surrounding water. Without the cooling effect of the water, the pump will overheat and fail to operate properly, and also cause the groundwater temperature to increase, which may alter the sample composition by driving off VOCs. Because drawdown of up to one foot is expected during sampling, two feet of water is required above the intake of the pump. Since the pump length is about 1 foot, the pump intake will be located at least one foot above the bottom of the well. These requirements are the basis for minimum three feet of water in a well. Monitoring well MW-18 did not meet these requirements, and thus was not sampled.

The groundwater samples were sent overnight under chain-of-custody to CompuChem Laboratory, Cary, North Carolina, where they were analyzed for the parameters summarized in Tables 3 and 4. The tables summarize well identification, well screen depth (lower aquifer only), location with respect to area of groundwater contamination, and monitoring parameters.

3.0 EVALUATION OF MARCH 2000 SAMPLING DATA

3.1 GROUNDWATER FLOW SYSTEM DATA

Water table and potentiometric surface maps were developed for the upper and lower aquifers and the overall horizontal hydraulic gradient was calculated for the lower aquifer. Vertical hydraulic gradients were calculated across three aquifer horizons: 1) within the upper aquifer in the wetland area, 2) within the lower aquifer, and 3) between the upper and lower aquifers. The following sections present and discuss the general flow directions in the upper and lower aquifers and the calculated gradients.

Vertical hydraulic gradients were calculated for both the upper and lower aquifers using water level measurement data from adjacent wells and piezometers screened at different depths within each aquifer.

3.1.1 Groundwater Flow in the Upper Aquifer

The upper aquifer matrix is homogeneous silty sand with no evidence of interlayering or bedding complexities. Many years of groundwater flow monitoring have shown that the natural regional groundwater flow in this aquifer is westward. The barrier wall, completed in 1997, has affected the groundwater flow by diverting it to the north-northwest and to the south-southeast.

Figure 1 presents the upper aquifer water table elevations from data collected on March 27, 2000. Due to the large number of data points (8 staff gauges, 31 wells, and more than 100 piezometers), little interpolation was required to develop detailed contour plots. Since the Remedial Investigation in 1991, all water table maps developed for the ACS Site have consistently shown the same general groundwater flow patterns. The gradient to the northwest of the site is relatively flat due to the affects of the PGCS trench, barrier wall, and discharge points from the groundwater treatment plant. Southwest of the Site, the water levels are depressed due to the effects of the Town of Griffith Landfill's leachate collection system. During the November 1999 sampling event, the water table elevation in monitoring well MW41 was measured about 10 feet below normal. Measurements in nearby monitoring wells MW45 and MW42 showed expected water table elevations. During measurement it was noted that a large excavation was being dug about 100 feet to the northeast, and that this excavation was dry and evidently being de-watered. During the March 2000 sampling event, the water level in MW41 returned to normal levels, and it was observed that the excavation to the northeast was full of water. It seems likely that de-watering of this excavation caused the low water table elevation in MW41 during the November 1999 measurement.

3.1.2 Vertical Gradients in the Upper Aquifer

Table 5 shows the upper aquifer vertical gradient calculations based on the March 2000 water level measurements. These are shown in their historical context in the tabulation below:

Piezometer Nest	Sept 1997	Dec 1997	June 1998	Sept 1998	Nov 1998	March 1999	June 1999	Sept 1999	Nov 1999	March 2000
P64/P65	0.022	0.016	0.020	0.016	0.016	0.018	0.014	0.010	0.010	0.016
P66/P67	0.007	0.002	0.005	0.004	0.003	WU	0.006	-0.010	WU	0.002
P68/P69	0.003	0.007	0.003	0.005	WU	0.005	0.012	0.010	-0.008	0.003
P70/P71	0.035	0.037	0.023	0.057	0.073	0.040	0.042	0.055	0.058	0.037

Notes:
WU= Within uncertainty of measurement technique.
Negative value indicates downward gradient.

The vertical gradients in the upper aquifer were calculated by dividing the difference in head between nested piezometers by the vertical distance between screen midpoints. The vertical gradients are generally small and upward, which is the typical occurrence in a wetland area where groundwater discharges to the surface.

3.1.3 Groundwater Flow in the Lower Aquifer

The lower aquifer groundwater elevations listed in Table 1 were used to develop a potentiometric surface map for the lower aquifer (Figure 2). The groundwater flow in the lower aquifer is northward, consistent with historical groundwater data. The horizontal hydraulic gradient in the lower aquifer was calculated using the measured difference in head between MW50, located south of the Site, and MW52, located northwest of the Site in the wetlands. This difference, 0.94 feet on March 27, 2000, was divided by the lateral distance between the two wells (2,429 feet). Based on this calculation, the horizontal hydraulic gradient in the lower aquifer is 0.00039. This is consistent with the relatively low gradients historically calculated for the lower aquifer, as summarized below.

Report of Hydraulic Gradient in Lower Aquifer		Horizontal Hydraulic Gradient
Technical Memorandum	(October 1995)	0.00041
Lower Aquifer Tech Memo	(September 1996)	0.00047
Groundwater Monitoring Report	(August 1996)	0.00047
Groundwater Monitoring Report	(November 1996)	0.00049
Groundwater Monitoring Report	(March 1997)	0.00040
Groundwater Monitoring Report	(June 1997)	0.00044
Groundwater Monitoring Report	(September 1997)	0.00035
Groundwater Monitoring Report	(December 1997)	0.00039
Groundwater Monitoring Report	(June 1998)	0.00042
Groundwater Monitoring Report	(September 1998)	0.00029
Groundwater Monitoring Report	(December 1998)	0.00024
Groundwater Monitoring Report	(March 1999)	0.00033
Groundwater Monitoring Report	(June 1999)	0.00038
Groundwater Monitoring Report	(September 1999)	0.00035
Groundwater Monitoring Report	(November 1999)	0.00030
March 2000 Groundwater Monitoring Report		0.00039
	Average	0.00038

3.1.4 Vertical Gradients in the Lower Aquifer

Seven nested well sets are screened in the lower aquifer. At each location, there are two or three monitoring wells and/or piezometers, each screened at a different depth within the lower aquifer. The depth intervals include the upper portion, the middle portion, and the lower portion.

The groundwater elevations at each of these wells (Table 1) were used to calculate vertical hydraulic gradients in the lower aquifer at each location. Table 6 summarizes the calculated vertical gradients. Calculated vertical gradients from March 2000 are shown in their historical context in the following tabulation:

Well/Piezometer Nest	Dec 1997	June 1998	Sept 1998	Nov 1998	Mar 1999	June 1999	Sept 1999	Nov 1999	Mar 2000
MW7/PZ44	-0.0005	WU	NA	WU	WU	WU	-0.0016	0.0064	-0.0016
MW8/MW32	WU	WU	WU	-0.0033	0.0011	-0.0007	0.0227	WU	0.0017
MW9R/MW34	WU	NA	WU	0.0006	WU	0.0037	0.0040	0.0037	0.0040
MW30/MW33	-0.0040	NA	NA	WU	WU	-0.0058	WU	-0.0005	WU
MW28/PZ43	WU	0.0021	0.0045	0.0008	0.0011	0.0025	0.0140	0.0029	-0.0012
MW52/MW53	-0.0008	-0.001	-0.0006	-0.0008	-0.0012	-0.0008	-0.0002	-0.0008	-0.0010
MW54R/MW55	-0.0012	NA	NA	NA	-0.0069	-0.0077	-0.0071	-0.0020	-0.0055

Notes
WU= Within uncertainty of measurement technique.
NA = A water elevation necessary for the calculation was not available.
Negative value indicates downward gradient.

Of the calculated vertical gradients across the lower aquifer, five were downward, three were upward, and five were within the uncertainty of the measurement technique. Consistent downward vertical gradients are observed at well nests MW52/MW53 and MW54R/MW55, and consistent upward vertical gradients are observed at well nest MW9R/MW34. There appears to be a slightly downward gradient at most locations.

3.1.5 Vertical Gradient Between Upper and Lower Aquifer

Groundwater elevations from upper and lower aquifer monitoring points were utilized to calculate the vertical hydraulic gradient between the two aquifers at three locations (P28/MW8, P27/MW9R, and P8/MW7). Vertical gradients were calculated by dividing the difference in head between the upper and lower aquifer wells by the thickness of the clay-confining layer between the two wells. These are summarized in Table 7. Since piezometer P8 was dry during March 2000, one of the vertical gradient calculations could not be completed. The gradients at P28/MW8 and P27/MW9R, however, are consistent with previous findings. The results show that there is a relatively strong downward gradient from the upper aquifer to the lower aquifer. This is because the majority of head drop occurs across the low permeability clay layer. The average groundwater elevations in the upper and lower aquifers, respectively, are approximately 631 and 621 feet above mean sea level (amsl). The confining clay layer between the upper and lower aquifer varies in thickness from greater than 30 feet in the south to less than 5 feet in the wetland to the northwest (MW10C area). Therefore, the variability in calculated downward gradients is

due to the variable thickness of the clay confining layer rather than the difference in head between the upper and lower aquifer.

3.2 MONITORING WELL SAMPLE DATA

Groundwater samples were analyzed for full-scan TCL/TAL parameters. The laboratory results were validated in accordance with U.S. EPA Region V guidelines, *U.S. EPA Contract Laboratory Program National Functional Guidelines For Organic Data Review (2/94)* and *Inorganic Data Review (2/94)*. Evaluation of the data is discussed in Section 4.0. Validation narratives and laboratory analytical reports for samples from the upper aquifer and the lower aquifer are provided in Appendices C and D, respectively.

The analytical results for the March 2000 quarterly sampling were evaluated for evidence of contaminant migration, changes in contaminant concentrations over time in response to remedial actions, and the presence of contaminants in the lower aquifer. Time trend plots for monitoring wells M-4S, MW6, MW11, MW12, MW13, MW14, MW15, MW18, MW19, MW37, MW38, MW39, MW40, MW41, MW42, MW43, MW44, MW45, MW46, MW47, MW48, MW49, MW9R, and MW10C are presented in Appendix B. The following sections summarize the results of the organic analyses in the upper aquifer (Section 3.2.1), the organic analyses in the lower aquifer (Section 3.2.2), and the inorganic analyses in both aquifers (Section 3.2.3).

3.2.1 Groundwater Sampling Results in the Upper Aquifer

The ACS Site, except for the wetlands, has been identified as the source of groundwater contamination in the upper aquifer. The Site source areas are currently contained within the barrier wall, which prevents future migration of contaminants to the adjacent areas. Because the source is contained, the groundwater monitoring program is focused on the adjacent areas not confined by the barrier wall. These surrounding areas are: the areas north and west of the ACS Facility, referred to as the North Area; the area south/southeast of Colfax Avenue, referred to as the South Area; and the Town of Griffith Landfill, which covers the area to the southwest of the ACS Site.

Table 8 and Figure 3 present a summary of TCL organic compounds detected in groundwater samples collected from wells in these areas during the March 2000 sampling event. Appendix A also provides a summary table of the analytical data for this round.

3.2.1.1 VOCs

Figure 3 shows the location of VOC detections in the upper aquifer on a map of the area surrounding the ACS Site. The impact in the three surrounding areas is comprised primarily of chloroethane and benzene. Several other VOCs were detected during March 2000, including acetone, methylene chloride, methyl tertiary-butyl ether (MTBE), toluene, xylenes, trans-1,2-dichloroethene, and vinyl chloride. Most of these detections were estimated concentrations that were below the reporting limit. Below is a discussion of the VOC analytical results for each of the three surrounding areas.

North Area. The North Area is monitored by an array of groundwater wells located hydraulically upgradient of the North Area, within the North Area, at the edge (side gradient) of the North Area, and hydraulically downgradient from the edge of the North Area. These wells are as follows:

Upgradient (east/northeast of Site)	Interior (north of Site)	Side Gradient (north of Site)	Downgradient (north of Site)
MW11	MW13	MW39	MW37
MW12	MW48		MW38
MW40	MW49		

The contamination in the North Area comprised primarily of benzene and chloroethane. No VOCs were detected in the groundwater in the upgradient wells. Acetone, methylene chloride, and trans-1,2-dichloroethene were detected at side-gradient well MW39, however, the estimated concentrations of these compounds (1, 2, and 2 µg/L, respectively) were below the baseline concentrations for these compounds. Benzene (1 µg/L) and toluene (1 µg/L) were detected in downgradient well MW37, and acetone (1 µg/L), methylene chloride (2 µg/L), and toluene (3 µg/L) were detected in downgradient well MW38. All of these concentrations were estimated and were below the baseline concentrations. Also, acetone and methylene chloride were found in the associated blank, and indicate probable blank contamination.

Chloroethane and benzene continue to be detected in interior wells MW48 and MW49, but did not exceed maximum baseline concentrations during March 2000. Concentrations of benzene and chloroethane in these wells have decreased by approximately an order of magnitude since November 1999. Time trend plots for these compounds are found in Appendix B. Methylene chloride was detected in MW48 and MW49, and toluene was detected in MW48, but these compounds were detected at estimated concentrations and were below baseline concentrations. The following table summarizes historical benzene and chloroethane detections in MW48 and MW49:

Monitoring Wells MW48 and MW49 (Upper Aquifer)

Monitoring Well	MW48		MW49	
Sampling Date	Benzene	Chloroethane	Benzene	Chloroethane
Baseline Value	9,500 µg/L	1,000 µg/L	6,750 µg/L	715 µg/L
August 1996	9,100 µg/L	1,000 µg/L	5,000 µg/L	480 µg/L
March 1997	5,200 µg/L	620 µg/L	1,600 µg/L	310 µg/L
June 1997	7,700 µg/L	670 µg/L	4,800 µg/L	540 µg/L
September 1997	9,500 µg/L	980 µg/L	8,200 µg/L	810 µg/L
December 1997	3,800 µg/L	300 µg/L	3,300 µg/L	250 µg/L
June 1998	9,500 µg/L	720 µg/L	4,500 µg/L	450 µg/L
September 1998	7,800 µg/L	610 µg/L	4,700 µg/L	650 µg/L
December 1998	5,500 µg/L	420 µg/L	4,200 µg/L	440 µg/L
(cont.)				

Monitoring Well	MW48		MW49	
Sampling Date	Benzene	Chloroethane	Benzene	Chloroethane
Baseline Value	9,500 µg/L	1,000 µg/L	6,750 µg/L	715 µg/L
March 1999	1,900 µg/L	83 µg/L	1,900 µg/L	180 µg/L
June 1999	5,700 µg/L	290 µg/L	2,600 µg/L	220 µg/L
September 1999	5,400 µg/L	290 µg/L	2,200 µg/L	210 µg/L
November 1999	2,400 µg/L	140 µg/L	2,400 µg/L	260 µg/L
March 2000	220 µg/L	24 µg/L	530 µg/L	91 µg/L

Chloroethane and benzene were not detected in interior well MW13 during the March 2000 sampling round. Methylene chloride was detected at estimated concentrations (1 µg/L), which was below the baseline value. MW13 is located in the wetland area on the west side of the Site and is downgradient of interior wells MW48 and MW49 in which the highest chloroethane and benzene concentrations have historically been detected in the North Area. The following table summarizes historical chloroethane and benzene detections in MW13:

Monitoring Well MW13 (Upper Aquifer)

Sampling Date	Chloroethane	Benzene
Baseline Value	570 µg/L	610 µg/L
November 1996	97 µg/L	6 µg/L
March 1997	330 µg/L	170 µg/L
June 1997	570 µg/L	610 µg/L
September 1997	160 µg/L	33 µg/L
December 1997	20 µg/L	ND
June 1998	82 J µg/L	2.0 J µg/L
December 1998	ND	ND
June 1999	ND	ND
November 1999	ND	ND
March 2000	ND	ND

Note:
J qualifier indicates concentration is estimated.
ND indicates compound was not detected

South Area. The South Area is monitored by an array of groundwater wells located hydraulically upgradient of the South Area, within the South Area, at the edge (side gradient) of the South Area, and hydraulically downgradient from the edge of the South Area. These wells are as follows:

Upgradient (south/east of Site)	Interior (south/southeast of Site)	Side Gradient (south/southeast of Site)	Downgradient (southeast of Site)
MW18	MW6	MW41	MW15
	MW45	MW44	MW42
	MW19	MW47	MW43

As in the North Area, contamination in South Area wells primarily consists of chloroethane and benzene. These contaminants were not detected in side-gradient or downgradient

wells. Acetone and methylene chloride were detected in samples from wells MW15, MW41, MW43, and MW47 at relatively low, estimated concentrations, and were detected in the associated blank, indicating blank contamination. MTBE was detected in the sample from well MW15 and several VOCs were detected in the sample from MW44 at estimated concentrations below the maximum baseline concentrations. MW15 is located at the south (downgradient) side of the Town of Griffith Landfill.

Upgradient well MW18 contained about 1 foot of water, which was not enough water to collect an adequate sample. This well was not sampled in November 1999 for the same reason. This well appears to be obstructed, since the well construction log indicates that the total depth of the well should be 22 feet, and the total depth recorded in March 2000 was 12.25 feet. The usefulness of this well will be evaluated during the upcoming development of the long-term groundwater monitoring plan.

Chloroethane and/or benzene were detected in interior wells MW06, MW19, and MW45. Benzene was not detected in MW19, but chloroethane was detected at concentrations (24 µg/L) above the baseline value (20 µg/L). Although chloroethane concentrations at MW19 have increased over the past three sampling events, it does not appear to be a consistent trend (see time trend in Appendix B). MW19 will continue to be monitored to evaluate for concentration trends.

The concentration of benzene exceeded baseline concentrations in well MW06. Xylenes were also detected at concentrations (320 µg/L) above the baseline value (40 µg/L). Chloroethane concentrations were below baseline levels. Several other VOCs were detected at relatively low, estimated concentrations. The concentrations of benzene and chloroethane detected at well MW6 have fluctuated over time. Although concentrations of benzene and chloroethane have been increasing over the past three sampling events, these trends do not represent new high concentration levels. Concentrations at MW06 during the baseline were lower than those observed during the Remedial Investigation (1,500 µg/L benzene). This is because relatively clean water had mounded in a UST excavation in 1994 and 1995, prior to and during the baseline sampling. This mounding contributed to dilution in the upper aquifer and so the baseline sampling results were not representative of the background concentrations in the vicinity of MW06.

Furthermore, the groundwater flow direction has changed since completion of the Barrier Wall in July 1997. Groundwater reaching MW06 is coming from the northeast (Figure 1). This is directly downgradient from the Reder Road, Colfax Avenue intersection, an area that showed elevated concentrations of benzene during the Tracer Investigation.

The proposed response to the exceedance at MW06 is to continue monitoring at this well.

Monitoring Well MW06 (Upper Aquifer)

Sampling Date	Benzene	Chloroethane
Baseline Value	320 µg/L	720 µg/L
November 1996	320 µg/L	720 µg/L
March 1997	35 µg/L	67 µg/L
June 1997	39 µg/L	140 µg/L
September 1997	140 µg/L	140 µg/L
December 1997	1,900 µg/L	550 J µg/L
June 1998	72 J µg/L	350 J µg/L
December 1998	930 µg/L	840 µg/L
June 1999	180 µg/L	78 µg/L
November 1999	480 µg/L	310 µg/L
March 2000	2,100 µg/L	420 J µg/L

Note:
J qualifier indicates concentration is estimated.

There appears to be a decreasing trend for concentrations of chloroethane and benzene at MW45, as shown in the following table.

Monitoring Well MW45 (Upper Aquifer)

Sampling Date	Benzene	Chloroethane
Baseline Value	1045 µg/L	215 µg/L
August 1996	530 µg/L	82 J µg/L
March 1997	1,045 µg/L	215 µg/L
June 1997	940 µg/L	120 µg/L
September 1997	860 µg/L	120 µg/L
December 1997	670 µg/L	130 J µg/L
June 1998	670 J µg/L	120 J µg/L
December 1998	500 µg/L	88 µg/L
June 1999	360 µg/L	38 µg/L
November 1999	340 µg/L	32 µg/L
March 2000	290 µg/L	38 µg/L

Notes:
J qualifier indicates concentration is estimated.
ND indicates compound was not detected

This decreasing trend may be related to the pond located between MW06 and MW19 (Figure 1). The pond may be slightly changing the groundwater flow direction to the southwest, instead of south-southeast towards MW19. Also, it may be acting as a barrier to groundwater flow, and contributing clean water into the groundwater, thus reducing the concentrations of contaminants downgradient of this area (MW45).

Griffith Landfill. The Griffith Landfill covers the area to the southwest of the Off-Site Containment Area of the Site. Three upper aquifer wells were sampled within the landfill area: Griffith Landfill wells M-1S and M-4S, and monitoring well MW15.

Chloroethane and benzene were detected in the sample collected at M-4S, located at the northeast boundary of the landfill. Benzene was detected in M-1S at relatively low, estimated concentrations. Neither benzene nor chloroethane were detected in MW15. The concentration of chloroethane exceeded the baseline concentrations at Griffith Landfill well M-4S. The concentration of chloroethane in samples from M-4S had been decreasing over the previous three sampling events, but rose during March 2000. Because M-4S is located on the Landfill property and groundwater quality at this location is strongly influenced by landfill leachate, we will continue to monitor M-4S to evaluate if the concentration of chloroethane shows a continuing trend.

3.2.1.2 SVOCs

The SVOC concentrations reported for the March 2000 groundwater monitoring activities were generally consistent with historical concentrations. SVOC compounds detected in groundwater samples collected from the upper aquifer monitoring wells included bis(2-ethylhexyl)phthalate, bis(2-chloroethyl)ether, 2-methylnaphthalene, 2,2'-oxybis(1-chloropropane), naphthalene, 2,4-dimethylphenol, isophorone, and phenol. The phenol and bis(2-ethylhexyl)phthalate detections may be related to tubing used for sampling, or from laboratory artifacts. Table 8 summarizes the TCL SVOCs detected in the upper aquifer.

Concentrations of SVOCs in samples from monitoring wells MW06, MW19, and MW42 exceeded maximum baseline concentrations for those wells. Bis(2-chloroethyl)ether exceeded the baseline concentration at samples from wells MW06 (69 µg/L; baseline of 56 µg/L) and MW19 (20 µg/L; baseline of 12 µg/L), and 2,4-dimethylphenol (28 µg/L) exceeded the baseline concentration (20 µg/L) in samples from MW06. Compared to the June 1999 event, the concentration of bis(2-chloroethyl)ether in the sample from MW19 has decreased, although it still exceeds the baseline value. This well will continued to be monitored for future exceedances of bis(2-chloroethyl)ether. Bis(2-ethylhexyl)phthalate was detected in the sample from MW42 (45 ug/L) above the baseline concentration for that well (10 ug/L). This exceedance appears to be random detection, consistent with the documented occurrence of laboratory contamination. We will continue to monitor the presence of this compound in MW42.

During the June 1998 and June 1999 sampling events, the concentration of bis(2-chloroethyl)ether in monitoring well M4S exceeded the baseline value. During March 2000, the concentration (54 µg/L) was below the baseline value (71 µg/L).

3.2.1.3 Pesticides and PCBs

Several pesticides and PCBs were detected in upper aquifer groundwater samples collected in March 2000. These concentrations are very low and show no consistent pattern from one sampling event to the next. Many were estimated concentrations and probably resulted from blank contamination. One pesticide, beta-BHC, was detected in the sample from well MW19 at a concentration of 0.051 µg/L, which only slightly exceeds the baseline concentration for that well (0.050 µg/L). However, beta-BHC was also found in the associated blank. While PCBs are a chemical of concern in soils at the site, they have not

historically been chemicals of concern in groundwater. We will continue to monitor the concentration of beta-BHC at MW19. There were no other exceedances of baseline concentrations in pesticides and PCBs during March 2000.

3.2.1.4 Tentatively Identified Compounds (TICs)

Several VOC and SVOC tentatively identified compounds (TICS) were detected in upper aquifer monitoring wells during March 2000. Ether was detected in the following four upper aquifer monitoring wells: MW06 (110 µg/L), M-4S (30 µg/L), M-1S (17 µg/L), and MW13 (15 µg/L). Other VOC TICs detected during March 2000 include 3,3,5-trimethcyclohexanone, propane, tetrahydrofuran, diethyl sulfide, 3-heptanonone, indane, 1,4-dioxane, various benzene- and methane- related compounds, and unknown compounds. The most common SVOC TICs detected include: benzoic acids, propanoic acids, sulfur, trichloropropene, phenobarbital, secobarbital sodium, 3,3,5-trimethcyclohexanone, phenol, and several unknown compounds. The complete listing of TICs is compiled in Appendix C along with the analytical results.

3.2.2 Groundwater Sampling Results from the Lower Aquifer

Table 9 presents a summary of TCL organic compounds detected in groundwater samples collected from lower aquifer monitoring wells during the March 2000 sampling event. Appendix A also provides a summary table of the analytical data for this round.

3.2.2.1 VOCs

Figure 4 summarizes the VOC detections in groundwater samples collected from lower aquifer monitoring wells. Benzene was detected at four wells, ATMW-4D, MW09R, MW10C, and MW53, and chloroethane was detected at three wells, ATMW-4D, MW09R, and MW10C. Acetone, methylene chloride, and/or 4-methyl-2-pentanone were detected in samples from 12 of the 21 lower aquifer wells. No VOCs were detected above the maximum baseline concentrations in the March 2000 sampling event. VOC concentrations at ATMW-4D, MW09R, and MW10C are at concentrations within the range of previous detections for these wells. The sample at MW53 had a detection of benzene at estimated concentrations below the reporting limit.

In MW9R, benzene concentrations increased slightly during the November 1999 sampling event, but returned to normal concentrations during March 2000. Chloroethane concentrations have decreased over the last several sampling events. A time trend plot for these compounds is found in Appendix B. The following tabulation shows the concentration of benzene has decreased with the installation of MW9R.

Sampling Date	Benzene	Chloroethane
Baseline Value	310 µg/L	2900 µg/L
March 1997	310 µg/L	2900 µg/L
June 1997	280 µg/L	1700 µg/L
September 1997	290 µg/L	1800 µg/L
December 1997	260 µg/L	2000 µg/L
(cont.)		

Sampling Date	Benzene	Chloroethane
Baseline Value	310 µg/L	2900 µg/L
June 1998*	110 µg/L	1400 µg/L
September 1998*	100 µg/L	2000 µg/L
December 1998*	160 µg/L	2300 µg/L
March 1999*	130 µg/L	760 µg/L
June 1999*	160 µg/L	490 µg/L
September 1999*	120 µg/L	650 µg/L
November 1999*	160 µg/L	540 µg/L
March 2000*	120 µg/L	460 µg/L

*Sample collected from replacement well MW9R

During November 1999, concentrations of benzene in MW10C exceeded the maximum baseline concentration. During the March 2000 sampling event, benzene concentrations were below the maximum baseline concentration. This well will continue to be monitored during the next several events. A time trend plot for these compounds is included in Appendix B. The following tabulation shows the historical concentrations of benzene and chloroethane at MW10C.

Sampling Date	Benzene	Chloroethane
Baseline Value	150 µg/L	420 µg/L
May 1990	ND	ND
January 1995	ND	ND
November 1996	ND	120 µg/L
March 1997	ND	140 µg/L
June 1997	ND	440 µg/L
September 1997	ND	420 µg/L
December 1997	ND	160 µg/L
June 1998	ND	160 µg/L
December 1998	66 µg/L	150 µg/L
June 1999	2,000 µg/L	2,600 µg/L
September 1999	83 µg/L	88 µg/L
November 1999	340 µg/L	360 µg/L
March 2000	120 µg/L	180 µg/L

3.2.2.2 SVOCs

SVOCs were analyzed from groundwater samples collected from eighteen of the twenty-one lower aquifer monitoring wells as part of the March 2000 groundwater monitoring activities, as required by the U.S. EPA approved Groundwater Monitoring Plan. SVOC compounds detected in groundwater samples collected from the lower aquifer monitoring wells included bis(2-ethylhexyl)phthalate, bis(2-chloroethyl)ether, 2,2'-oxybis(1-chloropropane), pentachlorophenol, and phenol. The phenol and bis(2-ethylhexyl)phthalate detections may be related to tubing used for sampling, or from laboratory artifacts. Table 9

summarizes the TCL SVOCs detected in the upper aquifer. None of the SVOC detections exceeded the maximum baseline concentrations. All the reported concentrations are estimated, with the exception of bis(2-chloroethyl)ether in ATMW-4D (15 µg/L) and MW09R (15 µg/L). Bis(2-chloroethyl)ether has been detected previously in MW09R at concentrations consistent with the March 2000 results. Bis(2-ethylhexyl)phthalate was found in the laboratory blank for samples from wells MW08, MW09R, MW30, MW33, and MW52.

3.2.2.3 Pesticides and PCBs

Pesticides and PCBs were analyzed from samples collected from eighteen wells in the lower aquifer as part of the March 2000 groundwater monitoring activities. Several pesticides were detected, and all were at relatively low and estimated concentrations. Many of the detections were found in the laboratory blanks, and most had a "P" qualifier, which refers to an analytical inconsistency during pesticide/PCB analysis. None of these compounds exceeded the baseline concentrations.

3.2.2.4 Tentatively Identified Compounds (TICs)

Several VOC and SVOC TICs were detected in the lower aquifer monitoring wells sampled during March 2000. Ether was detected in the following six lower aquifer wells: MW10C (3,600 µg/L), MW24 (18 µg/L), MW51 (8,800 µg/L), MW52 (9,000 µg/L), MW53 (43 µg/L), and ATMW4D (42 µg/L). Other VOC TICs detected during March 2000 include 1,4-dioxane, 1,3-dioxolane, tetrahydrofuran, methane-related compounds, and several unknowns. The most common SVOC TICs detected include benzoic acids, propanoic acids, sulfur, trichloropropene, and several unknowns. The complete listing of TICs is compiled in Appendix D along with the analytical results.

3.2.3 Inorganic Chemical Species

The March 2000 inorganic results are compiled in Appendix A along with the maximum baseline concentrations. Table 10 summarizes the baseline exceedances of the inorganic analyses during the March 2000 sampling event. Three-fourths of the wells, 32 of 41, had at least one inorganic exceedance of a baseline value, and about sixty percent of the inorganic species, 15 of 24, exceeded a baseline value in at least one well. There were no exceedances of aluminum, antimony, beryllium, cadmium, copper, lead, mercury, silver, and vanadium, and these species are not included on Table 10.

A total of 984 inorganic analyses were performed for the March 2000 groundwater sampling event (24 species at 41 wells). Of these, 71 detections (about 7%) exceeded the maximum concentrations recorded during the four quarters of baseline sampling. The first step in the evaluation of inorganic analyses is to identify the occurrences that have potential significance. The second step is to highlight the results that appear to have a correlation to or with groundwater impacts.

3.2.3.1 Significance

For at least three reasons, we can expect numerous, non-significant, baseline exceedances of inorganic species during post-baseline sampling events because: 1) inorganic species are

naturally occurring; 2) experience shows that inorganic concentrations at a given sampling location vary over time; and 3) total metals analyses are conducted on unfiltered water samples, thus particulates introduce random variability, related to the sample turbidity. Simply stated, it is more likely than not that there will be an exceedance of an inorganic species at some time in the future at each monitoring well.

This report evaluates the significance of the current results by the total number of species that exceed the baseline in a given well during a sampling event, the recurrence of an exceedance from one sampling event to the next, and the magnitude of an individual exceedance. Restated:

Recurrence (R): An exceedance is considered potentially significant if it reoccurs consistently over several monitoring events.

Frequency (F): The inorganic results of a given well are considered potentially significant if more than 25 percent of the analyzed compounds in a sample exceed their baseline concentrations.

Magnitude (M): An exceedance is considered potentially significant if the current result is at least twice the concentration of the baseline maximum for the given species at the given well.

During the March 2000 sampling event, 18 wells met the definitions of potential significance. They include upper aquifer wells MW06, MW11, MW13, MW15, MW19, MW39, MW43, MW44, MW46, and MW49, and lower aquifer wells MW08, MW24, MW28, MW30, MW31, MW32, MW54R, and MW55. The following summarizes the occurrences at each of these wells. See Table 10 for additional details.

<u>Upper Aquifer Monitoring Wells:</u>

MW06 R: *Mg* exceeded in June 1998, June 1999, and March 2000.

MW11 R: *As* exceeded in June 1999 and March 2000.

MW13 R: *Ba, Fe, Mg,* and *Mn* exceeded in June 1999 and March 2000.

MW15 R: *K* and *Na* exceeded in June 1999 and March 2000.

MW19 R: *Se* exceeded in June 1999 and March 2000.

MW39 R: *Na* exceeded in June 1999 and March 2000.

MW43 R: *Na* exceeded in June 1999 and March 2000
M: *Co, Ni,* and *Zn* exceedances greater than twice the baseline maximum.

MW44 R: *Na* exceeded in June 1999 and March 2000.
M: *Cr* and *Na* exceedance greater than twice the baseline maximum.

MW46 R: *Ba, Ca, Fe, Mg,* and *Mn* exceeded in June 1999 and March 2000.
M: *Na* exceedance greater than twice the baseline maximum.

MW49 R: *Mg* exceeded in June 1999 and March 2000.

Lower Aquifer Monitoring Wells

MW08 R: *Na* exceeded in June 1999 and March 2000.

MW24 R: *Na* exceeded in June 1999 and March 2000.

MW28 R: *Na* exceeded in June 1999 and March 2000.

MW30 R: *Na* and *Ba* exceeded in June 1999 and March 2000.

MW31 R: *Ba, Mg,* and *Na* exceeded in June 1999 and March 2000.

MW32 R: *Mg* exceeded in June 1999 and March 2000.

MW54R R: *Ba* exceeded in June 1999 and March 2000.

MW55 R: *Mg* exceeded in June 1999 and March 2000.

3.2.1.2 Relevance to Monitoring Objectives

Results from March 2000 sampling event show that 18 wells showed potential significance: MW06, MW08, MW11, MW13, MW15, MW19, MW24, MW28, MW30, MW31, MW32, MW39, MW43, MW44, MW46, MW49, MW54R, and MW55. Results from June 1999 sampling event showed that 15 wells showed potential significance: MW06, MW11, MW13, MW14, MW15, MW29, MW30, MW39, MW42, MW43, MW45, MW46, MW50, and MW54R. Between these events, only ten wells MW06, MW11, MW13, MW15, MW30, MW39, MW43, MW44, MW46, and MW54R were repeated. Between June 1999 and March 2000, only these specific species' exceedances were repeated: MW06 (Mg), MW11 (As), MW13 (Mg), MW30 (Ba), MW39 (Na), and MW46 (Fe, Mg). These exceedances were not present in June 1998, and it is likely that they are most likely random occurrences and are unrelated to the site contamination effects.

4.0 SUMMARY AND CONCLUSIONS

4.1 SUMMARY OF GROUNDWATER FLOW SYSTEMS

Groundwater flow systems for both the upper and lower aquifers were found to be consistent with those in previous monitoring events. There were no significant changes or deviations from the baseline groundwater flow system. Groundwater flow within the upper aquifer is from the east and is diverted by the barrier wall toward the north/northwest and south/southwest around the ACS Site. Consistent with historical data, the groundwater flow within the lower aquifer is northward. Vertical gradients within the upper aquifer in the wetlands are generally upwards. Vertical gradients measured within the lower aquifer were either small or variable, and vertical gradients between the upper and lower aquifers were downward as in the past.

4.2 SUMMARY OF MONITORING WELL SAMPLE DATA

VOCs were detected in several monitoring well samples collected from both the upper and lower aquifers. Benzene concentrations exceeded baseline concentrations at monitoring well MW06, chloroethane concentrations exceeded at M-4S, MW19, and xylenes exceeded at MW06. No other VOCs exceeded baseline concentrations within the upper and lower aquifers.

SVOCs were detected in 21 upper and lower aquifer wells. SVOCs exceeded baseline concentrations in upper aquifer wells MW06, MW19, and MW42. There were no baseline exceedances in the lower aquifer wells.

Pesticides and PCBs were detected in 33 upper and lower aquifer wells. One pesticide, beta-BHC, exceeded the baseline concentration at upper aquifer well MW19. There were no baseline exceedances in the lower aquifer wells.

Inorganic compounds were detected in both the upper and lower aquifer samples. Samples from six monitoring wells showed potentially significant results: MW06 (Mg), MW11 (As), MW13 (Mg), MW30 (Ba), MW39 (Na), and MW46 (Fe, Mg).

In the upper aquifer monitoring wells, several VOC and SVOC TICS were detected in seventeen monitoring well. In the lower aquifer monitoring wells, several TICS were detected in fifteen monitoring wells. Ether is the most often detected TIC in the upper and lower aquifers, and is detected at the highest concentrations in the lower aquifer. Other commonly detected TICs are trichloropropene, tetrahydrofuran, 1,4 dioxane, and 3,3,5-trimethcyclohexanone.

4.3 CONCLUSIONS

The following conclusions can be drawn for each objective of the Groundwater Monitoring Plan.

Objective 1 was to collect water level data to monitor groundwater flow in the upper and lower aquifers and calculate the hydraulic gradients between the aquifers. The data collected indicates that groundwater flow directions and groundwater gradients for the March 2000 sampling event are consistent with past conditions for both the upper and lower aquifers.

Objective 2 was to collect water level data to document the performance of the PGCS and BWES and to evaluate changes in the groundwater flow system resulting from the remedial actions. The data indicate the barrier wall is containing the groundwater enclosed within the wall. In general, groundwater flow from the east is diverted toward the north/northwest and south/southwest. The groundwater diverted north/northwest is either collected in the PGCS extraction trench or continues to the wetlands. Groundwater diverted south/southwest flows along the barrier wall towards the southwest. These observations are consistent with previous observations.

Objective 3 was to collect and analyze groundwater samples from upgradient monitoring wells in the upper and lower aquifers to document background groundwater quality. There were no detections in upgradient wells MW11, MW12, and MW40. Upgradient well MW18 was not sampled. Lower aquifer upgradient well MW50 only had low, estimated detections of acetone and methylene chloride.

Objective 4 was to collect and analyze groundwater samples from downgradient monitoring wells in the upper and lower aquifers to assess the nature of the plume boundary. Sample analytical results indicate one exceedance of bis(2-ethylhexyl)phthalate in the sample from MW42, a downgradient well in the South Area. Response action to this baseline exceedance will be to sample again at the next semi-annual sampling event to assess whether or not the baseline exceedance is a part of a trend. Analytical results for other samples collected from the downgradient wells were either non-detect or below baseline concentrations.

Objective 5 was to collect and analyze groundwater samples from the interior of the areas of contaminated groundwater to document how concentrations change with time and in response to the remedial actions. Analytical results for samples collected from the upper aquifer wells indicate exceedances of baseline concentrations for organic compounds within the interior of the South Area (MW06 and MW19) and in the Landfill Area (M-4S). Response action to the baseline exceedances will be to sample again at the next semi-annual sampling event to assess whether not the baseline exceedances are part of a trend. Concentrations of benzene and chloroethane at North Area interior wells MW48 and MW49, and at South Area interior well MW45 were below the baseline concentrations and have decreased over the past several sampling events. Inorganic baseline exceedances are

not considered significant at this time since no trends have been seen related to site activities.

Objective 6 was to assess progress toward attaining cleanup objectives in the contaminated areas. Concentrations of benzene and chloroethane in MW48 and MW49 have decreased over the past several monitoring events, and may be related to oxygen release compound (ORC©) injection and fluctuation in groundwater flow in that area. Concentrations in MW13, MW45, and MW09R have also decreased.

In summary, the analytical data shows variability. While several sample results exceeded baseline values, others were below baseline values or have shown decreasing concentration trends. Sample results from the North Area show that the BWES, PGCS, and ORC are resulting in reduced concentrations. Also, the groundwater elevation data from the South Area indicates that minor changes have occurred in the flow direction.

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TABLES

Table 1
Groundwater Level Gauging Points - March 2000
American Chemical Service NPL Site
Griffith, Indiana

Upper Aquifer Wells

Well Designation	Reference Points			3/27/00		Notes
	East	North	TOIC	level	Elevation	
MW6	5298	5520	655.28	24.69	630.59	
MW11	6377	7329	640.47	8.72	631.75	
MW12	6019	6352	642.74	10.81	631.93	
MW13	5050	7814	634.08	3.75	630.33	
MW14	4882	6995	638.56	10.40	628.16	
MW15	4721	5003	637.89	7.64	630.25	
MW18	5836	5746	644.89	11.09	633.80	TD=12.25
MW19	5231	4943	635.78	5.43	630.35	
MW37	5395	7976	636.78	5.87	630.91	
MW38	5903	8216	636.51	5.19	631.32	
MW39	6253	7947	637.77	6.24	631.53	
MW40	6349	6831	639.46	7.35	632.11	
MW41	6242	4517	632.74	5.22	627.52	
MW42	6264	3808	632.32	5.67	626.65	
MW43	5880	3719	633.56	6.30	627.26	
MW44	5390	4303	633.04	4.48	628.56	
MW45	5830	4388	635.35	6.52	628.83	
MW46	4526	7424	633.32	2.92	630.40	
MW47	5958	5084	640.54	8.12	632.42	
MW48	5669	7814	636.36	5.53	630.83	
MW49	5551	7650	637.00	6.55	630.45	
M1S	4362	5743	639.09	7.55	631.54	Griffith Landfilll Wells
M4S	4953	6537	633.42	4.03	629.39	Griffith Landfilll Wells

Staff Gauges

Well Designation	Reference Points			3/27/00		Notes
	East	North	TOSG	level	Elevation	
SG2	4423	6864	622.84	NM	NM	No Longer Exists - Covered by landfill
SG7	5403	6889	637.01	1.75	635.26	
SG8R	5409	5252	634.70	NM	NM	Dry
SG1	5023	6196	633.50	NM	NM	Could not find; area was dry
SG3	4180	7123	631.17	1.50	629.67	
SG5	5464	7713	633.36	3.17	630.19	
SG6	4495	8075	632.97	2.48	630.49	
SG11	5859	8245	634.62	NM	NM	Dry
SG12	5596	7867	634.12	NM	NM	Dry

Table 1
Groundwater Level Gauging Points - March 2000
American Chemical Service NPL Site
Griffith, Indiana

Lower Aquifer Wells and Piezometers

Well Designation	Reference Points			3/27/00		Notes
	East	North	TOIC	Level	Elevation	
MW28	5657	5696	648.77	27.03	621.74	
PZ42	5662	5696	648.44	26.70	621.74	
PZ43	5662	5702	648.69	26.98	621.71	
MW50	5269	5383	649.43	27.67	621.76	
PZ44	6170	6766	638.47	17.25	621.22	
MW7	6113	6732	641.46	20.22	621.24	
MW10C	5229	7554	637.45	16.36	621.09	
MW9R	4893	6990	639.05	17.98	621.07	
MW29	4886	7012	638.06	16.81	621.25	
MW34	4880	7002	638.14	16.88	621.26	
MW23	4717	7404	633.31	12.20	621.11	
MW24	4596	8033	635.22	14.52	620.70	
MW52	4996	7814	632.74	11.92	620.82	
MW53	4977	7833	632.87	12.10	620.77	
MW51	5198	7767	634.16	13.42	620.74	
MW30	5194	7774	634.25	13.55	620.70	
MW33	5189	7774	634.13	13.43	620.70	
MW54R	5590	7592	637.51	16.42	621.09	
MW55	5595	7604	636.63	15.82	620.81	
MW8	5934	7506	640.43	19.48	620.95	
MW31	5907	7505	641.64	20.60	621.04	
MW32	5902	7507	641.84	20.81	621.03	
M4D	4949	6538	633.32	12.10	621.22	
ATMW4D	5297	7311	637.99	17.00	620.99	

Table 1
Groundwater Level Gauging Points - March 2000
American Chemical Service NPL Site
Griffith, Indiana

Piezometers

Well Designation	Reference Points East	North	TOC	3/27/00 level	Elevation	Notes
LW1	4807	5070	644.57	14.16	630.41	
LW2	4662	5465	649.70	19.11	630.59	
P3	5453	6470	639.87	4.53	635.34	
P4	5432	6228	639.25	NM	NM	Destroyed
P5	5285	6510	636.70	1.70	635.00	
P6	5150	6551	638.75	NM	NM	Destroyed
P7	5950	6630	643.63	11.62	632.01	
P8	6156	6734	639.27	NM	NM	Dry, TD=8.64
P9	6134	6994	638.88	6.95	631.93	
P10	5413	5852	649.32	14.38	634.94	
P11	5199	5900	649.14	NM	NM	NAPL
P12	5076	5723	650.08	NM	NM	Destroyed
P13	4878	5735	651.20	20.32	630.88	
P15	5003	6187	639.93	8.83	631.10	
P16	4673	5749	648.80	17.80	631.00	
P17	4584	6006	654.64	23.55	631.09	Inside Griffith Landfill
P18	4623	6224	649.84	4.84	645.00	Inside Griffith Landfill / Standing water around well.
P22	4636	6732	634.30	6.34	627.96	
P23	4689	7018	636.18	7.16	629.02	
P24	5002	7178	636.06	7.64	628.42	
P25	5131	7510	635.01	6.06	628.95	
P26	4764	7309	634.23	4.26	629.97	
P27	4904	7020	639.70	11.39	628.31	
P28	5883	7486	644.53	13.33	631.20	
P29	5738	6619	642.37	6.90	635.47	
P30	5626	6793	642.42	NM	NM	Destroyed
P31	5480	7159	641.03	3.92	637.11	
P32	5746	7026	642.32	6.68	635.64	
P35	5515	6572	641.44	NM	NM	Destroyed
P36	5410	6851	645.89	10.30	635.59	
P37	5330	6949	641.37	NM	NM	Destroyed
P38	5149	6992	639.87	NM	NM	Destroyed
P39	5940	6902	642.00	6.40	635.60	
P40	5931	7241	638.77	7.03	631.74	
P41	5663	7377	637.23	5.75	631.48	
P49	5145	6949	638.98	3.52	635.46	
P50	5129	6964	639.59	NM	NM	Destroyed
P51	3876	6859	635.07	NM	NM	Could not access due to stream.
P52	4100	7845	636.66	6.53	630.13	
P53	4597	8015	636.18	5.76	630.42	
P54	4936	8081	638.28	7.55	630.73	
P55	5628	7979	636.08	5.56	630.52	
P56	6405	7665	639.46	7.80	631.66	
P59	6389	6590	639.22	7.03	632.19	
P60	6111	6051	640.23	8.09	632.14	
P61	5533	5284	638.58	8.07	630.51	
P62	5665	4945	637.06	6.91	630.15	
P63	5483	7689	637.70	7.39	630.31	
EW1	5113	6942	639.50	NM	NM	Destroyed
P64	4617	7065	634.87	5.31	629.56	
P65	4615	7063	634.77	5.13	629.64	
P66	4729	7034	636.02	7.10	628.92	
P67	4732	7034	636.06	7.12	628.94	
P68	4743	7752	634.48	3.82	630.66	
P69	4741	7751	634.66	3.98	630.68	
P70	4880	7680	635.38	5.11	630.27	
P71	4876	7682	635.32	4.83	630.49	

Table 1
Groundwater Level Gauging Points - March 2000
American Chemical Service NPL Site
Griffith, Indiana

New Piezometers - Upper Aquifer

Well Designation	Reference Points East	North	TOC	3/27/00 level	Elevation	Notes
PGCS Piezometer Sets						
P81	5577	7581	636.19	6.46	629.73	
P82	5577	7572	635.77	6.25	629.52	
P83	5577	7562	635.95	6.20	629.75	
P84	5322	7603	634.35	4.88	629.47	
P85	5326	7594	634.08	4.66	629.42	
P86	5329	7585	634.41	5.05	629.36	
P87	5121	7466	633.88	5.11	628.77	
P88	5130	7460	633.90	5.21	628.69	
P89	5137	7454	634.02	5.42	628.60	
P90	4881	7152	632.59	4.25	628.34	
P91	4889	7145	632.97	6.60	626.37	Stick-up box damaged.
P92	4896	7138	633.63	5.47	628.16	
BWES Piezometer Pairs						
P93	5136	7067	638.79	8.67	630.12	
P94	5146	7061	638.98	NM	NM	Destroyed
P95	5146	6532	638.58	8.23	630.35	
P96	5156	6537	638.39	3.56	634.83	
P97	5098	6283	638.39	7.41	630.98	
P98	5130	6279	639.35	4.73	634.62	
P99	5020	5945	644.35	12.84	631.51	
P100	5031	5948	643.93	8.85	635.08	
P101	5550	5979	650.08	18.71	631.37	
P102	5517	5996	647.18	11.85	635.33	Damaged
P103	5672	6248	644.97	NM	NM	Dry, TD=13.35
P104	5639	6267	646.68	11.26	635.42	
P105	5885	6678	638.86	6.75	632.11	
P106	5871	6685	638.10	2.85	635.25	
P107	5766	7339	637.42	6.46	630.96	
P108	5757	7324	638.13	2.84	635.29	
ORC Piezometers						
ORC PZ1	5685	7574	638.57	8.34	630.23	
ORC PZ2	5758	7457	643.43	12.34	631.09	
ORC PZ3	5760	7540	640.24	9.34	630.90	
ORC PZ4	5827	7502	643.79	12.58	631.21	
ORC PZ5	5741	7753	636.21	5.26	630.95	
ORC PZ6	5759	7792	636.13	5.13	631.00	
ORC PZ7	5792	7839	635.85	4.81	631.04	
ORC PZ8	5813	7763	638.16	7.10	631.06	

All depth measurements and elevations are in units of feet.

CAS/cas/jdp/jlj

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Table 2
Summary of Field Parameter Results - March 2000
American Chemical Service Superfund Site
Griffith, Indiana

Well ID	Field Parameters					
	pH (std. units)	Conductivity (adjusted to 25° C) (S/m)	Temperature (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)
M1S	6.67	3280	11.1	84	0.86	-90
M4S	6.31	2170	10.1	144	0.80	-59
M4D	7.57	1470	13.7	0	0.89	-141
MW06	6.69	180	14.2	9	2.82	-97
MW07	7.5	740	11.2	61	0.91	-158
MW08	7.69	444	12.0	42	1.05	-154
MW09R	6.75	100	12.2	0	3.25	-107
MW10C	7.09	1700	11.5	202	0.58	-128
MW11	6.32	29	10.1	320	1.96	79
MW12	6.84	41	11.0	240	8.43	-65
MW13	7.08	120	8.6	15	4.70	-96
MW14	6.62	90	10.8	290	2.34	-46
MW15	6.94	450	10.4	27	7.55	-83
MW18	NS	NS	NS	NS	NS	NS
MW19	7.26	500	9.3	6	0.69	-176
MW23	7.09	100	10.5	320	2.92	-99
MW24	7.12	120	11.0	48	1.09	-80
MW28	7.41	74	12.2	73	1.65	-117
MW29	6.99	120	11.7	110	2.39	-136
MW30	7.38	1100	11.5	93	0.97	-146
MW31	7.51	777	11.6	121	0.80	-155
MW32	7.44	867	11.4	52	1.05	-149
MW33	6.75	2800	11.1	45	1.01	-91
MW34	7.24	89	11.6	5	0.96	-158
MW37	6.65	60	8.8	83	3.19	-12
MW38	6.23	452	8.8	26	0.71	0
MW39	6.93	1400	8.5	27	1.14	-71
MW40	7.04	329	8.8	1	3.33	150
MW41	6.81	659	8.6	10	9.71	244
MW42	6.74	990	6.6	472	5.93	181
MW43	6.82	1110	8.8	262	0.79	-54
MW44	7.38	2008	9.0	539	3.39	-48
MW45	7.15	1200	7.8	147	1.21	-117
MW46	6.86	180	7.2	29	8.14	-120
MW47	5.56	15	9.9	56	8.89	218
MW48	6.64	91	9.2	4	2.41	-94
MW49	6.59	628	8.9	37	1.24	-73
MW50	7.36	210	11.7	990	4.68	-143
MW51	6.77	1540	11.0	254	1.71	-95
MW52	7.19	150	10.5	68	2.08	-99
MW53	6.79	380	10.4	91	2.38	-86
MW54R	7.28	988	12.5	102	1.35	-145
MW55	7.12	85	11.4	2	1.04	-110
ATMW4D	7.36	920	14.5	122	3.10	-109

Notes:
NTU = nephelometric turbidity units
NS = Not sampled. MW-18 was not sampled because it was dry.

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Table 3
Upper Aquifer Wells Sampled - March 2000
American Chemical Service Superfund Site
Griffith, Indiana

	Area of Groundwater Contamination	Well Identification	Location with Respect to Area of Groundwater Contamination	Monitoring Parameters March 2000
1	North	MW11	Side Gradient	IND
2		MW12	Side Gradient	IND
3		MW40	Side Gradient	IND
4		MW48	Internal	TCL/TAL
5		MW49	Internal	TCL/TAL
6		MW39	Side Gradient	TCL/TAL
7		MW37	Downgradient	TCL/TAL
8		MW38	Side Gradient	TCL/TAL
9	West	MW14	Internal	TCL/TAL
10		MW13	Internal	TCL/TAL
11		MW46	Side Gradient	TCL/TAL
12		M-1S	Griffith Landfill	IND
13		M-4S	Griffith Landfill	TCL/TAL
14	South	MW18	Upgradient	TCL/TAL*
15		MW6	Internal	TCL/TAL
16		MW19	Internal	TCL/TAL
17		MW45	Internal	TCL/TAL
18		MW41	Side Gradient	TCL/TAL
19		MW44	Side Gradient	TCL/TAL
20		MW47	Side Gradient	TCL/TAL
21		MW15	Side Gradient	TCL/TAL
22		MW42	Downgradient	TCL/TAL
23		MW43	Downgradient	TCL/TAL

Notes:
IND: Arsenic, lead, VC, benzene, chloroethane, TCE, PCE, TCA, DCE, and 1,2-DCA.
TCL/TAL: Full scan Target Compound List and Target Analyte List Parameters
*: Well not sampled because it was dry.

Table 4
Lower Aquifer Wells Sampled - March 2000
American Chemical Service Superfund Site
Griffith, Indiana

	Well Identification	Well Screen Depth in Lower Aquifer	Location with Respect to Area of GW Contamination	Monitoring Parameters March 2000
1	MW28	Upper	Upgradient	TCL/TAL
2	MW50	Upper	Upgradient	TCL/TAL
3	MW7	Upper	Side Gradient	IND
4	MW10C	Upper	Internal	TCL/TAL
5	MW9R	Upper	Internal	TCL/TAL
6	MW29	Middle	Internal	TCL/TAL
7	MW34	Lower	Internal	IND
8	MW23	Upper	Downgradient	TCL/TAL
9	MW24	Upper	Downgradient	TCL/TAL
10	MW52	Upper	Downgradient	TCL/TAL
11	MW53	Lower	Downgradient	TCL/TAL
12	MW51	Upper	Downgradient	TCL/TAL
13	MW30	Middle	Downgradient	TCL/TAL
14	MW33	Lower	Downgradient	TCL/TAL
15	MW54R	Upper	Downgradient	TCL/TAL
16	MW55	Lower	Downgradient	TCL/TAL
17	MW8	Upper	Downgradient	TCL/TAL
18	MW31	Middle	Downgradient	TCL/TAL
19	MW32	Lower	Downgradient	TCL/TAL
20	M-4D	Upper	Griffith Landfill	IND
21	ATMW-4D	Upper	ACS Site	TCL/TAL

Notes:
IND: Arsenic, lead, VC, benzene, chloroethane, TCE, PCE, TCA, DCE, and 1,2-DCA.
TCL/TAL: Full scan Target Compound List and Target Analyte List Parameters

Table 5
Vertical Gradients in Wetlands - March 2000
American Chemical Service Superfund Site
Griffith, Indiana

Piezometer Nest	Screen Interval Top	Screen Interval Bottom	Screen Midpoint	Separation (feet)	Groundwater Elevation Upper	Groundwater Elevation Lower	Groundwater Elevation delta	Hydraulic Gradient
P64	629.05	624.10	626.58	5	629.56			
P65	622.20	620.20	621.20			629.64	0.08	0.016
P66	629.45	625.10	627.28	8	628.92			
P67	620.50	618.50	619.50			628.94	0.02	0.002
P68	628.15	623.80	625.98	6	630.66			
P69	621.10	618.60	619.85			630.68	0.02	0.003
P70	628.55	624.20	626.38	6	630.27			
P71	621.00	619.00	620.00			630.49	0.22	0.037

Notes:
Water levels collected by Montgomery Watson on March 27, 2000.
(-) = Downward Gradient
(+) = Upward Gradient
See *September 1997 Groundwater Sampling Results Report and Groundwater Monitoring* Plan (July 1998), p. 3, for an explanation of calculation method.

Table 6
Vertical Gradients in Lower Aquifer - March 2000
American Chemical Service, Inc. NPL Site
Griffith, Indiana

Well	Screen Interval		Separation	Lowest Measurable Gradient	Groundwater Elevation				Vertical Gradients		
Nest	Top	Bottom	(feet)		Upper	Middle	Lower	delta	Upper/ Middle	Middle/ Lower	Upper/ Lower
MW7	595.9	590.9			621.24						
PZ44	578.4	573.4	13	0.0008		621.22		-0.02	-0.0016	NA	NA
MW8	598.2	593.2			620.95						
MW31	574.6	564.6	19	0.0005		621.04		0.09	WU		
MW32	547.3	537.3	17	0.0006			621.03	-0.01		WU	0.0017
MW9R	605.9	600.9			621.07						
MW29	585.9	575.9	15	0.0007		621.25		0.18	0.0120		
MW34	552.8	542.8	23	0.0004			621.26	0.01		WU	0.0040
MW30	585.0	575.0	13	0.0008	NA	620.70			NA		
MW33	556.0	546.0	19	0.0005			620.70	0.00		WU	NA
MW28	588.7	578.7			621.74						
PZ42	568.5	563.5	10	0.0010		621.74		0	WU		
PZ43	554.5	549.5	9	0.0011			621.71	-0.03		-0.0033	-0.0012
MW52	615.6	605.6			620.82						
MW53	555.7	545.7	50	0.0002		NA	620.77	-0.05	NA	NA	-0.0010
MW54R	608.1	598.1			621.09						
MW55	547.6	537.6	51	0.0002		NA	620.81	-0.28	NA	NA	-0.0055

Notes:
Water levels collected by Montgomery Watson on March 27, 2000.
NA = Not Applicable. Calculating vertical gradient only for upper/lower interval at this location.
WU = Within uncertainty of measurement technique.
(-) = Downward Gradient
(+) = Upward Gradient
See *September 1997 Groundwater Sampling Results Report and Groundwater Monitoring Plan* (July 1998), p. 4, for an explanation of calculation method.

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Table 7
Vertical Gradients Between Upper and Lower Aquifers
March 2000
American Chemical Service Superfund Site
Griffith, Indiana

Well Designation	Screen Interval Top	Screen Interval Bottom	Screen Midpoint	Separation (feet)	Groundwater Elevation Upper	Groundwater Elevation Lower	Groundwater Elevation delta	Hydraulic Gradient
P28	634.30	629.30	631.80	11	631.20			
MW8	598.20	593.20	595.70			620.95	-10	-0.93
P27	631.02	626.02	628.52	23	628.31			
MW9R	605.90	600.90	603.40			621.07	-7	-0.32
P8	635.36	630.36	632.86	18	NA			
MW7	595.90	590.90	593.40			621.24	NA	NA

Notes:
Water levels collected by Montgomery Watson on March 27, 2000.
(-) = Downward Gradient
(+) = Upward Gradient
NA = Not applicable, since P8 was dry.
See *September 1997 Groundwater Sampling Results Report and Groundwater Monitoring Plan* (July 1998), p. 4, for an explanation of calculation method.

Table 8
Summary of Organic Compound Detections in the Upper Aquifer
Validated Results
March 2000
American Chemical Service Superfund Site
Griffith, Indiana

	M-1S		M-4S		MW-06		MW-11		MW-12	
Parameter	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV
VOCs (ug/L)										
Benzene	2 J/J	10	96	190	**2,100** D/	320				
Chloroethane			**1,500** D/	1,300	420 D/J	720				
Acetone			6 J/J	100	14	50				
Bromoform										
Chlorobenzene					5 J/	50				
Ethylbenzene					7 J/	16				
Isopropylbenzene					2 J/	NA				
Methylene chloride			5 J/J	100	2 J/J	17				
Methyl tert-butyl ether			2 J/J	NA						
Toluene					1 J/	50				
trans-1,2-Dichloroethene					1 J/	NA				
Xylenes					**320**	40				
Vinyl Chloride										
1,2 Dibromo-3-chloropropane					2 J/	NA				
1,2-Dichlorobenzene					1 J/	20				
1,4-Dichlorobenzene										
1,1,2,2-Tetrachloroethane										
2-Hexanone										
4-Methyl-2-pentanone					2 J/	50				
SVOCs (ug/L)										
2,2'-oxybis(1-Chloropropane)	NA						NA		NA	
2-Methylnaphthalene	NA						NA		NA	
Bis(2-ethylhexyl)phthalate	NA		1 J/J	10	11 /J	20	NA		NA	
Bis(2-chloroethyl)ether	NA		53.58 D/	71	**69**	56	NA		NA	
Naphthalene	NA						NA		NA	
2,4-Dimethylphenol	NA				**28**	20	NA		NA	
Isophorone	NA				5 J/J	20	NA		NA	
Phenol	NA						NA		NA	
PCBs/Pesticides										
4,4'-DDD	NA		0.036 JP/J	0.1	0.017 JP/J	0.1	NA		NA	
4,4'-DDE	NA				0.0056 JP/J	0.1	NA		NA	
alpha-Chlordane	NA				0.0059 JP/J	0.05	NA		NA	
alpha-BHC	NA				0.0046 JP/J	0.05	NA		NA	
beta-BHC	NA						NA		NA	
delta-BHC	NA						NA		NA	
gamma-BHC	NA		0.015 JB/J	0.05	0.0044 JP/J	0.05	NA		NA	
Aldrin	NA				0.0032 JP/J	0.05	NA		NA	
Dieldrin	NA						NA		NA	
Endrin	NA		0.0019 JP/J	0.1	0.011 JP/J	0.1	NA		NA	
Endrin ketone	NA		0.0065 JB/J	0.1			NA		NA	
Endosulfan II	NA		0.033 JP/J	0.1			NA		NA	
gamma-Chlordane	NA				0.0088 JBP/J	0.05	NA		NA	
Heptachlor	NA				0.014 JBP/J	0.05	NA		NA	
Heptachlor epoxide	NA				0.014 JP/J	0.05	NA		NA	
Methoxychlor	NA		0.0061 JP/J	0.5			NA		NA	

Notes:
BV = Baseline Value
NA = Not analyzed for this parameter
_/_ = No data qualifier required
J/_ = Data qualifier added by laboratory
_/J = Data qualifier added by data validator
Data qualifers are defined in Appendix C.
A blank cell indicates the parameter was not detected.
Bold result indicates an exceedance of BV

Table 8
Summary of Organic Compound Detections in the Upper Aquifer
Validated Results
March 2000
American Chemical Service Superfund Site
Griffith, Indiana

	MW-13		MW-14		MW-15		MW-19	
Parameter	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV
VOCs (ug/L)								
Benzene			2 J/J	41				
Chloroethane			26	1,000			**24**	20
Acetone					2 JB/J	10		
Bromoform								
Chlorobenzene								
Ethylbenzene								
Isopropylbenzene								
Methylene chloride	1 J/J	50	1 J/J	14	2 JB/J	10		
Methyl tert-butyl ether					1 J/	NA		
Toluene								
trans-1,2-Dichloroethene			1 J/J	NA				
Xylenes								
Vinyl Chloride			2 J/J	100				
1,2 Dibromo-3-chloropropane								
1,2-Dichlorobenzene								
1,4-Dichlorobenzene								
1,1,2,2-Tetrachloroethane								
2-Hexanone								
4-Methyl-2-pentanone								
SVOCs (ug/L)								
2,2'-oxybis(1-Chloropropane)							1.61 J/J	10
2-Methylnaphthalene								
Bis(2-ethylhexyl)phthalate			3 J/J	11				
Bis(2-chloroethyl)ether			4 J/J	12			**19.66**	12
Naphthalene								
2,4-Dimethylphenol								
Isophorone								
Phenol								
PCBs/Pesticides								
4,4'-DDD								
4,4'-DDE	0.00094 JBP/J	0.1					0.0038 JBP/J	0.1
alpha-Chlordane			0.0051 JP/J	0.05			0.0048 JP/J	0.05
alpha-BHC			0.0075 JP/J	0.05			0.0035 JBP/J	0.05
beta-BHC			0.014 JBP/J	0.05	0.021 JP/J	0.05	**0.051** DJB/J	0.05
delta-BHC			0.015 JP/J	0.05				
gamma-BHC					0.028 JP/J	0.05		
Aldrin			0.014 JP/J	0.05			0.0035 JP/J	0.05
Dieldrin							0.047 DJ/J	0.1
Endrin	0.00084 JP/J	0.1	0.0045 JP/J	0.1				
Endrin ketone								
Endosulfan II			0.0019 JP/J	0.1			0.0035 JP/J	0.1
gamma-Chlordane			0.0077 JBP/J	0.05				
Heptachlor					0.0052 JP/J	0.05		
Heptachlor epoxide	0.0094 JBP/J	0.05	0.035 JB/J	0.05			0.0098 DJBP/J	0.05
Methoxychlor			0.0077 JP/J	0.5			0.0029 JBP/J	0.5

Notes:
BV = Baseline Value
NA = Not analyzed for this parameter
_/_ = No data qualifier required
J/_ = Data qualifier added by laboratory
_/J = Data qualifier added by data validator
Data qualifers are defined in Appendix C.
A blank cell indicates the parameter was not detected.
Bold result indicates an exceedance of BV

Table 8
Summary of Organic Compound Detections in the Upper Aquifer
Validated Results
March 2000
American Chemical Service Superfund Site
Griffith, Indiana

	MW-37		MW-38		MW-39		MW-40		MW-41	
Parameter	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV
VOCs (ug/L)										
Benzene	1 J/J	10								
Chloroethane										
Acetone			1 JB/J	10	1 JB/J	10			2 JB/J	10
Bromoform										
Chlorobenzene										
Ethylbenzene										
Isopropylbenzene										
Methylene chloride			2 JB/J	10	2 JB/J	10			3 JB/J	10
Methyl tert-butyl ether										
Toluene	1 J/J	10	3 J/J	10						
trans-1,2-Dichloroethene					2 J/	NA				
Xylenes										
Vinyl Chloride										
1,2 Dibromo-3-chloropropane										
1,2-Dichlorobenzene										
1,4-Dichlorobenzene										
1,1,2,2-Tetrachloroethane										
2-Hexanone										
4-Methyl-2-pentanone										
SVOCs (ug/L)										
2,2'-oxybis(1-Chloropropane)							NA			
2-Methylnaphthalene							NA			
Bis(2-ethylhexyl)phthalate							NA			
Bis(2-chloroethyl)ether							NA			
Naphthalene							NA			
2,4-Dimethylphenol							NA			
Isophorone							NA			
Phenol							NA			
PCBs/Pesticides										
4,4'-DDD							NA			
4,4'-DDE							NA			
alpha-Chlordane							NA			
alpha-BHC							NA		0.011 JP/J	0.05
beta-BHC	0.0071 JBP/J	0.05					NA		0.018 JB/J	0.05
delta-BHC							NA		0.047	0.05
gamma-BHC			0.0022 JP/J	0.05	0.015 J/J	0.05	NA		0.023 JP/J	0.05
Aldrin							NA			
Dieldrin							NA			
Endrin							NA			
Endrin ketone							NA		0.0035 JP/J	0.1
Endosulfan II							NA			
gamma-Chlordane							NA			
Heptachlor	0.0044 JB/J	0.05					NA			
Heptachlor epoxide	0.0034 JBP/J	0.05					NA			
Methoxychlor							NA			

Notes:
BV = Baseline Value
NA = Not analyzed for this parameter
_/_ = No data qualifier required
J/_ = Data qualifier added by laboratory
_/J = Data qualifier added by data validator
Data qualifers are defined in Appendix C.
A blank cell indicates the parameter was not detected.
Bold result indicates an exceedance of BV

Table 8
Summary of Organic Compound Detections in the Upper Aquifer
Validated Results
March 2000
American Chemical Service Superfund Site
Griffith, Indiana

	MW-42		MW-43		MW-44		MW-45	
Parameter	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV
VOCs (ug/L)								
Benzene							290 D/	1,045
Chloroethane							38 D/J	215
Acetone			2 JB/J	10	8 J/J	10	3 JB/J	170
Bromoform					1 J/J	10		
Chlorobenzene							25	80
Ethylbenzene								
Isopropylbenzene							16	NA
Methylene chloride			2 JB/J	10			3 JB/J	80
Methyl tert-butyl ether								
Toluene								
trans-1,2-Dichloroethene							2 J/	NA
Xylenes							4 J/J	280
Vinyl Chloride								
1,2 Dibromo-3-chloropropane					6 J/	NA		
1,2-Dichlorobenzene							4 J/J	20
1,4-Dichlorobenzene							2 J/	20
1,1,2,2-Tetrachloroethane					2 J/J	10		
2-Hexanone					4 J/J	10		
4-Methyl-2-pentanone					5 J/J	10		
SVOCs (ug/L)								
2,2'-oxybis(1-Chloropropane)							4 J/J	20
2-Methylnaphthalene							1 J/J	20
Bis(2-ethylhexyl)phthalate	**45**	10			4 J/J	15		
Bis(2-chloroethyl)ether								
Naphthalene							67	140
2,4-Dimethylphenol								
Isophorone								
Phenol								
PCBs/Pesticides								
4,4'-DDD								
4,4'-DDE								
alpha-Chlordane								
alpha-BHC								
beta-BHC								
delta-BHC			0.0054 JP/J	0.05	0.003 JP/J	0.05		
gamma-BHC	0.011 JP/J	0.05					0.0032 JP/J	0.05
Aldrin								
Dieldrin								
Endrin								
Endrin ketone			0.002 JP/J	0.1				
Endosulfan II								
gamma-Chlordane								
Heptachlor								
Heptachlor epoxide								
Methoxychlor								

Notes:
BV = Baseline Value
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J/_ = Data qualifier added by laboratory
_/J = Data qualifier added by data validator
Data qualifers are defined in Appendix C.
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Table 8
Summary of Organic Compound Detections in the Upper Aquifer
Validated Results
March 2000
American Chemical Service Superfund Site
Griffith, Indiana

	MW-46			MW-47			MW-48			MW-49		
Parameter	Mar-00		BV	Mar-00		BV	Mar-00		BV	Mar-00		BV
VOCs (ug/L)												
Benzene							220	D/	9,500	530	D/	6,750
Chloroethane							24		1,000	91		715
Acetone				2	JB/J	10						
Bromoform												
Chlorobenzene												
Ethylbenzene												
Isopropylbenzene												
Methylene chloride				2	JB/J	10	1	J/J	500	1	J/J	450
Methyl tert-butyl ether												
Toluene							2	J/J	500			
trans-1,2-Dichloroethene												
Xylenes												
Vinyl Chloride												
1,2 Dibromo-3-chloropropane												
1,2-Dichlorobenzene												
1,4-Dichlorobenzene												
1,1,2,2-Tetrachloroethane												
2-Hexanone												
4-Methyl-2-pentanone												
SVOCs (ug/L)												
2,2'-oxybis(1-Chloropropane)										2	J/J	28
2-Methylnaphthalene												
Bis(2-ethylhexyl)phthalate												
Bis(2-chloroethyl)ether	3	J/J	10				3	J/J	20	1	J/J	50
Naphthalene												
2,4-Dimethylphenol												
Isophorone										4	J/J	10
Phenol							7	J/J	110	5	J/J	125
PCBs/Pesticides												
4,4'-DDD												
4,4'-DDE	0.00088	JP/J	0.1							0.00094	J/J	0.1
alpha-Chlordane												
alpha-BHC												
beta-BHC										0.01	JBP/J	0.05
delta-BHC										0.0014	JP/J	0.05
gamma-BHC												
Aldrin												
Dieldrin												
Endrin	0.00074	JP/J	0.1									
Endrin ketone												
Endosulfan II												
gamma-Chlordane												
Heptachlor												
Heptachlor epoxide	0.015	JBP/J	0.05									
Methoxychlor	0.0021	JP/J	0.5									

Notes:
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Data qualifers are defined in Appendix C.
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Bold result indicates an exceedance of BV

CAS/cas/rhs/jlj
J:/1252/042/March 2000 GW/ 125204222b18.xls
1252042.221601

Table 9
Summary of Organic Compound Detections in the Lower Aquifer
Validated Results
March 2000
American Chemical Service Superfund Site
Griffith, Indiana

	M-4D		ATMW-4D		MW-07		MW-08		MW-09R		MW-10C		MW-23		MW-24		MW-28	
Parameter	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV
VOCs (ug/L)																		
Benzene			12	NA					120	310	120	150						
Chloroethane			34	NA					460	2,900	180	420						
Acetone																	6 JB/J	10
Methylene Chloride			1 J/J	NA			2 J/J	10			2 J/J	128			1 J/J	10	3 JB/J	10
4-Methyl-2-pentanone																		
SVOCs																		
2,2'-oxybis(1-Chloropropane)	NA		1.25 J/J	NA	NA													
Bis(2-ethylhexyl)phthalate	NA		1.91 J/J	NA	NA		2 JB/J	20	1 JB/J	50			3 J/J	10				
Bis(2-chloroethyl)ether	NA		15.08	NA	NA				15	50								
Pentachlorophenol	NA				NA													
Phenol	NA		2.44 J/J	NA	NA				3 J/J	50								
PCBs/Pesticides																		
4,4'-DDD	NA				NA													
4,4'-DDE	NA				NA													
alpha-Chlordane	NA				NA				0.008 JP/	0.05								
alpha-BHC	NA				NA				0.03 J/	0.05	0.003 JP/J	0.05						
beta-BHC	NA		0.025 JB/J	NA	NA		0.006 JBP/J	0.05			0.013 JB/J	0.05	0.012 JB/J	0.05	0.007 JBP/J	0.05		
delta-BHC	NA				NA				0.034 J/	0.05	0.0094 JP/J	0.05					0.002 JP/J	0.05
gamma-BHC	NA				NA								0.0011 JBP/J	0.05				
Aldrin	NA				NA													
Dieldrin	NA				NA													
Endosulfan sulfate	NA				NA						0.00096 JP/J	0.1						
Endrin	NA				NA				0.01 J/	0.1								
Endrin ketone	NA				NA													
Endosulfan I	NA		0.0025 JBP/J	NA	NA													
gamma-Chlordane	NA				NA				0.0078 JBP/	0.05								
Heptachlor	NA				NA										0.0032 JBP/J	0.05		
Heptachlor epoxide	NA				NA		0.007 JB/J	0.05			0.002 JBP/J	0.05	0.0012 JBP/J	0.05	0.0035 JBP/J	0.05		
Methoxychlor	NA				NA				0.0093 JP/	0.5								

Notes:
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A blank cell indicates parameter not detected.
Bold result indicates an exceedance of BV

Table 9
Summary of Organic Compound Detections in the Lower Aquifer
Validated Results
March 2000
American Chemical Service Superfund Site
Griffith, Indiana

	MW-29		MW-30		MW-31		MW-32		MW-33		MW-34		MW-50		MW-51	
Parameter	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV	Mar-00	BV
VOCs (ug/L)																
Benzene																
Chloroethane																
Acetone							9 J/J	10	6 J/J	10			1 JB/J	10		
Methylene Chloride	2 J/J	10			1 J/J	10	1 J/J	10					2 JB/J	10	4 J/J	10
4-Methyl-2-pentanone																
SVOCs																
2,2'-oxybis(1-Chloropropane)											NA					
Bis(2-ethylhexyl)phthalate	1 J/J	27	2 JB/J	68	0.9 J/J	20			1 JB/J	76	NA					
Bis(2-chloroethyl)ether											NA					
Pentachlorophenol											NA					
Phenol									5 J/J	83	NA					
PCBs/Pesticides																
4,4'-DDD											NA					
4,4'-DDE											NA					
alpha-Chlordane											NA					
alpha-BHC			0.0027 JBP/J	0.05	0.0011 JP/J	0.05			0.0044 JBP/J	0.05	NA				0.0077 JBP/J	0.05
beta-BHC					0.004 JBP/J	0.05	0.0027 JBP/J	0.05	0.021 JBP/J	0.05	NA					
delta-BHC			0.0054 JP/J	0.05			0.00086 JP/J	0.05	0.011 JP/J	0.05	NA				0.014 J/	0.05
gamma-BHC											NA					
Aldrin			0.0061 JP/J	0.05							NA					
Dieldrin			0.0016 J/J	0.1					0.0019 JP/J	0.1	NA				0.0019 J/	0.1
Endosulfan sulfate											NA					
Endrin			0.00095 JP/J	0.1					0.00098 JBP/J	0.1	NA					
Endrin ketone			0.0077 JP/J	0.1							NA					
Endosulfan I			0.0034 JB/J	0.05							NA					
gamma-Chlordane											NA					
Heptachlor											NA					
Heptachlor epoxide	0.0066 JBP/J	0.05	0.0057 JBP/J	0.05	0.0025 JBP/J	0.05	0.0015 JBP/J	0.005	0.0068 JBP/J	0.05	NA				0.0039 JBP/J	0.05
Methoxychlor											NA					

Notes:
BV = Baseline Value
NA = Not analyzed for this parameter
_/_ = No data qualifier required
J/_ = Data qualifier added by laboratory
_/J = Data qualifier added by data validator
Data qualifiers are defined in Appendix C
A blank cell indicates parameter not detected.
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Table 9
Summary of Organic Compound Detections in the Lower Aquifer
Validated Results
March 2000
American Chemical Service Superfund Site
Griffith, Indiana

	MW-52			MW-53			MW-54R			MW-55		
Parameter	Mar-00		BV	Mar-00		BV	Mar-00		BV	Mar-00		BV
VOCs (ug/L)												
Benzene				4	J/J	10						
Chloroethane												
Acetone				4	J/J	10						
Methylene Chloride												
4-Methyl-2-pentanone				1	J/J	10						
SVOCs												
2,2'-oxybis(1-Chloropropane)												
Bis(2-ethylhexyl)phthalate	2	JB/J	39							1.88	J/J	40
Bis(2-chloroethyl)ether												
Pentachlorophenol	3	J/J	25									
Phenol				6.76	J/J	58						
PCBs/Pesticides												
4,4'-DDD				0.0024	JP/J	0.1						
4,4'-DDE	0.0046	JBP/J	0.1				0.00087	JBP/J	0.1			
alpha-Chlordane												
alpha-BHC												
beta-BHC	0.015	JBP/J	0.05	0.012	JBP/J	0.05						
delta-BHC												
gamma-BHC												
Aldrin	0.00086	JP/J	0.05									
Dieldrin							0.0015	J/J	0.1	0.00082	JP/J	0.1
Endosulfan sulfate												
Endrin												
Endrin ketone							0.0098	JP/J	0.1	0.013	JP/J	0.1
Endosulfan I							0.0012	JBP/J	0.05			
gamma-Chlordane												
Heptachlor										0.025	JBP/J	0.05
Heptachlor epoxide	0.0095	JBP/J	0.05				0.0052	JBP/J	0.05	0.013	JBP/J	0.05
Methoxychlor	0.0025	JP/J	0.5	0.01	JBP/J	0.5						

Notes:
BV = Baseline Value
NA = Not analyzed for this parameter
_/_ = No data qualifier required
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_/J = Data qualifier added by data validator
Data qualifiers are defined in Appendix C
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Bold result indicates an exceedance of BV

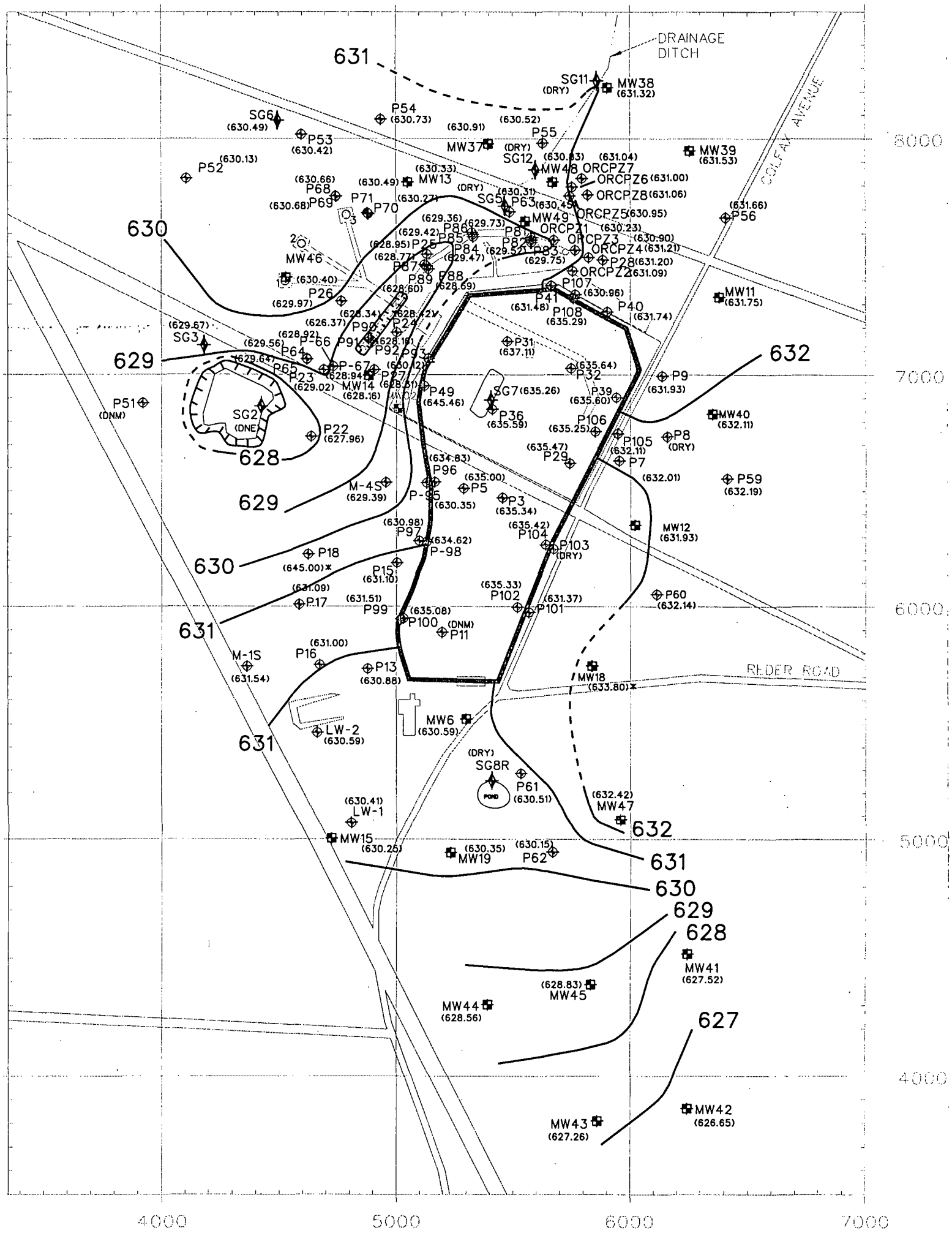
Table 10
Summmary of Inorganic Baseline Exceedances
March 2000
- Groundwater Monitoring -
American Chemical Service Superfund Site
Griffith, Indiana

Well	Potentially Statistically Significant Jun-99	Potentially Statistically Significant Mar-00	Arsenic		Barium		Calcium		Chromium (Total)		Cobalt		Cyanide (Total)		Iron		Magnesium		Manganese		Nickel		Potassium		Selenium		Sodium		Thallium		Zinc		Total Number of EXCEEDANCES
			Mar-00	*Baseline*	Mar-00	*Baseline*	Mar-00	*Baseline*	Mar-00	*Baseline*	Mar-00	*Baseline*	Mar-00	*Baseline*	Mar-00	*Baseline*	Mar-00	*Baseline*	Mar-00	*Baseline*	Mar-00	*Baseline*	Mar-00	*Baseline*	Mar-00	*Baseline*	Mar-00	*Baseline*	Mar-00	*Baseline*	Mar-00	*Baseline*	
UPPER AQUIFER WELLS																																	
M-1S			5.7	*3*																													1
M-3S																																	0
M-4S																																	0
MW-06	R, M	R	99.6	*72*											25,700	*16,500*	44,600	*37,600*			40.2	*39*											4
MW-11	M	R	2.8	*2*																													1
MW-12																																	0
MW-13	R	R			81.1	*69*	182,000	*130,000*							7,380	*6,090*	52,700	*37,000*	827	*674*													5
MW-14	F, M, R																																0
MW-15	R	R																					124,000	*122,000*			560,000	*459,000*					2
MW-18		NS																															0
MW-19		R													6,040	*4,810*									2.3	*2*							2
MW-37															10,800	*9,665*											18,800	*17,500*	3.3	*3*			3
MW-38																	22,200	*22,000*															1
MW-39	R	R																									157,000	*123,000*					1
MW-40																																	0
MW-41					42.4	*31*	82,600	*55,200*									28,700	*18,500*									9,620	*9,620*					4
MW-42	M																51,300	*49,800*									19,300	*18,000*					2
MW-43	M	M, R					141,000	*134,000*			258	*20*									262	*82*					22,800	*13,100*			233	*104*	5
MW-44		M, R			163	*150*	168,000	*94,000*	121	*31*							59,500	*38,450*									129,000	*20,800*					5
MW-45	M, R																										108,000	*101,000*					1
MW-46	R	M, R			149	*132*	128,000	*115,000*							33,100	*21,700*	37,000	*32,400*	1,660	*1,510*							204,000	*74,900*					6
MW-47																											10,200	*6,750*					1
MW-48																	23,000	*20,100*	824	*688*													2
MW-49		R															16,600	*11,800*															1
LOWER AQUIFER WELLS																																	
M-4D																																	0
MW-07																																	0
MW-08		R																									14,400	*13,500*					1
MW-09R																			266	*249*													1
MW-10C																																	0
MW-23							97,900	*86,500*									30,200	*23,800*	383	*377*													3
MW-24		R																									107,000	*95,600*					1
MW-28		R																									20,100	*16,400*					1
MW-29	M				142	*140*																					83,400	*76,100*					2
MW-30	R	R			287	*210*											54,700	*51,000*									64,000	*40,900*					3
MW-31		R			280	*246*											37,100	*35,100*									21,200	*19,800*					3
MW-32		R			263	*258*	80,700	*77,700*									55,000	*48,000*															3
MW-33													14.2	*10*																			1
MW-34																																	0
MW-36																																	0
MW-50	M																																0
MW-51															9,040	*8,660*																	1
MW-52																																	0
MW-53							269,000	*258,000*																									1
MW-54R	R	R			192	*190*																							4.1	*3*			2
MW-55		R															55,000	*48,500*															1
		Number of Exceedances	3		9		8		1		1		1		6		14		5		2		1		1		16		2		1		71

Notes:
1. See Appendix A for complete listing of inorganic analyses results
2. Boxed numbers indicate that the inorganic species in the Marfh 2000 results exceeded the maximum baseline concentraton for that species by a factor of 2x or more.
3. Blank cells indicate that for the March 2000 sampling round, the inorganic species did not exceed the baseline maximum.
4. Monitoring wells M-1S, M-4D, MW-07, MW-11, MW-12, MW-34, and MW-40 were analyzed for indicator parameters, Arsenic and Lead, during March 2000.
5. R = Recurrence: Sample results are potentially statistically significant due to recurrence of exceedance.
6. F = Frequency: Sample results are potentially statistically significant due to the frequency of exceedance (>25% or 7 individual analytes).
7. M = Magnitude: Sample results are potentially statistically significant due to magnitude of exceedance (>2x maxium baseline)
8. Al, Sb, Be, Cd, Cu, Pb, Hg, Ag, and V are not shown in this table because there were no exceedances for these analytes.

NS = Not sampled.

[ ] - Boxed numbers indicate potentially significant results



LEGEND

- UPPER AQUIFER WELL LOCATION AND DESIGNATION
- M-1S LEACHATE WELL LOCATION AND DESIGNATION
- P61 PIEZOMETER LOCATION AND DESIGNATION
- STAFF GAUGE LOCATION AND DESIGNATION
- 3 SURFACE DISCHARGE LOCATION FOR PERIMETER GROUND WATER CONTAINMENT SYSTEM
- ORCPZ1 ORC PIEZOMETER LOCATION AND DESIGNATION
- (632.00) GROUNDWATER ELEVATION
- (632.00) x GROUNDWATER ELEVATION MEASURED BUT NOT USED FOR DETERMINATION OF THE POTENTIOMETRIC SURFACE
- (DNM) DID NOT MEASURE
- (DNE) DOES NOT EXIST
- 630 GROUNDWATER ELEVATION CONTOUR BASED ON GROUNDWATER ELEVATION DATA (DASHED WHERE INFERRED)
- BARRIER WALL
- PERIMETER GROUND WATER CONTAINMENT SYSTEM

NOTES

1. GROUNDWATER ELEVATIONS FOR WATER TABLE CONTOURS WERE MEASURED AT THE SITE ON MARCH 27, 2000.

N

0 500 1000

SCALE IN FEET

SCALE 1"=500'

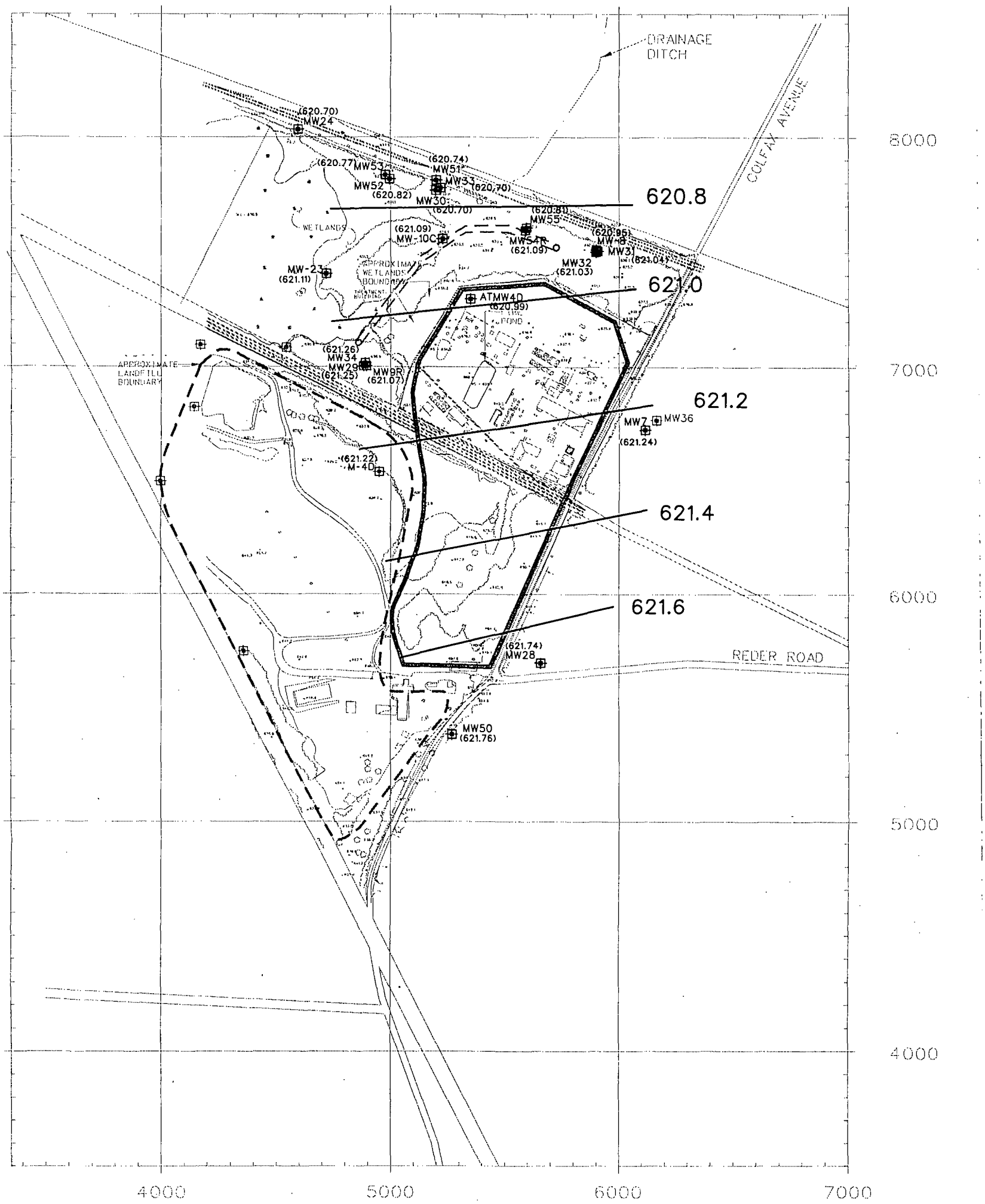
MONTGOMERY WATSON
Chicago, Illinois

AMERICAN CHEMICAL SERVICES, INC.
NPL SITE
GRIFFITH, INDIANA

UPPER AQUIFER WATER TABLE MAP
MARCH 2000

FIGURE 1

JOB No. MW Job No. FILE: J:/1252/042/mwdwgs/March_2000/upper_contour3d.dgn



LEGEND

- BARRIER WALL
- PERIMETER GROUND WATER CONTAINMENT SYSTEM
- GRIFFITH LANDFILL BOUNDARY
- MW53 — LOWER AQUIFER WELL LOCATION AND DESIGNATION
- (621.76) — GROUNDWATER ELEVATION
- 621.6 — GROUNDWATER ELEVATION CONTOUR BASED ON GROUNDWATER ELEVATION DATA

N

0 500 1000
SCALE IN FEET

NOTE GROUNDWATER ELEVATIONS FOR POTENTIOMETRIC SURFACE CONTOURS WERE MEASURE ON MARCH 27, 2000 WELLS SCREENED IN UPPER PART OF LOWER AQUIFER USED TO DEVELOP POTENTIOMETRIC SURFACE

SCALE 1"=500'

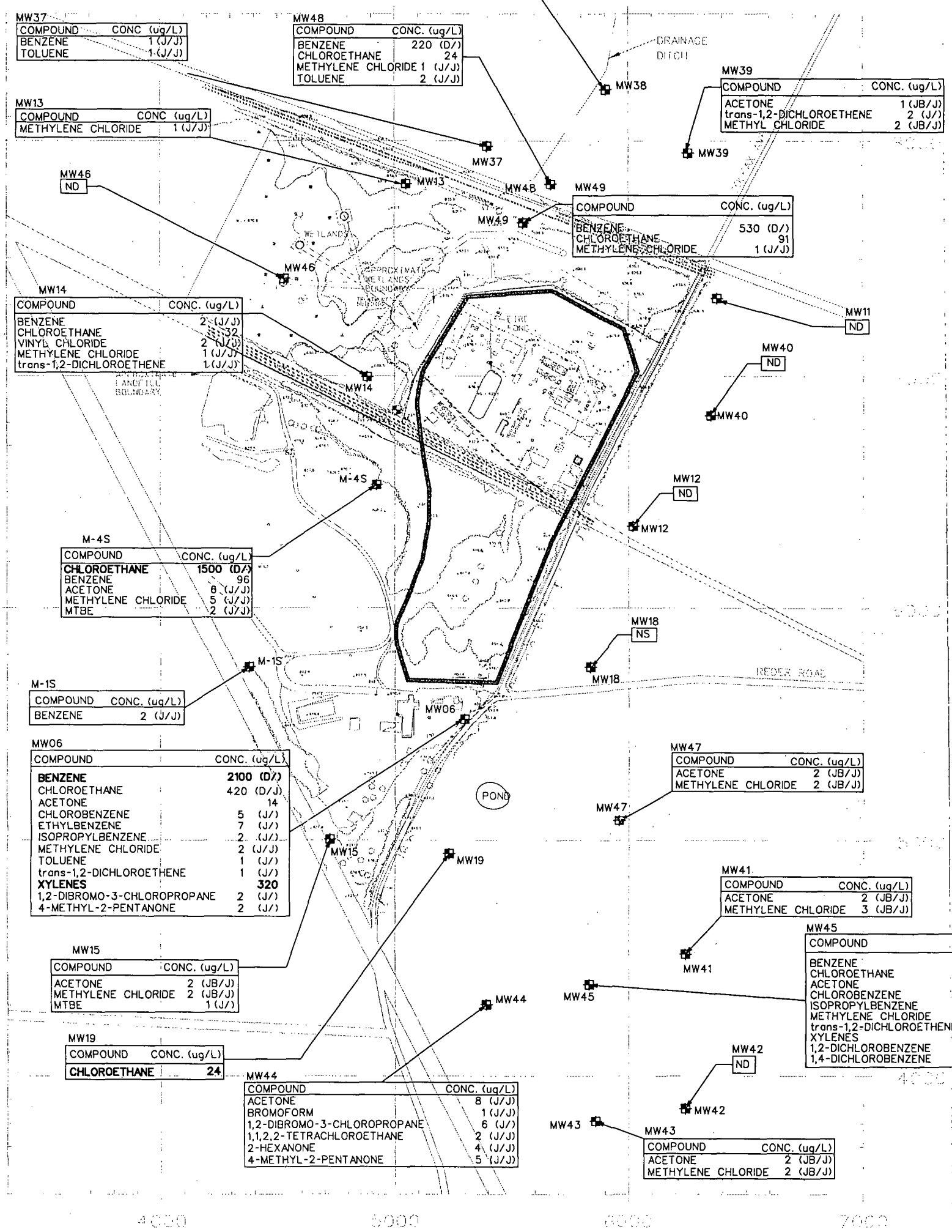
MONTGOMERY WATSON
Chicago, Illinois

AMERICAN CHEMICAL SERVICES, INC.
NPL SITE
GRIFFITH, INDIANA

LOWER AQUIFER POTENTIOMETRIC SURFACE
MARCH 2000

FIGURE 2

JOB No. MW Job No. FILE: J:/1252/042/mwdwgs/March_2000/lower_contour3d.dgn



LEGEND

UPPER AQUIFER WELL LOCATION AND DESIGNATION

BARRIER WALL

PERIMETER GROUND WATER CONTAINMENT SYSTEM

ug/L MICROGRAMS PER LITER

(J) INDICATES AN ESTIMATED VALUE (LAB/VALIDATED)

(D) INDICATES SAMPLE WAS DILUTED (LAB/VALIDATED)

ND NO VOC DETECTED

NS NOT SAMPLED

MTBE METHYL TERT-BUTYL ETHER

NOTE: CONCENTRATIONS IN BOLD EXCEEDED BASELINE LEVELS

N

0 500 1000

SCALE IN FEET

SCALE 1"=500'

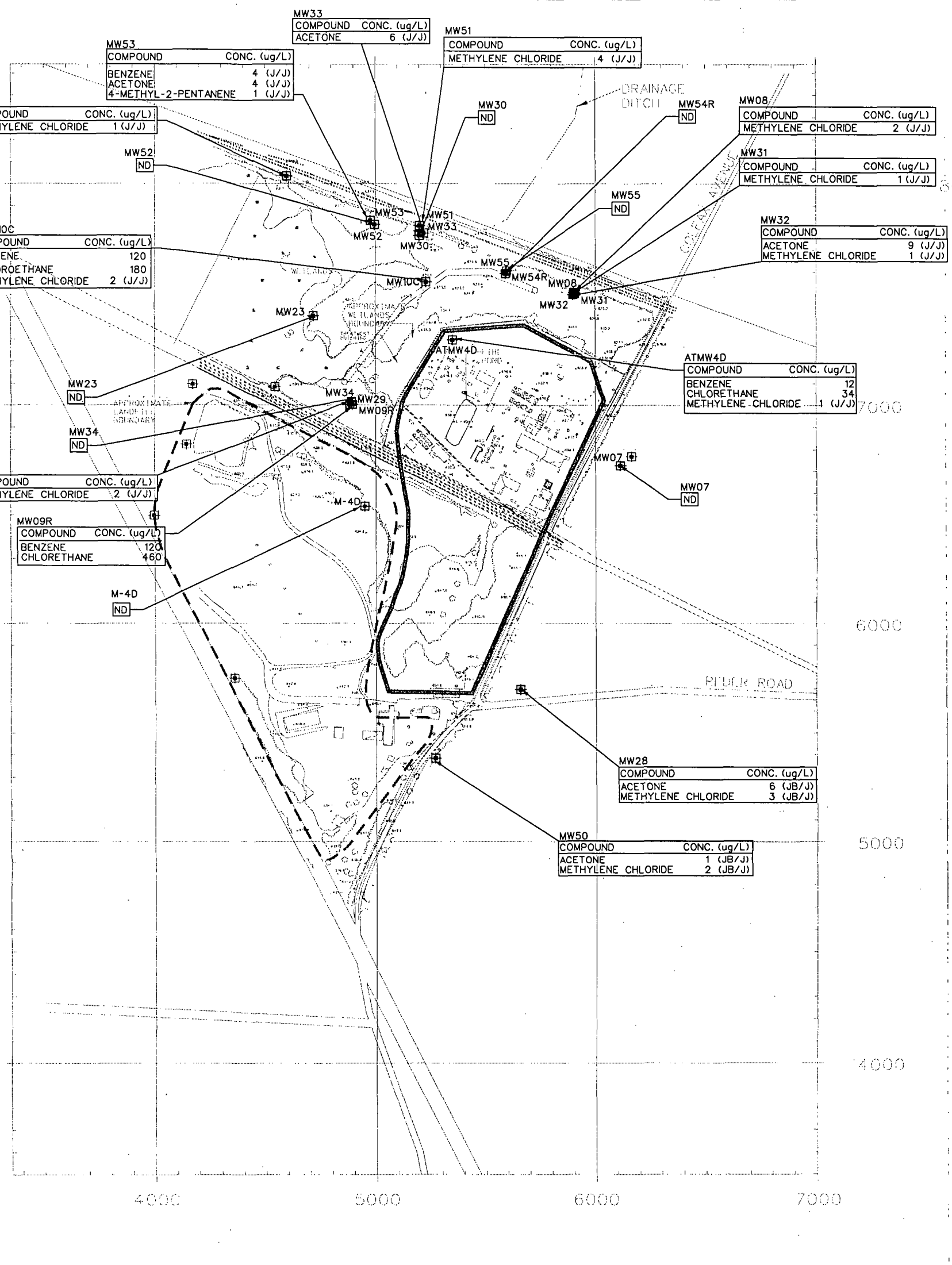
MONTGOMERY WATSON
Chicago, Illinois

AMERICAN CHEMICAL SERVICES, INC.
NPL SITE
GRIFFITH, INDIANA

VOCs DETECTED IN UPPER AQUIFER
MONITORING WELLS-MARCH 2000

FIGURE 3

JOB No. MW Job No. FILE: J:/1252/042/mwdwgs/march_2000/upper_spidy3d.dgn



SCALE 1"=500'

MONTGOMERY WATSON
Chicago, Illinois

AMERICAN CHEMICAL SERVICES, INC.
NPL SITE
GRIFFITH, INDIANA

VOCs DETECTED IN LOWER AQUIFER
MONITORING WELL - MARCH 2000

FIGURE 4

JOB No. MW Job No. FILE: J:/1252/042/mwdwgs/march_2000/lower_spidy3d.dgn

APPENDIX A

COMPARISON OF NOVEMBER 1999 RESULTS TO BASELINE MAXIMUM CONCENTRATIONS

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
ATMW-4D	1,1,1-Trichloroethane	UG/L			U		10
ATMW-4D	1,1,2,2-Tetrachloroethane	UG/L			U		10
ATMW-4D	1,1,2-Trichloroethane	UG/L			U		10
ATMW-4D	1,1-Dichloroethane	UG/L			U		10
ATMW-4D	1,1-Dichloroethene	UG/L			U		10
ATMW-4D	1,2,4-Trichlorobenzene	UG/L			U		10
ATMW-4D	1,2-Dibromo-3-chloropropane	UG/L			U		10
ATMW-4D	1,2-Dibromoethane	UG/L			U		10
ATMW-4D	1,2-Dichlorobenzene	UG/L			U		10
ATMW-4D	1,2-Dichloroethane	UG/L			U		10
ATMW-4D	1,2-Dichloropropane	UG/L			U		10
ATMW-4D	1,3-Dichlorobenzene	UG/L			U		10
ATMW-4D	1,4-Dichlorobenzene	UG/L			U		10
ATMW-4D	2-Butanone	UG/L			U		10
ATMW-4D	2-Hexanone	UG/L			U		10
ATMW-4D	4-Methyl-2-pentanone	UG/L			U		10
ATMW-4D	Acetone	UG/L			U	UJ	10
ATMW-4D	Benzene	UG/L		12			10
ATMW-4D	Bromodichloromethane	UG/L			U		10
ATMW-4D	Bromoform	UG/L			U		10
ATMW-4D	Bromomethane	UG/L			U		10
ATMW-4D	Carbon disulfide	UG/L			U	UJ	10
ATMW-4D	Carbon Tetrachloride	UG/L			U		10
ATMW-4D	Chlorobenzene	UG/L			U		10
ATMW-4D	Chloroethane	UG/L		34			10
ATMW-4D	Chloroform	UG/L			U		10
ATMW-4D	Chloromethane	UG/L			U		10
ATMW-4D	cis-1,2-Dichloroethene	UG/L			U		10
ATMW-4D	cis-1,3-Dichloropropene	UG/L			U		10
ATMW-4D	Dibromochloromethane	UG/L			U		10
ATMW-4D	Dichlorodifluoromethane	UG/L			U		10
ATMW-4D	Ethyl Benzene	UG/L			U		10
ATMW-4D	Isopropylbenzene	UG/L			U		10
ATMW-4D	Methyl tert-butyl ether	UG/L			U		10
ATMW-4D	Methylene chloride	UG/L		1	J	J	10
ATMW-4D	Styrene	UG/L			U		10
ATMW-4D	Tetrachloroethene	UG/L			U		10
ATMW-4D	Toluene	UG/L			U		10
ATMW-4D	trans-1,2-Dichloroethene	UG/L			U		10
ATMW-4D	trans-1,3-Dichloropropene	UG/L			U		10
ATMW-4D	Trichloroethene	UG/L			U		10
ATMW-4D	Trichlorofluoromethane	UG/L			U		10
ATMW-4D	Vinyl chloride	UG/L			U		10
ATMW-4D	Xylenes (total)	UG/L			U		10
M-1S	1,1,1-Trichloroethane	UG/L	10		U		10
M-1S	1,1,2-Trichloroethane	UG/L	10		U		10

BOLD = Exceedance
NA = Not Applicable

CAS/cas/DMD/CAS
J:\1252\042\Databases\1998\ACS GW.mdb[rptNewResultsVOC]
1252042.221601

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
M-1S	1,1-Dichloroethene	UG/L	10		U		10
M-1S	Benzene	UG/L	10	2	J	J	10
M-1S	Chloroethane	UG/L	10		U		10
M-1S	cis-1,2-Dichloroethene	UG/L			U		10
M-1S	Tetrachloroethene	UG/L	10		U		10
M-1S	trans-1,2-Dichloroethene	UG/L			U		10
M-1S	Trichloroethene	UG/L	10		U		10
M-1S	Vinyl chloride	UG/L	10		U	UJ	10
M-4D	1,1,1-Trichloroethane	UG/L	10		U		10
M-4D	1,1,2-Trichloroethane	UG/L	10		U		10
M-4D	1,1-Dichloroethene	UG/L	10		U		10
M-4D	Benzene	UG/L	10		U		10
M-4D	Chloroethane	UG/L	10		U	UJ	10
M-4D	cis-1,2-Dichloroethene	UG/L			U		10
M-4D	Tetrachloroethene	UG/L	10		U		10
M-4D	trans-1,2-Dichloroethene	UG/L			U		10
M-4D	Trichloroethene	UG/L	10		U		10
M-4D	Vinyl chloride	UG/L	10		U		10
M-4S	1,1,1-Trichloroethane	UG/L	100		U		10
M-4S	1,1,2,2-Tetrachloroethane	UG/L	100		U		10
M-4S	1,1,2-Trichloroethane	UG/L	100		U		10
M-4S	1,1-Dichloroethane	UG/L	100		U		10
M-4S	1,1-Dichloroethene	UG/L	100		U		10
M-4S	1,2,4-Trichlorobenzene	UG/L	10		U		10
M-4S	1,2-Dibromo-3-chloropropane	UG/L			U		10
M-4S	1,2-Dibromoethane	UG/L			U		10
M-4S	1,2-Dichlorobenzene	UG/L	10		U		10
M-4S	1,2-Dichloroethane	UG/L	100		U		10
M-4S	1,2-Dichloropropane	UG/L	100		U		10
M-4S	1,3-Dichlorobenzene	UG/L	10		U		10
M-4S	1,4-Dichlorobenzene	UG/L	10		U		10
M-4S	2-Butanone	UG/L	100		U		10
M-4S	2-Hexanone	UG/L	100		U		10
M-4S	4-Methyl-2-pentanone	UG/L	100		U		10
M-4S	Acetone	UG/L	100	6	J	J	10
M-4S	Benzene	UG/L	190	96			10
M-4S	Bromodichloromethane	UG/L	100		U		10
M-4S	Bromoform	UG/L	100		U		10
M-4S	Bromomethane	UG/L	100		U		10
M-4S	Carbon disulfide	UG/L	100		U		10
M-4S	Carbon Tetrachloride	UG/L	100		U		10
M-4S	Chlorobenzene	UG/L	100		U		10
M-4S	Chloroethane	UG/L	1,300	**1,500**	D		200
M-4S	Chloroform	UG/L	100		U		10
M-4S	Chloromethane	UG/L	100		U	UJ	10
M-4S	cis-1,2-Dichloroethene	UG/L			U		10

BOLD = Exceedance
NA = Not Applicable

CAS/cas/DMD/CAS
J:\1252\042\Databases\1998\ACS GW.mdb[rptNewResultsVOC]
1252042.221601

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
M-4S	cis-1,3-Dichloropropene	UG/L	100		U		10
M-4S	Dibromochloromethane	UG/L	100		U		10
M-4S	Dichlorodifluoromethane	UG/L			U	UJ	10
M-4S	Ethyl Benzene	UG/L	100		U		10
M-4S	Isopropylbenzene	UG/L			U		10
M-4S	Methyl tert-butyl ether	UG/L		2	J	J	10
M-4S	Methylene chloride	UG/L	100	5	J	J	10
M-4S	Styrene	UG/L	100		U		10
M-4S	Tetrachloroethene	UG/L	100		U		10
M-4S	Toluene	UG/L	100		U		10
M-4S	trans-1,2-Dichloroethene	UG/L			U		10
M-4S	trans-1,3-Dichloropropene	UG/L	100		U		10
M-4S	Trichloroethene	UG/L	100		U		10
M-4S	Trichlorofluoromethane	UG/L			U		10
M-4S	Vinyl chloride	UG/L	100		U	UJ	10
M-4S	Xylenes (total)	UG/L	100		U		10
MW-06	1,1,1-Trichloroethane	UG/L	50		U		10
MW-06	1,1,2,2-Tetrachloroethane	UG/L	50		U		10
MW-06	1,1,2-Trichloroethane	UG/L	50		U		10
MW-06	1,1-Dichloroethane	UG/L	21		U		10
MW-06	1,1-Dichloroethene	UG/L	50		U		10
MW-06	1,2,4-Trichlorobenzene	UG/L	20		U		10
MW-06	1,2-Dibromo-3-chloropropane	UG/L		2	J		10
MW-06	1,2-Dibromoethane	UG/L			U		10
MW-06	1,2-Dichlorobenzene	UG/L	20	1	J		10
MW-06	1,2-Dichloroethane	UG/L	50		U		10
MW-06	1,2-Dichloropropane	UG/L	50		U		10
MW-06	1,3-Dichlorobenzene	UG/L	20		U		10
MW-06	1,4-Dichlorobenzene	UG/L	20		U		10
MW-06	2-Butanone	UG/L	50		U		10
MW-06	2-Hexanone	UG/L	50		U		10
MW-06	4-Methyl-2-pentanone	UG/L	50	2	J		10
MW-06	Acetone	UG/L	50	14			10
MW-06	Benzene	UG/L	320	**2100**	D		170
MW-06	Bromodichloromethane	UG/L	50		U		10
MW-06	Bromoform	UG/L	50		U		10
MW-06	Bromomethane	UG/L	50		U	UJ	10
MW-06	Carbon disulfide	UG/L	50		U		10
MW-06	Carbon Tetrachloride	UG/L	50		U		10
MW-06	Chlorobenzene	UG/L	50	5	J		10
MW-06	Chloroethane	UG/L	720	420	D	J	170
MW-06	Chloroform	UG/L	50		U		10
MW-06	Chloromethane	UG/L	50		U		10
MW-06	cis-1,2-Dichloroethene	UG/L			U		10
MW-06	cis-1,3-Dichloropropene	UG/L	50		U		10
MW-06	Dibromochloromethane	UG/L	50		U		10

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CAS/cas/DMD/CAS
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1252042.221601

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-06	Dichlorodifluoromethane	UG/L			U		10
MW-06	Ethyl Benzene	UG/L	16	7	J		10
MW-06	Isopropylbenzene	UG/L		2	J		10
MW-06	Methyl tert-butyl ether	UG/L			U		10
MW-06	Methylene chloride	UG/L	17	2	J	J	10
MW-06	Styrene	UG/L	50		U		10
MW-06	Tetrachloroethene	UG/L	50		U		10
MW-06	Toluene	UG/L	50	1	J		10
MW-06	trans-1,2-Dichloroethene	UG/L		1	J		10
MW-06	trans-1,3-Dichloropropene	UG/L	50		U		10
MW-06	Trichloroethene	UG/L	50		U		10
MW-06	Trichlorofluoromethane	UG/L			U		10
MW-06	Vinyl chloride	UG/L	50		U		10
MW-06	Xylenes (total)	UG/L	40	**320**			10
MW-07	1,1,1-Trichloroethane	UG/L	10		U		10
MW-07	1,1,2-Trichloroethane	UG/L	10		U		10
MW-07	1,1-Dichloroethene	UG/L	10		U		10
MW-07	Benzene	UG/L	10		U		10
MW-07	Chloroethane	UG/L	10		U	UJ	10
MW-07	cis-1,2-Dichloroethene	UG/L			U		10
MW-07	Tetrachloroethene	UG/L	10		U		10
MW-07	trans-1,2-Dichloroethene	UG/L			U		10
MW-07	Trichloroethene	UG/L	10		U		10
MW-07	Vinyl chloride	UG/L	10		U		10
MW-08	1,1,1-Trichloroethane	UG/L	10		U		10
MW-08	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-08	1,1,2-Trichloroethane	UG/L	10		U		10
MW-08	1,1-Dichloroethane	UG/L	10		U		10
MW-08	1,1-Dichloroethene	UG/L	10		U		10
MW-08	1,2,4-Trichlorobenzene	UG/L	20		U		10
MW-08	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-08	1,2-Dibromoethane	UG/L			U		10
MW-08	1,2-Dichlorobenzene	UG/L	20		U		10
MW-08	1,2-Dichloroethane	UG/L	10		U		10
MW-08	1,2-Dichloropropane	UG/L	10		U		10
MW-08	1,3-Dichlorobenzene	UG/L	20		U		10
MW-08	1,4-Dichlorobenzene	UG/L	20		U		10
MW-08	2-Butanone	UG/L	10		U	UJ	10
MW-08	2-Hexanone	UG/L	10		U		10
MW-08	4-Methyl-2-pentanone	UG/L	10		U		10
MW-08	Acetone	UG/L	10		U	UJ	10
MW-08	Benzene	UG/L	10		U		10
MW-08	Bromodichloromethane	UG/L	10		U	UJ	10
MW-08	Bromoform	UG/L	10		U		10
MW-08	Bromomethane	UG/L	10		U		10
MW-08	Carbon disulfide	UG/L	10		U		10

BOLD = Exceedance
NA = Not Applicable

CAS/cas/DMD/CAS
J:\1252\042\Databases\1998\ACS GW.mdb[rptNewResultsVOC]
1252042.221601

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-08	Carbon Tetrachloride	UG/L	10		U		10
MW-08	Chlorobenzene	UG/L	10		U		10
MW-08	Chloroethane	UG/L	10		U		10
MW-08	Chloroform	UG/L	10		U		10
MW-08	Chloromethane	UG/L	10		U	UJ	10
MW-08	cis-1,2-Dichloroethene	UG/L			U		10
MW-08	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-08	Dibromochloromethane	UG/L	10		U		10
MW-08	Dichlorodifluoromethane	UG/L			U		10
MW-08	Ethyl Benzene	UG/L	10		U		10
MW-08	Isopropylbenzene	UG/L			U		10
MW-08	Methyl tert-butyl ether	UG/L			U		10
MW-08	Methylene chloride	UG/L	10	2	J	J	10
MW-08	Styrene	UG/L	10		U		10
MW-08	Tetrachloroethene	UG/L	10		U		10
MW-08	Toluene	UG/L	10		U		10
MW-08	trans-1,2-Dichloroethene	UG/L			U		10
MW-08	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-08	Trichloroethene	UG/L	10		U		10
MW-08	Trichlorofluoromethane	UG/L			U		10
MW-08	Vinyl chloride	UG/L	10		U	UJ	10
MW-08	Xylenes (total)	UG/L	10		U		10
MW-09R	1,1,1-Trichloroethane	UG/L	200		U		50
MW-09R	1,1,2,2-Tetrachloroethane	UG/L	200		U		50
MW-09R	1,1,2-Trichloroethane	UG/L	200		U		50
MW-09R	1,1-Dichloroethane	UG/L	200		U		50
MW-09R	1,1-Dichloroethene	UG/L	200		U		50
MW-09R	1,2,4-Trichlorobenzene	UG/L	50		U		50
MW-09R	1,2-Dibromo-3-chloropropane	UG/L			U		50
MW-09R	1,2-Dibromoethane	UG/L			U		50
MW-09R	1,2-Dichlorobenzene	UG/L	50		U		50
MW-09R	1,2-Dichloroethane	UG/L	200		U		50
MW-09R	1,2-Dichloropropane	UG/L	200		U		50
MW-09R	1,3-Dichlorobenzene	UG/L	50		U		50
MW-09R	1,4-Dichlorobenzene	UG/L	50		U		50
MW-09R	2-Butanone	UG/L	200		U		50
MW-09R	2-Hexanone	UG/L	200		U		50
MW-09R	4-Methyl-2-pentanone	UG/L	200		U		50
MW-09R	Acetone	UG/L	200		U	UJ	50
MW-09R	Benzene	UG/L	310	120			50
MW-09R	Bromodichloromethane	UG/L	200		U		50
MW-09R	Bromoform	UG/L	200		U		50
MW-09R	Bromomethane	UG/L	200		U		50
MW-09R	Carbon disulfide	UG/L	200		U		50
MW-09R	Carbon Tetrachloride	UG/L	200		U		50
MW-09R	Chlorobenzene	UG/L	200		U		50

BOLD = Exceedance
NA = Not Applicable

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-09R	Chloroethane	UG/L	2,900	460		J	50
MW-09R	Chloroform	UG/L	200		U		50
MW-09R	Chloromethane	UG/L	200		U		50
MW-09R	cis-1,2-Dichloroethene	UG/L			U		50
MW-09R	cis-1,3-Dichloropropene	UG/L	200		U		50
MW-09R	Dibromochloromethane	UG/L	200		U		50
MW-09R	Dichlorodifluoromethane	UG/L			U	UJ	50
MW-09R	Ethyl Benzene	UG/L	200		U		50
MW-09R	Isopropylbenzene	UG/L			U		50
MW-09R	Methyl tert-butyl ether	UG/L			U		50
MW-09R	Methylene chloride	UG/L	200		U		50
MW-09R	Styrene	UG/L	200		U		50
MW-09R	Tetrachloroethene	UG/L	200		U		50
MW-09R	Toluene	UG/L	200		U		50
MW-09R	trans-1,2-Dichloroethene	UG/L			U		50
MW-09R	trans-1,3-Dichloropropene	UG/L	200		U		50
MW-09R	Trichloroethene	UG/L	200		U		50
MW-09R	Trichlorofluoromethane	UG/L			U		50
MW-09R	Vinyl chloride	UG/L	200		U		50
MW-09R	Xylenes (total)	UG/L	200		U		50
MW-10C	1,1,1-Trichloroethane	UG/L	150		U		10
MW-10C	1,1,2,2-Tetrachloroethane	UG/L	150		U		10
MW-10C	1,1,2-Trichloroethane	UG/L	150		U		10
MW-10C	1,1-Dichloroethane	UG/L	150		U		10
MW-10C	1,1-Dichloroethene	UG/L	150		U		10
MW-10C	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-10C	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-10C	1,2-Dibromoethane	UG/L			U		10
MW-10C	1,2-Dichlorobenzene	UG/L	10		U		10
MW-10C	1,2-Dichloroethane	UG/L	150		U		10
MW-10C	1,2-Dichloropropane	UG/L	150		U		10
MW-10C	1,3-Dichlorobenzene	UG/L	10		U		10
MW-10C	1,4-Dichlorobenzene	UG/L	10		U		10
MW-10C	2-Butanone	UG/L	150		U	UJ	10
MW-10C	2-Hexanone	UG/L	150		U		10
MW-10C	4-Methyl-2-pentanone	UG/L	150		U		10
MW-10C	Acetone	UG/L	150		U	UJ	10
MW-10C	Benzene	UG/L	150	120			10
MW-10C	Bromodichloromethane	UG/L	150		U		10
MW-10C	Bromoform	UG/L	150		U		10
MW-10C	Bromomethane	UG/L	150		U		10
MW-10C	Carbon disulfide	UG/L	150		U		10
MW-10C	Carbon Tetrachloride	UG/L	150		U		10
MW-10C	Chlorobenzene	UG/L	150		U		10
MW-10C	Chloroethane	UG/L	420	180			10
MW-10C	Chloroform	UG/L	150		U		10

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CAS/cas/DMD/CAS
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1252042.221601

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-10C	Chloromethane	UG/L	150		U	UJ	10
MW-10C	cis-1,2-Dichloroethene	UG/L			U		10
MW-10C	cis-1,3-Dichloropropene	UG/L	150		U		10
MW-10C	Dibromochloromethane	UG/L	150		U		10
MW-10C	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-10C	Ethyl Benzene	UG/L	150		U		10
MW-10C	Isopropylbenzene	UG/L			U		10
MW-10C	Methyl tert-butyl ether	UG/L			U		10
MW-10C	Methylene chloride	UG/L	128	2	J	J	10
MW-10C	Styrene	UG/L	150		U		10
MW-10C	Tetrachloroethene	UG/L	150		U		10
MW-10C	Toluene	UG/L	150		U		10
MW-10C	trans-1,2-Dichloroethene	UG/L			U		10
MW-10C	trans-1,3-Dichloropropene	UG/L	150		U		10
MW-10C	Trichloroethene	UG/L	150		U		10
MW-10C	Trichlorofluoromethane	UG/L			U		10
MW-10C	Vinyl chloride	UG/L	129		U	UJ	10
MW-10C	Xylenes (total)	UG/L	150		U		10
MW-11	1,1,1-Trichloroethane	UG/L	10		U		10
MW-11	1,1,2-Trichloroethane	UG/L	10		U		10
MW-11	1,1-Dichloroethene	UG/L	10		U		10
MW-11	Benzene	UG/L	10		U		10
MW-11	Chloroethane	UG/L	10		U		10
MW-11	cis-1,2-Dichloroethene	UG/L			U		10
MW-11	Tetrachloroethene	UG/L	10		U		10
MW-11	trans-1,2-Dichloroethene	UG/L			U		10
MW-11	Trichloroethene	UG/L	10		U		10
MW-11	Vinyl chloride	UG/L	10		U		10
MW-12	1,1,1-Trichloroethane	UG/L	10		U		10
MW-12	1,1,2-Trichloroethane	UG/L	10		U		10
MW-12	1,1-Dichloroethene	UG/L	10		U		10
MW-12	Benzene	UG/L	10		U		10
MW-12	Chloroethane	UG/L	10		U		10
MW-12	cis-1,2-Dichloroethene	UG/L			U		10
MW-12	Tetrachloroethene	UG/L	10		U		10
MW-12	trans-1,2-Dichloroethene	UG/L			U		10
MW-12	Trichloroethene	UG/L	10		U		10
MW-12	Vinyl chloride	UG/L	10		U		10
MW-13	1,1,1-Trichloroethane	UG/L	50		U		10
MW-13	1,1,2,2-Tetrachloroethane	UG/L	50		U		10
MW-13	1,1,2-Trichloroethane	UG/L	50		U		10
MW-13	1,1-Dichloroethane	UG/L	50		U		10
MW-13	1,1-Dichloroethene	UG/L	50		U		10
MW-13	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-13	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-13	1,2-Dibromoethane	UG/L			U		10

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Comparison of Results to Baseline Highest Detections
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American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-13	1,2-Dichlorobenzene	UG/L	10		U		10
MW-13	1,2-Dichloroethane	UG/L	50		U		10
MW-13	1,2-Dichloropropane	UG/L	50		U		10
MW-13	1,3-Dichlorobenzene	UG/L	10		U		10
MW-13	1,4-Dichlorobenzene	UG/L	10		U		10
MW-13	2-Butanone	UG/L	50		U		10
MW-13	2-Hexanone	UG/L	50		U		10
MW-13	4-Methyl-2-pentanone	UG/L	50		U		10
MW-13	Acetone	UG/L	50		U	UJ	10
MW-13	Benzene	UG/L	610		U		10
MW-13	Bromodichloromethane	UG/L	50		U		10
MW-13	Bromoform	UG/L	50		U		10
MW-13	Bromomethane	UG/L	50		U		10
MW-13	Carbon disulfide	UG/L	50		U		10
MW-13	Carbon Tetrachloride	UG/L	50		U		10
MW-13	Chlorobenzene	UG/L	50		U		10
MW-13	Chloroethane	UG/L	570		U		10
MW-13	Chloroform	UG/L	50		U		10
MW-13	Chloromethane	UG/L	50		U	UJ	10
MW-13	cis-1,2-Dichloroethene	UG/L			U		10
MW-13	cis-1,3-Dichloropropene	UG/L	50		U		10
MW-13	Dibromochloromethane	UG/L	50		U		10
MW-13	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-13.	Ethyl Benzene	UG/L	50		U		10
MW-13	Isopropylbenzene	UG/L			U		10
MW-13	Methyl tert-butyl ether	UG/L			U		10
MW-13	Methylene chloride	UG/L	50	1	J	J	10
MW-13	Styrene	UG/L	50		U		10
MW-13	Tetrachloroethene	UG/L	50		U		10
MW-13	Toluene	UG/L	50		U		10
MW-13	trans-1,2-Dichloroethene	UG/L			U		10
MW-13	trans-1,3-Dichloropropene	UG/L	50		U		10
MW-13	Trichloroethene	UG/L	50		U		10
MW-13	Trichlorofluoromethane	UG/L			U		10
MW-13	Vinyl chloride	UG/L	50		U	UJ	10
MW-13	Xylenes (total)	UG/L	50		U		10
MW-14	1,1,1-Trichloroethane	UG/L	100		U		10
MW-14	1,1,2,2-Tetrachloroethane	UG/L	100		U		10
MW-14	1,1,2-Trichloroethane	UG/L	100		U		10
MW-14	1,1-Dichloroethane	UG/L	100		U		10
MW-14	1,1-Dichloroethene	UG/L	100		U		10
MW-14	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-14	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-14	1,2-Dibromoethane	UG/L			U		10
MW-14	1,2-Dichlorobenzene	UG/L	10		U		10
MW-14	1,2-Dichloroethane	UG/L	100		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
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Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-14	1,2-Dichloropropane	UG/L	100		U		10
MW-14	1,3-Dichlorobenzene	UG/L	10		U		10
MW-14	1,4-Dichlorobenzene	UG/L	10		U		10
MW-14	2-Butanone	UG/L	100		U	UJ	10
MW-14	2-Hexanone	UG/L	100		U		10
MW-14	4-Methyl-2-pentanone	UG/L	100		U		10
MW-14	Acetone	UG/L	100		U	UJ	10
MW-14	Benzene	UG/L	41	2	J	J	10
MW-14	Bromodichloromethane	UG/L	100		U		10
MW-14	Bromoform	UG/L	100		U		10
MW-14	Bromomethane	UG/L	100		U		10
MW-14	Carbon disulfide	UG/L	100		U		10
MW-14	Carbon Tetrachloride	UG/L	100		U		10
MW-14	Chlorobenzene	UG/L	100		U		10
MW-14	Chloroethane	UG/L	1,000	26			10
MW-14	Chloroform	UG/L	100		U		10
MW-14	Chloromethane	UG/L	100		U	UJ	10
MW-14	cis-1,2-Dichloroethene	UG/L			U		10
MW-14	cis-1,3-Dichloropropene	UG/L	100		U		10
MW-14	Dibromochloromethane	UG/L	100		U		10
MW-14	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-14	Ethyl Benzene	UG/L	100		U		10
MW-14	Isopropylbenzene	UG/L			U		10
MW-14	Methyl tert-butyl ether	UG/L			U		10
MW-14	Methylene chloride	UG/L	14	1	J	J	10
MW-14	Styrene	UG/L	100		U		10
MW-14	Tetrachloroethene	UG/L	100		U		10
MW-14	Toluene	UG/L	100		U		10
MW-14	trans-1,2-Dichloroethene	UG/L		1	J	J	10
MW-14	trans-1,3-Dichloropropene	UG/L	100		U		10
MW-14	Trichloroethene	UG/L	100		U		10
MW-14	Trichlorofluoromethane	UG/L			U		10
MW-14	Vinyl chloride	UG/L	100	2	J	J	10
MW-14	Xylenes (total)	UG/L	100		U		10
MW-15	1,1,1-Trichloroethane	UG/L	10		U		10
MW-15	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-15	1,1,2-Trichloroethane	UG/L	10		U		10
MW-15	1,1-Dichloroethane	UG/L	10		U		10
MW-15	1,1-Dichloroethene	UG/L	10		U		10
MW-15	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-15	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-15	1,2-Dibromoethane	UG/L			U		10
MW-15	1,2-Dichlorobenzene	UG/L	10		U		10
MW-15	1,2-Dichloroethane	UG/L	10		U		10
MW-15	1,2-Dichloropropane	UG/L	10		U		10
MW-15	1,3-Dichlorobenzene	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-15	1,4-Dichlorobenzene	UG/L	10		U		10
MW-15	2-Butanone	UG/L	10		U		10
MW-15	2-Hexanone	UG/L	10		U		10
MW-15	4-Methyl-2-pentanone	UG/L	10		U		10
MW-15	Acetone	UG/L	10	2	JB	J	10
MW-15	Benzene	UG/L	10		U		10
MW-15	Bromodichloromethane	UG/L	10		U		10
MW-15	Bromoform	UG/L	10		U		10
MW-15	Bromomethane	UG/L	10		U		10
MW-15	Carbon disulfide	UG/L	10		U		10
MW-15	Carbon Tetrachloride	UG/L	10		U		10
MW-15	Chlorobenzene	UG/L	10		U		10
MW-15	Chloroethane	UG/L	10		U		10
MW-15	Chloroform	UG/L	10		U		10
MW-15	Chloromethane	UG/L	10		U		10
MW-15	cis-1,2-Dichloroethene	UG/L			U		10
MW-15	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-15	Dibromochloromethane	UG/L	10		U		10
MW-15	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-15	Ethyl Benzene	UG/L	10		U		10
MW-15	Isopropylbenzene	UG/L			U		10
MW-15	Methyl tert-butyl ether	UG/L		1	J		10
MW-15	Methylene chloride	UG/L	10	2	JB	J	10
MW-15	Styrene	UG/L	10		U		10
MW-15	Tetrachloroethene	UG/L	10		U		10
MW-15	Toluene	UG/L	10		U		10
MW-15	trans-1,2-Dichloroethene	UG/L			U		10
MW-15	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-15	Trichloroethene	UG/L	10		U		10
MW-15	Trichlorofluoromethane	UG/L			U		10
MW-15	Vinyl chloride	UG/L	10		U		10
MW-15	Xylenes (total)	UG/L	10		U		10
MW-19	1,1,1-Trichloroethane	UG/L	10		U		10
MW-19	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-19	1,1,2-Trichloroethane	UG/L	10		U		10
MW-19	1,1-Dichloroethane	UG/L	10		U		10
MW-19	1,1-Dichloroethene	UG/L	10		U		10
MW-19	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-19	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-19	1,2-Dibromoethane	UG/L			U		10
MW-19	1,2-Dichlorobenzene	UG/L	10		U		10
MW-19	1,2-Dichloroethane	UG/L	10		U		10
MW-19	1,2-Dichloropropane	UG/L	10		U		10
MW-19	1,3-Dichlorobenzene	UG/L	10		U		10
MW-19	1,4-Dichlorobenzene	UG/L	10		U		10
MW-19	2-Butanone	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
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Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-19	2-Hexanone	UG/L	10		U		10
MW-19	4-Methyl-2-pentanone	UG/L	10		U		10
MW-19	Acetone	UG/L	12		U	UJ	10
MW-19	Benzene	UG/L	10		U		10
MW-19	Bromodichloromethane	UG/L	10		U		10
MW-19	Bromoform	UG/L	10		U		10
MW-19	Bromomethane	UG/L	10		U		10
MW-19	Carbon disulfide	UG/L	10		U	UJ	10
MW-19	Carbon Tetrachloride	UG/L	10		U		10
MW-19	Chlorobenzene	UG/L	10		U		10
MW-19	Chloroethane	UG/L	20	**24**			10
MW-19	Chloroform	UG/L	10		U		10
MW-19	Chloromethane	UG/L	10		U		10
MW-19	cis-1,2-Dichloroethene	UG/L			U		10
MW-19	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-19	Dibromochloromethane	UG/L	10		U		10
MW-19	Dichlorodifluoromethane	UG/L			U		10
MW-19	Ethyl Benzene	UG/L	10		U		10
MW-19	Isopropylbenzene	UG/L			U		10
MW-19	Methyl tert-butyl ether	UG/L			U		10
MW-19	Methylene chloride	UG/L	10		U		10
MW-19	Styrene	UG/L	10		U		10
MW-19	Tetrachloroethene	UG/L	10		U		10
MW-19	Toluene	UG/L	10		U		10
MW-19	trans-1,2-Dichloroethene	UG/L			U		10
MW-19	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-19	Trichloroethene	UG/L	10		U		10
MW-19	Trichlorofluoromethane	UG/L			U		10
MW-19	Vinyl chloride	UG/L	10		U		10
MW-19	Xylenes (total)	UG/L	10		U		10
MW-23	1,1,1-Trichloroethane	UG/L	10		U		10
MW-23	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-23	1,1,2-Trichloroethane	UG/L	10		U		10
MW-23	1,1-Dichloroethane	UG/L	10		U		10
MW-23	1,1-Dichloroethene	UG/L	10		U		10
MW-23	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-23	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-23	1,2-Dibromoethane	UG/L			U		10
MW-23	1,2-Dichlorobenzene	UG/L	10		U		10
MW-23	1,2-Dichloroethane	UG/L	10		U		10
MW-23	1,2-Dichloropropane	UG/L	10		U		10
MW-23	1,3-Dichlorobenzene	UG/L	10		U		10
MW-23	1,4-Dichlorobenzene	UG/L	10		U		10
MW-23	2-Butanone	UG/L	10		U	UJ	10
MW-23	2-Hexanone	UG/L	10		U		10
MW-23	4-Methyl-2-pentanone	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
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Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-23	Acetone	UG/L	10		U	UJ	10
MW-23	Benzene	UG/L	10		U		10
MW-23	Bromodichloromethane	UG/L	10		U		10
MW-23	Bromoform	UG/L	10		U		10
MW-23	Bromomethane	UG/L	10		U		10
MW-23	Carbon disulfide	UG/L	10		U		10
MW-23	Carbon Tetrachloride	UG/L	10		U		10
MW-23	Chlorobenzene	UG/L	10		U		10
MW-23	Chloroethane	UG/L	10		U		10
MW-23	Chloroform	UG/L	10		U		10
MW-23	Chloromethane	UG/L	10		U	UJ	10
MW-23	cis-1,2-Dichloroethene	UG/L			U		10
MW-23	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-23	Dibromochloromethane	UG/L	10		U		10
MW-23	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-23	Ethyl Benzene	UG/L	10		U		10
MW-23	Isopropylbenzene	UG/L			U		10
MW-23	Methyl tert-butyl ether	UG/L			U		10
MW-23	Methylene chloride	UG/L	10		U		10
MW-23	Styrene	UG/L	10		U		10
MW-23	Tetrachloroethene	UG/L	10		U		10
MW-23	Toluene	UG/L	10		U		10
MW-23	trans-1,2-Dichloroethene	UG/L			U		10
MW-23	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-23	Trichloroethene	UG/L	10		U		10
MW-23	Trichlorofluoromethane	UG/L			U		10
MW-23	Vinyl chloride	UG/L	10		U	UJ	10
MW-23	Xylenes (total)	UG/L	10		U		10
MW-24	1,1,1-Trichloroethane	UG/L	10		U		10
MW-24	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-24	1,1,2-Trichloroethane	UG/L	10		U		10
MW-24	1,1-Dichloroethane	UG/L	10		U		10
MW-24	1,1-Dichloroethene	UG/L	10		U		10
MW-24	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-24	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-24	1,2-Dibromoethane	UG/L			U		10
MW-24	1,2-Dichlorobenzene	UG/L	10		U		10
MW-24	1,2-Dichloroethane	UG/L	10		U		10
MW-24	1,2-Dichloropropane	UG/L	10		U		10
MW-24	1,3-Dichlorobenzene	UG/L	10		U		10
MW-24	1,4-Dichlorobenzene	UG/L	10		U		10
MW-24	2-Butanone	UG/L	10		U		10
MW-24	2-Hexanone	UG/L	10		U		10
MW-24	4-Methyl-2-pentanone	UG/L	10		U		10
MW-24	Acetone	UG/L	10		U	UJ	10
MW-24	Benzene	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-24	Bromodichloromethane	UG/L	10		U		10
MW-24	Bromoform	UG/L	10		U		10
MW-24	Bromomethane	UG/L	10		U		10
MW-24	Carbon disulfide	UG/L	10		U		10
MW-24	Carbon Tetrachloride	UG/L	10		U		10
MW-24	Chlorobenzene	UG/L	10		U		10
MW-24	Chloroethane	UG/L	10		U		10
MW-24	Chloroform	UG/L	10		U		10
MW-24	Chloromethane	UG/L	10		U	UJ	10
MW-24	cis-1,2-Dichloroethene	UG/L			U		10
MW-24	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-24	Dibromochloromethane	UG/L	10		U		10
MW-24	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-24	Ethyl Benzene	UG/L	10		U		10
MW-24	Isopropylbenzene	UG/L			U		10
MW-24	Methyl tert-butyl ether	UG/L			U		10
MW-24	Methylene chloride	UG/L	10	1	J	J	10
MW-24	Styrene	UG/L	10		U		10
MW-24	Tetrachloroethene	UG/L	10		U		10
MW-24	Toluene	UG/L	10		U		10
MW-24	trans-1,2-Dichloroethene	UG/L			U		10
MW-24	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-24	Trichloroethene	UG/L	10		U		10
MW-24	Trichlorofluoromethane	UG/L			U		10
MW-24	Vinyl chloride	UG/L	10		U	UJ	10
MW-24	Xylenes (total)	UG/L	10		U		10
MW-28	1,1,1-Trichloroethane	UG/L	10		U		10
MW-28	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-28	1,1,2-Trichloroethane	UG/L	10		U		10
MW-28	1,1-Dichloroethane	UG/L	10		U		10
MW-28	1,1-Dichloroethene	UG/L	10		U		10
MW-28	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-28	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-28	1,2-Dibromoethane	UG/L			U		10
MW-28	1,2-Dichlorobenzene	UG/L	10		U		10
MW-28	1,2-Dichloroethane	UG/L	10		U		10
MW-28	1,2-Dichloropropane	UG/L	10		U		10
MW-28	1,3-Dichlorobenzene	UG/L	10		U		10
MW-28	1,4-Dichlorobenzene	UG/L	10		U		10
MW-28	2-Butanone	UG/L	10		U		10
MW-28	2-Hexanone	UG/L	10		U		10
MW-28	4-Methyl-2-pentanone	UG/L	10		U		10
MW-28	Acetone	UG/L	10	6	JB	J	10
MW-28	Benzene	UG/L	10		U		10
MW-28	Bromodichloromethane	UG/L	10		U		10
MW-28	Bromoform	UG/L	10		U		10

BOLD = Exceedance
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CAS/cas/DMD/CAS
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1252042.221601

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-28	Bromomethane	UG/L	10		U		10
MW-28	Carbon disulfide	UG/L	10		U		10
MW-28	Carbon Tetrachloride	UG/L	10		U		10
MW-28	Chlorobenzene	UG/L	10		U		10
MW-28	Chloroethane	UG/L	10		U		10
MW-28	Chloroform	UG/L	10		U		10
MW-28	Chloromethane	UG/L	10		U		10
MW-28	cis-1,2-Dichloroethene	UG/L			U		10
MW-28	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-28	Dibromochloromethane	UG/L	10		U		10
MW-28	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-28	Ethyl Benzene	UG/L	10		U		10
MW-28	Isopropylbenzene	UG/L			U		10
MW-28	Methyl tert-butyl ether	UG/L			U		10
MW-28	Methylene chloride	UG/L	10	3	JB	J	10
MW-28	Styrene	UG/L	10		U		10
MW-28	Tetrachloroethene	UG/L	10		U		10
MW-28	Toluene	UG/L	10		U		10
MW-28	trans-1,2-Dichloroethene	UG/L			U		10
MW-28	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-28	Trichloroethene	UG/L	10		U		10
MW-28	Trichlorofluoromethane	UG/L			U		10
MW-28	Vinyl chloride	UG/L	10		U		10
MW-28	Xylenes (total)	UG/L	10		U		10
MW-29	1,1,1-Trichloroethane	UG/L	10		U		10
MW-29	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-29	1,1,2-Trichloroethane	UG/L	10		U		10
MW-29	1,1-Dichloroethane	UG/L	10		U		10
MW-29	1,1-Dichloroethene	UG/L	10		U		10
MW-29	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-29	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-29	1,2-Dibromoethane	UG/L			U		10
MW-29	1,2-Dichlorobenzene	UG/L	10		U		10
MW-29	1,2-Dichloroethane	UG/L	10		U		10
MW-29	1,2-Dichloropropane	UG/L	10		U		10
MW-29	1,3-Dichlorobenzene	UG/L	10		U		10
MW-29	1,4-Dichlorobenzene	UG/L	10		U		10
MW-29	2-Butanone	UG/L	10		U		10
MW-29	2-Hexanone	UG/L	10		U		10
MW-29	4-Methyl-2-pentanone	UG/L	10		U		10
MW-29	Acetone	UG/L	10		U		10
MW-29	Benzene	UG/L	10		U		10
MW-29	Bromodichloromethane	UG/L	10		U		10
MW-29	Bromoform	UG/L	10		U		10
MW-29	Bromomethane	UG/L	10		U		10
MW-29	Carbon disulfide	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-29	Carbon Tetrachloride	UG/L	10		U		10
MW-29	Chlorobenzene	UG/L	10		U		10
MW-29	Chloroethane	UG/L	10		U		10
MW-29	Chloroform	UG/L	10		U		10
MW-29	Chloromethane	UG/L	10		U		10
MW-29	cis-1,2-Dichloroethene	UG/L			U		10
MW-29	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-29	Dibromochloromethane	UG/L	10		U		10
MW-29	Dichlorodifluoromethane	UG/L			U		10
MW-29	Ethyl Benzene	UG/L	10		U		10
MW-29	Isopropylbenzene	UG/L			U		10
MW-29	Methyl tert-butyl ether	UG/L			U		10
MW-29	Methylene chloride	UG/L	10	2	J	J	10
MW-29	Styrene	UG/L	10		U		10
MW-29	Tetrachloroethene	UG/L	10		U		10
MW-29	Toluene	UG/L	10		U		10
MW-29	trans-1,2-Dichloroethene	UG/L			U		10
MW-29	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-29	Trichloroethene	UG/L	10		U		10
MW-29	Trichlorofluoromethane	UG/L			U		10
MW-29	Vinyl chloride	UG/L	10		U		10
MW-29	Xylenes (total)	UG/L	10		U		10
MW-30	1,1,1-Trichloroethane	UG/L	10		U		10
MW-30	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-30	1,1,2-Trichloroethane	UG/L	10		U		10
MW-30	1,1-Dichloroethane	UG/L	10		U		10
MW-30	1,1-Dichloroethene	UG/L	10		U		10
MW-30	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-30	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-30	1,2-Dibromoethane	UG/L			U		10
MW-30	1,2-Dichlorobenzene	UG/L	10		U		10
MW-30	1,2-Dichloroethane	UG/L	10		U		10
MW-30	1,2-Dichloropropane	UG/L	10		U		10
MW-30	1,3-Dichlorobenzene	UG/L	10		U		10
MW-30	1,4-Dichlorobenzene	UG/L	10		U		10
MW-30	2-Butanone	UG/L	10		U		10
MW-30	2-Hexanone	UG/L	10		U		10
MW-30	4-Methyl-2-pentanone	UG/L	10		U		10
MW-30	Acetone	UG/L	10		U		10
MW-30	Benzene	UG/L	10		U		10
MW-30	Bromodichloromethane	UG/L	10		U		10
MW-30	Bromoform	UG/L	10		U		10
MW-30	Bromomethane	UG/L	10		U	UJ	10
MW-30	Carbon disulfide	UG/L	10		U		10
MW-30	Carbon Tetrachloride	UG/L	10		U		10
MW-30	Chlorobenzene	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-30	Chloroethane	UG/L	10		U	UJ	10
MW-30	Chloroform	UG/L	10		U		10
MW-30	Chloromethane	UG/L	10		U		10
MW-30	cis-1,2-Dichloroethene	UG/L			U		10
MW-30	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-30	Dibromochloromethane	UG/L	10		U		10
MW-30	Dichlorodifluoromethane	UG/L			U		10
MW-30	Ethyl Benzene	UG/L	10		U		10
MW-30	Isopropylbenzene	UG/L			U		10
MW-30	Methyl tert-butyl ether	UG/L			U		10
MW-30	Methylene chloride	UG/L	10		U		10
MW-30	Styrene	UG/L	10		U		10
MW-30	Tetrachloroethene	UG/L	10		U		10
MW-30	Toluene	UG/L	10		U		10
MW-30	trans-1,2-Dichloroethene	UG/L			U		10
MW-30	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-30	Trichloroethene	UG/L	10		U		10
MW-30	Trichlorofluoromethane	UG/L			U		10
MW-30	Vinyl chloride	UG/L	10		U		10
MW-30	Xylenes (total)	UG/L	10		U		10
MW-31	1,1,1-Trichloroethane	UG/L	10		U		10
MW-31	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-31	1,1,2-Trichloroethane	UG/L	10		U		10
MW-31	1,1-Dichloroethane	UG/L	10		U		10
MW-31	1,1-Dichloroethene	UG/L	10		U		10
MW-31	1,2,4-Trichlorobenzene	UG/L	20		U		10
MW-31	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-31	1,2-Dibromoethane	UG/L			U		10
MW-31	1,2-Dichlorobenzene	UG/L	20		U		10
MW-31	1,2-Dichloroethane	UG/L	10		U		10
MW-31	1,2-Dichloropropane	UG/L	10		U		10
MW-31	1,3-Dichlorobenzene	UG/L	20		U		10
MW-31	1,4-Dichlorobenzene	UG/L	20		U		10
MW-31	2-Butanone	UG/L	10		U		10
MW-31	2-Hexanone	UG/L	10		U		10
MW-31	4-Methyl-2-pentanone	UG/L	10		U		10
MW-31	Acetone	UG/L	10		U	UJ	10
MW-31	Benzene	UG/L	10		U		10
MW-31	Bromodichloromethane	UG/L	10		U		10
MW-31	Bromoform	UG/L	10		U		10
MW-31	Bromomethane	UG/L	10		U		10
MW-31	Carbon disulfide	UG/L	10		U		10
MW-31	Carbon Tetrachloride	UG/L	10		U		10
MW-31	Chlorobenzene	UG/L	10		U		10
MW-31	Chloroethane	UG/L	10		U	UJ	10
MW-31	Chloroform	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-31	Chloromethane	UG/L	10		U		10
MW-31	cis-1,2-Dichloroethene	UG/L			U		10
MW-31	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-31	Dibromochloromethane	UG/L	10		U		10
MW-31	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-31	Ethyl Benzene	UG/L	10		U		10
MW-31	Isopropylbenzene	UG/L			U		10
MW-31	Methyl tert-butyl ether	UG/L			U		10
MW-31	Methylene chloride	UG/L	10	1	J	J	10
MW-31	Styrene	UG/L	10		U		10
MW-31	Tetrachloroethene	UG/L	10		U		10
MW-31	Toluene	UG/L	10		U		10
MW-31	trans-1,2-Dichloroethene	UG/L			U		10
MW-31	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-31	Trichloroethene	UG/L	10		U		10
MW-31	Trichlorofluoromethane	UG/L			U		10
MW-31	Vinyl chloride	UG/L	10		U		10
MW-31	Xylenes (total)	UG/L	10		U		10
MW-32	1,1,1-Trichloroethane	UG/L	10		U		10
MW-32	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-32	1,1,2-Trichloroethane	UG/L	10		U		10
MW-32	1,1-Dichloroethane	UG/L	10		U		10
MW-32	1,1-Dichloroethene	UG/L	10		U		10
MW-32	1,2,4-Trichlorobenzene	UG/L	20		U		10
MW-32	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-32	1,2-Dibromoethane	UG/L			U		10
MW-32	1,2-Dichlorobenzene	UG/L	20		U		10
MW-32	1,2-Dichloroethane	UG/L	10		U		10
MW-32	1,2-Dichloropropane	UG/L	10		U		10
MW-32	1,3-Dichlorobenzene	UG/L	20		U		10
MW-32	1,4-Dichlorobenzene	UG/L	20		U		10
MW-32	2-Butanone	UG/L	10		U	UJ	10
MW-32	2-Hexanone	UG/L	10		U		10
MW-32	4-Methyl-2-pentanone	UG/L	10		U		10
MW-32	Acetone	UG/L	10	9	J	J	10
MW-32	Benzene	UG/L	10		U		10
MW-32	Bromodichloromethane	UG/L	10		U		10
MW-32	Bromoform	UG/L	10		U		10
MW-32	Bromomethane	UG/L	10		U		10
MW-32	Carbon disulfide	UG/L	10		U		10
MW-32	Carbon Tetrachloride	UG/L	10		U		10
MW-32	Chlorobenzene	UG/L	10		U		10
MW-32	Chloroethane	UG/L	10		U		10
MW-32	Chloroform	UG/L	10		U		10
MW-32	Chloromethane	UG/L	10		U	UJ	10
MW-32	cis-1,2-Dichloroethene	UG/L			U		10

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Comparison of Results to Baseline Highest Detections
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-32	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-32	Dibromochloromethane	UG/L	10		U		10
MW-32	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-32	Ethyl Benzene	UG/L	10		U		10
MW-32	Isopropylbenzene	UG/L			U		10
MW-32	Methyl tert-butyl ether	UG/L			U		10
MW-32	Methylene chloride	UG/L	10	1	J	J	10
MW-32	Styrene	UG/L	10		U		10
MW-32	Tetrachloroethene	UG/L	10		U		10
MW-32	Toluene	UG/L	10		U		10
MW-32	trans-1,2-Dichloroethene	UG/L			U		10
MW-32	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-32	Trichloroethene	UG/L	10		U		10
MW-32	Trichlorofluoromethane	UG/L			U		10
MW-32	Vinyl chloride	UG/L	10		U	UJ	10
MW-32	Xylenes (total)	UG/L	10		U		10
MW-33	1,1,1-Trichloroethane	UG/L	10		U		10
MW-33	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-33	1,1,2-Trichloroethane	UG/L	10		U		10
MW-33	1,1-Dichloroethane	UG/L	10		U		10
MW-33	1,1-Dichloroethene	UG/L	10		U		10
MW-33	1,2,4-Trichlorobenzene	UG/L	20		U		10
MW-33	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-33	1,2-Dibromoethane	UG/L			U		10
MW-33	1,2-Dichlorobenzene	UG/L	20		U		10
MW-33	1,2-Dichloroethane	UG/L	10		U		10
MW-33	1,2-Dichloropropane	UG/L	10		U		10
MW-33	1,3-Dichlorobenzene	UG/L	20		U		10
MW-33	1,4-Dichlorobenzene	UG/L	20		U		10
MW-33	2-Butanone	UG/L	10		U		10
MW-33	2-Hexanone	UG/L	10		U		10
MW-33	4-Methyl-2-pentanone	UG/L	10		U		10
MW-33	Acetone	UG/L	10	6	J	J	10
MW-33	Benzene	UG/L	10		U		10
MW-33	Bromodichloromethane	UG/L	10		U		10
MW-33	Bromoform	UG/L	10		U		10
MW-33	Bromomethane	UG/L	10		U	UJ	10
MW-33	Carbon disulfide	UG/L	10		U		10
MW-33	Carbon Tetrachloride	UG/L	10		U		10
MW-33	Chlorobenzene	UG/L	10		U		10
MW-33	Chloroethane	UG/L	10		U	UJ	10
MW-33	Chloroform	UG/L	10		U		10
MW-33	Chloromethane	UG/L	10		U		10
MW-33	cis-1,2-Dichloroethene	UG/L			U		10
MW-33	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-33	Dibromochloromethane	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
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Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-33	Dichlorodifluoromethane	UG/L			U		10
MW-33	Ethyl Benzene	UG/L	10		U		10
MW-33	Isopropylbenzene	UG/L			U		10
MW-33	Methyl tert-butyl ether	UG/L			U		10
MW-33	Methylene chloride	UG/L	10		U		10
MW-33	Styrene	UG/L	10		U		10
MW-33	Tetrachloroethene	UG/L	10		U		10
MW-33	Toluene	UG/L	10		U		10
MW-33	trans-1,2-Dichloroethene	UG/L			U		10
MW-33	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-33	Trichloroethene	UG/L	10		U		10
MW-33	Trichlorofluoromethane	UG/L			U		10
MW-33	Vinyl chloride	UG/L	10		U		10
MW-33	Xylenes (total)	UG/L	10		U		10
MW-34	1,1,1-Trichloroethane	UG/L	10		U		10
MW-34	1,1,2-Trichloroethane	UG/L	10		U		10
MW-34	1,1-Dichloroethene	UG/L	10		U		10
MW-34	Benzene	UG/L	10		U		10
MW-34	Chloroethane	UG/L	10		U	UJ	10
MW-34	cis-1,2-Dichloroethene	UG/L			U		10
MW-34	Tetrachloroethene	UG/L	10		U		10
MW-34	trans-1,2-Dichloroethene	UG/L			U		10
MW-34	Trichloroethene	UG/L	10		U		10
MW-34	Vinyl chloride	UG/L	10		U		10
MW-37	1,1,1-Trichloroethane	UG/L	10		U		10
MW-37	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-37	1,1,2-Trichloroethane	UG/L	10		U		10
MW-37	1,1-Dichloroethane	UG/L	10		U		10
MW-37	1,1-Dichloroethene	UG/L	10		U		10
MW-37	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-37	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-37	1,2-Dibromoethane	UG/L			U		10
MW-37	1,2-Dichlorobenzene	UG/L	10		U		10
MW-37	1,2-Dichloroethane	UG/L	10		U		10
MW-37	1,2-Dichloropropane	UG/L	10		U		10
MW-37	1,3-Dichlorobenzene	UG/L	10		U		10
MW-37	1,4-Dichlorobenzene	UG/L	10		U		10
MW-37	2-Butanone	UG/L	10		U	UJ	10
MW-37	2-Hexanone	UG/L	10		U		10
MW-37	4-Methyl-2-pentanone	UG/L	10		U		10
MW-37	Acetone	UG/L	10		U	UJ	10
MW-37	Benzene	UG/L	10	1	J	J	10
MW-37	Bromodichloromethane	UG/L	10		U		10
MW-37	Bromoform	UG/L	10		U		10
MW-37	Bromomethane	UG/L	10		U		10
MW-37	Carbon disulfide	UG/L	10		U		10

BOLD = Exceedance
NA = Not Applicable

CAS/cas/DMD/CAS
J:\1252\042\Databases\1998\ACS GW.mdb[rptNewResultsVOC]
1252042.221601

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-37	Carbon Tetrachloride	UG/L	10		U		10
MW-37	Chlorobenzene	UG/L	10		U		10
MW-37	Chloroethane	UG/L	10		U		10
MW-37	Chloroform	UG/L	10		U		10
MW-37	Chloromethane	UG/L	10		U	UJ	10
MW-37	cis-1,2-Dichloroethene	UG/L			U		10
MW-37	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-37	Dibromochloromethane	UG/L	10		U		10
MW-37	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-37	Ethyl Benzene	UG/L	10		U		10
MW-37	Isopropylbenzene	UG/L			U		10
MW-37	Methyl tert-butyl ether	UG/L			U		10
MW-37	Methylene chloride	UG/L	10		U		10
MW-37	Styrene	UG/L	10		U		10
MW-37	Tetrachloroethene	UG/L	10		U		10
MW-37	Toluene	UG/L	10	1	J	J	10
MW-37	trans-1,2-Dichloroethene	UG/L			U		10
MW-37	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-37	Trichloroethene	UG/L	10		U		10
MW-37	Trichlorofluoromethane	UG/L			U		10
MW-37	Vinyl chloride	UG/L	10		U	UJ	10
MW-37	Xylenes (total)	UG/L	10		U		10
MW-38	1,1,1-Trichloroethane	UG/L	10		U		10
MW-38	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-38	1,1,2-Trichloroethane	UG/L	10		U		10
MW-38	1,1-Dichloroethane	UG/L	10		U		10
MW-38	1,1-Dichloroethene	UG/L	10		U		10
MW-38	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-38	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-38	1,2-Dibromoethane	UG/L			U		10
MW-38	1,2-Dichlorobenzene	UG/L	10		U		10
MW-38	1,2-Dichloroethane	UG/L	10		U		10
MW-38	1,2-Dichloropropane	UG/L	10		U		10
MW-38	1,3-Dichlorobenzene	UG/L	10		U		10
MW-38	1,4-Dichlorobenzene	UG/L	10		U		10
MW-38	2-Butanone	UG/L	10		U		10
MW-38	2-Hexanone	UG/L	10		U		10
MW-38	4-Methyl-2-pentanone	UG/L	10		U		10
MW-38	Acetone	UG/L	10	1	JB	J	10
MW-38	Benzene	UG/L	10		U		10
MW-38	Bromodichloromethane	UG/L	10		U		10
MW-38	Bromoform	UG/L	10		U		10
MW-38	Bromomethane	UG/L	10		U		10
MW-38	Carbon disulfide	UG/L	10		U		10
MW-38	Carbon Tetrachloride	UG/L	10		U		10
MW-38	Chlorobenzene	UG/L	10		U		10

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CAS/cas/DMD/CAS
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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-38	Chloroethane	UG/L	10		U		10
MW-38	Chloroform	UG/L	10		U		10
MW-38	Chloromethane	UG/L	10		U		10
MW-38	cis-1,2-Dichloroethene	UG/L			U		10
MW-38	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-38	Dibromochloromethane	UG/L	10		U		10
MW-38	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-38	Ethyl Benzene	UG/L	10		U		10
MW-38	Isopropylbenzene	UG/L			U		10
MW-38	Methyl tert-butyl ether	UG/L			U		10
MW-38	Methylene chloride	UG/L	10	2	JB	J	10
MW-38	Styrene	UG/L	10		U		10
MW-38	Tetrachloroethene	UG/L	10		U		10
MW-38	Toluene	UG/L	10	3	J	J	10
MW-38	trans-1,2-Dichloroethene	UG/L			U		10
MW-38	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-38	Trichloroethene	UG/L	10		U		10
MW-38	Trichlorofluoromethane	UG/L			U		10
MW-38	Vinyl chloride	UG/L	10		U		10
MW-38	Xylenes (total)	UG/L	10		U		10
MW-39	1,1,1-Trichloroethane	UG/L	10		U		10
MW-39	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-39	1,1,2-Trichloroethane	UG/L	10		U		10
MW-39	1,1-Dichloroethane	UG/L	10		U		10
MW-39	1,1-Dichloroethene	UG/L	10		U		10
MW-39	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-39	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-39	1,2-Dibromoethane	UG/L			U		10
MW-39	1,2-Dichlorobenzene	UG/L	10		U		10
MW-39	1,2-Dichloroethane	UG/L	10		U		10
MW-39	1,2-Dichloropropane	UG/L	10		U		10
MW-39	1,3-Dichlorobenzene	UG/L	10		U		10
MW-39	1,4-Dichlorobenzene	UG/L	10		U		10
MW-39	2-Butanone	UG/L	10		U		10
MW-39	2-Hexanone	UG/L	10		U		10
MW-39	4-Methyl-2-pentanone	UG/L	10		U		10
MW-39	Acetone	UG/L	10	1	JB	J	10
MW-39	Benzene	UG/L	12		U		10
MW-39	Bromodichloromethane	UG/L	10		U		10
MW-39	Bromoform	UG/L	10		U		10
MW-39	Bromomethane	UG/L	10		U		10
MW-39	Carbon disulfide	UG/L	10		U		10
MW-39	Carbon Tetrachloride	UG/L	10		U		10
MW-39	Chlorobenzene	UG/L	10		U		10
MW-39	Chloroethane	UG/L	10		U		10
MW-39	Chloroform	UG/L	10		U		10

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CAS/cas/DMD/CAS
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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-39	Chloromethane	UG/L	10		U		10
MW-39	cis-1,2-Dichloroethene	UG/L			U		10
MW-39	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-39	Dibromochloromethane	UG/L	10		U		10
MW-39	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-39	Ethyl Benzene	UG/L	10		U		10
MW-39	Isopropylbenzene	UG/L			U		10
MW-39	Methyl tert-butyl ether	UG/L			U		10
MW-39	Methylene chloride	UG/L	10	2	JB	J	10
MW-39	Styrene	UG/L	10		U		10
MW-39	Tetrachloroethene	UG/L	10		U		10
MW-39	Toluene	UG/L	10		U		10
MW-39	trans-1,2-Dichloroethene	UG/L		2	J		10
MW-39	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-39	Trichloroethene	UG/L	10		U		10
MW-39	Trichlorofluoromethane	UG/L			U		10
MW-39	Vinyl chloride	UG/L	10		U		10
MW-39	Xylenes (total)	UG/L	10		U		10
MW-40	1,1,1-Trichloroethane	UG/L	10		U		10
MW-40	1,1,2-Trichloroethane	UG/L	10		U		10
MW-40	1,1-Dichloroethene	UG/L	10		U		10
MW-40	Benzene	UG/L	10		U		10
MW-40	Chloroethane	UG/L	10		U	UJ	10
MW-40	cis-1,2-Dichloroethene	UG/L			U		10
MW-40	Tetrachloroethene	UG/L	10		U		10
MW-40	trans-1,2-Dichloroethene	UG/L			U		10
MW-40	Trichloroethene	UG/L	10		U		10
MW-40	Vinyl chloride	UG/L	10		U		10
MW-41	1,1,1-Trichloroethane	UG/L	10		U		10
MW-41	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-41	1,1,2-Trichloroethane	UG/L	10		U		10
MW-41	1,1-Dichloroethane	UG/L	10		U		10
MW-41	1,1-Dichloroethene	UG/L	10		U		10
MW-41	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-41	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-41	1,2-Dibromoethane	UG/L			U		10
MW-41	1,2-Dichlorobenzene	UG/L	10		U		10
MW-41	1,2-Dichloroethane	UG/L	10		U		10
MW-41	1,2-Dichloropropane	UG/L	10		U		10
MW-41	1,3-Dichlorobenzene	UG/L	10		U		10
MW-41	1,4-Dichlorobenzene	UG/L	10		U		10
MW-41	2-Butanone	UG/L	10		U		10
MW-41	2-Hexanone	UG/L	10		U		10
MW-41	4-Methyl-2-pentanone	UG/L	10		U		10
MW-41	Acetone	UG/L	10	2	JB	J	10
MW-41	Benzene	UG/L	10		U		10

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NA = Not Applicable

CAS/cas/DMD/CAS
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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-41	Bromodichloromethane	UG/L	10		U		10
MW-41	Bromoform	UG/L	10		U		10
MW-41	Bromomethane	UG/L	10		U		10
MW-41	Carbon disulfide	UG/L	10		U		10
MW-41	Carbon Tetrachloride	UG/L	10		U		10
MW-41	Chlorobenzene	UG/L	10		U		10
MW-41	Chloroethane	UG/L	10		U		10
MW-41	Chloroform	UG/L	10		U		10
MW-41	Chloromethane	UG/L	10		U		10
MW-41	cis-1,2-Dichloroethene	UG/L			U		10
MW-41	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-41	Dibromochloromethane	UG/L	10		U		10
MW-41	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-41	Ethyl Benzene	UG/L	10		U		10
MW-41	Isopropylbenzene	UG/L			U		10
MW-41	Methyl tert-butyl ether	UG/L			U		10
MW-41	Methylene chloride	UG/L	10	3	JB	J	10
MW-41	Styrene	UG/L	10		U		10
MW-41	Tetrachloroethene	UG/L	10		U		10
MW-41	Toluene	UG/L	10		U		10
MW-41	trans-1,2-Dichloroethene	UG/L			U		10
MW-41	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-41	Trichloroethene	UG/L	10		U		10
MW-41	Trichlorofluoromethane	UG/L			U		10
MW-41	Vinyl chloride	UG/L	10		U		10
MW-41	Xylenes (total)	UG/L	10		U		10
MW-42	1,1,1-Trichloroethane	UG/L	10		U		10
MW-42	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-42	1,1,2-Trichloroethane	UG/L	10		U		10
MW-42	1,1-Dichloroethane	UG/L	10		U		10
MW-42	1,1-Dichloroethene	UG/L	10		U		10
MW-42	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-42	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-42	1,2-Dibromoethane	UG/L			U		10
MW-42	1,2-Dichlorobenzene	UG/L	10		U		10
MW-42	1,2-Dichloroethane	UG/L	10		U		10
MW-42	1,2-Dichloropropane	UG/L	10		U		10
MW-42	1,3-Dichlorobenzene	UG/L	10		U		10
MW-42	1,4-Dichlorobenzene	UG/L	10		U		10
MW-42	2-Butanone	UG/L	10		U		10
MW-42	2-Hexanone	UG/L	10		U		10
MW-42	4-Methyl-2-pentanone	UG/L	10		U		10
MW-42	Acetone	UG/L	10		U	UJ	10
MW-42	Benzene	UG/L	10		U		10
MW-42	Bromodichloromethane	UG/L	10		U		10
MW-42	Bromoform	UG/L	10		U		10

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CAS/cas/DMD/CAS
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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-42	Bromomethane	UG/L	10		U		10
MW-42	Carbon disulfide	UG/L	10		U		10
MW-42	Carbon Tetrachloride	UG/L	10		U		10
MW-42	Chlorobenzene	UG/L	10		U		10
MW-42	Chloroethane	UG/L	10		U		10
MW-42	Chloroform	UG/L	10		U		10
MW-42	Chloromethane	UG/L	10		U		10
MW-42	cis-1,2-Dichloroethene	UG/L			U		10
MW-42	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-42	Dibromochloromethane	UG/L	10		U		10
MW-42	Dichlorodifluoromethane	UG/L			U		10
MW-42	Ethyl Benzene	UG/L	10		U		10
MW-42	Isopropylbenzene	UG/L			U		10
MW-42	Methyl tert-butyl ether	UG/L			U		10
MW-42	Methylene chloride	UG/L	10		U		10
MW-42	Styrene	UG/L	10		U		10
MW-42	Tetrachloroethene	UG/L	10		U		10
MW-42	Toluene	UG/L	10		U		10
MW-42	trans-1,2-Dichloroethene	UG/L			U		10
MW-42	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-42	Trichloroethene	UG/L	10		U		10
MW-42	Trichlorofluoromethane	UG/L			U		10
MW-42	Vinyl chloride	UG/L	10		U		10
MW-42	Xylenes (total)	UG/L	10		U		10
MW-43	1,1,1-Trichloroethane	UG/L	10		U		10
MW-43	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-43	1,1,2-Trichloroethane	UG/L	10		U		10
MW-43	1,1-Dichloroethane	UG/L	10		U		10
MW-43	1,1-Dichloroethene	UG/L	10		U		10
MW-43	1,2,4-Trichlorobenzene	UG/L	20		U		10
MW-43	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-43	1,2-Dibromoethane	UG/L			U		10
MW-43	1,2-Dichlorobenzene	UG/L	20		U		10
MW-43	1,2-Dichloroethane	UG/L	10		U		10
MW-43	1,2-Dichloropropane	UG/L	10		U		10
MW-43	1,3-Dichlorobenzene	UG/L	20		U		10
MW-43	1,4-Dichlorobenzene	UG/L	20		U		10
MW-43	2-Butanone	UG/L	10		U		10
MW-43	2-Hexanone	UG/L	10		U		10
MW-43	4-Methyl-2-pentanone	UG/L	10		U		10
MW-43	Acetone	UG/L	10	2	JB	J	10
MW-43	Benzene	UG/L	10		U		10
MW-43	Bromodichloromethane	UG/L	10		U		10
MW-43	Bromoform	UG/L	10		U		10
MW-43	Bromomethane	UG/L	10		U		10
MW-43	Carbon disulfide	UG/L	10		U		10

BOLD = Exceedance
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CAS/cas/DMD/CAS
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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-43	Carbon Tetrachloride	UG/L	10		U		10
MW-43	Chlorobenzene	UG/L	10		U		10
MW-43	Chloroethane	UG/L	10		U		10
MW-43	Chloroform	UG/L	10		U		10
MW-43	Chloromethane	UG/L	10		U		10
MW-43	cis-1,2-Dichloroethene	UG/L			U		10
MW-43	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-43	Dibromochloromethane	UG/L	10		U		10
MW-43	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-43	Ethyl Benzene	UG/L	10		U		10
MW-43	Isopropylbenzene	UG/L			U		10
MW-43	Methyl tert-butyl ether	UG/L			U		10
MW-43	Methylene chloride	UG/L	10	2	JB	J	10
MW-43	Styrene	UG/L	10		U		10
MW-43	Tetrachloroethene	UG/L	10		U		10
MW-43	Toluene	UG/L	10		U		10
MW-43	trans-1,2-Dichloroethene	UG/L			U		10
MW-43	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-43	Trichloroethene	UG/L	10		U		10
MW-43	Trichlorofluoromethane	UG/L			U		10
MW-43	Vinyl chloride	UG/L	10		U		10
MW-43	Xylenes (total)	UG/L	10		U		10
MW-44	1,1,1-Trichloroethane	UG/L	10		U		10
MW-44	1,1,2,2-Tetrachloroethane	UG/L	10	2	J	J	10
MW-44	1,1,2-Trichloroethane	UG/L	10		U		10
MW-44	1,1-Dichloroethane	UG/L	10		U		10
MW-44	1,1-Dichloroethene	UG/L	10		U		10
MW-44	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-44	1,2-Dibromo-3-chloropropane	UG/L		6	J		10
MW-44	1,2-Dibromoethane	UG/L			U		10
MW-44	1,2-Dichlorobenzene	UG/L	10		U		10
MW-44	1,2-Dichloroethane	UG/L	10		U		10
MW-44	1,2-Dichloropropane	UG/L	10		U		10
MW-44	1,3-Dichlorobenzene	UG/L	10		U		10
MW-44	1,4-Dichlorobenzene	UG/L	10		U		10
MW-44	2-Butanone	UG/L	10		U		10
MW-44	2-Hexanone	UG/L	10	4	J	J	10
MW-44	4-Methyl-2-pentanone	UG/L	10	5	J	J	10
MW-44	Acetone	UG/L	10	8	J	J	10
MW-44	Benzene	UG/L	10		U		10
MW-44	Bromodichloromethane	UG/L	10		U		10
MW-44	Bromoform	UG/L	10	1	J	J	10
MW-44	Bromomethane	UG/L	10		U		10
MW-44	Carbon disulfide	UG/L	10		U		10
MW-44	Carbon Tetrachloride	UG/L	10		U		10
MW-44	Chlorobenzene	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-44	Chloroethane	UG/L	10		U		10
MW-44	Chloroform	UG/L	10		U		10
MW-44	Chloromethane	UG/L	10		U		10
MW-44	cis-1,2-Dichloroethene	UG/L			U		10
MW-44	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-44	Dibromochloromethane	UG/L	10		U		10
MW-44	Dichlorodifluoromethane	UG/L			U		10
MW-44	Ethyl Benzene	UG/L	10		U		10
MW-44	Isopropylbenzene	UG/L			U		10
MW-44	Methyl tert-butyl ether	UG/L			U		10
MW-44	Methylene chloride	UG/L	10		U	J	10
MW-44	Styrene	UG/L	10		U		10
MW-44	Tetrachloroethene	UG/L	10		U		10
MW-44	Toluene	UG/L	10		U		10
MW-44	trans-1,2-Dichloroethene	UG/L			U		10
MW-44	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-44	Trichloroethene	UG/L	10		U		10
MW-44	Trichlorofluoromethane	UG/L			U		10
MW-44	Vinyl chloride	UG/L	10		U		10
MW-44	Xylenes (total)	UG/L	10		U		10
MW-45	1,1,1-Trichloroethane	UG/L	80		U		10
MW-45	1,1,2,2-Tetrachloroethane	UG/L	80		U		10
MW-45	1,1,2-Trichloroethane	UG/L	80		U		10
MW-45	1,1-Dichloroethane	UG/L	80		U		10
MW-45	1,1-Dichloroethene	UG/L	80		U		10
MW-45	1,2,4-Trichlorobenzene	UG/L	20		U		10
MW-45	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-45	1,2-Dibromoethane	UG/L			U		10
MW-45	1,2-Dichlorobenzene	UG/L	20	4	J	J	10
MW-45	1,2-Dichloroethane	UG/L	80		U		10
MW-45	1,2-Dichloropropane	UG/L	80		U		10
MW-45	1,3-Dichlorobenzene	UG/L	20		U		10
MW-45	1,4-Dichlorobenzene	UG/L	20	2	J		10
MW-45	2-Butanone	UG/L	120		U		10
MW-45	2-Hexanone	UG/L	120		U		10
MW-45	4-Methyl-2-pentanone	UG/L	120		U		10
MW-45	Acetone	UG/L	170	3	JB	J	10
MW-45	Benzene	UG/L	1,045	290	D		20
MW-45	Bromodichloromethane	UG/L	80		U		10
MW-45	Bromoform	UG/L	80		U		10
MW-45	Bromomethane	UG/L	80		U	UJ	10
MW-45	Carbon disulfide	UG/L	80		U		10
MW-45	Carbon Tetrachloride	UG/L	80		U		10
MW-45	Chlorobenzene	UG/L	80	25			10
MW-45	Chloroethane	UG/L	215	38	D	J	10
MW-45	Chloroform	UG/L	80		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-45	Chloromethane	UG/L	80		U		10
MW-45	cis-1,2-Dichloroethene	UG/L			U		10
MW-45	cis-1,3-Dichloropropene	UG/L	80		U		10
MW-45	Dibromochloromethane	UG/L	80		U		10
MW-45	Dichlorodifluoromethane	UG/L			U		10
MW-45	Ethyl Benzene	UG/L	80		U		10
MW-45	Isopropylbenzene	UG/L		16			10
MW-45	Methyl tert-butyl ether	UG/L			U		10
MW-45	Methylene chloride	UG/L	80	3	JB	J	10
MW-45	Styrene	UG/L	80		U		10
MW-45	Tetrachloroethene	UG/L	80		U		10
MW-45	Toluene	UG/L	80		U		10
MW-45	trans-1,2-Dichloroethene	UG/L		2	J		10
MW-45	trans-1,3-Dichloropropene	UG/L	80		U		10
MW-45	Trichloroethene	UG/L	80		U		10
MW-45	Trichlorofluoromethane	UG/L			U		10
MW-45	Vinyl chloride	UG/L	80		U		10
MW-45	Xylenes (total)	UG/L	280	4	J	J	10
MW-46	1,1,1-Trichloroethane	UG/L	10		U		10
MW-46	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-46	1,1,2-Trichloroethane	UG/L	10		U		10
MW-46	1,1-Dichloroethane	UG/L	10		U		10
MW-46	1,1-Dichloroethene	UG/L	10		U		10
MW-46	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-46	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-46	1,2-Dibromoethane	UG/L			U		10
MW-46	1,2-Dichlorobenzene	UG/L	10		U		10
MW-46	1,2-Dichloroethane	UG/L	10		U		10
MW-46	1,2-Dichloropropane	UG/L	10		U		10
MW-46	1,3-Dichlorobenzene	UG/L	10		U		10
MW-46	1,4-Dichlorobenzene	UG/L	10		U		10
MW-46	2-Butanone	UG/L	10		U		10
MW-46	2-Hexanone	UG/L	10		U		10
MW-46	4-Methyl-2-pentanone	UG/L	10		U		10
MW-46	Acetone	UG/L	10		U	UJ	10
MW-46	Benzene	UG/L	10		U		10
MW-46	Bromodichloromethane	UG/L	10		U		10
MW-46	Bromoform	UG/L	10		U		10
MW-46	Bromomethane	UG/L	10		U		10
MW-46	Carbon disulfide	UG/L	10		U		10
MW-46	Carbon Tetrachloride	UG/L	10		U		10
MW-46	Chlorobenzene	UG/L	10		U		10
MW-46	Chloroethane	UG/L	10		U		10
MW-46	Chloroform	UG/L	10		U		10
MW-46	Chloromethane	UG/L	10		U	UJ	10
MW-46	cis-1,2-Dichloroethene	UG/L			U		10

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Comparison of Results to Baseline Highest Detections
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-46	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-46	Dibromochloromethane	UG/L	10		U		10
MW-46	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-46	Ethyl Benzene	UG/L	10		U		10
MW-46	Isopropylbenzene	UG/L			U		10
MW-46	Methyl tert-butyl ether	UG/L			U		10
MW-46	Methylene chloride	UG/L	10		U		10
MW-46	Styrene	UG/L	10		U		10
MW-46	Tetrachloroethene	UG/L	10		U		10
MW-46	Toluene	UG/L	10		U		10
MW-46	trans-1,2-Dichloroethene	UG/L			U		10
MW-46	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-46	Trichloroethene	UG/L	10		U		10
MW-46	Trichlorofluoromethane	UG/L			U		10
MW-46	Vinyl chloride	UG/L	10		U	UJ	10
MW-46	Xylenes (total)	UG/L	10		U		10
MW-47	1,1,1-Trichloroethane	UG/L	10		U		10
MW-47	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-47	1,1,2-Trichloroethane	UG/L	10		U		10
MW-47	1,1-Dichloroethane	UG/L	10		U		10
MW-47	1,1-Dichloroethene	UG/L	10		U		10
MW-47	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-47	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-47	1,2-Dibromoethane	UG/L			U		10
MW-47	1,2-Dichlorobenzene	UG/L	10		U		10
MW-47	1,2-Dichloroethane	UG/L	10		U		10
MW-47	1,2-Dichloropropane	UG/L	10		U		10
MW-47	1,3-Dichlorobenzene	UG/L	10		U		10
MW-47	1,4-Dichlorobenzene	UG/L	10		U		10
MW-47	2-Butanone	UG/L	10		U		10
MW-47	2-Hexanone	UG/L	10		U		10
MW-47	4-Methyl-2-pentanone	UG/L	10		U		10
MW-47	Acetone	UG/L	10	2	JB	J	10
MW-47	Benzene	UG/L	10		U		10
MW-47	Bromodichloromethane	UG/L	10		U		10
MW-47	Bromoform	UG/L	10		U		10
MW-47	Bromomethane	UG/L	10		U		10
MW-47	Carbon disulfide	UG/L	10		U		10
MW-47	Carbon Tetrachloride	UG/L	10		U		10
MW-47	Chlorobenzene	UG/L	10		U		10
MW-47	Chloroethane	UG/L	10		U		10
MW-47	Chloroform	UG/L	10		U		10
MW-47	Chloromethane	UG/L	10		U		10
MW-47	cis-1,2-Dichloroethene	UG/L			U		10
MW-47	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-47	Dibromochloromethane	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-47	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-47	Ethyl Benzene	UG/L	10		U		10
MW-47	Isopropylbenzene	UG/L			U		10
MW-47	Methyl tert-butyl ether	UG/L			U		10
MW-47	Methylene chloride	UG/L	10	2	JB	J	10
MW-47	Styrene	UG/L	10		U		10
MW-47	Tetrachloroethene	UG/L	10		U		10
MW-47	Toluene	UG/L	10		U		10
MW-47	trans-1,2-Dichloroethene	UG/L			U		10
MW-47	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-47	Trichloroethene	UG/L	10		U		10
MW-47	Trichlorofluoromethane	UG/L			U		10
MW-47	Vinyl chloride	UG/L	10		U		10
MW-47	Xylenes (total)	UG/L	10		U		10
MW-48	1,1,1-Trichloroethane	UG/L	500		U		10
MW-48	1,1,2,2-Tetrachloroethane	UG/L	500		U		10
MW-48	1,1,2-Trichloroethane	UG/L	500		U		10
MW-48	1,1-Dichloroethane	UG/L	500		U		10
MW-48	1,1-Dichloroethene	UG/L	500		U		10
MW-48	1,2,4-Trichlorobenzene	UG/L	20		U		10
MW-48	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-48	1,2-Dibromoethane	UG/L			U		10
MW-48	1,2-Dichlorobenzene	UG/L	20		U		10
MW-48	1,2-Dichloroethane	UG/L	500		U		10
MW-48	1,2-Dichloropropane	UG/L	500		U		10
MW-48	1,3-Dichlorobenzene	UG/L	20		U		10
MW-48	1,4-Dichlorobenzene	UG/L	20		U		10
MW-48	2-Butanone	UG/L	2,500		U	UJ	10
MW-48	2-Hexanone	UG/L	2,500		U		10
MW-48	4-Methyl-2-pentanone	UG/L	2,500		U		10
MW-48	Acetone	UG/L	2,500		U	UJ	10
MW-48	Benzene	UG/L	9,500	220	D		20
MW-48	Bromodichloromethane	UG/L	500		U		10
MW-48	Bromoform	UG/L	500		U		10
MW-48	Bromomethane	UG/L	500		U		10
MW-48	Carbon disulfide	UG/L	500		U		10
MW-48	Carbon Tetrachloride	UG/L	500		U		10
MW-48	Chlorobenzene	UG/L	500		U		10
MW-48	Chloroethane	UG/L	1,000	24			10
MW-48	Chloroform	UG/L	500		U		10
MW-48	Chloromethane	UG/L	500		U	UJ	10
MW-48	cis-1,2-Dichloroethene	UG/L			U		10
MW-48	cis-1,3-Dichloropropene	UG/L	500		U		10
MW-48	Dibromochloromethane	UG/L	500		U		10
MW-48	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-48	Ethyl Benzene	UG/L	500		U		10

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Comparison of Results to Baseline Highest Detections
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-48	Isopropylbenzene	UG/L			U		10
MW-48	Methyl tert-butyl ether	UG/L			U		10
MW-48	Methylene chloride	UG/L	500	1	J	J	10
MW-48	Styrene	UG/L	500		U		10
MW-48	Tetrachloroethene	UG/L	500		U		10
MW-48	Toluene	UG/L	500	2	J	J	10
MW-48	trans-1,2-Dichloroethene	UG/L			U		10
MW-48	trans-1,3-Dichloropropene	UG/L	500		U		10
MW-48	Trichloroethene	UG/L	500		U		10
MW-48	Trichlorofluoromethane	UG/L			U		10
MW-48	Vinyl chloride	UG/L	500		U	UJ	10
MW-48	Xylenes (total)	UG/L	500		U		10
MW-49	1,1,1-Trichloroethane	UG/L	500		U		10
MW-49	1,1,2,2-Tetrachloroethane	UG/L	500		U		10
MW-49	1,1,2-Trichloroethane	UG/L	500		U		10
MW-49	1,1-Dichloroethane	UG/L	500		U		10
MW-49	1,1-Dichloroethene	UG/L	500		U		10
MW-49	1,2,4-Trichlorobenzene	UG/L	50		U		10
MW-49	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-49	1,2-Dibromoethane	UG/L			U		10
MW-49	1,2-Dichlorobenzene	UG/L	50		U		10
MW-49	1,2-Dichloroethane	UG/L	500		U		10
MW-49	1,2-Dichloropropane	UG/L	500		U		10
MW-49	1,3-Dichlorobenzene	UG/L	50		U		10
MW-49	1,4-Dichlorobenzene	UG/L	50		U		10
MW-49	2-Butanone	UG/L	2,500		U	UJ	10
MW-49	2-Hexanone	UG/L	2,500		U		10
MW-49	4-Methyl-2-pentanone	UG/L	2,500		U		10
MW-49	Acetone	UG/L	2,500		U	UJ	10
MW-49	Benzene	UG/L	6,750	530	D		50
MW-49	Bromodichloromethane	UG/L	500		U		10
MW-49	Bromoform	UG/L	500		U		10
MW-49	Bromomethane	UG/L	500		U		10
MW-49	Carbon disulfide	UG/L	500		U		10
MW-49	Carbon Tetrachloride	UG/L	500		U		10
MW-49	Chlorobenzene	UG/L	500		U		10
MW-49	Chloroethane	UG/L	715	91			10
MW-49	Chloroform	UG/L	500		U		10
MW-49	Chloromethane	UG/L	500		U	UJ	10
MW-49	cis-1,2-Dichloroethene	UG/L			U		10
MW-49	cis-1,3-Dichloropropene	UG/L	500		U		10
MW-49	Dibromochloromethane	UG/L	500		U		10
MW-49	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-49	Ethyl Benzene	UG/L	500		U		10
MW-49	Isopropylbenzene	UG/L			U		10
MW-49	Methyl tert-butyl ether	UG/L			U		10

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Comparison of Results to Baseline Highest Detections
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-49	Methylene chloride	UG/L	450	1	J	J	10
MW-49	Styrene	UG/L	500		U		10
MW-49	Tetrachloroethene	UG/L	500		U		10
MW-49	Toluene	UG/L	500		U		10
MW-49	trans-1,2-Dichloroethene	UG/L			U		10
MW-49	trans-1,3-Dichloropropene	UG/L	500		U		10
MW-49	Trichloroethene	UG/L	500		U		10
MW-49	Trichlorofluoromethane	UG/L			U		10
MW-49	Vinyl chloride	UG/L	500		U	UJ	10
MW-49	Xylenes (total)	UG/L	500		U		10
MW-50	1,1,1-Trichloroethane	UG/L	10		U		10
MW-50	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-50	1,1,2-Trichloroethane	UG/L	10		U		10
MW-50	1,1-Dichloroethane	UG/L	10		U		10
MW-50	1,1-Dichloroethene	UG/L	10		U		10
MW-50	1,2,4-Trichlorobenzene	UG/L	60		U		10
MW-50	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-50	1,2-Dibromoethane	UG/L			U		10
MW-50	1,2-Dichlorobenzene	UG/L	60		U		10
MW-50	1,2-Dichloroethane	UG/L	10		U		10
MW-50	1,2-Dichloropropane	UG/L	10		U		10
MW-50	1,3-Dichlorobenzene	UG/L	60		U		10
MW-50	1,4-Dichlorobenzene	UG/L	60		U		10
MW-50	2-Butanone	UG/L	10		U		10
MW-50	2-Hexanone	UG/L	10		U		10
MW-50	4-Methyl-2-pentanone	UG/L	10		U		10
MW-50	Acetone	UG/L	10	1	JB	J	10
MW-50	Benzene	UG/L	10		U		10
MW-50	Bromodichloromethane	UG/L	10		U		10
MW-50	Bromoform	UG/L	10		U		10
MW-50	Bromomethane	UG/L	10		U		10
MW-50	Carbon disulfide	UG/L	10		U		10
MW-50	Carbon Tetrachloride	UG/L	10		U		10
MW-50	Chlorobenzene	UG/L	10		U		10
MW-50	Chloroethane	UG/L	10		U		10
MW-50	Chloroform	UG/L	10		U		10
MW-50	Chloromethane	UG/L	10		U		10
MW-50	cis-1,2-Dichloroethene	UG/L			U		10
MW-50	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-50	Dibromochloromethane	UG/L	10		U		10
MW-50	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-50	Ethyl Benzene	UG/L	10		U		10
MW-50	Isopropylbenzene	UG/L			U		10
MW-50	Methyl tert-butyl ether	UG/L			U		10
MW-50	Methylene chloride	UG/L	10	2	JB	J	10
MW-50	Styrene	UG/L	10		U		10

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Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-50	Tetrachloroethene	UG/L	10		U		10
MW-50	Toluene	UG/L	10		U		10
MW-50	trans-1,2-Dichloroethene	UG/L			U		10
MW-50	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-50	Trichloroethene	UG/L	10		U		10
MW-50	Trichlorofluoromethane	UG/L			U		10
MW-50	Vinyl chloride	UG/L	10		U		10
MW-50	Xylenes (total)	UG/L	10		U		10
MW-51	1,1,1-Trichloroethane	UG/L	100		U		10
MW-51	1,1,2,2-Tetrachloroethane	UG/L	100		U		10
MW-51	1,1,2-Trichloroethane	UG/L	100		U		10
MW-51	1,1-Dichloroethane	UG/L	100		U		10
MW-51	1,1-Dichloroethene	UG/L	100		U		10
MW-51	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-51	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-51	1,2-Dibromoethane	UG/L			U		10
MW-51	1,2-Dichlorobenzene	UG/L	10		U		10
MW-51	1,2-Dichloroethane	UG/L	100		U		10
MW-51	1,2-Dichloropropane	UG/L	100		U		10
MW-51	1,3-Dichlorobenzene	UG/L	10		U		10
MW-51	1,4-Dichlorobenzene	UG/L	10		U		10
MW-51	2-Butanone	UG/L	100		U		10
MW-51	2-Hexanone	UG/L	100		U		10
MW-51	4-Methyl-2-pentanone	UG/L	100		U		10
MW-51	Acetone	UG/L	100		U		10
MW-51	Benzene	UG/L	100		U		10
MW-51	Bromodichloromethane	UG/L	100		U		10
MW-51	Bromoform	UG/L	100		U		10
MW-51	Bromomethane	UG/L	100		U	UJ	10
MW-51	Carbon disulfide	UG/L	100		U		10
MW-51	Carbon Tetrachloride	UG/L	100		U		10
MW-51	Chlorobenzene	UG/L	100		U		10
MW-51	Chloroethane	UG/L	100		U	UJ	10
MW-51	Chloroform	UG/L	100		U		10
MW-51	Chloromethane	UG/L	100		U		10
MW-51	cis-1,2-Dichloroethene	UG/L			U		10
MW-51	cis-1,3-Dichloropropene	UG/L	100		U		10
MW-51	Dibromochloromethane	UG/L	100		U		10
MW-51	Dichlorodifluoromethane	UG/L			U		10
MW-51	Ethyl Benzene	UG/L	100		U		10
MW-51	Isopropylbenzene	UG/L			U		10
MW-51	Methyl tert-butyl ether	UG/L			U		10
MW-51	Methylene chloride	UG/L	100	4	J	J	10
MW-51	Styrene	UG/L	100		U		10
MW-51	Tetrachloroethene	UG/L	100		U		10
MW-51	Toluene	UG/L	100		U		10

BOLD = Exceedance
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CAS/cas/DMD/CAS
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1252042.221601

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-51	trans-1,2-Dichloroethene	UG/L			U		10
MW-51	trans-1,3-Dichloropropene	UG/L	100		U		10
MW-51	Trichloroethene	UG/L	100		U		10
MW-51	Trichlorofluoromethane	UG/L			U		10
MW-51	Vinyl chloride	UG/L	100		U		10
MW-51	Xylenes (total)	UG/L	100		U		10
MW-52	1,1,1-Trichloroethane	UG/L	100		U		10
MW-52	1,1,2,2-Tetrachloroethane	UG/L	100		U		10
MW-52	1,1,2-Trichloroethane	UG/L	100		U		10
MW-52	1,1-Dichloroethane	UG/L	100		U		10
MW-52	1,1-Dichloroethene	UG/L	100		U		10
MW-52	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-52	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-52	1,2-Dibromoethane	UG/L			U		10
MW-52	1,2-Dichlorobenzene	UG/L	10		U		10
MW-52	1,2-Dichloroethane	UG/L	100		U		10
MW-52	1,2-Dichloropropane	UG/L	100		U		10
MW-52	1,3-Dichlorobenzene	UG/L	10		U		10
MW-52	1,4-Dichlorobenzene	UG/L	10		U		10
MW-52	2-Butanone	UG/L	100		U		10
MW-52	2-Hexanone	UG/L	100		U		10
MW-52	4-Methyl-2-pentanone	UG/L	100		U		10
MW-52	Acetone	UG/L	100		U	UJ	10
MW-52	Benzene	UG/L	100		U		10
MW-52	Bromodichloromethane	UG/L	100		U		10
MW-52	Bromoform	UG/L	100		U		10
MW-52	Bromomethane	UG/L	100		U		10
MW-52	Carbon disulfide	UG/L	100		U		10
MW-52	Carbon Tetrachloride	UG/L	100		U		10
MW-52	Chlorobenzene	UG/L	100		U		10
MW-52	Chloroethane	UG/L	100		U		10
MW-52	Chloroform	UG/L	100		U		10
MW-52	Chloromethane	UG/L	100		U	UJ	10
MW-52	cis-1,2-Dichloroethene	UG/L			U		10
MW-52	cis-1,3-Dichloropropene	UG/L	100		U		10
MW-52	Dibromochloromethane	UG/L	100		U		10
MW-52	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-52	Ethyl Benzene	UG/L	100		U		10
MW-52	Isopropylbenzene	UG/L			U		10
MW-52	Methyl tert-butyl ether	UG/L			U		10
MW-52	Methylene chloride	UG/L	100		U		10
MW-52	Styrene	UG/L	100		U		10
MW-52	Tetrachloroethene	UG/L	100		U		10
MW-52	Toluene	UG/L	100		U		10
MW-52	trans-1,2-Dichloroethene	UG/L			U		10
MW-52	trans-1,3-Dichloropropene	UG/L	100		U		10

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Comparison of Results to Baseline Highest Detections
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American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-52	Trichloroethene	UG/L	100		U		10
MW-52	Trichlorofluoromethane	UG/L			U		10
MW-52	Vinyl chloride	UG/L	100		U	UJ	10
MW-52	Xylenes (total)	UG/L	100		U		10
MW-53	1,1,1-Trichloroethane	UG/L	10		U		10
MW-53	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-53	1,1,2-Trichloroethane	UG/L	10		U		10
MW-53	1,1-Dichloroethane	UG/L	10		U		10
MW-53	1,1-Dichloroethene	UG/L	10		U		10
MW-53	1,2,4-Trichlorobenzene	UG/L	15		U		10
MW-53	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-53	1,2-Dibromoethane	UG/L			U		10
MW-53	1,2-Dichlorobenzene	UG/L	15		U		10
MW-53	1,2-Dichloroethane	UG/L	10		U		10
MW-53	1,2-Dichloropropane	UG/L	10		U		10
MW-53	1,3-Dichlorobenzene	UG/L	15		U		10
MW-53	1,4-Dichlorobenzene	UG/L	15		U		10
MW-53	2-Butanone	UG/L	10		U		10
MW-53	2-Hexanone	UG/L	10		U		10
MW-53	4-Methyl-2-pentanone	UG/L	10	1	J	J	10
MW-53	Acetone	UG/L	16	4	J	J	10
MW-53	Benzene	UG/L	10	4	J	J	10
MW-53	Bromodichloromethane	UG/L	10		U		10
MW-53	Bromoform	UG/L	10		U		10
MW-53	Bromomethane	UG/L	10		U		10
MW-53	Carbon disulfide	UG/L	10		U		10
MW-53	Carbon Tetrachloride	UG/L	10		U		10
MW-53	Chlorobenzene	UG/L	10		U		10
MW-53	Chloroethane	UG/L	10		U		10
MW-53	Chloroform	UG/L	10		U		10
MW-53	Chloromethane	UG/L	10		U	UJ	10
MW-53	cis-1,2-Dichloroethene	UG/L			U		10
MW-53	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-53	Dibromochloromethane	UG/L	10		U		10
MW-53	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-53	Ethyl Benzene	UG/L	10		U		10
MW-53	Isopropylbenzene	UG/L			U		10
MW-53	Methyl tert-butyl ether	UG/L			U		10
MW-53	Methylene chloride	UG/L	10		U		10
MW-53	Styrene	UG/L	10		U		10
MW-53	Tetrachloroethene	UG/L	10		U		10
MW-53	Toluene	UG/L	10		U		10
MW-53	trans-1,2-Dichloroethene	UG/L			U		10
MW-53	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-53	Trichloroethene	UG/L	10		U		10
MW-53	Trichlorofluoromethane	UG/L			U		10

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Comparison of Results to Baseline Highest Detections
March 2000
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Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-53	Vinyl chloride	UG/L	10		U	UJ	10
MW-53	Xylenes (total)	UG/L	10		U		10
MW-54R	1,1,1-Trichloroethane	UG/L	10		U		10
MW-54R	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-54R	1,1,2-Trichloroethane	UG/L	10		U		10
MW-54R	1,1-Dichloroethane	UG/L	10		U		10
MW-54R	1,1-Dichloroethene	UG/L	10		U		10
MW-54R	1,2,4-Trichlorobenzene	UG/L	30		U		10
MW-54R	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-54R	1,2-Dibromoethane	UG/L			U		10
MW-54R	1,2-Dichlorobenzene	UG/L	30		U		10
MW-54R	1,2-Dichloroethane	UG/L	10		U		10
MW-54R	1,2-Dichloropropane	UG/L	10		U		10
MW-54R	1,3-Dichlorobenzene	UG/L	30		U		10
MW-54R	1,4-Dichlorobenzene	UG/L	30		U		10
MW-54R	2-Butanone	UG/L	10		U		10
MW-54R	2-Hexanone	UG/L	10		U		10
MW-54R	4-Methyl-2-pentanone	UG/L	10		U		10
MW-54R	Acetone	UG/L	10		U	UJ	10
MW-54R	Benzene	UG/L	10		U		10
MW-54R	Bromodichloromethane	UG/L	10		U		10
MW-54R	Bromoform	UG/L	10		U		10
MW-54R	Bromomethane	UG/L	10		U		10
MW-54R	Carbon disulfide	UG/L	10		U		10
MW-54R	Carbon Tetrachloride	UG/L	10		U		10
MW-54R	Chlorobenzene	UG/L	10		U		10
MW-54R	Chloroethane	UG/L	10		U	UJ	10
MW-54R	Chloroform	UG/L	10		U		10
MW-54R	Chloromethane	UG/L	10		U		10
MW-54R	cis-1,2-Dichloroethene	UG/L			U		10
MW-54R	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-54R	Dibromochloromethane	UG/L	10		U		10
MW-54R	Dichlorodifluoromethane	UG/L			U	UJ	10
MW-54R	Ethyl Benzene	UG/L	10		U		10
MW-54R	Isopropylbenzene	UG/L			U		10
MW-54R	Methyl tert-butyl ether	UG/L			U		10
MW-54R	Methylene chloride	UG/L	10		U		10
MW-54R	Styrene	UG/L	10		U		10
MW-54R	Tetrachloroethene	UG/L	10		U		10
MW-54R	Toluene	UG/L	10		U		10
MW-54R	trans-1,2-Dichloroethene	UG/L			U		10
MW-54R	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-54R	Trichloroethene	UG/L	10		U		10
MW-54R	Trichlorofluoromethane	UG/L			U		10
MW-54R	Vinyl chloride	UG/L	10		U		10
MW-54R	Xylenes (total)	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-55	1,1,1-Trichloroethane	UG/L	10		U		10
MW-55	1,1,2,2-Tetrachloroethane	UG/L	10		U		10
MW-55	1,1,2-Trichloroethane	UG/L	10		U		10
MW-55	1,1-Dichloroethane	UG/L	10		U		10
MW-55	1,1-Dichloroethene	UG/L	10		U		10
MW-55	1,2,4-Trichlorobenzene	UG/L	10		U		10
MW-55	1,2-Dibromo-3-chloropropane	UG/L			U		10
MW-55	1,2-Dibromoethane	UG/L			U		10
MW-55	1,2-Dichlorobenzene	UG/L	10		U		10
MW-55	1,2-Dichloroethane	UG/L	10		U		10
MW-55	1,2-Dichloropropane	UG/L	10		U		10
MW-55	1,3-Dichlorobenzene	UG/L	10		U		10
MW-55	1,4-Dichlorobenzene	UG/L	10		U		10
MW-55	2-Butanone	UG/L	10		U		10
MW-55	2-Hexanone	UG/L	10		U		10
MW-55	4-Methyl-2-pentanone	UG/L	10		U		10
MW-55	Acetone	UG/L	10		U	UJ	10
MW-55	Benzene	UG/L	10		U		10
MW-55	Bromodichloromethane	UG/L	10		U		10
MW-55	Bromoform	UG/L	10		U		10
MW-55	Bromomethane	UG/L	10		U		10
MW-55	Carbon disulfide	UG/L	10		U	UJ	10
MW-55	Carbon Tetrachloride	UG/L	10		U		10
MW-55	Chlorobenzene	UG/L	10		U		10
MW-55	Chloroethane	UG/L	10		U		10
MW-55	Chloroform	UG/L	10		U		10
MW-55	Chloromethane	UG/L	10		U		10
MW-55	cis-1,2-Dichloroethene	UG/L			U		10
MW-55	cis-1,3-Dichloropropene	UG/L	10		U		10
MW-55	Dibromochloromethane	UG/L	10		U		10
MW-55	Dichlorodifluoromethane	UG/L			U		10
MW-55	Ethyl Benzene	UG/L	10		U		10
MW-55	Isopropylbenzene	UG/L			U		10
MW-55	Methyl tert-butyl ether	UG/L			U		10
MW-55	Methylene chloride	UG/L	10		U		10
MW-55	Styrene	UG/L	10		U		10
MW-55	Tetrachloroethene	UG/L	10		U		10
MW-55	Toluene	UG/L	10		U		10
MW-55	trans-1,2-Dichloroethene	UG/L			U		10
MW-55	trans-1,3-Dichloropropene	UG/L	10		U		10
MW-55	Trichloroethene	UG/L	10		U		10
MW-55	Trichlorofluoromethane	UG/L			U		10
MW-55	Vinyl chloride	UG/L	10		U		10
MW-55	Xylenes (total)	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
ATMW-4D	2,2'-oxybis(1-Chloropropane)	UG/L		1.25	J	J	0.02
ATMW-4D	2,4,5-Trichlorophenol	UG/L			U		25
ATMW-4D	2,4,6-Trichlorophenol	UG/L			U		10
ATMW-4D	2,4-Dichlorophenol	UG/L			U		10
ATMW-4D	2,4-Dimethylphenol	UG/L			U		10
ATMW-4D	2,4-Dinitrophenol	UG/L			U	UJ	25
ATMW-4D	2,4-Dinitrotoluene	UG/L			U		10
ATMW-4D	2,6-Dinitrotoluene	UG/L			U		10
ATMW-4D	2-Chloronaphthalene	UG/L			U		10
ATMW-4D	2-Chlorophenol	UG/L			U		10
ATMW-4D	2-Methylnaphthalene	UG/L			U		10
ATMW-4D	2-Methylphenol	UG/L			U		10
ATMW-4D	2-Nitroaniline	UG/L			U		25
ATMW-4D	2-Nitrophenol	UG/L			U		10
ATMW-4D	3,3'-Dichlorobenzidine	UG/L			U		10
ATMW-4D	3-Nitroaniline	UG/L			U		25
ATMW-4D	4,6-Dinitro-2-methylphenol	UG/L			U		25
ATMW-4D	4-Bromophenyl-phenylether	UG/L			U		10
ATMW-4D	4-Chloro-3-methylphenol	UG/L			U		10
ATMW-4D	4-Chloroaniline	UG/L			U		10
ATMW-4D	4-Chlorophenyl-phenyl ether	UG/L			U		10
ATMW-4D	4-Methylphenol	UG/L			U		10
ATMW-4D	4-Nitroaniline	UG/L			U		25
ATMW-4D	4-Nitrophenol	UG/L			U		25
ATMW-4D	Acenaphthene	UG/L			U		10
ATMW-4D	Acenaphthylene	UG/L			U		10
ATMW-4D	Acetophenone	UG/L			U		10
ATMW-4D	Anthracene	UG/L			U		10
ATMW-4D	Benzo(a)anthracene	UG/L			U		10
ATMW-4D	Benzo(a)pyrene	UG/L			U		10
ATMW-4D	Benzo(b)fluoranthene	UG/L			U		10
ATMW-4D	Benzo(g,h,i)perylene	UG/L			U		10
ATMW-4D	Benzo(k)fluoranthene	UG/L			U		10
ATMW-4D	Bis(2-chloroethoxy)methane	UG/L			U		10
ATMW-4D	bis(2-chloroethyl) ether	UG/L		15.08			0.02
ATMW-4D	Bis(2-ethylhexyl)phthalate	UG/L		1.91	J	J	0.02
ATMW-4D	Butylbenzylphthalate	UG/L			U		10
ATMW-4D	Carbazole	UG/L			U		10
ATMW-4D	Chrysene	UG/L			U		10
ATMW-4D	Di-n-butylphthalate	UG/L			U		10
ATMW-4D	Di-n-octylphthalate	UG/L			U		10
ATMW-4D	Dibenzo(a,h)anthracene	UG/L			U		10
ATMW-4D	Dibenzofuran	UG/L			U		10
ATMW-4D	Diethylphthalate	UG/L			U		10
ATMW-4D	Dimethylphthalate	UG/L			U		10
ATMW-4D	Fluoranthene	UG/L			U		10

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Comparison of Results to Baseline Highest Detections
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Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
ATMW-4D	Fluorene	UG/L			U		10
ATMW-4D	Hexachlorobenzene	UG/L			U		10
ATMW-4D	Hexachlorobutadiene	UG/L			U		10
ATMW-4D	Hexachlorocyclopentadiene	UG/L			U		10
ATMW-4D	Hexachloroethane	UG/L			U		10
ATMW-4D	Indeno(1,2,3-cd)pyrene	UG/L			U		10
ATMW-4D	Isophorone	UG/L			U		10
ATMW-4D	N-Nitroso-di-n-propylamine	UG/L			U		10
ATMW-4D	N-Nitrosodiphenylamine	UG/L			U		10
ATMW-4D	Naphthalene	UG/L			U		10
ATMW-4D	Nitrobenzene	UG/L			U		10
ATMW-4D	Pentachlorophenol	UG/L			U		25
ATMW-4D	Phenanthrene	UG/L			U		10
ATMW-4D	Phenol	UG/L		2.44	J	J	0.02
ATMW-4D	Pyrene	UG/L			U		10
M-4S	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
M-4S	2,4,5-Trichlorophenol	UG/L	25		U		25
M-4S	2,4,6-Trichlorophenol	UG/L	10		U		10
M-4S	2,4-Dichlorophenol	UG/L	10		U		10
M-4S	2,4-Dimethylphenol	UG/L	10		U		10
M-4S	2,4-Dinitrophenol	UG/L	25		U	UJ	25
M-4S	2,4-Dinitrotoluene	UG/L	10		U		10
M-4S	2,6-Dinitrotoluene	UG/L	10		U		10
M-4S	2-Chloronaphthalene	UG/L	10		U		10
M-4S	2-Chlorophenol	UG/L	10		U		10
M-4S	2-Methylnaphthalene	UG/L	10		U		10
M-4S	2-Methylphenol	UG/L	10		U		10
M-4S	2-Nitroaniline	UG/L	25		U		25
M-4S	2-Nitrophenol	UG/L	10		U		10
M-4S	3,3'-Dichlorobenzidine	UG/L	10		U		10
M-4S	3-Nitroaniline	UG/L	25		U		25
M-4S	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
M-4S	4-Bromophenyl-phenylether	UG/L	10		U		10
M-4S	4-Chloro-3-methylphenol	UG/L	10		U		10
M-4S	4-Chloroaniline	UG/L	10		U		10
M-4S	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
M-4S	4-Methylphenol	UG/L	10		U		10
M-4S	4-Nitroaniline	UG/L	25		U		25
M-4S	4-Nitrophenol	UG/L	25		U		25
M-4S	Acenaphthene	UG/L	10		U		10
M-4S	Acenaphthylene	UG/L	10		U		10
M-4S	Acetophenone	UG/L			U		10
M-4S	Anthracene	UG/L	10		U		10
M-4S	Benzo(a)anthracene	UG/L	10		U		10
M-4S	Benzo(a)pyrene	UG/L	10		U		10
M-4S	Benzo(b)fluoranthene	UG/L	10		U		10

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NA = Not Applicable

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
M-4S	Benzo(g,h,i)perylene	UG/L	10		U		10
M-4S	Benzo(k)fluoranthene	UG/L	10		U		10
M-4S	Bis(2-chloroethoxy)methane	UG/L	10		U		10
M-4S	bis(2-chloroethyl) ether	UG/L	71	53.58	D		0.02
M-4S	Bis(2-ethylhexyl)phthalate	UG/L	10	1	J	J	0.009
M-4S	Butylbenzylphthalate	UG/L	10		U		10
M-4S	Carbazole	UG/L	10		U		10
M-4S	Chrysene	UG/L	10		U		10
M-4S	Di-n-butylphthalate	UG/L	10		U		10
M-4S	Di-n-octylphthalate	UG/L	10		U		10
M-4S	Dibenzo(a,h)anthracene	UG/L	10		U		10
M-4S	Dibenzofuran	UG/L	10		U		10
M-4S	Diethylphthalate	UG/L	10		U		10
M-4S	Dimethylphthalate	UG/L	10		U		10
M-4S	Fluoranthene	UG/L	10		U		10
M-4S	Fluorene	UG/L	10		U		10
M-4S	Hexachlorobenzene	UG/L	10		U		10
M-4S	Hexachlorobutadiene	UG/L	10		U		10
M-4S	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
M-4S	Hexachloroethane	UG/L	10		U		10
M-4S	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
M-4S	Isophorone	UG/L	10		U		10
M-4S	N-Nitroso-di-n-propylamine	UG/L	10		U		10
M-4S	N-Nitrosodiphenylamine	UG/L	10		U		10
M-4S	Naphthalene	UG/L	10		U		10
M-4S	Nitrobenzene	UG/L	10		U	UJ	10
M-4S	Pentachlorophenol	UG/L	25		U		25
M-4S	Phenanthrene	UG/L	10		U		10
M-4S	Phenol	UG/L	25		U		10
M-4S	Pyrene	UG/L	10		U		10
MW-06	2,2'-oxybis(1-Chloropropane)	UG/L	20		U		10
MW-06	2,4,5-Trichlorophenol	UG/L	50		U		25
MW-06	2,4,6-Trichlorophenol	UG/L	20		U		10
MW-06	2,4-Dichlorophenol	UG/L	20		U		10
MW-06	2,4-Dimethylphenol	UG/L	20	**28**			0.009
MW-06	2,4-Dinitrophenol	UG/L	50		U	UJ	25
MW-06	2,4-Dinitrotoluene	UG/L	20		U		10
MW-06	2,6-Dinitrotoluene	UG/L	20		U		10
MW-06	2-Chloronaphthalene	UG/L	20		U		10
MW-06	2-Chlorophenol	UG/L	20		U		10
MW-06	2-Methylnaphthalene	UG/L	20		U		10
MW-06	2-Methylphenol	UG/L	20		U		10
MW-06	2-Nitroaniline	UG/L	50		U		25
MW-06	2-Nitrophenol	UG/L	20		U		10
MW-06	3,3'-Dichlorobenzidine	UG/L	20		U		10
MW-06	3-Nitroaniline	UG/L	50		U		25

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-06	4,6-Dinitro-2-methylphenol	UG/L	50		U	UJ	25
MW-06	4-Bromophenyl-phenylether	UG/L	20		U		10
MW-06	4-Chloro-3-methylphenol	UG/L	20		U		10
MW-06	4-Chloroaniline	UG/L	20		U		10
MW-06	4-Chlorophenyl-phenyl ether	UG/L	20		U		10
MW-06	4-Methylphenol	UG/L	20		U		10
MW-06	4-Nitroaniline	UG/L	50		U		25
MW-06	4-Nitrophenol	UG/L	50		U		25
MW-06	Acenaphthene	UG/L	20		U		10
MW-06	Acenaphthylene	UG/L	20		U		10
MW-06	Acetophenone	UG/L			U		10
MW-06	Anthracene	UG/L	20		U		10
MW-06	Benzo(a)anthracene	UG/L	20		U		10
MW-06	Benzo(a)pyrene	UG/L	20		U		10
MW-06	Benzo(b)fluoranthene	UG/L	20		U		10
MW-06	Benzo(g,h,i)perylene	UG/L	20		U		10
MW-06	Benzo(k)fluoranthene	UG/L	20		U		10
MW-06	Bis(2-chloroethoxy)methane	UG/L	20		U		10
MW-06	bis(2-chloroethyl) ether	UG/L	56	**69**			0.009
MW-06	Bis(2-ethylhexyl)phthalate	UG/L	20	11		J	0.009
MW-06	Butylbenzylphthalate	UG/L	20		U	UJ	10
MW-06	Carbazole	UG/L	20		U		10
MW-06	Chrysene	UG/L	20		U		10
MW-06	Di-n-butylphthalate	UG/L	20		U		10
MW-06	Di-n-octylphthalate	UG/L	20		U		10
MW-06	Dibenzo(a,h)anthracene	UG/L	20		U		10
MW-06	Dibenzofuran	UG/L	20		U		10
MW-06	Diethylphthalate	UG/L	20		U		10
MW-06	Dimethylphthalate	UG/L	20		U		10
MW-06	Fluoranthene	UG/L	20		U		10
MW-06	Fluorene	UG/L	20		U		10
MW-06	Hexachlorobenzene	UG/L	20		U		10
MW-06	Hexachlorobutadiene	UG/L	20		U		10
MW-06	Hexachlorocyclopentadiene	UG/L	20		U		10
MW-06	Hexachloroethane	UG/L	20		U		10
MW-06	Indeno(1,2,3-cd)pyrene	UG/L	20		U		10
MW-06	Isophorone	UG/L	20	5	J	J	0.009
MW-06	N-Nitroso-di-n-propylamine	UG/L	20		U		10
MW-06	N-Nitrosodiphenylamine	UG/L	20		U		10
MW-06	Naphthalene	UG/L	20		U		10
MW-06	Nitrobenzene	UG/L	20		U		10
MW-06	Pentachlorophenol	UG/L	50		U	UJ	25
MW-06	Phenanthrene	UG/L	20		U		10
MW-06	Phenol	UG/L	60		U		10
MW-06	Pyrene	UG/L	20		U	UJ	10
MW-08	2,2'-oxybis(1-Chloropropane)	UG/L	20		U		10

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Comparison of Results to Baseline Highest Detections
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-08	2,4,5-Trichlorophenol	UG/L	50		U		25
MW-08	2,4,6-Trichlorophenol	UG/L	20		U		10
MW-08	2,4-Dichlorophenol	UG/L	20		U		10
MW-08	2,4-Dimethylphenol	UG/L	20		U		10
MW-08	2,4-Dinitrophenol	UG/L	50		U	UJ	25
MW-08	2,4-Dinitrotoluene	UG/L	20		U		10
MW-08	2,6-Dinitrotoluene	UG/L	20		U		10
MW-08	2-Chloronaphthalene	UG/L	20		U		10
MW-08	2-Chlorophenol	UG/L	20		U		10
MW-08	2-Methylnaphthalene	UG/L	20		U		10
MW-08	2-Methylphenol	UG/L	20		U		10
MW-08	2-Nitroaniline	UG/L	50		U		25
MW-08	2-Nitrophenol	UG/L	20		U		10
MW-08	3,3'-Dichlorobenzidine	UG/L	20		U		10
MW-08	3-Nitroaniline	UG/L	50		U		25
MW-08	4,6-Dinitro-2-methylphenol	UG/L	50		U		25
MW-08	4-Bromophenyl-phenylether	UG/L	20		U		10
MW-08	4-Chloro-3-methylphenol	UG/L	20		U		10
MW-08	4-Chloroaniline	UG/L	20		U		10
MW-08	4-Chlorophenyl-phenyl ether	UG/L	20		U		10
MW-08	4-Methylphenol	UG/L	20		U		10
MW-08	4-Nitroaniline	UG/L	50		U		25
MW-08	4-Nitrophenol	UG/L	50		U		25
MW-08	Acenaphthene	UG/L	20		U		10
MW-08	Acenaphthylene	UG/L	20		U		10
MW-08	Acetophenone	UG/L			U		10
MW-08	Anthracene	UG/L	20		U		10
MW-08	Benzo(a)anthracene	UG/L	20		U		10
MW-08	Benzo(a)pyrene	UG/L	20		U		10
MW-08	Benzo(b)fluoranthene	UG/L	20		U		10
MW-08	Benzo(g,h,i)perylene	UG/L	20		U		10
MW-08	Benzo(k)fluoranthene	UG/L	20		U		10
MW-08	Bis(2-chloroethoxy)methane	UG/L	20		U		10
MW-08	bis(2-chloroethyl) ether	UG/L	20		U		10
MW-08	Bis(2-ethylhexyl)phthalate	UG/L	20	2	JB	J	0.009
MW-08	Butylbenzylphthalate	UG/L	20		U		10
MW-08	Carbazole	UG/L	20		U		10
MW-08	Chrysene	UG/L	20		U		10
MW-08	Di-n-butylphthalate	UG/L	20		U		10
MW-08	Di-n-octylphthalate	UG/L	20		U		10
MW-08	Dibenzo(a,h)anthracene	UG/L	20		U		10
MW-08	Dibenzofuran	UG/L	20		U		10
MW-08	Diethylphthalate	UG/L	20		U		10
MW-08	Dimethylphthalate	UG/L	20		U		10
MW-08	Fluoranthene	UG/L	20		U		10
MW-08	Fluorene	UG/L	20		U		10

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Comparison of Results to Baseline Highest Detections
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American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-08	Hexachlorobenzene	UG/L	20		U		10
MW-08	Hexachlorobutadiene	UG/L	20		U		10
MW-08	Hexachlorocyclopentadiene	UG/L	20		U	UJ	10
MW-08	Hexachloroethane	UG/L	20		U		10
MW-08	Indeno(1,2,3-cd)pyrene	UG/L	20		U		10
MW-08	Isophorone	UG/L	20		U		10
MW-08	N-Nitroso-di-n-propylamine	UG/L	20		U		10
MW-08	N-Nitrosodiphenylamine	UG/L	20		U		10
MW-08	Naphthalene	UG/L	20		U		10
MW-08	Nitrobenzene	UG/L	20		U	UJ	10
MW-08	Pentachlorophenol	UG/L	50		U		25
MW-08	Phenanthrene	UG/L	20		U		10
MW-08	Phenol	UG/L	140		U		10
MW-08	Pyrene	UG/L	20		U		10
MW-09R	2,2'-oxybis(1-Chloropropane)	UG/L	50		U		10
MW-09R	2,4,5-Trichlorophenol	UG/L	125		U		25
MW-09R	2,4,6-Trichlorophenol	UG/L	50		U		10
MW-09R	2,4-Dichlorophenol	UG/L	50		U		10
MW-09R	2,4-Dimethylphenol	UG/L	50		U		10
MW-09R	2,4-Dinitrophenol	UG/L	125		U		25
MW-09R	2,4-Dinitrotoluene	UG/L	50		U		10
MW-09R	2,6-Dinitrotoluene	UG/L	50		U		10
MW-09R	2-Chloronaphthalene	UG/L	50		U		10
MW-09R	2-Chlorophenol	UG/L	50		U		10
MW-09R	2-Methylnaphthalene	UG/L	50		U		10
MW-09R	2-Methylphenol	UG/L	50		U		10
MW-09R	2-Nitroaniline	UG/L	125		U		25
MW-09R	2-Nitrophenol	UG/L	50		U		10
MW-09R	3,3'-Dichlorobenzidine	UG/L	50		U		10
MW-09R	3-Nitroaniline	UG/L	125		U		25
MW-09R	4,6-Dinitro-2-methylphenol	UG/L	125		U		25
MW-09R	4-Bromophenyl-phenylether	UG/L	50		U		10
MW-09R	4-Chloro-3-methylphenol	UG/L	50		U		10
MW-09R	4-Chloroaniline	UG/L	50		U		10
MW-09R	4-Chlorophenyl-phenyl ether	UG/L	50		U		10
MW-09R	4-Methylphenol	UG/L	50		U		10
MW-09R	4-Nitroaniline	UG/L	125		U	UJ	25
MW-09R	4-Nitrophenol	UG/L	125		U		25
MW-09R	Acenaphthene	UG/L	50		U		10
MW-09R	Acenaphthylene	UG/L	50		U		10
MW-09R	Acetophenone	UG/L			U		10
MW-09R	Anthracene	UG/L	50		U		10
MW-09R	Benzo(a)anthracene	UG/L	50		U		10
MW-09R	Benzo(a)pyrene	UG/L	50		U		10
MW-09R	Benzo(b)fluoranthene	UG/L	50		U		10
MW-09R	Benzo(g,h,i)perylene	UG/L	50		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-09R	Benzo(k)fluoranthene	UG/L	50		U		10
MW-09R	Bis(2-chloroethoxy)methane	UG/L	50		U		10
MW-09R	bis(2-chloroethyl) ether	UG/L	50	15			0.009
MW-09R	Bis(2-ethylhexyl)phthalate	UG/L	50	1	JB	J	0.009
MW-09R	Butylbenzylphthalate	UG/L	50		U		10
MW-09R	Carbazole	UG/L	50		U		10
MW-09R	Chrysene	UG/L	50		U		10
MW-09R	Di-n-butylphthalate	UG/L	50		U		10
MW-09R	Di-n-octylphthalate	UG/L	50		U		10
MW-09R	Dibenzo(a,h)anthracene	UG/L	50		U		10
MW-09R	Dibenzofuran	UG/L	50		U		10
MW-09R	Diethylphthalate	UG/L	50		U		10
MW-09R	Dimethylphthalate	UG/L	50		U		10
MW-09R	Fluoranthene	UG/L	50		U		10
MW-09R	Fluorene	UG/L	50		U		10
MW-09R	Hexachlorobenzene	UG/L	50		U		10
MW-09R	Hexachlorobutadiene	UG/L	50		U		10
MW-09R	Hexachlorocyclopentadiene	UG/L	50		U	UJ	10
MW-09R	Hexachloroethane	UG/L	50		U		10
MW-09R	Indeno(1,2,3-cd)pyrene	UG/L	50		U		10
MW-09R	Isophorone	UG/L	50		U		10
MW-09R	N-Nitroso-di-n-propylamine	UG/L	50		U		10
MW-09R	N-Nitrosodiphenylamine	UG/L	50		U		10
MW-09R	Naphthalene	UG/L	50		U		10
MW-09R	Nitrobenzene	UG/L	50		U		10
MW-09R	Pentachlorophenol	UG/L	125		U		25
MW-09R	Phenanthrene	UG/L	50		U		10
MW-09R	Phenol	UG/L	50	3	J	J	0.009
MW-09R	Pyrene	UG/L	50		U		10
MW-10C	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-10C	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-10C	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-10C	2,4-Dichlorophenol	UG/L	10		U		10
MW-10C	2,4-Dimethylphenol	UG/L	10		U		10
MW-10C	2,4-Dinitrophenol	UG/L	25		U		25
MW-10C	2,4-Dinitrotoluene	UG/L	10		U		10
MW-10C	2,6-Dinitrotoluene	UG/L	10		U		10
MW-10C	2-Chloronaphthalene	UG/L	10		U		10
MW-10C	2-Chlorophenol	UG/L	10		U		10
MW-10C	2-Methylnaphthalene	UG/L	10		U		10
MW-10C	2-Methylphenol	UG/L	10		U		10
MW-10C	2-Nitroaniline	UG/L	25		U		25
MW-10C	2-Nitrophenol	UG/L	10		U		10
MW-10C	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-10C	3-Nitroaniline	UG/L	25		U		25
MW-10C	4,6-Dinitro-2-methylphenol	UG/L	25		U		25

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March 2000
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-10C	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-10C	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-10C	4-Chloroaniline	UG/L	10		U		10
MW-10C	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-10C	4-Methylphenol	UG/L	10		U		10
MW-10C	4-Nitroaniline	UG/L	25		U	UJ	25
MW-10C	4-Nitrophenol	UG/L	25		U		25
MW-10C	Acenaphthene	UG/L	10		U		10
MW-10C	Acenaphthylene	UG/L	10		U		10
MW-10C	Acetophenone	UG/L			U		10
MW-10C	Anthracene	UG/L	10		U		10
MW-10C	Benzo(a)anthracene	UG/L	10		U		10
MW-10C	Benzo(a)pyrene	UG/L	10		U		10
MW-10C	Benzo(b)fluoranthene	UG/L	10		U		10
MW-10C	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-10C	Benzo(k)fluoranthene	UG/L	10		U		10
MW-10C	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-10C	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-10C	Bis(2-ethylhexyl)phthalate	UG/L	10		U		10
MW-10C	Butylbenzylphthalate	UG/L	10		U		10
MW-10C	Carbazole	UG/L	10		U		10
MW-10C	Chrysene	UG/L	10		U		10
MW-10C	Di-n-butylphthalate	UG/L	10		U		10
MW-10C	Di-n-octylphthalate	UG/L	10		U		10
MW-10C	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-10C	Dibenzofuran	UG/L	10		U		10
MW-10C	Diethylphthalate	UG/L	10		U		10
MW-10C	Dimethylphthalate	UG/L	10		U		10
MW-10C	Fluoranthene	UG/L	10		U		10
MW-10C	Fluorene	UG/L	10		U		10
MW-10C	Hexachlorobenzene	UG/L	10		U		10
MW-10C	Hexachlorobutadiene	UG/L	10		U		10
MW-10C	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
MW-10C	Hexachloroethane	UG/L	10		U		10
MW-10C	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-10C	Isophorone	UG/L	10		U		10
MW-10C	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-10C	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-10C	Naphthalene	UG/L	10		U		10
MW-10C	Nitrobenzene	UG/L	10		U		10
MW-10C	Pentachlorophenol	UG/L	25		U		25
MW-10C	Phenanthrene	UG/L	10		U		10
MW-10C	Phenol	UG/L	20		U		10
MW-10C	Pyrene	UG/L	10		U		10
MW-13	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-13	2,4,5-Trichlorophenol	UG/L	25		U		25

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Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-13	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-13	2,4-Dichlorophenol	UG/L	10		U		10
MW-13	2,4-Dimethylphenol	UG/L	10		U		10
MW-13	2,4-Dinitrophenol	UG/L	25		U	UJ	25
MW-13	2,4-Dinitrotoluene	UG/L	10		U		10
MW-13	2,6-Dinitrotoluene	UG/L	10		U		10
MW-13	2-Chloronaphthalene	UG/L	10		U		10
MW-13	2-Chlorophenol	UG/L	10		U		10
MW-13	2-Methylnaphthalene	UG/L	10		U		10
MW-13	2-Methylphenol	UG/L	10		U		10
MW-13	2-Nitroaniline	UG/L	25		U		25
MW-13	2-Nitrophenol	UG/L	10		U		10
MW-13	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-13	3-Nitroaniline	UG/L	25		U		25
MW-13	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
MW-13	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-13	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-13	4-Chloroaniline	UG/L	10		U		10
MW-13	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-13	4-Methylphenol	UG/L	10		U		10
MW-13	4-Nitroaniline	UG/L	25		U		25
MW-13	4-Nitrophenol	UG/L	25		U		25
MW-13	Acenaphthene	UG/L	10		U		10
MW-13	Acenaphthylene	UG/L	10		U		10
MW-13	Acetophenone	UG/L			U		10
MW-13	Anthracene	UG/L	10		U		10
MW-13	Benzo(a)anthracene	UG/L	10		U		10
MW-13	Benzo(a)pyrene	UG/L	10		U		10
MW-13	Benzo(b)fluoranthene	UG/L	10		U		10
MW-13	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-13	Benzo(k)fluoranthene	UG/L	10		U		10
MW-13	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-13	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-13	Bis(2-ethylhexyl)phthalate	UG/L	17		U		10
MW-13	Butylbenzylphthalate	UG/L	10		U		10
MW-13	Carbazole	UG/L	10		U		10
MW-13	Chrysene	UG/L	10		U		10
MW-13	Di-n-butylphthalate	UG/L	10		U		10
MW-13	Di-n-octylphthalate	UG/L	10		U		10
MW-13	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-13	Dibenzofuran	UG/L	10		U		10
MW-13	Diethylphthalate	UG/L	10		U		10
MW-13	Dimethylphthalate	UG/L	10		U		10
MW-13	Fluoranthene	UG/L	10		U		10
MW-13	Fluorene	UG/L	10		U		10
MW-13	Hexachlorobenzene	UG/L	10		U		10

BOLD = Exceedance
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CAS/cas/DMD/CAS
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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-13	Hexachlorobutadiene	UG/L	10		U		10
MW-13	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
MW-13	Hexachloroethane	UG/L	10		U		10
MW-13	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-13	Isophorone	UG/L	10		U		10
MW-13	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-13	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-13	Naphthalene	UG/L	10		U		10
MW-13	Nitrobenzene	UG/L	10		U	UJ	10
MW-13	Pentachlorophenol	UG/L	25		U		25
MW-13	Phenanthrene	UG/L	10		U		10
MW-13	Phenol	UG/L	23		U		10
MW-13	Pyrene	UG/L	10		U		10
MW-14	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-14	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-14	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-14	2,4-Dichlorophenol	UG/L	10		U		10
MW-14	2,4-Dimethylphenol	UG/L	10		U		10
MW-14	2,4-Dinitrophenol	UG/L	25		U		25
MW-14	2,4-Dinitrotoluene	UG/L	10		U		10
MW-14	2,6-Dinitrotoluene	UG/L	10		U		10
MW-14	2-Chloronaphthalene	UG/L	10		U		10
MW-14	2-Chlorophenol	UG/L	10		U		10
MW-14	2-Methylnaphthalene	UG/L	10		U		10
MW-14	2-Methylphenol	UG/L	10		U		10
MW-14	2-Nitroaniline	UG/L	25		U		25
MW-14	2-Nitrophenol	UG/L	10		U		10
MW-14	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-14	3-Nitroaniline	UG/L	25		U		25
MW-14	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
MW-14	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-14	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-14	4-Chloroaniline	UG/L	10		U		10
MW-14	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-14	4-Methylphenol	UG/L	10		U		10
MW-14	4-Nitroaniline	UG/L	25		U		25
MW-14	4-Nitrophenol	UG/L	25		U		25
MW-14	Acenaphthene	UG/L	10		U		10
MW-14	Acenaphthylene	UG/L	10		U		10
MW-14	Acetophenone	UG/L			U		10
MW-14	Anthracene	UG/L	10		U		10
MW-14	Benzo(a)anthracene	UG/L	10		U		10
MW-14	Benzo(a)pyrene	UG/L	10		U		10
MW-14	Benzo(b)fluoranthene	UG/L	10		U		10
MW-14	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-14	Benzo(k)fluoranthene	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-14	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-14	bis(2-chloroethyl) ether	UG/L	12	4	J	J	0.009
MW-14	Bis(2-ethylhexyl)phthalate	UG/L	11	3	J	J	0.009
MW-14	Butylbenzylphthalate	UG/L	10		U		10
MW-14	Carbazole	UG/L	10		U		10
MW-14	Chrysene	UG/L	10		U		10
MW-14	Di-n-butylphthalate	UG/L	10		U		10
MW-14	Di-n-octylphthalate	UG/L	10		U		10
MW-14	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-14	Dibenzofuran	UG/L	10		U		10
MW-14	Diethylphthalate	UG/L	10		U		10
MW-14	Dimethylphthalate	UG/L	10		U		10
MW-14	Fluoranthene	UG/L	10		U		10
MW-14	Fluorene	UG/L	10		U		10
MW-14	Hexachlorobenzene	UG/L	10		U		10
MW-14	Hexachlorobutadiene	UG/L	10		U		10
MW-14	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
MW-14	Hexachloroethane	UG/L	10		U		10
MW-14	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-14	Isophorone	UG/L	10		U		10
MW-14	N-Nitroso-di-n-propylamine	UG/L	10		U	UJ	10
MW-14	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-14	Naphthalene	UG/L	10		U		10
MW-14	Nitrobenzene	UG/L	10		U	UJ	10
MW-14	Pentachlorophenol	UG/L	25		U		25
MW-14	Phenanthrene	UG/L	10		U		10
MW-14	Phenol	UG/L	18		U		10
MW-14	Pyrene	UG/L	10		U		10
MW-15	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-15	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-15	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-15	2,4-Dichlorophenol	UG/L	10		U		10
MW-15	2,4-Dimethylphenol	UG/L	10		U		10
MW-15	2,4-Dinitrophenol	UG/L	25		U	UJ	25
MW-15	2,4-Dinitrotoluene	UG/L	10		U		10
MW-15	2,6-Dinitrotoluene	UG/L	10		U		10
MW-15	2-Chloronaphthalene	UG/L	10		U		10
MW-15	2-Chlorophenol	UG/L	10		U		10
MW-15	2-Methylnaphthalene	UG/L	10		U		10
MW-15	2-Methylphenol	UG/L	10		U		10
MW-15	2-Nitroaniline	UG/L	25		U		25
MW-15	2-Nitrophenol	UG/L	10		U		10
MW-15	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-15	3-Nitroaniline	UG/L	25		U		25
MW-15	4,6-Dinitro-2-methylphenol	UG/L	25		U	UJ	25
MW-15	4-Bromophenyl-phenylether	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-15	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-15	4-Chloroaniline	UG/L	10		U		10
MW-15	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-15	4-Methylphenol	UG/L	10		U		10
MW-15	4-Nitroaniline	UG/L	25		U		25
MW-15	4-Nitrophenol	UG/L	25		U		25
MW-15	Acenaphthene	UG/L	10		U		10
MW-15	Acenaphthylene	UG/L	10		U		10
MW-15	Acetophenone	UG/L			U		10
MW-15	Anthracene	UG/L	10		U		10
MW-15	Benzo(a)anthracene	UG/L	10		U		10
MW-15	Benzo(a)pyrene	UG/L	10		U		10
MW-15	Benzo(b)fluoranthene	UG/L	10		U		10
MW-15	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-15	Benzo(k)fluoranthene	UG/L	10		U		10
MW-15	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-15	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-15	Bis(2-ethylhexyl)phthalate	UG/L	27		U		10
MW-15	Butylbenzylphthalate	UG/L	10		U		10
MW-15	Carbazole	UG/L	10		U		10
MW-15	Chrysene	UG/L	10		U		10
MW-15	Di-n-butylphthalate	UG/L	10		U		10
MW-15	Di-n-octylphthalate	UG/L	10		U		10
MW-15	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-15	Dibenzofuran	UG/L	10		U		10
MW-15	Diethylphthalate	UG/L	10		U		10
MW-15	Dimethylphthalate	UG/L	10		U		10
MW-15	Fluoranthene	UG/L	10		U		10
MW-15	Fluorene	UG/L	10		U		10
MW-15	Hexachlorobenzene	UG/L	10		U		10
MW-15	Hexachlorobutadiene	UG/L	10		U		10
MW-15	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
MW-15	Hexachloroethane	UG/L	10		U		10
MW-15	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-15	Isophorone	UG/L	10		U		10
MW-15	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-15	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-15	Naphthalene	UG/L	10		U		10
MW-15	Nitrobenzene	UG/L	10		U		10
MW-15	Pentachlorophenol	UG/L	25		U	UJ	25
MW-15	Phenanthrene	UG/L	10		U		10
MW-15	Phenol	UG/L	26		U		10
MW-15	Pyrene	UG/L	10		U		10
MW-19	2,2'-oxybis(1-Chloropropane)	UG/L	10	1.61	J	J	0.009
MW-19	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-19	2,4,6-Trichlorophenol	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-19	2,4-Dichlorophenol	UG/L	10		U		10
MW-19	2,4-Dimethylphenol	UG/L	10		U		10
MW-19	2,4-Dinitrophenol	UG/L	25		U	UJ	25
MW-19	2,4-Dinitrotoluene	UG/L	10		U		10
MW-19	2,6-Dinitrotoluene	UG/L	10		U		10
MW-19	2-Chloronaphthalene	UG/L	10		U		10
MW-19	2-Chlorophenol	UG/L	10		U		10
MW-19	2-Methylnaphthalene	UG/L	10		U		10
MW-19	2-Methylphenol	UG/L	10		U		10
MW-19	2-Nitroaniline	UG/L	25		U		25
MW-19	2-Nitrophenol	UG/L	10		U		10
MW-19	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-19	3-Nitroaniline	UG/L	25		U		25
MW-19	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
MW-19	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-19	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-19	4-Chloroaniline	UG/L	10		U		10
MW-19	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-19	4-Methylphenol	UG/L	10		U		10
MW-19	4-Nitroaniline	UG/L	25		U		25
MW-19	4-Nitrophenol	UG/L	25		U		25
MW-19	Acenaphthene	UG/L	10		U		10
MW-19	Acenaphthylene	UG/L	10		U		10
MW-19	Acetophenone	UG/L			U		10
MW-19	Anthracene	UG/L	10		U		10
MW-19	Benzo(a)anthracene	UG/L	10		U		10
MW-19	Benzo(a)pyrene	UG/L	10		U		10
MW-19	Benzo(b)fluoranthene	UG/L	10		U		10
MW-19	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-19	Benzo(k)fluoranthene	UG/L	10		U		10
MW-19	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-19	bis(2-chloroethyl) ether	UG/L	12	**19.66**			0.009
MW-19	Bis(2-ethylhexyl)phthalate	UG/L	14		U		10
MW-19	Butylbenzylphthalate	UG/L	10		U		10
MW-19	Carbazole	UG/L	10		U		10
MW-19	Chrysene	UG/L	10		U		10
MW-19	Di-n-butylphthalate	UG/L	10		U		10
MW-19	Di-n-octylphthalate	UG/L	10		U		10
MW-19	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-19	Dibenzofuran	UG/L	10		U		10
MW-19	Diethylphthalate	UG/L	10		U		10
MW-19	Dimethylphthalate	UG/L	10		U		10
MW-19	Fluoranthene	UG/L	10		U		10
MW-19	Fluorene	UG/L	10		U		10
MW-19	Hexachlorobenzene	UG/L	10		U		10
MW-19	Hexachlorobutadiene	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
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Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-19	Hexachlorocyclopentadiene	UG/L	10		U		10
MW-19	Hexachloroethane	UG/L	10		U		10
MW-19	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-19	Isophorone	UG/L	10		U		10
MW-19	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-19	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-19	Naphthalene	UG/L	10		U		10
MW-19	Nitrobenzene	UG/L	10		U		10
MW-19	Pentachlorophenol	UG/L	25		U		25
MW-19	Phenanthrene	UG/L	10		U		10
MW-19	Phenol	UG/L	31		U		10
MW-19	Pyrene	UG/L	10		U		10
MW-23	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-23	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-23	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-23	2,4-Dichlorophenol	UG/L	10		U		10
MW-23	2,4-Dimethylphenol	UG/L	10		U		10
MW-23	2,4-Dinitrophenol	UG/L	25		U	UJ	25
MW-23	2,4-Dinitrotoluene	UG/L	10		U		10
MW-23	2,6-Dinitrotoluene	UG/L	10		U		10
MW-23	2-Chloronaphthalene	UG/L	10		U		10
MW-23	2-Chlorophenol	UG/L	10		U		10
MW-23	2-Methylnaphthalene	UG/L	10		U		10
MW-23	2-Methylphenol	UG/L	10		U		10
MW-23	2-Nitroaniline	UG/L	25		U		25
MW-23	2-Nitrophenol	UG/L	10		U		10
MW-23	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-23	3-Nitroaniline	UG/L	25		U		25
MW-23	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
MW-23	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-23	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-23	4-Chloroaniline	UG/L	10		U		10
MW-23	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-23	4-Methylphenol	UG/L	10		U		10
MW-23	4-Nitroaniline	UG/L	25		U		25
MW-23	4-Nitrophenol	UG/L	25		U		25
MW-23	Acenaphthene	UG/L	10		U		10
MW-23	Acenaphthylene	UG/L	10		U		10
MW-23	Acetophenone	UG/L			U		10
MW-23	Anthracene	UG/L	10		U		10
MW-23	Benzo(a)anthracene	UG/L	10		U		10
MW-23	Benzo(a)pyrene	UG/L	10		U		10
MW-23	Benzo(b)fluoranthene	UG/L	10		U		10
MW-23	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-23	Benzo(k)fluoranthene	UG/L	10		U		10
MW-23	Bis(2-chloroethoxy)methane	UG/L	10		U		10

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Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-23	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-23	Bis(2-ethylhexyl)phthalate	UG/L	10	3	J	J	0.009
MW-23	Butylbenzylphthalate	UG/L	10		U		10
MW-23	Carbazole	UG/L	10		U		10
MW-23	Chrysene	UG/L	10		U		10
MW-23	Di-n-butylphthalate	UG/L	10		U		10
MW-23	Di-n-octylphthalate	UG/L	10		U		10
MW-23	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-23	Dibenzofuran	UG/L	10		U		10
MW-23	Diethylphthalate	UG/L	10		U		10
MW-23	Dimethylphthalate	UG/L	10		U		10
MW-23	Fluoranthene	UG/L	10		U		10
MW-23	Fluorene	UG/L	10		U		10
MW-23	Hexachlorobenzene	UG/L	10		U		10
MW-23	Hexachlorobutadiene	UG/L	10		U		10
MW-23	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
MW-23	Hexachloroethane	UG/L	10		U		10
MW-23	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-23	Isophorone	UG/L	10		U		10
MW-23	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-23	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-23	Naphthalene	UG/L	10		U		10
MW-23	Nitrobenzene	UG/L	10		U	UJ	10
MW-23	Pentachlorophenol	UG/L	25		U		25
MW-23	Phenanthrene	UG/L	10		U		10
MW-23	Phenol	UG/L	30		U		10
MW-23	Pyrene	UG/L	10		U		10
MW-24	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-24	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-24	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-24	2,4-Dichlorophenol	UG/L	10		U		10
MW-24	2,4-Dimethylphenol	UG/L	10		U		10
MW-24	2,4-Dinitrophenol	UG/L	25		U		25
MW-24	2,4-Dinitrotoluene	UG/L	10		U		10
MW-24	2,6-Dinitrotoluene	UG/L	10		U		10
MW-24	2-Chloronaphthalene	UG/L	10		U		10
MW-24	2-Chlorophenol	UG/L	10		U		10
MW-24	2-Methylnaphthalene	UG/L	10		U		10
MW-24	2-Methylphenol	UG/L	10		U		10
MW-24	2-Nitroaniline	UG/L	25		U		25
MW-24	2-Nitrophenol	UG/L	10		U		10
MW-24	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-24	3-Nitroaniline	UG/L	25		U		25
MW-24	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
MW-24	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-24	4-Chloro-3-methylphenol	UG/L	10		U		10

BOLD = Exceedance
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CAS/cas/DMD/CAS
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1252042.221601

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-24	4-Chloroaniline	UG/L	10		U		10
MW-24	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-24	4-Methylphenol	UG/L	10		U		10
MW-24	4-Nitroaniline	UG/L	25		U		25
MW-24	4-Nitrophenol	UG/L	25		U		25
MW-24	Acenaphthene	UG/L	10		U		10
MW-24	Acenaphthylene	UG/L	10		U		10
MW-24	Acetophenone	UG/L			U		10
MW-24	Anthracene	UG/L	10		U		10
MW-24	Benzo(a)anthracene	UG/L	10		U		10
MW-24	Benzo(a)pyrene	UG/L	10		U		10
MW-24	Benzo(b)fluoranthene	UG/L	10		U		10
MW-24	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-24	Benzo(k)fluoranthene	UG/L	10		U		10
MW-24	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-24	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-24	Bis(2-ethylhexyl)phthalate	UG/L	10		U		10
MW-24	Butylbenzylphthalate	UG/L	10		U		10
MW-24	Carbazole	UG/L	10		U		10
MW-24	Chrysene	UG/L	10		U		10
MW-24	Di-n-butylphthalate	UG/L	10		U		10
MW-24	Di-n-octylphthalate	UG/L	10		U		10
MW-24	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-24	Dibenzofuran	UG/L	10		U		10
MW-24	Diethylphthalate	UG/L	10		U		10
MW-24	Dimethylphthalate	UG/L	10		U		10
MW-24	Fluoranthene	UG/L	10		U		10
MW-24	Fluorene	UG/L	10		U		10
MW-24	Hexachlorobenzene	UG/L	10		U		10
MW-24	Hexachlorobutadiene	UG/L	10		U		10
MW-24	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
MW-24	Hexachloroethane	UG/L	10		U		10
MW-24	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-24	Isophorone	UG/L	10		U		10
MW-24	N-Nitroso-di-n-propylamine	UG/L	10		U	UJ	10
MW-24	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-24	Naphthalene	UG/L	10		U		10
MW-24	Nitrobenzene	UG/L	10		U	UJ	10
MW-24	Pentachlorophenol	UG/L	25		U		25
MW-24	Phenanthrene	UG/L	10		U		10
MW-24	Phenol	UG/L	16		U		10
MW-24	Pyrene	UG/L	10		U		10
MW-28	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-28	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-28	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-28	2,4-Dichlorophenol	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-28	2,4-Dimethylphenol	UG/L	10		U		10
MW-28	2,4-Dinitrophenol	UG/L	25		U		25
MW-28	2,4-Dinitrotoluene	UG/L	10		U		10
MW-28	2,6-Dinitrotoluene	UG/L	10		U		10
MW-28	2-Chloronaphthalene	UG/L	10		U		10
MW-28	2-Chlorophenol	UG/L	10		U		10
MW-28	2-Methylnaphthalene	UG/L	10		U		10
MW-28	2-Methylphenol	UG/L	10		U		10
MW-28	2-Nitroaniline	UG/L	25		U		25
MW-28	2-Nitrophenol	UG/L	10		U		10
MW-28	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-28	3-Nitroaniline	UG/L	25		U		25
MW-28	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
MW-28	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-28	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-28	4-Chloroaniline	UG/L	10		U		10
MW-28	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-28	4-Methylphenol	UG/L	10		U		10
MW-28	4-Nitroaniline	UG/L	25		U		25
MW-28	4-Nitrophenol	UG/L	25		U		25
MW-28	Acenaphthene	UG/L	10		U		10
MW-28	Acenaphthylene	UG/L	10		U		10
MW-28	Acetophenone	UG/L			U		10
MW-28	Anthracene	UG/L	10		U		10
MW-28	Benzo(a)anthracene	UG/L	10		U		10
MW-28	Benzo(a)pyrene	UG/L	10		U		10
MW-28	Benzo(b)fluoranthene	UG/L	10		U		10
MW-28	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-28	Benzo(k)fluoranthene	UG/L	10		U		10
MW-28	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-28	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-28	Bis(2-ethylhexyl)phthalate	UG/L	19		U		10
MW-28	Butylbenzylphthalate	UG/L	10		U		10
MW-28	Carbazole	UG/L	10		U		10
MW-28	Chrysene	UG/L	10		U		10
MW-28	Di-n-butylphthalate	UG/L	10		U		10
MW-28	Di-n-octylphthalate	UG/L	10		U		10
MW-28	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-28	Dibenzofuran	UG/L	10		U		10
MW-28	Diethylphthalate	UG/L	10		U		10
MW-28	Dimethylphthalate	UG/L	10		U		10
MW-28	Fluoranthene	UG/L	10		U		10
MW-28	Fluorene	UG/L	10		U		10
MW-28	Hexachlorobenzene	UG/L	10		U		10
MW-28	Hexachlorobutadiene	UG/L	10		U		10
MW-28	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-28	Hexachloroethane	UG/L	10		U		10
MW-28	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-28	Isophorone	UG/L	10		U		10
MW-28	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-28	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-28	Naphthalene	UG/L	10		U		10
MW-28	Nitrobenzene	UG/L	10		U		10
MW-28	Pentachlorophenol	UG/L	25		U		25
MW-28	Phenanthrene	UG/L	10		U		10
MW-28	Phenol	UG/L	75		U		10
MW-28	Pyrene	UG/L	10		U		10
MW-29	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-29	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-29	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-29	2,4-Dichlorophenol	UG/L	10		U		10
MW-29	2,4-Dimethylphenol	UG/L	10		U		10
MW-29	2,4-Dinitrophenol	UG/L	25		U		25
MW-29	2,4-Dinitrotoluene	UG/L	10		U		10
MW-29	2,6-Dinitrotoluene	UG/L	10		U		10
MW-29	2-Chloronaphthalene	UG/L	10		U		10
MW-29	2-Chlorophenol	UG/L	10		U		10
MW-29	2-Methylnaphthalene	UG/L	10		U		10
MW-29	2-Methylphenol	UG/L	10		U		10
MW-29	2-Nitroaniline	UG/L	25		U		25
MW-29	2-Nitrophenol	UG/L	10		U		10
MW-29	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-29	3-Nitroaniline	UG/L	25		U		25
MW-29	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
MW-29	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-29	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-29	4-Chloroaniline	UG/L	10		U		10
MW-29	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-29	4-Methylphenol	UG/L	10		U		10
MW-29	4-Nitroaniline	UG/L	25		U	UJ	25
MW-29	4-Nitrophenol	UG/L	25		U		25
MW-29	Acenaphthene	UG/L	10		U		10
MW-29	Acenaphthylene	UG/L	10		U		10
MW-29	Acetophenone	UG/L			U		10
MW-29	Anthracene	UG/L	10		U		10
MW-29	Benzo(a)anthracene	UG/L	10		U		10
MW-29	Benzo(a)pyrene	UG/L	10		U		10
MW-29	Benzo(b)fluoranthene	UG/L	10		U		10
MW-29	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-29	Benzo(k)fluoranthene	UG/L	10		U		10
MW-29	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-29	bis(2-chloroethyl) ether	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-29	Bis(2-ethylhexyl)phthalate	UG/L	27	1	J	J	0.009
MW-29	Butylbenzylphthalate	UG/L	10		U		10
MW-29	Carbazole	UG/L	10		U		10
MW-29	Chrysene	UG/L	10		U		10
MW-29	Di-n-butylphthalate	UG/L	10		U		10
MW-29	Di-n-octylphthalate	UG/L	10		U		10
MW-29	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-29	Dibenzofuran	UG/L	10		U		10
MW-29	Diethylphthalate	UG/L	10		U		10
MW-29	Dimethylphthalate	UG/L	10		U		10
MW-29	Fluoranthene	UG/L	10		U		10
MW-29	Fluorene	UG/L	10		U		10
MW-29	Hexachlorobenzene	UG/L	10		U		10
MW-29	Hexachlorobutadiene	UG/L	10		U		10
MW-29	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
MW-29	Hexachloroethane	UG/L	10		U		10
MW-29	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-29	Isophorone	UG/L	10		U		10
MW-29	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-29	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-29	Naphthalene	UG/L	10		U		10
MW-29	Nitrobenzene	UG/L	10		U	UJ	10
MW-29	Pentachlorophenol	UG/L	25		U		25
MW-29	Phenanthrene	UG/L	10		U		10
MW-29	Phenol	UG/L	43		U		10
MW-29	Pyrene	UG/L	10		U		10
MW-30	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-30	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-30	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-30	2,4-Dichlorophenol	UG/L	10		U		10
MW-30	2,4-Dimethylphenol	UG/L	10		U		10
MW-30	2,4-Dinitrophenol	UG/L	25		U		25
MW-30	2,4-Dinitrotoluene	UG/L	10		U		10
MW-30	2,6-Dinitrotoluene	UG/L	10		U		10
MW-30	2-Chloronaphthalene	UG/L	10		U		10
MW-30	2-Chlorophenol	UG/L	10		U		10
MW-30	2-Methylnaphthalene	UG/L	10		U		10
MW-30	2-Methylphenol	UG/L	10		U		10
MW-30	2-Nitroaniline	UG/L	25		U		25
MW-30	2-Nitrophenol	UG/L	10		U		10
MW-30	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-30	3-Nitroaniline	UG/L	25		U		25
MW-30	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
MW-30	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-30	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-30	4-Chloroaniline	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-30	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-30	4-Methylphenol	UG/L	10		U		10
MW-30	4-Nitroaniline	UG/L	25		U	UJ	25
MW-30	4-Nitrophenol	UG/L	25		U		25
MW-30	Acenaphthene	UG/L	10		U		10
MW-30	Acenaphthylene	UG/L	10		U		10
MW-30	Acetophenone	UG/L			U		10
MW-30	Anthracene	UG/L	10		U		10
MW-30	Benzo(a)anthracene	UG/L	10		U		10
MW-30	Benzo(a)pyrene	UG/L	10		U		10
MW-30	Benzo(b)fluoranthene	UG/L	10		U		10
MW-30	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-30	Benzo(k)fluoranthene	UG/L	10		U		10
MW-30	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-30	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-30	Bis(2-ethylhexyl)phthalate	UG/L	68	2	JB	J	0.009
MW-30	Butylbenzylphthalate	UG/L	10		U		10
MW-30	Carbazole	UG/L	10		U		10
MW-30	Chrysene	UG/L	10		U		10
MW-30	Di-n-butylphthalate	UG/L	10		U		10
MW-30	Di-n-octylphthalate	UG/L	10		U		10
MW-30	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-30	Dibenzofuran	UG/L	10		U		10
MW-30	Diethylphthalate	UG/L	10		U		10
MW-30	Dimethylphthalate	UG/L	10		U		10
MW-30	Fluoranthene	UG/L	10		U		10
MW-30	Fluorene	UG/L	10		U		10
MW-30	Hexachlorobenzene	UG/L	10		U		10
MW-30	Hexachlorobutadiene	UG/L	10		U		10
MW-30	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
MW-30	Hexachloroethane	UG/L	10		U		10
MW-30	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-30	Isophorone	UG/L	10		U		10
MW-30	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-30	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-30	Naphthalene	UG/L	10		U		10
MW-30	Nitrobenzene	UG/L	10		U		10
MW-30	Pentachlorophenol	UG/L	25		U		25
MW-30	Phenanthrene	UG/L	10		U		10
MW-30	Phenol	UG/L	40		U		10
MW-30	Pyrene	UG/L	10		U		10
MW-31	2,2'-oxybis(1-Chloropropane)	UG/L	20		U		10
MW-31	2,4,5-Trichlorophenol	UG/L	50		U		25
MW-31	2,4,6-Trichlorophenol	UG/L	20		U		10
MW-31	2,4-Dichlorophenol	UG/L	20		U		10
MW-31	2,4-Dimethylphenol	UG/L	20		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-31	2,4-Dinitrophenol	UG/L	50		U		25
MW-31	2,4-Dinitrotoluene	UG/L	20		U		10
MW-31	2,6-Dinitrotoluene	UG/L	20		U		10
MW-31	2-Chloronaphthalene	UG/L	20		U		10
MW-31	2-Chlorophenol	UG/L	20		U		10
MW-31	2-Methylnaphthalene	UG/L	20		U		10
MW-31	2-Methylphenol	UG/L	20		U		10
MW-31	2-Nitroaniline	UG/L	50		U		25
MW-31	2-Nitrophenol	UG/L	20		U		10
MW-31	3,3'-Dichlorobenzidine	UG/L	20		U		10
MW-31	3-Nitroaniline	UG/L	50		U		25
MW-31	4,6-Dinitro-2-methylphenol	UG/L	50		U		25
MW-31	4-Bromophenyl-phenylether	UG/L	20		U		10
MW-31	4-Chloro-3-methylphenol	UG/L	20		U		10
MW-31	4-Chloroaniline	UG/L	20		U		10
MW-31	4-Chlorophenyl-phenyl ether	UG/L	20		U		10
MW-31	4-Methylphenol	UG/L	20		U		10
MW-31	4-Nitroaniline	UG/L	50		U	UJ	25
MW-31	4-Nitrophenol	UG/L	50		U		25
MW-31	Acenaphthene	UG/L	20		U		10
MW-31	Acenaphthylene	UG/L	20		U		10
MW-31	Acetophenone	UG/L			U		10
MW-31	Anthracene	UG/L	20		U		10
MW-31	Benzo(a)anthracene	UG/L	20		U		10
MW-31	Benzo(a)pyrene	UG/L	20		U		10
MW-31	Benzo(b)fluoranthene	UG/L	20		U		10
MW-31	Benzo(g,h,i)perylene	UG/L	20		U		10
MW-31	Benzo(k)fluoranthene	UG/L	20		U		10
MW-31	Bis(2-chloroethoxy)methane	UG/L	20		U		10
MW-31	bis(2-chloroethyl) ether	UG/L	20		U		10
MW-31	Bis(2-ethylhexyl)phthalate	UG/L	20	0.9	J	J	0.009
MW-31	Butylbenzylphthalate	UG/L	20		U		10
MW-31	Carbazole	UG/L	20		U		10
MW-31	Chrysene	UG/L	20		U		10
MW-31	Di-n-butylphthalate	UG/L	20		U		10
MW-31	Di-n-octylphthalate	UG/L	20		U		10
MW-31	Dibenzo(a,h)anthracene	UG/L	20		U		10
MW-31	Dibenzofuran	UG/L	20		U		10
MW-31	Diethylphthalate	UG/L	20		U		10
MW-31	Dimethylphthalate	UG/L	20		U		10
MW-31	Fluoranthene	UG/L	20		U		10
MW-31	Fluorene	UG/L	20		U		10
MW-31	Hexachlorobenzene	UG/L	20		U		10
MW-31	Hexachlorobutadiene	UG/L	20		U		10
MW-31	Hexachlorocyclopentadiene	UG/L	20		U	UJ	10
MW-31	Hexachloroethane	UG/L	20		U		10

BOLD = Exceedance
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CAS/cas/DMD/CAS
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1252042.221601

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-31	Indeno(1,2,3-cd)pyrene	UG/L	20		U		10
MW-31	Isophorone	UG/L	20		U		10
MW-31	N-Nitroso-di-n-propylamine	UG/L	20		U		10
MW-31	N-Nitrosodiphenylamine	UG/L	20		U		10
MW-31	Naphthalene	UG/L	20		U		10
MW-31	Nitrobenzene	UG/L	20		U	J	10
MW-31	Pentachlorophenol	UG/L	50		U		25
MW-31	Phenanthrene	UG/L	20		U		10
MW-31	Phenol	UG/L	130		U		10
MW-31	Pyrene	UG/L	20		U		10
MW-32	2,2'-oxybis(1-Chloropropane)	UG/L	20		U		10
MW-32	2,4,5-Trichlorophenol	UG/L	50		U		25
MW-32	2,4,6-Trichlorophenol	UG/L	20		U		10
MW-32	2,4-Dichlorophenol	UG/L	20		U		10
MW-32	2,4-Dimethylphenol	UG/L	20		U		10
MW-32	2,4-Dinitrophenol	UG/L	50		U		25
MW-32	2,4-Dinitrotoluene	UG/L	20		U		10
MW-32	2,6-Dinitrotoluene	UG/L	20		U		10
MW-32	2-Chloronaphthalene	UG/L	20		U		10
MW-32	2-Chlorophenol	UG/L	20		U		10
MW-32	2-Methylnaphthalene	UG/L	20		U		10
MW-32	2-Methylphenol	UG/L	20		U		10
MW-32	2-Nitroaniline	UG/L	50		U		25
MW-32	2-Nitrophenol	UG/L	20		U		10
MW-32	3,3'-Dichlorobenzidine	UG/L	20		U		10
MW-32	3-Nitroaniline	UG/L	50		U		25
MW-32	4,6-Dinitro-2-methylphenol	UG/L	50		U		25
MW-32	4-Bromophenyl-phenylether	UG/L	20		U		10
MW-32	4-Chloro-3-methylphenol	UG/L	20		U		10
MW-32	4-Chloroaniline	UG/L	20		U		10
MW-32	4-Chlorophenyl-phenyl ether	UG/L	20		U		10
MW-32	4-Methylphenol	UG/L	20		U		10
MW-32	4-Nitroaniline	UG/L	50		U	UJ	25
MW-32	4-Nitrophenol	UG/L	50		U		25
MW-32	Acenaphthene	UG/L	20		U		10
MW-32	Acenaphthylene	UG/L	20		U		10
MW-32	Acetophenone	UG/L			U		10
MW-32	Anthracene	UG/L	20		U		10
MW-32	Benzo(a)anthracene	UG/L	20		U		10
MW-32	Benzo(a)pyrene	UG/L	20		U		10
MW-32	Benzo(b)fluoranthene	UG/L	20		U		10
MW-32	Benzo(g,h,i)perylene	UG/L	20		U		10
MW-32	Benzo(k)fluoranthene	UG/L	20		U		10
MW-32	Bis(2-chloroethoxy)methane	UG/L	20		U		10
MW-32	bis(2-chloroethyl) ether	UG/L	20		U		10
MW-32	Bis(2-ethylhexyl)phthalate	UG/L	31		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-32	Butylbenzylphthalate	UG/L	20		U		10
MW-32	Carbazole	UG/L	20		U		10
MW-32	Chrysene	UG/L	20		U		10
MW-32	Di-n-butylphthalate	UG/L	20		U		10
MW-32	Di-n-octylphthalate	UG/L	20		U		10
MW-32	Dibenzo(a,h)anthracene	UG/L	20		U		10
MW-32	Dibenzofuran	UG/L	20		U		10
MW-32	Diethylphthalate	UG/L	20		U		10
MW-32	Dimethylphthalate	UG/L	20		U		10
MW-32	Fluoranthene	UG/L	20		U		10
MW-32	Fluorene	UG/L	20		U		10
MW-32	Hexachlorobenzene	UG/L	20		U		10
MW-32	Hexachlorobutadiene	UG/L	20		U		10
MW-32	Hexachlorocyclopentadiene	UG/L	20		U	UJ	10
MW-32	Hexachloroethane	UG/L	20		U		10
MW-32	Indeno(1,2,3-cd)pyrene	UG/L	20		U		10
MW-32	Isophorone	UG/L	20		U		10
MW-32	N-Nitroso-di-n-propylamine	UG/L	20		U		10
MW-32	N-Nitrosodiphenylamine	UG/L	20		U		10
MW-32	Naphthalene	UG/L	20		U		10
MW-32	Nitrobenzene	UG/L	20		U	UJ	10
MW-32	Pentachlorophenol	UG/L	50		U		25
MW-32	Phenanthrene	UG/L	20		U		10
MW-32	Phenol	UG/L	110		U		10
MW-32	Pyrene	UG/L	20		U		10
MW-33	2,2'-oxybis(1-Chloropropane)	UG/L	20		U		10
MW-33	2,4,5-Trichlorophenol	UG/L	50		U		25
MW-33	2,4,6-Trichlorophenol	UG/L	20		U		10
MW-33	2,4-Dichlorophenol	UG/L	20		U		10
MW-33	2,4-Dimethylphenol	UG/L	20		U		10
MW-33	2,4-Dinitrophenol	UG/L	50		U		25
MW-33	2,4-Dinitrotoluene	UG/L	20		U		10
MW-33	2,6-Dinitrotoluene	UG/L	20		U		10
MW-33	2-Chloronaphthalene	UG/L	20		U		10
MW-33	2-Chlorophenol	UG/L	20		U		10
MW-33	2-Methylnaphthalene	UG/L	20		U		10
MW-33	2-Methylphenol	UG/L	20		U		10
MW-33	2-Nitroaniline	UG/L	50		U		25
MW-33	2-Nitrophenol	UG/L	20		U		10
MW-33	3,3'-Dichlorobenzidine	UG/L	20		U		10
MW-33	3-Nitroaniline	UG/L	50		U		25
MW-33	4,6-Dinitro-2-methylphenol	UG/L	50		U		25
MW-33	4-Bromophenyl-phenylether	UG/L	20		U		10
MW-33	4-Chloro-3-methylphenol	UG/L	20		U		10
MW-33	4-Chloroaniline	UG/L	20		U		10
MW-33	4-Chlorophenyl-phenyl ether	UG/L	20		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-33	4-Methylphenol	UG/L	20		U		10
MW-33	4-Nitroaniline	UG/L	50		U	UJ	25
MW-33	4-Nitrophenol	UG/L	50		U		25
MW-33	Acenaphthene	UG/L	20		U		10
MW-33	Acenaphthylene	UG/L	20		U		10
MW-33	Acetophenone	UG/L			U		10
MW-33	Anthracene	UG/L	20		U		10
MW-33	Benzo(a)anthracene	UG/L	20		U		10
MW-33	Benzo(a)pyrene	UG/L	20		U		10
MW-33	Benzo(b)fluoranthene	UG/L	20		U		10
MW-33	Benzo(g,h,i)perylene	UG/L	20		U		10
MW-33	Benzo(k)fluoranthene	UG/L	20		U		10
MW-33	Bis(2-chloroethoxy)methane	UG/L	20		U		10
MW-33	bis(2-chloroethyl) ether	UG/L	20		U		10
MW-33	Bis(2-ethylhexyl)phthalate	UG/L	76	1	JB	J	0.009
MW-33	Butylbenzylphthalate	UG/L	20		U		10
MW-33	Carbazole	UG/L	20		U		10
MW-33	Chrysene	UG/L	20		U		10
MW-33	Di-n-butylphthalate	UG/L	20		U		10
MW-33	Di-n-octylphthalate	UG/L	20		U		10
MW-33	Dibenzo(a,h)anthracene	UG/L	20		U		10
MW-33	Dibenzofuran	UG/L	20		U		10
MW-33	Diethylphthalate	UG/L	20		U		10
MW-33	Dimethylphthalate	UG/L	20		U		10
MW-33	Fluoranthene	UG/L	20		U		10
MW-33	Fluorene	UG/L	20		U		10
MW-33	Hexachlorobenzene	UG/L	20		U		10
MW-33	Hexachlorobutadiene	UG/L	20		U		10
MW-33	Hexachlorocyclopentadiene	UG/L	20		U	UJ	10
MW-33	Hexachloroethane	UG/L	20		U		10
MW-33	Indeno(1,2,3-cd)pyrene	UG/L	20		U		10
MW-33	Isophorone	UG/L	20		U		10
MW-33	N-Nitroso-di-n-propylamine	UG/L	20		U		10
MW-33	N-Nitrosodiphenylamine	UG/L	20		U		10
MW-33	Naphthalene	UG/L	20		U		10
MW-33	Nitrobenzene	UG/L	20		U		10
MW-33	Pentachlorophenol	UG/L	50		U		25
MW-33	Phenanthrene	UG/L	20		U		10
MW-33	Phenol	UG/L	83	5	J	J	0.009
MW-33	Pyrene	UG/L	20		U		10
MW-37	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-37	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-37	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-37	2,4-Dichlorophenol	UG/L	10		U		10
MW-37	2,4-Dimethylphenol	UG/L	10		U		10
MW-37	2,4-Dinitrophenol	UG/L	25		U		25

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-37	2,4-Dinitrotoluene	UG/L	10		U		10
MW-37	2,6-Dinitrotoluene	UG/L	10		U		10
MW-37	2-Chloronaphthalene	UG/L	10		U		10
MW-37	2-Chlorophenol	UG/L	10		U		10
MW-37	2-Methylnaphthalene	UG/L	10		U		10
MW-37	2-Methylphenol	UG/L	10		U		10
MW-37	2-Nitroaniline	UG/L	25		U		25
MW-37	2-Nitrophenol	UG/L	10		U		10
MW-37	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-37	3-Nitroaniline	UG/L	25		U		25
MW-37	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
MW-37	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-37	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-37	4-Chloroaniline	UG/L	10		U		10
MW-37	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-37	4-Methylphenol	UG/L	10		U		10
MW-37	4-Nitroaniline	UG/L	25		U	UJ	25
MW-37	4-Nitrophenol	UG/L	25		U		25
MW-37	Acenaphthene	UG/L	10		U		10
MW-37	Acenaphthylene	UG/L	10		U		10
MW-37	Acetophenone	UG/L			U		10
MW-37	Anthracene	UG/L	10		U		10
MW-37	Benzo(a)anthracene	UG/L	10		U		10
MW-37	Benzo(a)pyrene	UG/L	10		U		10
MW-37	Benzo(b)fluoranthene	UG/L	10		U		10
MW-37	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-37	Benzo(k)fluoranthene	UG/L	10		U		10
MW-37	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-37	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-37	Bis(2-ethylhexyl)phthalate	UG/L	34		U		10
MW-37	Butylbenzylphthalate	UG/L	10		U		10
MW-37	Carbazole	UG/L	10		U		10
MW-37	Chrysene	UG/L	10		U		10
MW-37	Di-n-butylphthalate	UG/L	10		U		10
MW-37	Di-n-octylphthalate	UG/L	10		U		10
MW-37	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-37	Dibenzofuran	UG/L	10		U		10
MW-37	Diethylphthalate	UG/L	10		U		10
MW-37	Dimethylphthalate	UG/L	10		U		10
MW-37	Fluoranthene	UG/L	10		U		10
MW-37	Fluorene	UG/L	10		U		10
MW-37	Hexachlorobenzene	UG/L	10		U		10
MW-37	Hexachlorobutadiene	UG/L	10		U		10
MW-37	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
MW-37	Hexachloroethane	UG/L	10		U		10
MW-37	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-37	Isophorone	UG/L	10		U		10
MW-37	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-37	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-37	Naphthalene	UG/L	10		U		10
MW-37	Nitrobenzene	UG/L	10		U		10
MW-37	Pentachlorophenol	UG/L	25		U		25
MW-37	Phenanthrene	UG/L	10		U		10
MW-37	Phenol	UG/L	23		U		10
MW-37	Pyrene	UG/L	10		U		10
MW-38	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		11
MW-38	2,4,5-Trichlorophenol	UG/L	25		U		27
MW-38	2,4,6-Trichlorophenol	UG/L	10		U		11
MW-38	2,4-Dichlorophenol	UG/L	10		U		11
MW-38	2,4-Dimethylphenol	UG/L	10		U		11
MW-38	2,4-Dinitrophenol	UG/L	25		U	UJ	27
MW-38	2,4-Dinitrotoluene	UG/L	10		U		11
MW-38	2,6-Dinitrotoluene	UG/L	10		U		11
MW-38	2-Chloronaphthalene	UG/L	10		U		11
MW-38	2-Chlorophenol	UG/L	10		U		11
MW-38	2-Methylnaphthalene	UG/L	10		U		11
MW-38	2-Methylphenol	UG/L	10		U		11
MW-38	2-Nitroaniline	UG/L	25		U		27
MW-38	2-Nitrophenol	UG/L	10		U		11
MW-38	3,3'-Dichlorobenzidine	UG/L	10		U		11
MW-38	3-Nitroaniline	UG/L	25		U		27
MW-38	4,6-Dinitro-2-methylphenol	UG/L	25		U	UJ	27
MW-38	4-Bromophenyl-phenylether	UG/L	10		U		11
MW-38	4-Chloro-3-methylphenol	UG/L	10		U		11
MW-38	4-Chloroaniline	UG/L	10		U		11
MW-38	4-Chlorophenyl-phenyl ether	UG/L	10		U		11
MW-38	4-Methylphenol	UG/L	10		U		11
MW-38	4-Nitroaniline	UG/L	25		U		27
MW-38	4-Nitrophenol	UG/L	25		U		27
MW-38	Acenaphthene	UG/L	10		U		11
MW-38	Acenaphthylene	UG/L	10		U		11
MW-38	Acetophenone	UG/L			U		11
MW-38	Anthracene	UG/L	10		U		11
MW-38	Benzo(a)anthracene	UG/L	10		U		11
MW-38	Benzo(a)pyrene	UG/L	10		U		11
MW-38	Benzo(b)fluoranthene	UG/L	10		U		11
MW-38	Benzo(g,h,i)perylene	UG/L	10		U		11
MW-38	Benzo(k)fluoranthene	UG/L	10		U		11
MW-38	Bis(2-chloroethoxy)methane	UG/L	10		U		11
MW-38	bis(2-chloroethyl) ether	UG/L	10		U		11
MW-38	Bis(2-ethylhexyl)phthalate	UG/L	10		U		11
MW-38	Butylbenzylphthalate	UG/L	10		U		11

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-38	Carbazole	UG/L	10		U		11
MW-38	Chrysene	UG/L	10		U		11
MW-38	Di-n-butylphthalate	UG/L	10		U		11
MW-38	Di-n-octylphthalate	UG/L	10		U		11
MW-38	Dibenzo(a,h)anthracene	UG/L	10		U		11
MW-38	Dibenzofuran	UG/L	10		U		11
MW-38	Diethylphthalate	UG/L	10		U		11
MW-38	Dimethylphthalate	UG/L	10		U		11
MW-38	Fluoranthene	UG/L	10		U		11
MW-38	Fluorene	UG/L	10		U		11
MW-38	Hexachlorobenzene	UG/L	10		U		11
MW-38	Hexachlorobutadiene	UG/L	10		U		11
MW-38	Hexachlorocyclopentadiene	UG/L	10		U	UJ	11
MW-38	Hexachloroethane	UG/L	10		U		11
MW-38	Indeno(1,2,3-cd)pyrene	UG/L	10		U		11
MW-38	Isophorone	UG/L	10		U		11
MW-38	N-Nitroso-di-n-propylamine	UG/L	10		U		11
MW-38	N-Nitrosodiphenylamine	UG/L	10		U		11
MW-38	Naphthalene	UG/L	10		U		11
MW-38	Nitrobenzene	UG/L	10		U		11
MW-38	Pentachlorophenol	UG/L	25		U	UJ	27
MW-38	Phenanthrene	UG/L	10		U		11
MW-38	Phenol	UG/L	13		U		11
MW-38	Pyrene	UG/L	10		U		11
MW-39	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-39	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-39	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-39	2,4-Dichlorophenol	UG/L	10		U		10
MW-39	2,4-Dimethylphenol	UG/L	10		U		10
MW-39	2,4-Dinitrophenol	UG/L	25		U	UJ	25
MW-39	2,4-Dinitrotoluene	UG/L	10		U		10
MW-39	2,6-Dinitrotoluene	UG/L	10		U		10
MW-39	2-Chloronaphthalene	UG/L	10		U		10
MW-39	2-Chlorophenol	UG/L	10		U		10
MW-39	2-Methylnaphthalene	UG/L	10		U		10
MW-39	2-Methylphenol	UG/L	10		U		10
MW-39	2-Nitroaniline	UG/L	25		U		25
MW-39	2-Nitrophenol	UG/L	10		U		10
MW-39	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-39	3-Nitroaniline	UG/L	25		U		25
MW-39	4,6-Dinitro-2-methylphenol	UG/L	25		U	UJ	25
MW-39	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-39	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-39	4-Chloroaniline	UG/L	10		U		10
MW-39	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-39	4-Methylphenol	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-39	4-Nitroaniline	UG/L	25		U		25
MW-39	4-Nitrophenol	UG/L	25		U		25
MW-39	Acenaphthene	UG/L	10		U		10
MW-39	Acenaphthylene	UG/L	10		U		10
MW-39	Acetophenone	UG/L			U		10
MW-39	Anthracene	UG/L	10		U		10
MW-39	Benzo(a)anthracene	UG/L	10		U		10
MW-39	Benzo(a)pyrene	UG/L	10		U		10
MW-39	Benzo(b)fluoranthene	UG/L	10		U		10
MW-39	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-39	Benzo(k)fluoranthene	UG/L	10		U		10
MW-39	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-39	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-39	Bis(2-ethylhexyl)phthalate	UG/L	18		U		10
MW-39	Butylbenzylphthalate	UG/L	10		U		10
MW-39	Carbazole	UG/L	10		U		10
MW-39	Chrysene	UG/L	10		U		10
MW-39	Di-n-butylphthalate	UG/L	10		U		10
MW-39	Di-n-octylphthalate	UG/L	10		U		10
MW-39	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-39	Dibenzofuran	UG/L	10		U		10
MW-39	Diethylphthalate	UG/L	10		U		10
MW-39	Dimethylphthalate	UG/L	10		U		10
MW-39	Fluoranthene	UG/L	10		U		10
MW-39	Fluorene	UG/L	10		U		10
MW-39	Hexachlorobenzene	UG/L	10		U		10
MW-39	Hexachlorobutadiene	UG/L	10		U		10
MW-39	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
MW-39	Hexachloroethane	UG/L	10		U		10
MW-39	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-39	Isophorone	UG/L	10		U		10
MW-39	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-39	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-39	Naphthalene	UG/L	10		U		10
MW-39	Nitrobenzene	UG/L	10		U		10
MW-39	Pentachlorophenol	UG/L	25		U	UJ	25
MW-39	Phenanthrene	UG/L	10		U		10
MW-39	Phenol	UG/L	33		U		10
MW-39	Pyrene	UG/L	10		U		10
MW-41	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-41	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-41	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-41	2,4-Dichlorophenol	UG/L	10		U		10
MW-41	2,4-Dimethylphenol	UG/L	10		U		10
MW-41	2,4-Dinitrophenol	UG/L	25		U	UJ	25
MW-41	2,4-Dinitrotoluene	UG/L	10		U		10

BOLD = Exceedance
NA = Not Applicable

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-41	2,6-Dinitrotoluene	UG/L	10		U		10
MW-41	2-Chloronaphthalene	UG/L	10		U		10
MW-41	2-Chlorophenol	UG/L	10		U		10
MW-41	2-Methylnaphthalene	UG/L	10		U		10
MW-41	2-Methylphenol	UG/L	10		U		10
MW-41	2-Nitroaniline	UG/L	25		U		25
MW-41	2-Nitrophenol	UG/L	10		U		10
MW-41	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-41	3-Nitroaniline	UG/L	25		U		25
MW-41	4,6-Dinitro-2-methylphenol	UG/L	25		U	UJ	25
MW-41	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-41	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-41	4-Chloroaniline	UG/L	10		U		10
MW-41	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-41	4-Methylphenol	UG/L	10		U		10
MW-41	4-Nitroaniline	UG/L	25		U		25
MW-41	4-Nitrophenol	UG/L	25		U		25
MW-41	Acenaphthene	UG/L	10		U		10
MW-41	Acenaphthylene	UG/L	10		U		10
MW-41	Acetophenone	UG/L			U		10
MW-41	Anthracene	UG/L	10		U		10
MW-41	Benzo(a)anthracene	UG/L	10		U		10
MW-41	Benzo(a)pyrene	UG/L	10		U		10
MW-41	Benzo(b)fluoranthene	UG/L	10		U		10
MW-41	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-41	Benzo(k)fluoranthene	UG/L	10		U		10
MW-41	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-41	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-41	Bis(2-ethylhexyl)phthalate	UG/L	10		U	UJ	10
MW-41	Butylbenzylphthalate	UG/L	10		U	UJ	10
MW-41	Carbazole	UG/L	10		U		10
MW-41	Chrysene	UG/L	10		U		10
MW-41	Di-n-butylphthalate	UG/L	10		U		10
MW-41	Di-n-octylphthalate	UG/L	10		U		10
MW-41	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-41	Dibenzofuran	UG/L	10		U		10
MW-41	Diethylphthalate	UG/L	10		U		10
MW-41	Dimethylphthalate	UG/L	10		U		10
MW-41	Fluoranthene	UG/L	10		U		10
MW-41	Fluorene	UG/L	10		U		10
MW-41	Hexachlorobenzene	UG/L	10		U		10
MW-41	Hexachlorobutadiene	UG/L	10		U		10
MW-41	Hexachlorocyclopentadiene	UG/L	10		U		10
MW-41	Hexachloroethane	UG/L	10		U		10
MW-41	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-41	Isophorone	UG/L	10		U		10

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CAS/cas/DMD/CAS
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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-41	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-41	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-41	Naphthalene	UG/L	10		U		10
MW-41	Nitrobenzene	UG/L	10		U		10
MW-41	Pentachlorophenol	UG/L	25		U	UJ	25
MW-41	Phenanthrene	UG/L	10		U		10
MW-41	Phenol	UG/L	34		U		10
MW-41	Pyrene	UG/L	10		U	UJ	10
MW-42	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-42	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-42	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-42	2,4-Dichlorophenol	UG/L	10		U		10
MW-42	2,4-Dimethylphenol	UG/L	10		U		10
MW-42	2,4-Dinitrophenol	UG/L	25		U	UJ	25
MW-42	2,4-Dinitrotoluene	UG/L	10		U		10
MW-42	2,6-Dinitrotoluene	UG/L	10		U		10
MW-42	2-Chloronaphthalene	UG/L	10		U		10
MW-42	2-Chlorophenol	UG/L	10		U		10
MW-42	2-Methylnaphthalene	UG/L	10		U		10
MW-42	2-Methylphenol	UG/L	10		U		10
MW-42	2-Nitroaniline	UG/L	25		U		25
MW-42	2-Nitrophenol	UG/L	10		U		10
MW-42	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-42	3-Nitroaniline	UG/L	25		U		25
MW-42	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
MW-42	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-42	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-42	4-Chloroaniline	UG/L	10		U		10
MW-42	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-42	4-Methylphenol	UG/L	10		U		10
MW-42	4-Nitroaniline	UG/L	25		U		25
MW-42	4-Nitrophenol	UG/L	25		U		25
MW-42	Acenaphthene	UG/L	10		U		10
MW-42	Acenaphthylene	UG/L	10		U		10
MW-42	Acetophenone	UG/L			U		10
MW-42	Anthracene	UG/L	10		U		10
MW-42	Benzo(a)anthracene	UG/L	10		U		10
MW-42	Benzo(a)pyrene	UG/L	10		U		10
MW-42	Benzo(b)fluoranthene	UG/L	10		U		10
MW-42	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-42	Benzo(k)fluoranthene	UG/L	10		U		10
MW-42	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-42	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-42	Bis(2-ethylhexyl)phthalate	UG/L	10	**45**			0.009
MW-42	Butylbenzylphthalate	UG/L	10		U		10
MW-42	Carbazole	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-42	Chrysene	UG/L	10		U		10
MW-42	Di-n-butylphthalate	UG/L	10		U		10
MW-42	Di-n-octylphthalate	UG/L	10		U		10
MW-42	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-42	Dibenzofuran	UG/L	10		U		10
MW-42	Diethylphthalate	UG/L	10		U		10
MW-42	Dimethylphthalate	UG/L	10		U		10
MW-42	Fluoranthene	UG/L	10		U		10
MW-42	Fluorene	UG/L	10		U		10
MW-42	Hexachlorobenzene	UG/L	10		U		10
MW-42	Hexachlorobutadiene	UG/L	10		U		10
MW-42	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
MW-42	Hexachloroethane	UG/L	10		U		10
MW-42	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-42	Isophorone	UG/L	10		U		10
MW-42	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-42	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-42	Naphthalene	UG/L	10		U		10
MW-42	Nitrobenzene	UG/L	10		U		10
MW-42	Pentachlorophenol	UG/L	25		U		25
MW-42	Phenanthrene	UG/L	10		U		10
MW-42	Phenol	UG/L	41		U		10
MW-42	Pyrene	UG/L	10		U		10
MW-43	2,2'-oxybis(1-Chloropropane)	UG/L	20		U		10
MW-43	2,4,5-Trichlorophenol	UG/L	50		U		25
MW-43	2,4,6-Trichlorophenol	UG/L	20		U		10
MW-43	2,4-Dichlorophenol	UG/L	20		U		10
MW-43	2,4-Dimethylphenol	UG/L	20		U		10
MW-43	2,4-Dinitrophenol	UG/L	50		U	UJ	25
MW-43	2,4-Dinitrotoluene	UG/L	20		U		10
MW-43	2,6-Dinitrotoluene	UG/L	20		U		10
MW-43	2-Chloronaphthalene	UG/L	20		U		10
MW-43	2-Chlorophenol	UG/L	20		U		10
MW-43	2-Methylnaphthalene	UG/L	20		U		10
MW-43	2-Methylphenol	UG/L	20		U		10
MW-43	2-Nitroaniline	UG/L	50		U		25
MW-43	2-Nitrophenol	UG/L	20		U		10
MW-43	3,3'-Dichlorobenzidine	UG/L	20		U		10
MW-43	3-Nitroaniline	UG/L	50		U		25
MW-43	4,6-Dinitro-2-methylphenol	UG/L	50		U	UJ	25
MW-43	4-Bromophenyl-phenylether	UG/L	20		U		10
MW-43	4-Chloro-3-methylphenol	UG/L	20		U		10
MW-43	4-Chloroaniline	UG/L	20		U		10
MW-43	4-Chlorophenyl-phenyl ether	UG/L	20		U		10
MW-43	4-Methylphenol	UG/L	20		U		10
MW-43	4-Nitroaniline	UG/L	50		U		25

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-43	4-Nitrophenol	UG/L	50		U		25
MW-43	Acenaphthene	UG/L	20		U		10
MW-43	Acenaphthylene	UG/L	20		U		10
MW-43	Acetophenone	UG/L			U		10
MW-43	Anthracene	UG/L	20		U		10
MW-43	Benzo(a)anthracene	UG/L	20		U		10
MW-43	Benzo(a)pyrene	UG/L	20		U		10
MW-43	Benzo(b)fluoranthene	UG/L	20		U		10
MW-43	Benzo(g,h,i)perylene	UG/L	20		U		10
MW-43	Benzo(k)fluoranthene	UG/L	20		U		10
MW-43	Bis(2-chloroethoxy)methane	UG/L	20		U		10
MW-43	bis(2-chloroethyl) ether	UG/L	20		U		10
MW-43	Bis(2-ethylhexyl)phthalate	UG/L	20		U	UJ	10
MW-43	Butylbenzylphthalate	UG/L	20		U	UJ	10
MW-43	Carbazole	UG/L	20		U		10
MW-43	Chrysene	UG/L	20		U		10
MW-43	Di-n-butylphthalate	UG/L	20		U		10
MW-43	Di-n-octylphthalate	UG/L	20		U		10
MW-43	Dibenzo(a,h)anthracene	UG/L	20		U		10
MW-43	Dibenzofuran	UG/L	20		U		10
MW-43	Diethylphthalate	UG/L	20		U		10
MW-43	Dimethylphthalate	UG/L	20		U		10
MW-43	Fluoranthene	UG/L	20		U		10
MW-43	Fluorene	UG/L	20		U		10
MW-43	Hexachlorobenzene	UG/L	20		U		10
MW-43	Hexachlorobutadiene	UG/L	20		U		10
MW-43	Hexachlorocyclopentadiene	UG/L	20		U		10
MW-43	Hexachloroethane	UG/L	20		U		10
MW-43	Indeno(1,2,3-cd)pyrene	UG/L	20		U		10
MW-43	Isophorone	UG/L	20		U		10
MW-43	N-Nitroso-di-n-propylamine	UG/L	20		U		10
MW-43	N-Nitrosodiphenylamine	UG/L	20		U		10
MW-43	Naphthalene	UG/L	20		U		10
MW-43	Nitrobenzene	UG/L	20		U		10
MW-43	Pentachlorophenol	UG/L	50		U	UJ	25
MW-43	Phenanthrene	UG/L	20		U		10
MW-43	Phenol	UG/L	75		U		10
MW-43	Pyrene	UG/L	20		U	UJ	10
MW-44	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-44	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-44	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-44	2,4-Dichlorophenol	UG/L	10		U		10
MW-44	2,4-Dimethylphenol	UG/L	10		U		10
MW-44	2,4-Dinitrophenol	UG/L	25		U	UJ	25
MW-44	2,4-Dinitrotoluene	UG/L	10		U		10
MW-44	2,6-Dinitrotoluene	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-44	2-Chloronaphthalene	UG/L	10		U		10
MW-44	2-Chlorophenol	UG/L	10		U		10
MW-44	2-Methylnaphthalene	UG/L	10		U		10
MW-44	2-Methylphenol	UG/L	10		U		10
MW-44	2-Nitroaniline	UG/L	25		U		25
MW-44	2-Nitrophenol	UG/L	10		U		10
MW-44	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-44	3-Nitroaniline	UG/L	25		U		25
MW-44	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
MW-44	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-44	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-44	4-Chloroaniline	UG/L	10		U		10
MW-44	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-44	4-Methylphenol	UG/L	10		U		10
MW-44	4-Nitroaniline	UG/L	25		U		25
MW-44	4-Nitrophenol	UG/L	25		U		25
MW-44	Acenaphthene	UG/L	10		U		10
MW-44	Acenaphthylene	UG/L	10		U		10
MW-44	Acetophenone	UG/L			U		10
MW-44	Anthracene	UG/L	10		U		10
MW-44	Benzo(a)anthracene	UG/L	10		U		10
MW-44	Benzo(a)pyrene	UG/L	10		U		10
MW-44	Benzo(b)fluoranthene	UG/L	10		U		10
MW-44	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-44	Benzo(k)fluoranthene	UG/L	10		U		10
MW-44	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-44	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-44	Bis(2-ethylhexyl)phthalate	UG/L	15	4	J	J	0.009
MW-44	Butylbenzylphthalate	UG/L	10		U		10
MW-44	Carbazole	UG/L	10		U		10
MW-44	Chrysene	UG/L	10		U		10
MW-44	Di-n-butylphthalate	UG/L	10		U		10
MW-44	Di-n-octylphthalate	UG/L	10		U		10
MW-44	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-44	Dibenzofuran	UG/L	10		U		10
MW-44	Diethylphthalate	UG/L	10		U		10
MW-44	Dimethylphthalate	UG/L	10		U		10
MW-44	Fluoranthene	UG/L	10		U		10
MW-44	Fluorene	UG/L	10		U		10
MW-44	Hexachlorobenzene	UG/L	10		U		10
MW-44	Hexachlorobutadiene	UG/L	10		U		10
MW-44	Hexachlorocyclopentadiene	UG/L	10		U		10
MW-44	Hexachloroethane	UG/L	10		U		10
MW-44	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-44	Isophorone	UG/L	10		U		10
MW-44	N-Nitroso-di-n-propylamine	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-44	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-44	Naphthalene	UG/L	10		U		10
MW-44	Nitrobenzene	UG/L	10		U		10
MW-44	Pentachlorophenol	UG/L	25		U		25
MW-44	Phenanthrene	UG/L	10		U		10
MW-44	Phenol	UG/L	11		U		10
MW-44	Pyrene	UG/L	10		U		10
MW-45	2,2'-oxybis(1-Chloropropane)	UG/L	20	4	J	J	0.009
MW-45	2,4,5-Trichlorophenol	UG/L	50		U		25
MW-45	2,4,6-Trichlorophenol	UG/L	20		U		10
MW-45	2,4-Dichlorophenol	UG/L	20		U		10
MW-45	2,4-Dimethylphenol	UG/L	20		U		10
MW-45	2,4-Dinitrophenol	UG/L	50		U	UJ	25
MW-45	2,4-Dinitrotoluene	UG/L	20		U		10
MW-45	2,6-Dinitrotoluene	UG/L	20		U		10
MW-45	2-Chloronaphthalene	UG/L	20		U		10
MW-45	2-Chlorophenol	UG/L	20		U		10
MW-45	2-Methylnaphthalene	UG/L	20	1	J	J	0.009
MW-45	2-Methylphenol	UG/L	20		U		10
MW-45	2-Nitroaniline	UG/L	50		U		25
MW-45	2-Nitrophenol	UG/L	20		U		10
MW-45	3,3'-Dichlorobenzidine	UG/L	20		U		10
MW-45	3-Nitroaniline	UG/L	50		U		25
MW-45	4,6-Dinitro-2-methylphenol	UG/L	50		U	UJ	25
MW-45	4-Bromophenyl-phenylether	UG/L	20		U		10
MW-45	4-Chloro-3-methylphenol	UG/L	20		U		10
MW-45	4-Chloroaniline	UG/L	20		U		10
MW-45	4-Chlorophenyl-phenyl ether	UG/L	20		U		10
MW-45	4-Methylphenol	UG/L	20		U		10
MW-45	4-Nitroaniline	UG/L	50		U		25
MW-45	4-Nitrophenol	UG/L	50		U		25
MW-45	Acenaphthene	UG/L	20		U		10
MW-45	Acenaphthylene	UG/L	20		U		10
MW-45	Acetophenone	UG/L			U		10
MW-45	Anthracene	UG/L	20		U		10
MW-45	Benzo(a)anthracene	UG/L	20		U		10
MW-45	Benzo(a)pyrene	UG/L	20		U		10
MW-45	Benzo(b)fluoranthene	UG/L	20		U		10
MW-45	Benzo(g,h,i)perylene	UG/L	20		U		10
MW-45	Benzo(k)fluoranthene	UG/L	20		U		10
MW-45	Bis(2-chloroethoxy)methane	UG/L	20		U		10
MW-45	bis(2-chloroethyl) ether	UG/L	20		U		10
MW-45	Bis(2-ethylhexyl)phthalate	UG/L	20		U	UJ	10
MW-45	Butylbenzylphthalate	UG/L	20		U	UJ	10
MW-45	Carbazole	UG/L	20		U		10
MW-45	Chrysene	UG/L	20		U		10

BOLD = Exceedance
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CAS/cas/DMD/CAS
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1252042.221601

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-45	Di-n-butylphthalate	UG/L	20		U		10
MW-45	Di-n-octylphthalate	UG/L	20		U		10
MW-45	Dibenzo(a,h)anthracene	UG/L	20		U		10
MW-45	Dibenzofuran	UG/L	20		U		10
MW-45	Diethylphthalate	UG/L	20		U		10
MW-45	Dimethylphthalate	UG/L	20		U		10
MW-45	Fluoranthene	UG/L	20		U		10
MW-45	Fluorene	UG/L	20		U		10
MW-45	Hexachlorobenzene	UG/L	20		U		10
MW-45	Hexachlorobutadiene	UG/L	20		U		10
MW-45	Hexachlorocyclopentadiene	UG/L	20		U		10
MW-45	Hexachloroethane	UG/L	20		U		10
MW-45	Indeno(1,2,3-cd)pyrene	UG/L	20		U		10
MW-45	Isophorone	UG/L	20		U		10
MW-45	N-Nitroso-di-n-propylamine	UG/L	20		U		10
MW-45	N-Nitrosodiphenylamine	UG/L	20		U		10
MW-45	Naphthalene	UG/L	140	67			0.009
MW-45	Nitrobenzene	UG/L	20		U		10
MW-45	Pentachlorophenol	UG/L	50		U	UJ	25
MW-45	Phenanthrene	UG/L	20		U		10
MW-45	Phenol	UG/L	50		U		10
MW-45	Pyrene	UG/L	20		U	UJ	10
MW-46	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-46	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-46	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-46	2,4-Dichlorophenol	UG/L	10		U		10
MW-46	2,4-Dimethylphenol	UG/L	10		U		10
MW-46	2,4-Dinitrophenol	UG/L	25		U	UJ	25
MW-46	2,4-Dinitrotoluene	UG/L	10		U		10
MW-46	2,6-Dinitrotoluene	UG/L	10		U		10
MW-46	2-Chloronaphthalene	UG/L	10		U		10
MW-46	2-Chlorophenol	UG/L	10		U		10
MW-46	2-Methylnaphthalene	UG/L	10		U		10
MW-46	2-Methylphenol	UG/L	10		U		10
MW-46	2-Nitroaniline	UG/L	25		U		25
MW-46	2-Nitrophenol	UG/L	10		U		10
MW-46	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-46	3-Nitroaniline	UG/L	25		U		25
MW-46	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
MW-46	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-46	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-46	4-Chloroaniline	UG/L	10		U		10
MW-46	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-46	4-Methylphenol	UG/L	10		U		10
MW-46	4-Nitroaniline	UG/L	25		U		25
MW-46	4-Nitrophenol	UG/L	25		U		25

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-46	Acenaphthene	UG/L	10		U		10
MW-46	Acenaphthylene	UG/L	10		U		10
MW-46	Acetophenone	UG/L			U		10
MW-46	Anthracene	UG/L	10		U		10
MW-46	Benzo(a)anthracene	UG/L	10		U		10
MW-46	Benzo(a)pyrene	UG/L	10		U		10
MW-46	Benzo(b)fluoranthene	UG/L	10		U		10
MW-46	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-46	Benzo(k)fluoranthene	UG/L	10		U		10
MW-46	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-46	bis(2-chloroethyl) ether	UG/L	10	3	J	J	0.009
MW-46	Bis(2-ethylhexyl)phthalate	UG/L	10		U		10
MW-46	Butylbenzylphthalate	UG/L	10		U		10
MW-46	Carbazole	UG/L	10		U		10
MW-46	Chrysene	UG/L	10		U		10
MW-46	Di-n-butylphthalate	UG/L	10		U		10
MW-46	Di-n-octylphthalate	UG/L	10		U		10
MW-46	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-46	Dibenzofuran	UG/L	10		U		10
MW-46	Diethylphthalate	UG/L	10		U		10
MW-46	Dimethylphthalate	UG/L	10		U		10
MW-46	Fluoranthene	UG/L	10		U		10
MW-46	Fluorene	UG/L	10		U		10
MW-46	Hexachlorobenzene	UG/L	10		U		10
MW-46	Hexachlorobutadiene	UG/L	10		U		10
MW-46	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
MW-46	Hexachloroethane	UG/L	10		U		10
MW-46	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-46	Isophorone	UG/L	10		U		10
MW-46	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-46	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-46	Naphthalene	UG/L	10		U		10
MW-46	Nitrobenzene	UG/L	10		U	UJ	10
MW-46	Pentachlorophenol	UG/L	25		U		25
MW-46	Phenanthrene	UG/L	10		U		10
MW-46	Phenol	UG/L	10		U		10
MW-46	Pyrene	UG/L	10		U		10
MW-47	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-47	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-47	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-47	2,4-Dichlorophenol	UG/L	10		U		10
MW-47	2,4-Dimethylphenol	UG/L	10		U		10
MW-47	2,4-Dinitrophenol	UG/L	25		U	UJ	25
MW-47	2,4-Dinitrotoluene	UG/L	10		U		10
MW-47	2,6-Dinitrotoluene	UG/L	10		U		10
MW-47	2-Chloronaphthalene	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-47	2-Chlorophenol	UG/L	10		U		10
MW-47	2-Methylnaphthalene	UG/L	10		U		10
MW-47	2-Methylphenol	UG/L	10		U		10
MW-47	2-Nitroaniline	UG/L	25		U		25
MW-47	2-Nitrophenol	UG/L	10		U		10
MW-47	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-47	3-Nitroaniline	UG/L	25		U		25
MW-47	4,6-Dinitro-2-methylphenol	UG/L	25		U	UJ	25
MW-47	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-47	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-47	4-Chloroaniline	UG/L	10		U		10
MW-47	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-47	4-Methylphenol	UG/L	10		U		10
MW-47	4-Nitroaniline	UG/L	25		U		25
MW-47	4-Nitrophenol	UG/L	25		U		25
MW-47	Acenaphthene	UG/L	10		U		10
MW-47	Acenaphthylene	UG/L	10		U		10
MW-47	Acetophenone	UG/L			U		10
MW-47	Anthracene	UG/L	10		U		10
MW-47	Benzo(a)anthracene	UG/L	10		U		10
MW-47	Benzo(a)pyrene	UG/L	10		U		10
MW-47	Benzo(b)fluoranthene	UG/L	10		U		10
MW-47	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-47	Benzo(k)fluoranthene	UG/L	10		U		10
MW-47	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-47	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-47	Bis(2-ethylhexyl)phthalate	UG/L	10		U		10
MW-47	Butylbenzylphthalate	UG/L	10		U		10
MW-47	Carbazole	UG/L	10		U		10
MW-47	Chrysene	UG/L	10		U		10
MW-47	Di-n-butylphthalate	UG/L	10		U		10
MW-47	Di-n-octylphthalate	UG/L	10		U		10
MW-47	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-47	Dibenzofuran	UG/L	10		U		10
MW-47	Diethylphthalate	UG/L	10		U		10
MW-47	Dimethylphthalate	UG/L	10		U		10
MW-47	Fluoranthene	UG/L	10		U		10
MW-47	Fluorene	UG/L	10		U		10
MW-47	Hexachlorobenzene	UG/L	10		U		10
MW-47	Hexachlorobutadiene	UG/L	10		U		10
MW-47	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
MW-47	Hexachloroethane	UG/L	10		U		10
MW-47	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-47	Isophorone	UG/L	10		U		10
MW-47	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-47	N-Nitrosodiphenylamine	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-47	Naphthalene	UG/L	10		U		10
MW-47	Nitrobenzene	UG/L	10		U		10
MW-47	Pentachlorophenol	UG/L	25		U	UJ	25
MW-47	Phenanthrene	UG/L	10		U		10
MW-47	Phenol	UG/L	39		U		10
MW-47	Pyrene	UG/L	10		U		10
MW-48	2,2'-oxybis(1-Chloropropane)	UG/L	20		U		10
MW-48	2,4,5-Trichlorophenol	UG/L	50		U		25
MW-48	2,4,6-Trichlorophenol	UG/L	20		U		10
MW-48	2,4-Dichlorophenol	UG/L	20		U		10
MW-48	2,4-Dimethylphenol	UG/L	20		U		10
MW-48	2,4-Dinitrophenol	UG/L	50		U		25
MW-48	2,4-Dinitrotoluene	UG/L	20		U		10
MW-48	2,6-Dinitrotoluene	UG/L	20		U		10
MW-48	2-Chloronaphthalene	UG/L	20		U		10
MW-48	2-Chlorophenol	UG/L	20		U		10
MW-48	2-Methylnaphthalene	UG/L	20		U		10
MW-48	2-Methylphenol	UG/L	20		U		10
MW-48	2-Nitroaniline	UG/L	50		U		25
MW-48	2-Nitrophenol	UG/L	20		U		10
MW-48	3,3'-Dichlorobenzidine	UG/L	20		U		10
MW-48	3-Nitroaniline	UG/L	50		U		25
MW-48	4,6-Dinitro-2-methylphenol	UG/L	50		U		25
MW-48	4-Bromophenyl-phenylether	UG/L	20		U		10
MW-48	4-Chloro-3-methylphenol	UG/L	20		U		10
MW-48	4-Chloroaniline	UG/L	20		U		10
MW-48	4-Chlorophenyl-phenyl ether	UG/L	20		U		10
MW-48	4-Methylphenol	UG/L	20		U		10
MW-48	4-Nitroaniline	UG/L	50		U	UJ	25
MW-48	4-Nitrophenol	UG/L	50		U		25
MW-48	Acenaphthene	UG/L	20		U		10
MW-48	Acenaphthylene	UG/L	20		U		10
MW-48	Acetophenone	UG/L			U		10
MW-48	Anthracene	UG/L	20		U		10
MW-48	Benzo(a)anthracene	UG/L	20		U		10
MW-48	Benzo(a)pyrene	UG/L	20		U		10
MW-48	Benzo(b)fluoranthene	UG/L	20		U		10
MW-48	Benzo(g,h,i)perylene	UG/L	20		U		10
MW-48	Benzo(k)fluoranthene	UG/L	20		U		10
MW-48	Bis(2-chloroethoxy)methane	UG/L	20		U		10
MW-48	bis(2-chloroethyl) ether	UG/L	20	3	J	J	0.009
MW-48	Bis(2-ethylhexyl)phthalate	UG/L	20		U		10
MW-48	Butylbenzylphthalate	UG/L	20		U		10
MW-48	Carbazole	UG/L	20		U		10
MW-48	Chrysene	UG/L	20		U		10
MW-48	Di-n-butylphthalate	UG/L	20		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-48	Di-n-octylphthalate	UG/L	20		U		10
MW-48	Dibenzo(a,h)anthracene	UG/L	20		U		10
MW-48	Dibenzofuran	UG/L	20		U		10
MW-48	Diethylphthalate	UG/L	20		U		10
MW-48	Dimethylphthalate	UG/L	20		U		10
MW-48	Fluoranthene	UG/L	20		U		10
MW-48	Fluorene	UG/L	20		U		10
MW-48	Hexachlorobenzene	UG/L	20		U		10
MW-48	Hexachlorobutadiene	UG/L	20		U		10
MW-48	Hexachlorocyclopentadiene	UG/L	20		U	UJ	10
MW-48	Hexachloroethane	UG/L	20		U		10
MW-48	Indeno(1,2,3-cd)pyrene	UG/L	20		U		10
MW-48	Isophorone	UG/L	20		U		10
MW-48	N-Nitroso-di-n-propylamine	UG/L	20		U		10
MW-48	N-Nitrosodiphenylamine	UG/L	20		U		10
MW-48	Naphthalene	UG/L	20		U		10
MW-48	Nitrobenzene	UG/L	20		U		10
MW-48	Pentachlorophenol	UG/L	50		U		25
MW-48	Phenanthrene	UG/L	20		U		10
MW-48	Phenol	UG/L	110	7	J	J	0.009
MW-48	Pyrene	UG/L	20		U		10
MW-49	2,2'-oxybis(1-Chloropropane)	UG/L	28	2	J	J	0.009
MW-49	2,4,5-Trichlorophenol	UG/L	120		U		25
MW-49	2,4,6-Trichlorophenol	UG/L	50		U		10
MW-49	2,4-Dichlorophenol	UG/L	50		U		10
MW-49	2,4-Dimethylphenol	UG/L	50		U		10
MW-49	2,4-Dinitrophenol	UG/L	120		U		25
MW-49	2,4-Dinitrotoluene	UG/L	50		U		10
MW-49	2,6-Dinitrotoluene	UG/L	50		U		10
MW-49	2-Chloronaphthalene	UG/L	50		U		10
MW-49	2-Chlorophenol	UG/L	50		U		10
MW-49	2-Methylnaphthalene	UG/L	50		U		10
MW-49	2-Methylphenol	UG/L	50		U		10
MW-49	2-Nitroaniline	UG/L	120		U		25
MW-49	2-Nitrophenol	UG/L	50		U		10
MW-49	3,3'-Dichlorobenzidine	UG/L	50		U		10
MW-49	3-Nitroaniline	UG/L	120		U		25
MW-49	4,6-Dinitro-2-methylphenol	UG/L	120		U		25
MW-49	4-Bromophenyl-phenylether	UG/L	50		U		10
MW-49	4-Chloro-3-methylphenol	UG/L	50		U		10
MW-49	4-Chloroaniline	UG/L	50		U		10
MW-49	4-Chlorophenyl-phenyl ether	UG/L	50		U		10
MW-49	4-Methylphenol	UG/L	50		U		10
MW-49	4-Nitroaniline	UG/L	120		U	UJ	25
MW-49	4-Nitrophenol	UG/L	120		U		25
MW-49	Acenaphthene	UG/L	50		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-49	Acenaphthylene	UG/L	50		U		10
MW-49	Acetophenone	UG/L			U		10
MW-49	Anthracene	UG/L	50		U		10
MW-49	Benzo(a)anthracene	UG/L	50		U		10
MW-49	Benzo(a)pyrene	UG/L	50		U		10
MW-49	Benzo(b)fluoranthene	UG/L	50		U		10
MW-49	Benzo(g,h,i)perylene	UG/L	50		U		10
MW-49	Benzo(k)fluoranthene	UG/L	50		U		10
MW-49	Bis(2-chloroethoxy)methane	UG/L	50		U		10
MW-49	bis(2-chloroethyl) ether	UG/L	50	1	J	J	0.009
MW-49	Bis(2-ethylhexyl)phthalate	UG/L	50		U		10
MW-49	Butylbenzylphthalate	UG/L	50		U		10
MW-49	Carbazole	UG/L	50		U		10
MW-49	Chrysene	UG/L	50		U		10
MW-49	Di-n-butylphthalate	UG/L	50		U		10
MW-49	Di-n-octylphthalate	UG/L	50		U		10
MW-49	Dibenzo(a,h)anthracene	UG/L	50		U		10
MW-49	Dibenzofuran	UG/L	50		U		10
MW-49	Diethylphthalate	UG/L	50		U		10
MW-49	Dimethylphthalate	UG/L	50		U		10
MW-49	Fluoranthene	UG/L	50		U		10
MW-49	Fluorene	UG/L	50		U		10
MW-49	Hexachlorobenzene	UG/L	50		U		10
MW-49	Hexachlorobutadiene	UG/L	50		U		10
MW-49	Hexachlorocyclopentadiene	UG/L	50		U	UJ	10
MW-49	Hexachloroethane	UG/L	50		U		10
MW-49	Indeno(1,2,3-cd)pyrene	UG/L	50		U		10
MW-49	Isophorone	UG/L	10	4	J	J	0.009
MW-49	N-Nitroso-di-n-propylamine	UG/L	50		U		10
MW-49	N-Nitrosodiphenylamine	UG/L	50		U		10
MW-49	Naphthalene	UG/L	50		U		10
MW-49	Nitrobenzene	UG/L	50		U	UJ	10
MW-49	Pentachlorophenol	UG/L	120		U		25
MW-49	Phenanthrene	UG/L	50		U		10
MW-49	Phenol	UG/L	125	5	J	J	0.009
MW-49	Pyrene	UG/L	50		U		10
MW-50	2,2'-oxybis(1-Chloropropane)	UG/L	60		U		10
MW-50	2,4,5-Trichlorophenol	UG/L	150		U		25
MW-50	2,4,6-Trichlorophenol	UG/L	60		U		10
MW-50	2,4-Dichlorophenol	UG/L	60		U		10
MW-50	2,4-Dimethylphenol	UG/L	60		U		10
MW-50	2,4-Dinitrophenol	UG/L	150		U	UJ	25
MW-50	2,4-Dinitrotoluene	UG/L	60		U		10
MW-50	2,6-Dinitrotoluene	UG/L	60		U		10
MW-50	2-Chloronaphthalene	UG/L	60		U		10
MW-50	2-Chlorophenol	UG/L	60		U		10

BOLD = Exceedance
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CAS/cas/DMD/CAS
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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-50	2-Methylnaphthalene	UG/L	60		U		10
MW-50	2-Methylphenol	UG/L	60		U		10
MW-50	2-Nitroaniline	UG/L	150		U		25
MW-50	2-Nitrophenol	UG/L	60		U		10
MW-50	3,3'-Dichlorobenzidine	UG/L	60		U		10
MW-50	3-Nitroaniline	UG/L	150		U		25
MW-50	4,6-Dinitro-2-methylphenol	UG/L	150		U	UJ	25
MW-50	4-Bromophenyl-phenylether	UG/L	60		U		10
MW-50	4-Chloro-3-methylphenol	UG/L	60		U		10
MW-50	4-Chloroaniline	UG/L	60		U		10
MW-50	4-Chlorophenyl-phenyl ether	UG/L	60		U		10
MW-50	4-Methylphenol	UG/L	60		U		10
MW-50	4-Nitroaniline	UG/L	150		U		25
MW-50	4-Nitrophenol	UG/L	150		U		25
MW-50	Acenaphthene	UG/L	60		U		10
MW-50	Acenaphthylene	UG/L	60		U		10
MW-50	Acetophenone	UG/L			U		10
MW-50	Anthracene	UG/L	60		U		10
MW-50	Benzo(a)anthracene	UG/L	60		U		10
MW-50	Benzo(a)pyrene	UG/L	60		U		10
MW-50	Benzo(b)fluoranthene	UG/L	60		U		10
MW-50	Benzo(g,h,i)perylene	UG/L	60		U		10
MW-50	Benzo(k)fluoranthene	UG/L	60		U		10
MW-50	Bis(2-chloroethoxy)methane	UG/L	60		U		10
MW-50	bis(2-chloroethyl) ether	UG/L	60		U		10
MW-50	Bis(2-ethylhexyl)phthalate	UG/L	60		U		10
MW-50	Butylbenzylphthalate	UG/L	60		U		10
MW-50	Carbazole	UG/L	60		U		10
MW-50	Chrysene	UG/L	60		U		10
MW-50	Di-n-butylphthalate	UG/L	60		U		10
MW-50	Di-n-octylphthalate	UG/L	60		U		10
MW-50	Dibenzo(a,h)anthracene	UG/L	60		U		10
MW-50	Dibenzofuran	UG/L	60		U		10
MW-50	Diethylphthalate	UG/L	60		U		10
MW-50	Dimethylphthalate	UG/L	60		U		10
MW-50	Fluoranthene	UG/L	60		U		10
MW-50	Fluorene	UG/L	60		U		10
MW-50	Hexachlorobenzene	UG/L	60		U		10
MW-50	Hexachlorobutadiene	UG/L	60		U		10
MW-50	Hexachlorocyclopentadiene	UG/L	60		U	UJ	10
MW-50	Hexachloroethane	UG/L	60		U		10
MW-50	Indeno(1,2,3-cd)pyrene	UG/L	60		U		10
MW-50	Isophorone	UG/L	60		U		10
MW-50	N-Nitroso-di-n-propylamine	UG/L	60		U		10
MW-50	N-Nitrosodiphenylamine	UG/L	60		U		10
MW-50	Naphthalene	UG/L	60		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-50	Nitrobenzene	UG/L	60		U		10
MW-50	Pentachlorophenol	UG/L	150		U	UJ	25
MW-50	Phenanthrene	UG/L	60		U		10
MW-50	Phenol	UG/L	340		U		10
MW-50	Pyrene	UG/L	60		U		10
MW-51	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-51	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-51	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-51	2,4-Dichlorophenol	UG/L	10		U		10
MW-51	2,4-Dimethylphenol	UG/L	10		U		10
MW-51	2,4-Dinitrophenol	UG/L	25		U		25
MW-51	2,4-Dinitrotoluene	UG/L	10		U		10
MW-51	2,6-Dinitrotoluene	UG/L	10		U		10
MW-51	2-Chloronaphthalene	UG/L	10		U		10
MW-51	2-Chlorophenol	UG/L	10		U		10
MW-51	2-Methylnaphthalene	UG/L	10		U		10
MW-51	2-Methylphenol	UG/L	10		U		10
MW-51	2-Nitroaniline	UG/L	25		U		25
MW-51	2-Nitrophenol	UG/L	10		U		10
MW-51	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-51	3-Nitroaniline	UG/L	25		U		25
MW-51	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
MW-51	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-51	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-51	4-Chloroaniline	UG/L	10		U		10
MW-51	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-51	4-Methylphenol	UG/L	10		U		10
MW-51	4-Nitroaniline	UG/L	25		U	UJ	25
MW-51	4-Nitrophenol	UG/L	25		U		25
MW-51	Acenaphthene	UG/L	10		U		10
MW-51	Acenaphthylene	UG/L	10		U		10
MW-51	Acetophenone	UG/L			U		10
MW-51	Anthracene	UG/L	10		U		10
MW-51	Benzo(a)anthracene	UG/L	10		U		10
MW-51	Benzo(a)pyrene	UG/L	10		U		10
MW-51	Benzo(b)fluoranthene	UG/L	10		U		10
MW-51	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-51	Benzo(k)fluoranthene	UG/L	10		U		10
MW-51	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-51	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-51	Bis(2-ethylhexyl)phthalate	UG/L	10		U		10
MW-51	Butylbenzylphthalate	UG/L	10		U		10
MW-51	Carbazole	UG/L	10		U		10
MW-51	Chrysene	UG/L	10		U		10
MW-51	Di-n-butylphthalate	UG/L	10		U		10
MW-51	Di-n-octylphthalate	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-51	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-51	Dibenzofuran	UG/L	10		U		10
MW-51	Diethylphthalate	UG/L	10		U		10
MW-51	Dimethylphthalate	UG/L	10		U		10
MW-51	Fluoranthene	UG/L	10		U		10
MW-51	Fluorene	UG/L	10		U		10
MW-51	Hexachlorobenzene	UG/L	10		U		10
MW-51	Hexachlorobutadiene	UG/L	10		U		10
MW-51	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
MW-51	Hexachloroethane	UG/L	10		U		10
MW-51	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-51	Isophorone	UG/L	10		U		10
MW-51	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-51	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-51	Naphthalene	UG/L	10		U		10
MW-51	Nitrobenzene	UG/L	10		U		10
MW-51	Pentachlorophenol	UG/L	25		U		25
MW-51	Phenanthrene	UG/L	10		U		10
MW-51	Phenol	UG/L	25		U		10
MW-51	Pyrene	UG/L	10		U		10
MW-52	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-52	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-52	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-52	2,4-Dichlorophenol	UG/L	10		U		10
MW-52	2,4-Dimethylphenol	UG/L	10		U		10
MW-52	2,4-Dinitrophenol	UG/L	25		U	UJ	25
MW-52	2,4-Dinitrotoluene	UG/L	10		U		10
MW-52	2,6-Dinitrotoluene	UG/L	10		U		10
MW-52	2-Chloronaphthalene	UG/L	10		U		10
MW-52	2-Chlorophenol	UG/L	10		U		10
MW-52	2-Methylnaphthalene	UG/L	10		U		10
MW-52	2-Methylphenol	UG/L	10		U		10
MW-52	2-Nitroaniline	UG/L	25		U		25
MW-52	2-Nitrophenol	UG/L	10		U		10
MW-52	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-52	3-Nitroaniline	UG/L	25		U		25
MW-52	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
MW-52	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-52	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-52	4-Chloroaniline	UG/L	10		U		10
MW-52	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-52	4-Methylphenol	UG/L	10		U		10
MW-52	4-Nitroaniline	UG/L	25		U		25
MW-52	4-Nitrophenol	UG/L	25		U		25
MW-52	Acenaphthene	UG/L	10		U		10
MW-52	Acenaphthylene	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-52	Acetophenone	UG/L			U		10
MW-52	Anthracene	UG/L	10		U		10
MW-52	Benzo(a)anthracene	UG/L	10		U		10
MW-52	Benzo(a)pyrene	UG/L	10		U		10
MW-52	Benzo(b)fluoranthene	UG/L	10		U		10
MW-52	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-52	Benzo(k)fluoranthene	UG/L	10		U		10
MW-52	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-52	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-52	Bis(2-ethylhexyl)phthalate	UG/L	39	2	JB	J	0.009
MW-52	Butylbenzylphthalate	UG/L	10		U		10
MW-52	Carbazole	UG/L	10		U		10
MW-52	Chrysene	UG/L	10		U		10
MW-52	Di-n-butylphthalate	UG/L	10		U		10
MW-52	Di-n-octylphthalate	UG/L	10		U		10
MW-52	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-52	Dibenzofuran	UG/L	10		U		10
MW-52	Diethylphthalate	UG/L	10		U		10
MW-52	Dimethylphthalate	UG/L	10		U		10
MW-52	Fluoranthene	UG/L	10		U		10
MW-52	Fluorene	UG/L	10		U		10
MW-52	Hexachlorobenzene	UG/L	10		U		10
MW-52	Hexachlorobutadiene	UG/L	10		U		10
MW-52	Hexachlorocyclopentadiene	UG/L	10		U	UJ	10
MW-52	Hexachloroethane	UG/L	10		U		10
MW-52	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-52	Isophorone	UG/L	10		U		10
MW-52	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-52	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-52	Naphthalene	UG/L	10		U		10
MW-52	Nitrobenzene	UG/L	10		U	UJ	10
MW-52	Pentachlorophenol	UG/L	25	3	J	J	0.04
MW-52	Phenanthrene	UG/L	10		U		10
MW-52	Phenol	UG/L	33		U		10
MW-52	Pyrene	UG/L	10		U		10
MW-53	2,2'-oxybis(1-Chloropropane)	UG/L	15		U		10
MW-53	2,4,5-Trichlorophenol	UG/L	38		U		25
MW-53	2,4,6-Trichlorophenol	UG/L	15		U		10
MW-53	2,4-Dichlorophenol	UG/L	15		U		10
MW-53	2,4-Dimethylphenol	UG/L	15		U		10
MW-53	2,4-Dinitrophenol	UG/L	38		U		25
MW-53	2,4-Dinitrotoluene	UG/L	15		U		10
MW-53	2,6-Dinitrotoluene	UG/L	15		U		10
MW-53	2-Chloronaphthalene	UG/L	15		U		10
MW-53	2-Chlorophenol	UG/L	15		U		10
MW-53	2-Methylnaphthalene	UG/L	15		U		10

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Comparison of Results to Baseline Highest Detections
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-53	2-Methylphenol	UG/L	15		U		10
MW-53	2-Nitroaniline	UG/L	38		U		25
MW-53	2-Nitrophenol	UG/L	15		U		10
MW-53	3,3'-Dichlorobenzidine	UG/L	15		U		10
MW-53	3-Nitroaniline	UG/L	38		U		25
MW-53	4,6-Dinitro-2-methylphenol	UG/L	50		U		25
MW-53	4-Bromophenyl-phenylether	UG/L	15		U		10
MW-53	4-Chloro-3-methylphenol	UG/L	15		U		10
MW-53	4-Chloroaniline	UG/L	15		U		10
MW-53	4-Chlorophenyl-phenyl ether	UG/L	15		U		10
MW-53	4-Methylphenol	UG/L	11		U		10
MW-53	4-Nitroaniline	UG/L	38		U	UJ	25
MW-53	4-Nitrophenol	UG/L	38		U		25
MW-53	Acenaphthene	UG/L	15		U		10
MW-53	Acenaphthylene	UG/L	15		U		10
MW-53	Acetophenone	UG/L			U		10
MW-53	Anthracene	UG/L	15		U		10
MW-53	Benzo(a)anthracene	UG/L	15		U		10
MW-53	Benzo(a)pyrene	UG/L	15		U		10
MW-53	Benzo(b)fluoranthene	UG/L	15		U		10
MW-53	Benzo(g,h,i)perylene	UG/L	15		U		10
MW-53	Benzo(k)fluoranthene	UG/L	15		U		10
MW-53	Bis(2-chloroethoxy)methane	UG/L	15		U		10
MW-53	bis(2-chloroethyl) ether	UG/L	15		U		10
MW-53	Bis(2-ethylhexyl)phthalate	UG/L	21		U		10
MW-53	Butylbenzylphthalate	UG/L	15		U		10
MW-53	Carbazole	UG/L	15		U		10
MW-53	Chrysene	UG/L	15		U		10
MW-53	Di-n-butylphthalate	UG/L	15		U		10
MW-53	Di-n-octylphthalate	UG/L	15		U		10
MW-53	Dibenzo(a,h)anthracene	UG/L	15		U		10
MW-53	Dibenzofuran	UG/L	15		U		10
MW-53	Diethylphthalate	UG/L	15		U		10
MW-53	Dimethylphthalate	UG/L	15		U		10
MW-53	Fluoranthene	UG/L	15		U		10
MW-53	Fluorene	UG/L	15		U		10
MW-53	Hexachlorobenzene	UG/L	15		U		10
MW-53	Hexachlorobutadiene	UG/L	15		U		10
MW-53	Hexachlorocyclopentadiene	UG/L	15		U	UJ	10
MW-53	Hexachloroethane	UG/L	15		U		10
MW-53	Indeno(1,2,3-cd)pyrene	UG/L	15		U		10
MW-53	Isophorone	UG/L	10		U		10
MW-53	N-Nitroso-di-n-propylamine	UG/L	15		U		10
MW-53	N-Nitrosodiphenylamine	UG/L	15		U		10
MW-53	Naphthalene	UG/L	15		U		10
MW-53	Nitrobenzene	UG/L	15		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-53	Pentachlorophenol	UG/L	38		U		25
MW-53	Phenanthrene	UG/L	15		U		10
MW-53	Phenol	UG/L	58	6.76	J	J	0.009
MW-53	Pyrene	UG/L	15		U		10
MW-54R	2,2'-oxybis(1-Chloropropane)	UG/L	30		U		10
MW-54R	2,4,5-Trichlorophenol	UG/L	75		U		25
MW-54R	2,4,6-Trichlorophenol	UG/L	30		U		10
MW-54R	2,4-Dichlorophenol	UG/L	30		U		10
MW-54R	2,4-Dimethylphenol	UG/L	30		U		10
MW-54R	2,4-Dinitrophenol	UG/L	75		U		25
MW-54R	2,4-Dinitrotoluene	UG/L	30		U		10
MW-54R	2,6-Dinitrotoluene	UG/L	30		U		10
MW-54R	2-Chloronaphthalene	UG/L	30		U		10
MW-54R	2-Chlorophenol	UG/L	30		U		10
MW-54R	2-Methylnaphthalene	UG/L	30		U		10
MW-54R	2-Methylphenol	UG/L	30		U		10
MW-54R	2-Nitroaniline	UG/L	75		U		25
MW-54R	2-Nitrophenol	UG/L	30		U		10
MW-54R	3,3'-Dichlorobenzidine	UG/L	30		U		10
MW-54R	3-Nitroaniline	UG/L	75		U		25
MW-54R	4,6-Dinitro-2-methylphenol	UG/L	75		U		25
MW-54R	4-Bromophenyl-phenylether	UG/L	30		U		10
MW-54R	4-Chloro-3-methylphenol	UG/L	30		U		10
MW-54R	4-Chloroaniline	UG/L	30		U		10
MW-54R	4-Chlorophenyl-phenyl ether	UG/L	30		U		10
MW-54R	4-Methylphenol	UG/L	30		U		10
MW-54R	4-Nitroaniline	UG/L	75		U	UJ	25
MW-54R	4-Nitrophenol	UG/L	75		U		25
MW-54R	Acenaphthene	UG/L	30		U		10
MW-54R	Acenaphthylene	UG/L	30		U		10
MW-54R	Acetophenone	UG/L			U		10
MW-54R	Anthracene	UG/L	30		U		10
MW-54R	Benzo(a)anthracene	UG/L	30		U		10
MW-54R	Benzo(a)pyrene	UG/L	30		U		10
MW-54R	Benzo(b)fluoranthene	UG/L	30		U		10
MW-54R	Benzo(g,h,i)perylene	UG/L	30		U		10
MW-54R	Benzo(k)fluoranthene	UG/L	30		U		10
MW-54R	Bis(2-chloroethoxy)methane	UG/L	30		U		10
MW-54R	bis(2-chloroethyl) ether	UG/L	30		U		10
MW-54R	Bis(2-ethylhexyl)phthalate	UG/L	39		U		10
MW-54R	Butylbenzylphthalate	UG/L	30		U		10
MW-54R	Carbazole	UG/L	30		U		10
MW-54R	Chrysene	UG/L	30		U		10
MW-54R	Di-n-butylphthalate	UG/L	30		U		10
MW-54R	Di-n-octylphthalate	UG/L	30		U		10
MW-54R	Dibenzo(a,h)anthracene	UG/L	30		U		10

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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-54R	Dibenzofuran	UG/L	30		U		10
MW-54R	Diethylphthalate	UG/L	30		U		10
MW-54R	Dimethylphthalate	UG/L	30		U		10
MW-54R	Fluoranthene	UG/L	30		U		10
MW-54R	Fluorene	UG/L	30		U		10
MW-54R	Hexachlorobenzene	UG/L	30		U		10
MW-54R	Hexachlorobutadiene	UG/L	30		U		10
MW-54R	Hexachlorocyclopentadiene	UG/L	30		U	UJ	10
MW-54R	Hexachloroethane	UG/L	30		U		10
MW-54R	Indeno(1,2,3-cd)pyrene	UG/L	30		U		10
MW-54R	Isophorone	UG/L	30		U		10
MW-54R	N-Nitroso-di-n-propylamine	UG/L	30		U		10
MW-54R	N-Nitrosodiphenylamine	UG/L	30		U		10
MW-54R	Naphthalene	UG/L	30		U		10
MW-54R	Nitrobenzene	UG/L	30		U	UJ	10
MW-54R	Pentachlorophenol	UG/L	75		U		25
MW-54R	Phenanthrene	UG/L	30		U		10
MW-54R	Phenol	UG/L	160		U		10
MW-54R	Pyrene	UG/L	30		U		10
MW-55	2,2'-oxybis(1-Chloropropane)	UG/L	10		U		10
MW-55	2,4,5-Trichlorophenol	UG/L	25		U		25
MW-55	2,4,6-Trichlorophenol	UG/L	10		U		10
MW-55	2,4-Dichlorophenol	UG/L	10		U		10
MW-55	2,4-Dimethylphenol	UG/L	10		U		10
MW-55	2,4-Dinitrophenol	UG/L	25		U	UJ	25
MW-55	2,4-Dinitrotoluene	UG/L	10		U		10
MW-55	2,6-Dinitrotoluene	UG/L	10		U		10
MW-55	2-Chloronaphthalene	UG/L	10		U		10
MW-55	2-Chlorophenol	UG/L	10		U		10
MW-55	2-Methylnaphthalene	UG/L	10		U		10
MW-55	2-Methylphenol	UG/L	10		U		10
MW-55	2-Nitroaniline	UG/L	25		U		25
MW-55	2-Nitrophenol	UG/L	10		U		10
MW-55	3,3'-Dichlorobenzidine	UG/L	10		U		10
MW-55	3-Nitroaniline	UG/L	25		U		25
MW-55	4,6-Dinitro-2-methylphenol	UG/L	25		U		25
MW-55	4-Bromophenyl-phenylether	UG/L	10		U		10
MW-55	4-Chloro-3-methylphenol	UG/L	10		U		10
MW-55	4-Chloroaniline	UG/L	10		U		10
MW-55	4-Chlorophenyl-phenyl ether	UG/L	10		U		10
MW-55	4-Methylphenol	UG/L	10		U		10
MW-55	4-Nitroaniline	UG/L	25		U		25
MW-55	4-Nitrophenol	UG/L	25		U		25
MW-55	Acenaphthene	UG/L	10		U	UJ	10
MW-55	Acenaphthylene	UG/L	10		U		10
MW-55	Acetophenone	UG/L			U		10

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Comparison of Results to Baseline Highest Detections
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American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-55	Anthracene	UG/L	10		U		10
MW-55	Benzo(a)anthracene	UG/L	10		U		10
MW-55	Benzo(a)pyrene	UG/L	10		U		10
MW-55	Benzo(b)fluoranthene	UG/L	10		U		10
MW-55	Benzo(g,h,i)perylene	UG/L	10		U		10
MW-55	Benzo(k)fluoranthene	UG/L	10		U		10
MW-55	Bis(2-chloroethoxy)methane	UG/L	10		U		10
MW-55	bis(2-chloroethyl) ether	UG/L	10		U		10
MW-55	Bis(2-ethylhexyl)phthalate	UG/L	40	1.88	J	J	0.02
MW-55	Butylbenzylphthalate	UG/L	10		U		10
MW-55	Carbazole	UG/L	10		U		10
MW-55	Chrysene	UG/L	10		U		10
MW-55	Di-n-butylphthalate	UG/L	10		U		10
MW-55	Di-n-octylphthalate	UG/L	10		U		10
MW-55	Dibenzo(a,h)anthracene	UG/L	10		U		10
MW-55	Dibenzofuran	UG/L	10		U		10
MW-55	Diethylphthalate	UG/L	10		U		10
MW-55	Dimethylphthalate	UG/L	10		U		10
MW-55	Fluoranthene	UG/L	10		U		10
MW-55	Fluorene	UG/L	10		U		10
MW-55	Hexachlorobenzene	UG/L	10		U		10
MW-55	Hexachlorobutadiene	UG/L	10		U		10
MW-55	Hexachlorocyclopentadiene	UG/L	10		U		10
MW-55	Hexachloroethane	UG/L	10		U		10
MW-55	Indeno(1,2,3-cd)pyrene	UG/L	10		U		10
MW-55	Isophorone	UG/L	10		U		10
MW-55	N-Nitroso-di-n-propylamine	UG/L	10		U		10
MW-55	N-Nitrosodiphenylamine	UG/L	10		U		10
MW-55	Naphthalene	UG/L	10		U		10
MW-55	Nitrobenzene	UG/L	10		U		10
MW-55	Pentachlorophenol	UG/L	25		U		25
MW-55	Phenanthrene	UG/L	10		U		10
MW-55	Phenol	UG/L	39		U		10
MW-55	Pyrene	UG/L	10		U		10

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
ATMW-4D	4,4'-DDD	UG/L			U		0.095
ATMW-4D	4,4'-DDE	UG/L			U		0.095
ATMW-4D	4,4'-DDT	UG/L			U		0.095
ATMW-4D	Aldrin	UG/L			U		0.048
ATMW-4D	alpha-BHC	UG/L			U		0.048
ATMW-4D	alpha-Chlordane	UG/L			U		0.048
ATMW-4D	Aroclor-1016	UG/L			U		0.95
ATMW-4D	Aroclor-1221	UG/L			U		1.9
ATMW-4D	Aroclor-1232	UG/L			U		0.95
ATMW-4D	Aroclor-1242	UG/L			U		0.95
ATMW-4D	Aroclor-1248	UG/L			U		0.95
ATMW-4D	Aroclor-1254	UG/L			U		0.95
ATMW-4D	Aroclor-1260	UG/L			U		0.95
ATMW-4D	beta-BHC	UG/L		0.025	JB	J	0.005
ATMW-4D	delta-BHC	UG/L			U		0.048
ATMW-4D	Dieldrin	UG/L			U	UJ	0.095
ATMW-4D	Endosulfan I	UG/L		0.0025	JBP	J	0.005
ATMW-4D	Endosulfan II	UG/L			U		0.095
ATMW-4D	Endosulfan sulfate	UG/L			U		0.095
ATMW-4D	Endrin	UG/L			U		0.095
ATMW-4D	Endrin aldehyde	UG/L			U		0.095
ATMW-4D	Endrin ketone	UG/L			U		0.095
ATMW-4D	gamma-BHC	UG/L			U	UJ	0.048
ATMW-4D	gamma-Chlordane	UG/L			U		0.048
ATMW-4D	Heptachlor	UG/L			U		0.048
ATMW-4D	Heptachlor epoxide	UG/L			U		0.048
ATMW-4D	Methoxychlor	UG/L			U		0.48
ATMW-4D	Toxaphene	UG/L			U		4.8
M-4S	4,4'-DDD	UG/L	0.10	0.036	JP	J	0.009
M-4S	4,4'-DDE	UG/L	0.10		U		0.091
M-4S	4,4'-DDT	UG/L	0.10		U		0.091
M-4S	Aldrin	UG/L	0.05		U		0.045
M-4S	alpha-BHC	UG/L	0.05		U		0.045
M-4S	alpha-Chlordane	UG/L	0.05		U		0.045
M-4S	Aroclor-1016	UG/L	1.0		U		0.91
M-4S	Aroclor-1221	UG/L	2.0		U		1.8
M-4S	Aroclor-1232	UG/L	1.0		U		0.91
M-4S	Aroclor-1242	UG/L	1.0		U		0.91
M-4S	Aroclor-1248	UG/L	1.0		U		0.91
M-4S	Aroclor-1254	UG/L	1.0		U		0.91
M-4S	Aroclor-1260	UG/L	1.0		U		0.91
M-4S	beta-BHC	UG/L	0.05		U		0.045
M-4S	delta-BHC	UG/L	0.05		U		0.045
M-4S	Dieldrin	UG/L	0.10		U		0.091
M-4S	Endosulfan I	UG/L	0.05		U		0.045
M-4S	Endosulfan II	UG/L	0.10	0.033	JP	J	0.009

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
M-4S	Endosulfan sulfate	UG/L	0.10		U		0.091
M-4S	Endrin	UG/L	0.10	0.0019	JP	J	0.009
M-4S	Endrin aldehyde	UG/L	0.10		U		0.091
M-4S	Endrin ketone	UG/L	0.10	0.0065	JB	J	0.009
M-4S	gamma-BHC	UG/L	0.05	0.015	JB	J	0.004
M-4S	gamma-Chlordane	UG/L	0.05		U		0.045
M-4S	Heptachlor	UG/L	0.05		U		0.045
M-4S	Heptachlor epoxide	UG/L	0.05		U		0.045
M-4S	Methoxychlor	UG/L	0.50	0.0061	JP	J	0.04
M-4S	Toxaphene	UG/L	5.0		U		4.5
MW-06	4,4'-DDD	UG/L	0.10	0.017	JP	J	0.009
MW-06	4,4'-DDE	UG/L	0.10	0.0056	JP	J	0.009
MW-06	4,4'-DDT	UG/L	0.10		U		0.091
MW-06	Aldrin	UG/L	0.05	0.0032	JP	J	0.004
MW-06	alpha-BHC	UG/L	0.05	0.0046	JP	J	0.004
MW-06	alpha-Chlordane	UG/L	0.05	0.0059	JP	J	0.004
MW-06	Aroclor-1016	UG/L	1.0		U		0.91
MW-06	Aroclor-1221	UG/L	2.0		U		1.8
MW-06	Aroclor-1232	UG/L	1.0		U		0.91
MW-06	Aroclor-1242	UG/L	1.0		U		0.91
MW-06	Aroclor-1248	UG/L	1.0		U		0.91
MW-06	Aroclor-1254	UG/L	1.0		U		0.91
MW-06	Aroclor-1260	UG/L	1.0		U		0.91
MW-06	beta-BHC	UG/L	0.05		U		0.045
MW-06	delta-BHC	UG/L	0.05		U		0.045
MW-06	Dieldrin	UG/L	0.10		U		0.091
MW-06	Endosulfan I	UG/L	0.05		U		0.045
MW-06	Endosulfan II	UG/L	0.10		U		0.091
MW-06	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-06	Endrin	UG/L	0.10	0.011	JP	J	0.009
MW-06	Endrin aldehyde	UG/L	0.10		U		0.091
MW-06	Endrin ketone	UG/L	0.10		U		0.091
MW-06	gamma-BHC	UG/L	0.05	0.0044	JP	J	0.004
MW-06	gamma-Chlordane	UG/L	0.05	0.0088	JBP	J	0.004
MW-06	Heptachlor	UG/L	0.05	0.014	JBP	J	0.004
MW-06	Heptachlor epoxide	UG/L	0.05	0.014	JP	J	0.004
MW-06	Methoxychlor	UG/L	0.50		U		0.45
MW-06	Toxaphene	UG/L	5.0		U		4.5
MW-08	4,4'-DDD	UG/L	0.10		U		0.091
MW-08	4,4'-DDE	UG/L	0.10		U		0.091
MW-08	4,4'-DDT	UG/L	0.10		U		0.091
MW-08	Aldrin	UG/L	0.05		U		0.045
MW-08	alpha-BHC	UG/L	0.05		U		0.045
MW-08	alpha-Chlordane	UG/L	0.05		U		0.045
MW-08	Aroclor-1016	UG/L	1.0		U		0.91
MW-08	Aroclor-1221	UG/L	2.0		U		1.8

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Comparison of Results to Baseline Highest Detections
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-08	Aroclor-1232	UG/L	1.0		U		0.91
MW-08	Aroclor-1242	UG/L	1.0		U		0.91
MW-08	Aroclor-1248	UG/L	1.0		U		0.91
MW-08	Aroclor-1254	UG/L	1.0		U		0.91
MW-08	Aroclor-1260	UG/L	1.0		U		0.91
MW-08	beta-BHC	UG/L	0.05	0.0057	JBP	J	0.004
MW-08	delta-BHC	UG/L	0.05		U		0.045
MW-08	Dieldrin	UG/L	0.10		U		0.091
MW-08	Endosulfan I	UG/L	0.05		U		0.045
MW-08	Endosulfan II	UG/L	0.10		U		0.091
MW-08	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-08	Endrin	UG/L	0.10		U		0.091
MW-08	Endrin aldehyde	UG/L	0.10		U		0.091
MW-08	Endrin ketone	UG/L	0.10		U		0.091
MW-08	gamma-BHC	UG/L	0.05		U		0.045
MW-08	gamma-Chlordane	UG/L	0.05		U		0.045
MW-08	Heptachlor	UG/L	0.05		U		0.045
MW-08	Heptachlor epoxide	UG/L	0.05	0.0067	JB	J	0.004
MW-08	Methoxychlor	UG/L	0.50		U		0.45
MW-08	Toxaphene	UG/L	5.0		U		4.5
MW-09R	4,4'-DDD	UG/L	0.10		U		0.091
MW-09R	4,4'-DDE	UG/L	0.10		U		0.091
MW-09R	4,4'-DDT	UG/L	0.10		U		0.091
MW-09R	Aldrin	UG/L	0.05		U		0.045
MW-09R	alpha-BHC	UG/L	0.05	0.03	J		0.004
MW-09R	alpha-Chlordane	UG/L	0.05	0.0084	JP		0.004
MW-09R	Aroclor-1016	UG/L	1.0		U		0.91
MW-09R	Aroclor-1221	UG/L	2.0		U		1.8
MW-09R	Aroclor-1232	UG/L	1.0		U		0.91
MW-09R	Aroclor-1242	UG/L	1.0		U		0.91
MW-09R	Aroclor-1248	UG/L	1.0		U		0.91
MW-09R	Aroclor-1254	UG/L	1.0		U		0.91
MW-09R	Aroclor-1260	UG/L	1.0		U		0.91
MW-09R	beta-BHC	UG/L	0.05		U		0.045
MW-09R	delta-BHC	UG/L	0.05	0.034	J		0.004
MW-09R	Dieldrin	UG/L	0.10		U		0.091
MW-09R	Endosulfan I	UG/L	0.05		U		0.045
MW-09R	Endosulfan II	UG/L	0.10		U		0.091
MW-09R	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-09R	Endrin	UG/L	0.10	0.01	J		0.009
MW-09R	Endrin aldehyde	UG/L	0.10		U		0.091
MW-09R	Endrin ketone	UG/L	0.10		U		0.091
MW-09R	gamma-BHC	UG/L	0.05		U		0.045
MW-09R	gamma-Chlordane	UG/L	0.05	0.0078	JBP		0.004
MW-09R	Heptachlor	UG/L	0.05		U		0.045
MW-09R	Heptachlor epoxide	UG/L	0.05		U		0.045

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Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-09R	Methoxychlor	UG/L	0.50	0.0093	JP		0.04
MW-09R	Toxaphene	UG/L	5.0		U		4.5
MW-10C	4,4'-DDD	UG/L	0.10		U		0.091
MW-10C	4,4'-DDE	UG/L	0.10		U		0.091
MW-10C	4,4'-DDT	UG/L	0.10		U		0.091
MW-10C	Aldrin	UG/L	0.05		U		0.045
MW-10C	alpha-BHC	UG/L	0.05	0.0034	JP	J	0.004
MW-10C	alpha-Chlordane	UG/L	0.05		U		0.045
MW-10C	Aroclor-1016	UG/L	1.0		U		0.91
MW-10C	Aroclor-1221	UG/L	2.0		U		1.8
MW-10C	Aroclor-1232	UG/L	1.0		U		0.91
MW-10C	Aroclor-1242	UG/L	1.0		U		0.91
MW-10C	Aroclor-1248	UG/L	1.0		U		0.91
MW-10C	Aroclor-1254	UG/L	1.0		U		0.91
MW-10C	Aroclor-1260	UG/L	1.0		U		0.91
MW-10C	beta-BHC	UG/L	0.05	0.013	JB	J	0.004
MW-10C	delta-BHC	UG/L	0.05	0.0094	JP	J	0.004
MW-10C	Dieldrin	UG/L	0.10		U		0.091
MW-10C	Endosulfan I	UG/L	0.05		U		0.045
MW-10C	Endosulfan II	UG/L	0.10		U		0.091
MW-10C	Endosulfan sulfate	UG/L	0.10	0.00096	JP	J	0.009
MW-10C	Endrin	UG/L	0.10		U		0.091
MW-10C	Endrin aldehyde	UG/L	0.10		U		0.091
MW-10C	Endrin ketone	UG/L	0.10		U		0.091
MW-10C	gamma-BHC	UG/L	0.05		U		0.045
MW-10C	gamma-Chlordane	UG/L	0.05		U		0.045
MW-10C	Heptachlor	UG/L	0.05		U		0.045
MW-10C	Heptachlor epoxide	UG/L	0.05	0.002	JBP	J	0.004
MW-10C	Methoxychlor	UG/L	0.50		U		0.45
MW-10C	Toxaphene	UG/L	5.0		U		4.5
MW-13	4,4'-DDD	UG/L	0.10		U		0.089
MW-13	4,4'-DDE	UG/L	0.10	0.00094	JBP	J	0.009
MW-13	4,4'-DDT	UG/L	0.10		U		0.089
MW-13	Aldrin	UG/L	0.05		U		0.044
MW-13	alpha-BHC	UG/L	0.05		U		0.044
MW-13	alpha-Chlordane	UG/L	0.05		U		0.044
MW-13	Aroclor-1016	UG/L	1.0		U		0.89
MW-13	Aroclor-1221	UG/L	2.0		U		1.8
MW-13	Aroclor-1232	UG/L	1.0		U		0.89
MW-13	Aroclor-1242	UG/L	1.0		U		0.89
MW-13	Aroclor-1248	UG/L	1.0		U		0.89
MW-13	Aroclor-1254	UG/L	1.0		U		0.89
MW-13	Aroclor-1260	UG/L	1.0		U		0.89
MW-13	beta-BHC	UG/L	0.05		U		0.044
MW-13	delta-BHC	UG/L	0.05		U		0.044
MW-13	Dieldrin	UG/L	0.10		U		0.089

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				Result	LQ	DQ	Detect Limit
MW-13	Endosulfan I	UG/L	0.05		U		0.044
MW-13	Endosulfan II	UG/L	0.10		U		0.089
MW-13	Endosulfan sulfate	UG/L	0.10		U		0.089
MW-13	Endrin	UG/L	0.10	0.00084	JP	J	0.009
MW-13	Endrin aldehyde	UG/L	0.10		U		0.089
MW-13	Endrin ketone	UG/L	0.10		U		0.089
MW-13	gamma-BHC	UG/L	0.05		U		0.044
MW-13	gamma-Chlordane	UG/L	0.05		U		0.044
MW-13	Heptachlor	UG/L	0.05		U		0.044
MW-13	Heptachlor epoxide	UG/L	0.05	0.0094	JBP	J	0.004
MW-13	Methoxychlor	UG/L	0.50		U		0.44
MW-13	Toxaphene	UG/L	5.0		U		4.4
MW-14	4,4'-DDD	UG/L	0.10		U		0.091
MW-14	4,4'-DDE	UG/L	0.10		U		0.091
MW-14	4,4'-DDT	UG/L	0.10		U		0.091
MW-14	Aldrin	UG/L	0.05	0.014	JP	J	0.004
MW-14	alpha-BHC	UG/L	0.05	0.0075	JP	J	0.004
MW-14	alpha-Chlordane	UG/L	0.05	0.0051	JP	J	0.004
MW-14	Aroclor-1016	UG/L	1.0		U		0.91
MW-14	Aroclor-1221	UG/L	2.0		U		1.8
MW-14	Aroclor-1232	UG/L	1.0		U		0.91
MW-14	Aroclor-1242	UG/L	1.0		U		0.91
MW-14	Aroclor-1248	UG/L	1.0		U		0.91
MW-14	Aroclor-1254	UG/L	1.0		U		0.91
MW-14	Aroclor-1260	UG/L	1.0		U		0.91
MW-14	beta-BHC	UG/L	0.05	0.014	JBP	J	0.004
MW-14	delta-BHC	UG/L	0.05	0.015	JP	J	0.004
MW-14	Dieldrin	UG/L	0.10		U		0.091
MW-14	Endosulfan I	UG/L	0.05		U		0.045
MW-14	Endosulfan II	UG/L	0.10	0.0019	JP	J	0.009
MW-14	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-14	Endrin	UG/L	0.10	0.0045	JP	J	0.009
MW-14	Endrin aldehyde	UG/L	0.10		U		0.091
MW-14	Endrin ketone	UG/L	0.10		U		0.091
MW-14	gamma-BHC	UG/L	0.05		U		0.045
MW-14	gamma-Chlordane	UG/L	0.05	0.0077	JBP	J	0.004
MW-14	Heptachlor	UG/L	0.05		U		0.045
MW-14	Heptachlor epoxide	UG/L	0.05	0.035	JB	J	0.004
MW-14	Methoxychlor	UG/L	0.50	0.0077	JP	J	0.04
MW-14	Toxaphene	UG/L	5.0		U		4.5
MW-15	4,4'-DDD	UG/L	0.10		U		0.091
MW-15	4,4'-DDE	UG/L	0.10		U		0.091
MW-15	4,4'-DDT	UG/L	0.10		U		0.091
MW-15	Aldrin	UG/L	0.05		U		0.045
MW-15	alpha-BHC	UG/L	0.05		U		0.045
MW-15	alpha-Chlordane	UG/L	0.05		U		0.045

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1252042.221601

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-15	Aroclor-1016	UG/L	1.0		U		0.91
MW-15	Aroclor-1221	UG/L	2.0		U		1.8
MW-15	Aroclor-1232	UG/L	1.0		U		0.91
MW-15	Aroclor-1242	UG/L	1.0		U		0.91
MW-15	Aroclor-1248	UG/L	1.0		U		0.91
MW-15	Aroclor-1254	UG/L	1.0		U		0.91
MW-15	Aroclor-1260	UG/L	1.0		U		0.91
MW-15	beta-BHC	UG/L	0.05	0.021	JP	J	0.004
MW-15	delta-BHC	UG/L	0.05		U		0.045
MW-15	Dieldrin	UG/L	0.10		U		0.091
MW-15	Endosulfan I	UG/L	0.05		U		0.045
MW-15	Endosulfan II	UG/L	0.10		U		0.091
MW-15	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-15	Endrin	UG/L	0.10		U		0.091
MW-15	Endrin aldehyde	UG/L	0.10		U		0.091
MW-15	Endrin ketone	UG/L	0.10		U		0.091
MW-15	gamma-BHC	UG/L	0.05	0.028	JP	J	0.004
MW-15	gamma-Chlordane	UG/L	0.05		U		0.045
MW-15	Heptachlor	UG/L	0.05	0.0052	JP	J	0.004
MW-15	Heptachlor epoxide	UG/L	0.05		U		0.045
MW-15	Methoxychlor	UG/L	0.50		U		0.45
MW-15	Toxaphene	UG/L	5.0		U		4.5
MW-19	4,4'-DDD	UG/L	0.10		U		0.093
MW-19	4,4'-DDE	UG/L	0.10	0.0038	JBP	J	0.009
MW-19	4,4'-DDT	UG/L	0.10		U		0.093
MW-19	Aldrin	UG/L	0.05	0.0035	JP	J	0.005
MW-19	alpha-BHC	UG/L	0.05	0.0035	JBP	J	0.005
MW-19	alpha-Chlordane	UG/L	0.05	0.0048	JP	J	0.005
MW-19	Aroclor-1016	UG/L	1.0		U		0.93
MW-19	Aroclor-1221	UG/L	2.0		U		1.9
MW-19	Aroclor-1232	UG/L	1.0		U		0.93
MW-19	Aroclor-1242	UG/L	1.0		U		0.93
MW-19	Aroclor-1248	UG/L	1.0		U		0.93
MW-19	Aroclor-1254	UG/L	1.0		U		0.93
MW-19	Aroclor-1260	UG/L	1.0		U		0.93
MW-19	beta-BHC	UG/L	0.05	**0.051**	DJB	J	0.047
MW-19	delta-BHC	UG/L	0.05		U		0.047
MW-19	Dieldrin	UG/L	0.10	0.047	DJ	J	0.09
MW-19	Endosulfan I	UG/L	0.05		U		0.047
MW-19	Endosulfan II	UG/L	0.10	0.0035	JP	J	0.009
MW-19	Endosulfan sulfate	UG/L	0.10		U		0.093
MW-19	Endrin	UG/L	0.10		U		0.093
MW-19	Endrin aldehyde	UG/L	0.10		U		0.093
MW-19	Endrin ketone	UG/L	0.10		U		0.093
MW-19	gamma-BHC	UG/L	0.05		U		0.047
MW-19	gamma-Chlordane	UG/L	0.05		U		0.047

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Comparison of Results to Baseline Highest Detections
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Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-19	Heptachlor	UG/L	0.05		U		0.047
MW-19	Heptachlor epoxide	UG/L	0.05	0.0098	DJBP	J	0.05
MW-19	Methoxychlor	UG/L	0.50	0.0029	JBP	J	0.05
MW-19	Toxaphene	UG/L	5.0		U		4.7
MW-23	4,4'-DDD	UG/L	0.10		U		0.091
MW-23	4,4'-DDE	UG/L	0.10		U		0.091
MW-23	4,4'-DDT	UG/L	0.10		U		0.091
MW-23	Aldrin	UG/L	0.05		U		0.045
MW-23	alpha-BHC	UG/L	0.05		U		0.045
MW-23	alpha-Chlordane	UG/L	0.05		U		0.045
MW-23	Aroclor-1016	UG/L	1.0		U		0.91
MW-23	Aroclor-1221	UG/L	2.0		U		1.8
MW-23	Aroclor-1232	UG/L	1.0		U		0.91
MW-23	Aroclor-1242	UG/L	1.0		U		0.91
MW-23	Aroclor-1248	UG/L	1.0		U		0.91
MW-23	Aroclor-1254	UG/L	1.0		U		0.91
MW-23	Aroclor-1260	UG/L	1.0		U		0.91
MW-23	beta-BHC	UG/L	0.05	0.012	JB	J	0.004
MW-23	delta-BHC	UG/L	0.05		U		0.045
MW-23	Dieldrin	UG/L	0.10		U		0.091
MW-23	Endosulfan I	UG/L	0.05		U		0.045
MW-23	Endosulfan II	UG/L	0.10		U		0.091
MW-23	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-23	Endrin	UG/L	0.10		U		0.091
MW-23	Endrin aldehyde	UG/L	0.10		U		0.091
MW-23	Endrin ketone	UG/L	0.10		U		0.091
MW-23	gamma-BHC	UG/L	0.05	0.0011	JBP	J	0.004
MW-23	gamma-Chlordane	UG/L	0.05		U		0.045
MW-23	Heptachlor	UG/L	0.05		U		0.045
MW-23	Heptachlor epoxide	UG/L	0.05	0.0012	JBP	J	0.004
MW-23	Methoxychlor	UG/L	0.50		U		0.45
MW-23	Toxaphene	UG/L	5.0		U		4.5
MW-24	4,4'-DDD	UG/L	0.10		U		0.089
MW-24	4,4'-DDE	UG/L	0.10		U		0.089
MW-24	4,4'-DDT	UG/L	0.10		U		0.089
MW-24	Aldrin	UG/L	0.05		U		0.044
MW-24	alpha-BHC	UG/L	0.05		U		0.044
MW-24	alpha-Chlordane	UG/L	0.05		U		0.044
MW-24	Aroclor-1016	UG/L	1.0		U		0.89
MW-24	Aroclor-1221	UG/L	2.0		U		1.8
MW-24	Aroclor-1232	UG/L	1.0		U		0.89
MW-24	Aroclor-1242	UG/L	1.0		U		0.89
MW-24	Aroclor-1248	UG/L	1.0		U		0.89
MW-24	Aroclor-1254	UG/L	1.0		U		0.89
MW-24	Aroclor-1260	UG/L	1.0		U		0.89
MW-24	beta-BHC	UG/L	0.05	0.0068	JBP	J	0.004

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				Result	LQ	DQ	Detect Limit
MW-24	delta-BHC	UG/L	0.05		U		0.044
MW-24	Dieldrin	UG/L	0.10		U		0.089
MW-24	Endosulfan I	UG/L	0.05		U		0.044
MW-24	Endosulfan II	UG/L	0.10		U		0.089
MW-24	Endosulfan sulfate	UG/L	0.10		U		0.089
MW-24	Endrin	UG/L	0.10		U		0.089
MW-24	Endrin aldehyde	UG/L	0.10		U		0.089
MW-24	Endrin ketone	UG/L	0.10		U		0.089
MW-24	gamma-BHC	UG/L	0.05		U		0.044
MW-24	gamma-Chlordane	UG/L	0.05		U		0.044
MW-24	Heptachlor	UG/L	0.05	0.0032	JBP	J	0.004
MW-24	Heptachlor epoxide	UG/L	0.05	0.0035	JBP	J	0.004
MW-24	Methoxychlor	UG/L	0.50		U		0.44
MW-24	Toxaphene	UG/L	5.0		U		4.4
MW-28	4,4'-DDD	UG/L	0.10		U		0.091
MW-28	4,4'-DDE	UG/L	0.10		U		0.091
MW-28	4,4'-DDT	UG/L	0.10		U		0.091
MW-28	Aldrin	UG/L	0.05		U		0.045
MW-28	alpha-BHC	UG/L	0.05		U		0.045
MW-28	alpha-Chlordane	UG/L	0.05		U		0.045
MW-28	Aroclor-1016	UG/L	1.0		U		0.91
MW-28	Aroclor-1221	UG/L	2.0		U		1.8
MW-28	Aroclor-1232	UG/L	1.0		U		0.91
MW-28	Aroclor-1242	UG/L	1.0		U		0.91
MW-28	Aroclor-1248	UG/L	1.0		U		0.91
MW-28	Aroclor-1254	UG/L	1.0		U		0.91
MW-28	Aroclor-1260	UG/L	1.0		U		0.91
MW-28	beta-BHC	UG/L	0.05		U		0.045
MW-28	delta-BHC	UG/L	0.05	0.0022	JP	J	0.004
MW-28	Dieldrin	UG/L	0.10		U		0.091
MW-28	Endosulfan I	UG/L	0.05		U		0.045
MW-28	Endosulfan II	UG/L	0.10		U		0.091
MW-28	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-28	Endrin	UG/L	0.10		U		0.091
MW-28	Endrin aldehyde	UG/L	0.10		U		0.091
MW-28	Endrin ketone	UG/L	0.10		U		0.091
MW-28	gamma-BHC	UG/L	0.05		U		0.045
MW-28	gamma-Chlordane	UG/L	0.05		U		0.045
MW-28	Heptachlor	UG/L	0.05		U		0.045
MW-28	Heptachlor epoxide	UG/L	0.05		U		0.045
MW-28	Methoxychlor	UG/L	0.50		U		0.45
MW-28	Toxaphene	UG/L	5.0		U		4.5
MW-29	4,4'-DDD	UG/L	0.10		U		0.091
MW-29	4,4'-DDE	UG/L	0.10		U		0.091
MW-29	4,4'-DDT	UG/L	0.10		U	UJ	0.091
MW-29	Aldrin	UG/L	0.05		U		0.045

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				Result	LQ	DQ	Detect Limit
MW-29	alpha-BHC	UG/L	0.05		U		0.045
MW-29	alpha-Chlordane	UG/L	0.05		U		0.045
MW-29	Aroclor-1016	UG/L	1.0		U		0.91
MW-29	Aroclor-1221	UG/L	2.0		U		1.8
MW-29	Aroclor-1232	UG/L	1.0		U		0.91
MW-29	Aroclor-1242	UG/L	1.0		U		0.91
MW-29	Aroclor-1248	UG/L	1.0		U		0.91
MW-29	Aroclor-1254	UG/L	1.0		U		0.91
MW-29	Aroclor-1260	UG/L	1.0		U		0.91
MW-29	beta-BHC	UG/L	0.05		U		0.045
MW-29	delta-BHC	UG/L	0.05		U		0.045
MW-29	Dieldrin	UG/L	0.10		U	UJ	0.091
MW-29	Endosulfan I	UG/L	0.05		U		0.045
MW-29	Endosulfan II	UG/L	0.10		U		0.091
MW-29	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-29	Endrin	UG/L	0.10		U	UJ	0.091
MW-29	Endrin aldehyde	UG/L	0.10		U		0.091
MW-29	Endrin ketone	UG/L	0.10		U		0.091
MW-29	gamma-BHC	UG/L	0.05		U	UJ	0.045
MW-29	gamma-Chlordane	UG/L	0.05		U		0.045
MW-29	Heptachlor	UG/L	0.05		U	UJ	0.045
MW-29	Heptachlor epoxide	UG/L	0.05	0.0066	JBP	J	0.004
MW-29	Methoxychlor	UG/L	0.50		U		0.45
MW-29	Toxaphene	UG/L	5.0		U		4.5
MW-30	4,4'-DDD	UG/L	0.10		U		0.096
MW-30	4,4'-DDE	UG/L	0.10		U		0.096
MW-30	4,4'-DDT	UG/L	0.10		U		0.096
MW-30	Aldrin	UG/L	0.05	0.0061	JP	J	0.005
MW-30	alpha-BHC	UG/L	0.05	0.0027	JBP	J	0.005
MW-30	alpha-Chlordane	UG/L	0.05		U		0.048
MW-30	Aroclor-1016	UG/L	1.0		U		0.96
MW-30	Aroclor-1221	UG/L	2.0		U		1.9
MW-30	Aroclor-1232	UG/L	1.0		U		0.96
MW-30	Aroclor-1242	UG/L	1.0		U		0.96
MW-30	Aroclor-1248	UG/L	1.0		U		0.96
MW-30	Aroclor-1254	UG/L	1.0		U		0.96
MW-30	Aroclor-1260	UG/L	1.0		U		0.96
MW-30	beta-BHC	UG/L	0.05		U		0.048
MW-30	delta-BHC	UG/L	0.05	0.0054	JP	J	0.005
MW-30	Dieldrin	UG/L	0.10	0.0016	J	J	0.1
MW-30	Endosulfan I	UG/L	0.05	0.0034	JB	J	0.005
MW-30	Endosulfan II	UG/L	0.10		U		0.096
MW-30	Endosulfan sulfate	UG/L	0.10		U		0.096
MW-30	Endrin	UG/L	0.10	0.00095	JP	J	0.01
MW-30	Endrin aldehyde	UG/L	0.10		U		0.096
MW-30	Endrin ketone	UG/L	0.10	0.0077	JP	J	0.01

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				Result	LQ	DQ	Detect Limit
MW-30	gamma-BHC	UG/L	0.05		U		0.048
MW-30	gamma-Chlordane	UG/L	0.05		U		0.048
MW-30	Heptachlor	UG/L	0.05		U		0.048
MW-30	Heptachlor epoxide	UG/L	0.05	0.0057	JBP	J	0.005
MW-30	Methoxychlor	UG/L	0.50		U		0.48
MW-30	Toxaphene	UG/L	5.0		U		4.8
MW-31	4,4'-DDD	UG/L	0.10		U		0.089
MW-31	4,4'-DDE	UG/L	0.10		U		0.089
MW-31	4,4'-DDT	UG/L	0.10		U		0.089
MW-31	Aldrin	UG/L	0.05		U		0.044
MW-31	alpha-BHC	UG/L	0.05	0.0011	JP	J	0.004
MW-31	alpha-Chlordane	UG/L	0.05		U		0.044
MW-31	Aroclor-1016	UG/L	1.0		U		0.89
MW-31	Aroclor-1221	UG/L	2.0		U		1.8
MW-31	Aroclor-1232	UG/L	1.0		U		0.89
MW-31	Aroclor-1242	UG/L	1.0		U		0.89
MW-31	Aroclor-1248	UG/L	1.0		U		0.89
MW-31	Aroclor-1254	UG/L	1.0		U		0.89
MW-31	Aroclor-1260	UG/L	1.0		U		0.89
MW-31	beta-BHC	UG/L	0.05	0.004	JBP	J	0.004
MW-31	delta-BHC	UG/L	0.05		U		0.044
MW-31	Dieldrin	UG/L	0.10		U		0.089
MW-31	Endosulfan I	UG/L	0.05		U		0.044
MW-31	Endosulfan II	UG/L	0.10		U		0.089
MW-31	Endosulfan sulfate	UG/L	0.10		U		0.089
MW-31	Endrin	UG/L	0.10		U		0.089
MW-31	Endrin aldehyde	UG/L	0.10		U		0.089
MW-31	Endrin ketone	UG/L	0.10		U		0.089
MW-31	gamma-BHC	UG/L	0.05		U		0.044
MW-31	gamma-Chlordane	UG/L	0.05		U		0.044
MW-31	Heptachlor	UG/L	0.05		U		0.044
MW-31	Heptachlor epoxide	UG/L	0.05	0.0025	JBP	J	0.004
MW-31	Methoxychlor	UG/L	0.50		U		0.44
MW-31	Toxaphene	UG/L	5.0		U		4.4
MW-32	4,4'-DDD	UG/L	0.10		U		0.091
MW-32	4,4'-DDE	UG/L	0.10		U		0.091
MW-32	4,4'-DDT	UG/L	0.10		U		0.091
MW-32	Aldrin	UG/L	0.05		U		0.045
MW-32	alpha-BHC	UG/L	0.05		U		0.045
MW-32	alpha-Chlordane	UG/L	0.05		U		0.045
MW-32	Aroclor-1016	UG/L	1.0		U		0.91
MW-32	Aroclor-1221	UG/L	2.0		U		1.8
MW-32	Aroclor-1232	UG/L	1.0		U		0.91
MW-32	Aroclor-1242	UG/L	1.0		U		0.91
MW-32	Aroclor-1248	UG/L	1.0		U		0.91
MW-32	Aroclor-1254	UG/L	1.0		U		0.91

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American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-32	Aroclor-1260	UG/L	1.0		U		0.91
MW-32	beta-BHC	UG/L	0.05	0.0027	JBP	J	0.004
MW-32	delta-BHC	UG/L	0.05	0.00086	JP	J	0.004
MW-32	Dieldrin	UG/L	0.10		U		0.091
MW-32	Endosulfan I	UG/L	0.05		U		0.045
MW-32	Endosulfan II	UG/L	0.10		U		0.091
MW-32	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-32	Endrin	UG/L	0.10		U		0.091
MW-32	Endrin aldehyde	UG/L	0.10		U		0.091
MW-32	Endrin ketone	UG/L	0.10		U		0.091
MW-32	gamma-BHC	UG/L	0.05		U		0.045
MW-32	gamma-Chlordane	UG/L	0.05		U		0.045
MW-32	Heptachlor	UG/L	0.05		U		0.045
MW-32	Heptachlor epoxide	UG/L	0.05	0.0015	JBP	J	0.004
MW-32	Methoxychlor	UG/L	0.50		U		0.45
MW-32	Toxaphene	UG/L	5.0		U		4.5
MW-33	4,4'-DDD	UG/L	0.10		U		0.091
MW-33	4,4'-DDE	UG/L	0.10		U		0.091
MW-33	4,4'-DDT	UG/L	0.10		U		0.091
MW-33	Aldrin	UG/L	0.05		U		0.045
MW-33	alpha-BHC	UG/L	0.05	0.0044	JBP	J	0.004
MW-33	alpha-Chlordane	UG/L	0.05		U		0.045
MW-33	Aroclor-1016	UG/L	1.0		U		0.91
MW-33	Aroclor-1221	UG/L	2.0		U		1.8
MW-33	Aroclor-1232	UG/L	1.0		U		0.91
MW-33	Aroclor-1242	UG/L	1.0		U		0.91
MW-33	Aroclor-1248	UG/L	1.0		U		0.91
MW-33	Aroclor-1254	UG/L	1.0		U		0.91
MW-33	Aroclor-1260	UG/L	1.0		U		0.91
MW-33	beta-BHC	UG/L	0.05	0.021	JBP	J	0.004
MW-33	delta-BHC	UG/L	0.05	0.011	JP	J	0.004
MW-33	Dieldrin	UG/L	0.10	0.0019	JP	J	0.009
MW-33	Endosulfan I	UG/L	0.05		U		0.045
MW-33	Endosulfan II	UG/L	0.10		U		0.091
MW-33	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-33	Endrin	UG/L	0.10	0.00098	JBP	J	0.009
MW-33	Endrin aldehyde	UG/L	0.10		U		0.091
MW-33	Endrin ketone	UG/L	0.10		U		0.091
MW-33	gamma-BHC	UG/L	0.05		U		0.045
MW-33	gamma-Chlordane	UG/L	0.05		U		0.045
MW-33	Heptachlor	UG/L	0.05		U		0.045
MW-33	Heptachlor epoxide	UG/L	0.05	0.0068	JBP	J	0.004
MW-33	Methoxychlor	UG/L	0.50		U		0.45
MW-33	Toxaphene	UG/L	5.0		U		4.5
MW-37	4,4'-DDD	UG/L	0.10		U		0.089
MW-37	4,4'-DDE	UG/L	0.10		U		0.089

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-37	4,4'-DDT	UG/L	0.10		U		0.089
MW-37	Aldrin	UG/L	0.05		U		0.044
MW-37	alpha-BHC	UG/L	0.05		U		0.044
MW-37	alpha-Chlordane	UG/L	0.05		U		0.044
MW-37	Aroclor-1016	UG/L	1.0		U		0.89
MW-37	Aroclor-1221	UG/L	2.0		U		1.8
MW-37	Aroclor-1232	UG/L	1.0		U		0.89
MW-37	Aroclor-1242	UG/L	1.0		U		0.89
MW-37	Aroclor-1248	UG/L	1.0		U		0.89
MW-37	Aroclor-1254	UG/L	1.0		U		0.89
MW-37	Aroclor-1260	UG/L	1.0		U		0.89
MW-37	beta-BHC	UG/L	0.05	0.0071	JBP	J	0.004
MW-37	delta-BHC	UG/L	0.05		U		0.044
MW-37	Dieldrin	UG/L	0.10		U		0.089
MW-37	Endosulfan I	UG/L	0.05		U		0.044
MW-37	Endosulfan II	UG/L	0.10		U		0.089
MW-37	Endosulfan sulfate	UG/L	0.10		U		0.089
MW-37	Endrin	UG/L	0.10		U		0.089
MW-37	Endrin aldehyde	UG/L	0.10		U		0.089
MW-37	Endrin ketone	UG/L	0.10		U		0.089
MW-37	gamma-BHC	UG/L	0.05		U		0.044
MW-37	gamma-Chlordane	UG/L	0.05		U		0.044
MW-37	Heptachlor	UG/L	0.05	0.0044	JB	J	0.004
MW-37	Heptachlor epoxide	UG/L	0.05	0.0034	JBP	J	0.004
MW-37	Methoxychlor	UG/L	0.50		U		0.44
MW-37	Toxaphene	UG/L	5.0		U		4.4
MW-38	4,4'-DDD	UG/L	0.10		U		0.1
MW-38	4,4'-DDE	UG/L	0.10		U		0.1
MW-38	4,4'-DDT	UG/L	0.10		U		0.1
MW-38	Aldrin	UG/L	0.05		U		0.05
MW-38	alpha-BHC	UG/L	0.05		U		0.05
MW-38	alpha-Chlordane	UG/L	0.05		U		0.05
MW-38	Aroclor-1016	UG/L	1.0		U		1
MW-38	Aroclor-1221	UG/L	2.0		U		2
MW-38	Aroclor-1232	UG/L	1.0		U		1
MW-38	Aroclor-1242	UG/L	1.0		U		1
MW-38	Aroclor-1248	UG/L	1.0		U		1
MW-38	Aroclor-1254	UG/L	1.0		U		1
MW-38	Aroclor-1260	UG/L	1.0		U		1
MW-38	beta-BHC	UG/L	0.05		U		0.05
MW-38	delta-BHC	UG/L	0.05		U		0.05
MW-38	Dieldrin	UG/L	0.10		U		0.1
MW-38	Endosulfan I	UG/L	0.05		U		0.05
MW-38	Endosulfan II	UG/L	0.10		U		0.1
MW-38	Endosulfan sulfate	UG/L	0.10		U		0.1
MW-38	Endrin	UG/L	0.10		U		0.1

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Comparison of Results to Baseline Highest Detections
March 2000
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-38	Endrin aldehyde	UG/L	0.10		U		0.1
MW-38	Endrin ketone	UG/L	0.10		U		0.1
MW-38	gamma-BHC	UG/L	0.05	0.0022	JP	J	0.005
MW-38	gamma-Chlordane	UG/L	0.05		U		0.05
MW-38	Heptachlor	UG/L	0.05		U		0.05
MW-38	Heptachlor epoxide	UG/L	0.05		U		0.05
MW-38	Methoxychlor	UG/L	0.50		U		0.5
MW-38	Toxaphene	UG/L	5.0		U		5
MW-39	4,4'-DDD	UG/L	0.10		U		0.098
MW-39	4,4'-DDE	UG/L	0.10		U		0.098
MW-39	4,4'-DDT	UG/L	0.10		U		0.098
MW-39	Aldrin	UG/L	0.05		U		0.049
MW-39	alpha-BHC	UG/L	0.05		U		0.049
MW-39	alpha-Chlordane	UG/L	0.05		U		0.049
MW-39	Aroclor-1016	UG/L	1.0		U		0.98
MW-39	Aroclor-1221	UG/L	2.0		U		2
MW-39	Aroclor-1232	UG/L	1.0		U		0.98
MW-39	Aroclor-1242	UG/L	1.0		U		0.98
MW-39	Aroclor-1248	UG/L	1.0		U		0.98
MW-39	Aroclor-1254	UG/L	1.0		U		0.98
MW-39	Aroclor-1260	UG/L	1.0		U		0.98
MW-39	beta-BHC	UG/L	0.05		U		0.049
MW-39	delta-BHC	UG/L	0.05		U		0.049
MW-39	Dieldrin	UG/L	0.10		U		0.098
MW-39	Endosulfan I	UG/L	0.05		U		0.049
MW-39	Endosulfan II	UG/L	0.10		U		0.098
MW-39	Endosulfan sulfate	UG/L	0.10		U		0.098
MW-39	Endrin	UG/L	0.10		U		0.098
MW-39	Endrin aldehyde	UG/L	0.10		U		0.098
MW-39	Endrin ketone	UG/L	0.10		U		0.098
MW-39	gamma-BHC	UG/L	0.05	0.015	J	J	0.005
MW-39	gamma-Chlordane	UG/L	0.05		U		0.049
MW-39	Heptachlor	UG/L	0.05		U		0.049
MW-39	Heptachlor epoxide	UG/L	0.05		U		0.049
MW-39	Methoxychlor	UG/L	0.50		U		0.49
MW-39	Toxaphene	UG/L	5.0		U		4.9
MW-41	4,4'-DDD	UG/L	0.10		U		0.091
MW-41	4,4'-DDE	UG/L	0.10		U		0.091
MW-41	4,4'-DDT	UG/L	0.10		U		0.091
MW-41	Aldrin	UG/L	0.05		U		0.045
MW-41	alpha-BHC	UG/L	0.05	0.011	JP	J	0.004
MW-41	alpha-Chlordane	UG/L	0.05		U		0.045
MW-41	Aroclor-1016	UG/L	1.0		U		0.91
MW-41	Aroclor-1221	UG/L	2.0		U		1.8
MW-41	Aroclor-1232	UG/L	1.0		U		0.91
MW-41	Aroclor-1242	UG/L	1.0		U		0.91

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Comparison of Results to Baseline Highest Detections
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-41	Aroclor-1248	UG/L	1.0		U		0.91
MW-41	Aroclor-1254	UG/L	1.0		U		0.91
MW-41	Aroclor-1260	UG/L	1.0		U		0.91
MW-41	beta-BHC	UG/L	0.05	0.018	JB	J	0.004
MW-41	delta-BHC	UG/L	0.05	0.047			0.004
MW-41	Dieldrin	UG/L	0.10		U		0.091
MW-41	Endosulfan I	UG/L	0.05		U		0.045
MW-41	Endosulfan II	UG/L	0.10		U		0.091
MW-41	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-41	Endrin	UG/L	0.10		U		0.091
MW-41	Endrin aldehyde	UG/L	0.10		U		0.091
MW-41	Endrin ketone	UG/L	0.10	0.0035	JP	J	0.009
MW-41	gamma-BHC	UG/L	0.05	0.023	JP	J	0.004
MW-41	gamma-Chlordane	UG/L	0.05		U		0.045
MW-41	Heptachlor	UG/L	0.05		U		0.045
MW-41	Heptachlor epoxide	UG/L	0.05		U		0.045
MW-41	Methoxychlor	UG/L	0.50		U		0.45
MW-41	Toxaphene	UG/L	5.0		U		4.5
MW-42	4,4'-DDD	UG/L	0.10		U		0.091
MW-42	4,4'-DDE	UG/L	0.10		U		0.091
MW-42	4,4'-DDT	UG/L	0.10		U		0.091
MW-42	Aldrin	UG/L	0.05		U		0.045
MW-42	alpha-BHC	UG/L	0.05		U		0.045
MW-42	alpha-Chlordane	UG/L	0.05		U		0.045
MW-42	Aroclor-1016	UG/L	1.0		U		0.91
MW-42	Aroclor-1221	UG/L	2.0		U		1.8
MW-42	Aroclor-1232	UG/L	1.0		U		0.91
MW-42	Aroclor-1242	UG/L	1.0		U		0.91
MW-42	Aroclor-1248	UG/L	1.0		U		0.91
MW-42	Aroclor-1254	UG/L	1.0		U		0.91
MW-42	Aroclor-1260	UG/L	1.0		U		0.91
MW-42	beta-BHC	UG/L	0.05		U		0.045
MW-42	delta-BHC	UG/L	0.05		U		0.045
MW-42	Dieldrin	UG/L	0.10		U		0.091
MW-42	Endosulfan I	UG/L	0.05		U		0.045
MW-42	Endosulfan II	UG/L	0.10		U		0.091
MW-42	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-42	Endrin	UG/L	0.10		U		0.091
MW-42	Endrin aldehyde	UG/L	0.10		U		0.091
MW-42	Endrin ketone	UG/L	0.10		U		0.091
MW-42	gamma-BHC	UG/L	0.05	0.011	JP	J	0.004
MW-42	gamma-Chlordane	UG/L	0.05		U		0.045
MW-42	Heptachlor	UG/L	0.05		U		0.045
MW-42	Heptachlor epoxide	UG/L	0.05		U		0.045
MW-42	Methoxychlor	UG/L	0.50		U		0.45
MW-42	Toxaphene	UG/L	5.0		U		4.5

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Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-43	4,4'-DDD	UG/L	0.10		U		0.091
MW-43	4,4'-DDE	UG/L	0.10		U		0.091
MW-43	4,4'-DDT	UG/L	0.10		U		0.091
MW-43	Aldrin	UG/L	0.05		U		0.045
MW-43	alpha-BHC	UG/L	0.05		U		0.045
MW-43	alpha-Chlordane	UG/L	0.05		U		0.045
MW-43	Aroclor-1016	UG/L	1.0		U		0.91
MW-43	Aroclor-1221	UG/L	2.0		U		1.8
MW-43	Aroclor-1232	UG/L	1.0		U		0.91
MW-43	Aroclor-1242	UG/L	1.0		U		0.91
MW-43	Aroclor-1248	UG/L	1.0		U		0.91
MW-43	Aroclor-1254	UG/L	1.0		U		0.91
MW-43	Aroclor-1260	UG/L	1.0		U		0.91
MW-43	beta-BHC	UG/L	0.05		U		0.045
MW-43	delta-BHC	UG/L	0.05	0.0054	JP	J	0.004
MW-43	Dieldrin	UG/L	0.10		U		0.091
MW-43	Endosulfan I	UG/L	0.05		U		0.045
MW-43	Endosulfan II	UG/L	0.10		U		0.091
MW-43	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-43	Endrin	UG/L	0.10		U		0.091
MW-43	Endrin aldehyde	UG/L	0.10		U		0.091
MW-43	Endrin ketone	UG/L	0.10	0.002	JP	J	0.009
MW-43	gamma-BHC	UG/L	0.05		U		0.045
MW-43	gamma-Chlordane	UG/L	0.05		U		0.045
MW-43	Heptachlor	UG/L	0.05		U		0.045
MW-43	Heptachlor epoxide	UG/L	0.05		U		0.045
MW-43	Methoxychlor	UG/L	0.50		U		0.45
MW-43	Toxaphene	UG/L	5.0		U		4.5
MW-44	4,4'-DDD	UG/L	0.10		U		0.091
MW-44	4,4'-DDE	UG/L	0.10		U		0.091
MW-44	4,4'-DDT	UG/L	0.10		U		0.091
MW-44	Aldrin	UG/L	0.05		U		0.045
MW-44	alpha-BHC	UG/L	0.05		U		0.045
MW-44	alpha-Chlordane	UG/L	0.05		U		0.045
MW-44	Aroclor-1016	UG/L	1.0		U		0.91
MW-44	Aroclor-1221	UG/L	2.0		U		1.8
MW-44	Aroclor-1232	UG/L	1.0		U		0.91
MW-44	Aroclor-1242	UG/L	1.0		U		0.91
MW-44	Aroclor-1248	UG/L	1.0		U		0.91
MW-44	Aroclor-1254	UG/L	1.0		U		0.91
MW-44	Aroclor-1260	UG/L	1.0		U		0.91
MW-44	beta-BHC	UG/L	0.05		U		0.045
MW-44	delta-BHC	UG/L	0.05	0.003	JP	J	0.004
MW-44	Dieldrin	UG/L	0.10		U		0.091
MW-44	Endosulfan I	UG/L	0.05		U		0.045
MW-44	Endosulfan II	UG/L	0.10		U		0.091

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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-44	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-44	Endrin	UG/L	0.10		U		0.091
MW-44	Endrin aldehyde	UG/L	0.10		U		0.091
MW-44	Endrin ketone	UG/L	0.10		U		0.091
MW-44	gamma-BHC	UG/L	0.05		U		0.045
MW-44	gamma-Chlordane	UG/L	0.05		U		0.045
MW-44	Heptachlor	UG/L	0.05		U		0.045
MW-44	Heptachlor epoxide	UG/L	0.05		U		0.045
MW-44	Methoxychlor	UG/L	0.50		U		0.45
MW-44	Toxaphene	UG/L	5.0		U		4.5
MW-45	4,4'-DDD	UG/L	0.10		U		0.093
MW-45	4,4'-DDE	UG/L	0.10		U		0.093
MW-45	4,4'-DDT	UG/L	0.10		U		0.093
MW-45	Aldrin	UG/L	0.05		U		0.047
MW-45	alpha-BHC	UG/L	0.05		U		0.047
MW-45	alpha-Chlordane	UG/L	0.05		U		0.047
MW-45	Aroclor-1016	UG/L	1.0		U		0.93
MW-45	Aroclor-1221	UG/L	2.0		U		1.9
MW-45	Aroclor-1232	UG/L	1.0		U		0.93
MW-45	Aroclor-1242	UG/L	1.0		U		0.93
MW-45	Aroclor-1248	UG/L	1.0		U		0.93
MW-45	Aroclor-1254	UG/L	1.0		U		0.93
MW-45	Aroclor-1260	UG/L	1.0		U		0.93
MW-45	beta-BHC	UG/L	0.05		U		0.047
MW-45	delta-BHC	UG/L	0.05		U		0.047
MW-45	Dieldrin	UG/L	0.10		U		0.093
MW-45	Endosulfan I	UG/L	0.05		U		0.047
MW-45	Endosulfan II	UG/L	0.10		U		0.093
MW-45	Endosulfan sulfate	UG/L	0.10		U		0.093
MW-45	Endrin	UG/L	0.10		U		0.093
MW-45	Endrin aldehyde	UG/L	0.10		U		0.093
MW-45	Endrin ketone	UG/L	0.10		U		0.093
MW-45	gamma-BHC	UG/L	0.05	0.0032	JP	J	0.005
MW-45	gamma-Chlordane	UG/L	0.05		U		0.047
MW-45	Heptachlor	UG/L	0.05		U		0.047
MW-45	Heptachlor epoxide	UG/L	0.05		U		0.047
MW-45	Methoxychlor	UG/L	0.50		U		0.47
MW-45	Toxaphene	UG/L	5.0		U		4.7
MW-46	4,4'-DDD	UG/L	0.10		U		0.091
MW-46	4,4'-DDE	UG/L	0.10	0.00088	JP	J	0.009
MW-46	4,4'-DDT	UG/L	0.10		U		0.091
MW-46	Aldrin	UG/L	0.05		U		0.045
MW-46	alpha-BHC	UG/L	0.05		U		0.045
MW-46	alpha-Chlordane	UG/L	0.05		U		0.045
MW-46	Aroclor-1016	UG/L	1.0		U		0.91
MW-46	Aroclor-1221	UG/L	2.0		U		1.8

BOLD = Exceedance
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CAS/cas/DMD/CAS
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1252042.221601

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-46	Aroclor-1232	UG/L	1.0		U		0.91
MW-46	Aroclor-1242	UG/L	1.0		U		0.91
MW-46	Aroclor-1248	UG/L	1.0		U		0.91
MW-46	Aroclor-1254	UG/L	1.0		U		0.91
MW-46	Aroclor-1260	UG/L	1.0		U		0.91
MW-46	beta-BHC	UG/L	0.05		U		0.045
MW-46	delta-BHC	UG/L	0.05		U		0.045
MW-46	Dieldrin	UG/L	0.10		U		0.091
MW-46	Endosulfan I	UG/L	0.05		U		0.045
MW-46	Endosulfan II	UG/L	0.10		U		0.091
MW-46	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-46	Endrin	UG/L	0.10	0.00074	JP	J	0.009
MW-46	Endrin aldehyde	UG/L	0.10		U		0.091
MW-46	Endrin ketone	UG/L	0.10		U		0.091
MW-46	gamma-BHC	UG/L	0.05		U		0.045
MW-46	gamma-Chlordane	UG/L	0.05		U		0.045
MW-46	Heptachlor	UG/L	0.05		U		0.045
MW-46	Heptachlor epoxide	UG/L	0.05	0.015	JBP	J	0.004
MW-46	Methoxychlor	UG/L	0.50	0.0021	JP	J	0.04
MW-46	Toxaphene	UG/L	5.0		U		4.5
MW-47	4,4'-DDD	UG/L	0.10		U		0.091
MW-47	4,4'-DDE	UG/L	0.10		U		0.091
MW-47	4,4'-DDT	UG/L	0.10		U		0.091
MW-47	Aldrin	UG/L	0.05		U		0.045
MW-47	alpha-BHC	UG/L	0.05		U		0.045
MW-47	alpha-Chlordane	UG/L	0.05		U		0.045
MW-47	Aroclor-1016	UG/L	1.0		U		0.91
MW-47	Aroclor-1221	UG/L	2.0		U		1.8
MW-47	Aroclor-1232	UG/L	1.0		U		0.91
MW-47	Aroclor-1242	UG/L	1.0		U		0.91
MW-47	Aroclor-1248	UG/L	1.0		U		0.91
MW-47	Aroclor-1254	UG/L	1.0		U		0.91
MW-47	Aroclor-1260	UG/L	1.0		U		0.91
MW-47	beta-BHC	UG/L	0.05		U		0.045
MW-47	delta-BHC	UG/L	0.05		U		0.045
MW-47	Dieldrin	UG/L	0.10		U		0.091
MW-47	Endosulfan I	UG/L	0.05		U		0.045
MW-47	Endosulfan II	UG/L	0.10		U		0.091
MW-47	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-47	Endrin	UG/L	0.10		U		0.091
MW-47	Endrin aldehyde	UG/L	0.10		U		0.091
MW-47	Endrin ketone	UG/L	0.10		U		0.091
MW-47	gamma-BHC	UG/L	0.05		U		0.045
MW-47	gamma-Chlordane	UG/L	0.05		U		0.045
MW-47	Heptachlor	UG/L	0.05		U		0.045
MW-47	Heptachlor epoxide	UG/L	0.05		U		0.045

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CAS/cas/DMD/CAS
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1252042.221601

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-47	Methoxychlor	UG/L	0.50		U		0.45
MW-47	Toxaphene	UG/L	5.0		U		4.5
MW-48	4,4'-DDD	UG/L	0.10		U		0.091
MW-48	4,4'-DDE	UG/L	0.10		U		0.091
MW-48	4,4'-DDT	UG/L	0.10		U		0.091
MW-48	Aldrin	UG/L	0.05		U		0.045
MW-48	alpha-BHC	UG/L	0.05		U	J	0.045
MW-48	alpha-Chlordane	UG/L	0.05		U	J	0.045
MW-48	Aroclor-1016	UG/L	1.0		U		0.91
MW-48	Aroclor-1221	UG/L	2.0		U		1.8
MW-48	Aroclor-1232	UG/L	1.0		U		0.91
MW-48	Aroclor-1242	UG/L	1.0		U		0.91
MW-48	Aroclor-1248	UG/L	1.0		U		0.91
MW-48	Aroclor-1254	UG/L	1.0		U		0.91
MW-48	Aroclor-1260	UG/L	1.0		U		0.91
MW-48	beta-BHC	UG/L	0.05		U		0.045
MW-48	delta-BHC	UG/L	0.05		U	J	0.045
MW-48	Dieldrin	UG/L	0.10		U		0.091
MW-48	Endosulfan I	UG/L	0.05		U		0.045
MW-48	Endosulfan II	UG/L	0.10		U		0.091
MW-48	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-48	Endrin	UG/L	0.10		U	J	0.091
MW-48	Endrin aldehyde	UG/L	0.10		U		0.091
MW-48	Endrin ketone	UG/L	0.10		U		0.091
MW-48	gamma-BHC	UG/L	0.05		U		0.045
MW-48	gamma-Chlordane	UG/L	0.05		U	J	0.045
MW-48	Heptachlor	UG/L	0.05		U		0.045
MW-48	Heptachlor epoxide	UG/L	0.05		U		0.045
MW-48	Methoxychlor	UG/L	0.50		U	J	0.45
MW-48	Toxaphene	UG/L	5.0		U		4.5
MW-49	4,4'-DDD	UG/L	0.10		U		0.091
MW-49	4,4'-DDE	UG/L	0.10	0.00094	J	J	0.009
MW-49	4,4'-DDT	UG/L	0.10		U		0.091
MW-49	Aldrin	UG/L	0.05		U		0.045
MW-49	alpha-BHC	UG/L	0.05		U		0.045
MW-49	alpha-Chlordane	UG/L	0.05		U		0.045
MW-49	Aroclor-1016	UG/L	1.0		U		0.91
MW-49	Aroclor-1221	UG/L	2.0		U		1.8
MW-49	Aroclor-1232	UG/L	1.0		U		0.91
MW-49	Aroclor-1242	UG/L	1.0		U		0.91
MW-49	Aroclor-1248	UG/L	1.0		U		0.91
MW-49	Aroclor-1254	UG/L	1.0		U		0.91
MW-49	Aroclor-1260	UG/L	1.0		U		0.91
MW-49	beta-BHC	UG/L	0.05	0.01	JBP	J	0.004
MW-49	delta-BHC	UG/L	0.05	0.0014	JP	J	0.004
MW-49	Dieldrin	UG/L	0.10		U		0.091

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-49	Endosulfan I	UG/L	0.05		U		0.045
MW-49	Endosulfan II	UG/L	0.10		U		0.091
MW-49	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-49	Endrin	UG/L	0.10		U		0.091
MW-49	Endrin aldehyde	UG/L	0.10		U		0.091
MW-49	Endrin ketone	UG/L	0.10		U		0.091
MW-49	gamma-BHC	UG/L	0.05		U		0.045
MW-49	gamma-Chlordane	UG/L	0.05		U		0.045
MW-49	Heptachlor	UG/L	0.05		U		0.045
MW-49	Heptachlor epoxide	UG/L	0.05		U		0.045
MW-49	Methoxychlor	UG/L	0.50		U		0.45
MW-49	Toxaphene	UG/L	5.0		U		4.5
MW-50	4,4'-DDD	UG/L	0.10		U		0.093
MW-50	4,4'-DDE	UG/L	0.10		U		0.093
MW-50	4,4'-DDT	UG/L	0.10		U		0.093
MW-50	Aldrin	UG/L	0.05		U		0.047
MW-50	alpha-BHC	UG/L	0.05		U		0.047
MW-50	alpha-Chlordane	UG/L	0.05		U		0.047
MW-50	Aroclor-1016	UG/L	1.0		U		0.93
MW-50	Aroclor-1221	UG/L	2.0		U		1.9
MW-50	Aroclor-1232	UG/L	1.0		U		0.93
MW-50	Aroclor-1242	UG/L	1.0		U		0.93
MW-50	Aroclor-1248	UG/L	1.0		U		0.93
MW-50	Aroclor-1254	UG/L	1.0		U		0.93
MW-50	Aroclor-1260	UG/L	1.0		U		0.93
MW-50	beta-BHC	UG/L	0.05		U		0.047
MW-50	delta-BHC	UG/L	0.05		U		0.047
MW-50	Dieldrin	UG/L	0.10		U		0.093
MW-50	Endosulfan I	UG/L	0.05		U		0.047
MW-50	Endosulfan II	UG/L	0.10		U		0.093
MW-50	Endosulfan sulfate	UG/L	0.10		U		0.093
MW-50	Endrin	UG/L	0.10		U		0.093
MW-50	Endrin aldehyde	UG/L	0.10		U		0.093
MW-50	Endrin ketone	UG/L	0.10		U		0.093
MW-50	gamma-BHC	UG/L	0.05		U		0.047
MW-50	gamma-Chlordane	UG/L	0.05		U		0.047
MW-50	Heptachlor	UG/L	0.05		U		0.047
MW-50	Heptachlor epoxide	UG/L	0.05		U		0.047
MW-50	Methoxychlor	UG/L	0.50		U		0.47
MW-50	Toxaphene	UG/L	5.0		U		4.7
MW-51	4,4'-DDD	UG/L	0.10		U		0.093
MW-51	4,4'-DDE	UG/L	0.10		U		0.093
MW-51	4,4'-DDT	UG/L	0.10		U		0.093
MW-51	Aldrin	UG/L	0.05		U		0.047
MW-51	alpha-BHC	UG/L	0.05	0.0077	JBP	J	0.005
MW-51	alpha-Chlordane	UG/L	0.05		U		0.047

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-51	Aroclor-1016	UG/L	1.0		U		0.93
MW-51	Aroclor-1221	UG/L	2.0		U		1.9
MW-51	Aroclor-1232	UG/L	1.0		U		0.93
MW-51	Aroclor-1242	UG/L	1.0		U		0.93
MW-51	Aroclor-1248	UG/L	1.0		U		0.93
MW-51	Aroclor-1254	UG/L	1.0		U		0.93
MW-51	Aroclor-1260	UG/L	1.0		U		0.93
MW-51	beta-BHC	UG/L	0.05		U		0.047
MW-51	delta-BHC	UG/L	0.05	0.014	J		0.005
MW-51	Dieldrin	UG/L	0.10	0.0019	J		0.009
MW-51	Endosulfan I	UG/L	0.05		U		0.047
MW-51	Endosulfan II	UG/L	0.10		U		0.093
MW-51	Endosulfan sulfate	UG/L	0.10		U		0.093
MW-51	Endrin	UG/L	0.10		U		0.093
MW-51	Endrin aldehyde	UG/L	0.10		U		0.093
MW-51	Endrin ketone	UG/L	0.10		U		0.093
MW-51	gamma-BHC	UG/L	0.05		U		0.047
MW-51	gamma-Chlordane	UG/L	0.05		U		0.047
MW-51	Heptachlor	UG/L	0.05		U		0.047
MW-51	Heptachlor epoxide	UG/L	0.05	0.0039	JBP	J	0.005
MW-51	Methoxychlor	UG/L	0.50		U		0.47
MW-51	Toxaphene	UG/L	5.0		U		4.7
MW-52	4,4'-DDD	UG/L	0.10		U		0.091
MW-52	4,4'-DDE	UG/L	0.10	0.0046	JBP	J	0.009
MW-52	4,4'-DDT	UG/L	0.10		U		0.091
MW-52	Aldrin	UG/L	0.05	0.00086	JP	J	0.004
MW-52	alpha-BHC	UG/L	0.05		U		0.045
MW-52	alpha-Chlordane	UG/L	0.05		U		0.045
MW-52	Aroclor-1016	UG/L	1.0		U		0.91
MW-52	Aroclor-1221	UG/L	2.0		U		1.8
MW-52	Aroclor-1232	UG/L	1.0		U		0.91
MW-52	Aroclor-1242	UG/L	1.0		U		0.91
MW-52	Aroclor-1248	UG/L	1.0		U		0.91
MW-52	Aroclor-1254	UG/L	1.0		U		0.91
MW-52	Aroclor-1260	UG/L	1.0		U		0.91
MW-52	beta-BHC	UG/L	0.05	0.015	JBP	J	0.004
MW-52	delta-BHC	UG/L	0.05		U		0.045
MW-52	Dieldrin	UG/L	0.10		U		0.091
MW-52	Endosulfan I	UG/L	0.05		U		0.045
MW-52	Endosulfan II	UG/L	0.10		U		0.091
MW-52	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-52	Endrin	UG/L	0.10		U		0.091
MW-52	Endrin aldehyde	UG/L	0.10		U		0.091
MW-52	Endrin ketone	UG/L	0.10		U		0.091
MW-52	gamma-BHC	UG/L	0.05		U		0.045
MW-52	gamma-Chlordane	UG/L	0.05		U		0.045

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Comparison of Results to Baseline Highest Detections
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Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-52	Heptachlor	UG/L	0.05		U		0.045
MW-52	Heptachlor epoxide	UG/L	0.05	0.0095	JBP	J	0.004
MW-52	Methoxychlor	UG/L	0.50	0.0025	JP	J	0.04
MW-52	Toxaphene	UG/L	5.0		U		4.5
MW-53	4,4'-DDD	UG/L	0.10	0.0024	JP	J	0.009
MW-53	4,4'-DDE	UG/L	0.10		U		0.091
MW-53	4,4'-DDT	UG/L	0.10		U		0.091
MW-53	Aldrin	UG/L	0.05		U		0.045
MW-53	alpha-BHC	UG/L	0.05		U		0.045
MW-53	alpha-Chlordane	UG/L	0.05		U		0.045
MW-53	Aroclor-1016	UG/L	1.0		U		0.91
MW-53	Aroclor-1221	UG/L	2.0		U		1.8
MW-53	Aroclor-1232	UG/L	1.0		U		0.91
MW-53	Aroclor-1242	UG/L	1.0		U		0.91
MW-53	Aroclor-1248	UG/L	1.0		U		0.91
MW-53	Aroclor-1254	UG/L	1.0		U		0.91
MW-53	Aroclor-1260	UG/L	1.0		U		0.91
MW-53	beta-BHC	UG/L	0.05	0.012	JBP	J	0.004
MW-53	delta-BHC	UG/L	0.05		U		0.045
MW-53	Dieldrin	UG/L	0.10		U		0.091
MW-53	Endosulfan I	UG/L	0.05		U		0.045
MW-53	Endosulfan II	UG/L	0.10		U		0.091
MW-53	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-53	Endrin	UG/L	0.10		U		0.091
MW-53	Endrin aldehyde	UG/L	0.10		U		0.091
MW-53	Endrin ketone	UG/L	0.10		U		0.091
MW-53	gamma-BHC	UG/L	0.05		U		0.045
MW-53	gamma-Chlordane	UG/L	0.05		U		0.045
MW-53	Heptachlor	UG/L	0.05		U		0.045
MW-53	Heptachlor epoxide	UG/L	0.05		U		0.045
MW-53	Methoxychlor	UG/L	0.50	0.01	JBP	J	0.04
MW-53	Toxaphene	UG/L	5.0		U		4.5
MW-54R	4,4'-DDD	UG/L	0.10		U		0.091
MW-54R	4,4'-DDE	UG/L	0.10	0.00087	JBP	J	0.009
MW-54R	4,4'-DDT	UG/L	0.10		U		0.091
MW-54R	Aldrin	UG/L	0.05		U	UJ	0.045
MW-54R	alpha-BHC	UG/L	0.05		U		0.045
MW-54R	alpha-Chlordane	UG/L	0.05		U		0.045
MW-54R	Aroclor-1016	UG/L	1.0		U		0.91
MW-54R	Aroclor-1221	UG/L	2.0		U		1.8
MW-54R	Aroclor-1232	UG/L	1.0		U		0.91
MW-54R	Aroclor-1242	UG/L	1.0		U		0.91
MW-54R	Aroclor-1248	UG/L	1.0		U		0.91
MW-54R	Aroclor-1254	UG/L	1.0		U		0.91
MW-54R	Aroclor-1260	UG/L	1.0		U		0.91
MW-54R	beta-BHC	UG/L	0.05		U		0.045

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Comparison of Results to Baseline Highest Detections
March 2000
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	CurrentEvent			
				Result	LQ	DQ	Detect Limit
MW-54R	delta-BHC	UG/L	0.05		U		0.045
MW-54R	Dieldrin	UG/L	0.10	0.0015	J	J	0.009
MW-54R	Endosulfan I	UG/L	0.05	0.0012	JBP	J	0.004
MW-54R	Endosulfan II	UG/L	0.10		U		0.091
MW-54R	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-54R	Endrin	UG/L	0.10		U	UJ	0.091
MW-54R	Endrin aldehyde	UG/L	0.10		U		0.091
MW-54R	Endrin ketone	UG/L	0.10	0.0098	JP	J	0.009
MW-54R	gamma-BHC	UG/L	0.05		U	UJ	0.045
MW-54R	gamma-Chlordane	UG/L	0.05		U		0.045
MW-54R	Heptachlor	UG/L	0.05		U		0.045
MW-54R	Heptachlor epoxide	UG/L	0.05	0.0052	JBP	J	0.004
MW-54R	Methoxychlor	UG/L	0.50		U		0.45
MW-54R	Toxaphene	UG/L	5.0		U		4.5
MW-55	4,4'-DDD	UG/L	0.10		U		0.091
MW-55	4,4'-DDE	UG/L	0.10		U		0.091
MW-55	4,4'-DDT	UG/L	0.10		U		0.091
MW-55	Aldrin	UG/L	0.05		U		0.045
MW-55	alpha-BHC	UG/L	0.05		U		0.045
MW-55	alpha-Chlordane	UG/L	0.05		U		0.045
MW-55	Aroclor-1016	UG/L	1.0		U		0.91
MW-55	Aroclor-1221	UG/L	2.0		U		1.8
MW-55	Aroclor-1232	UG/L	1.0		U		0.91
MW-55	Aroclor-1242	UG/L	1.0		U		0.91
MW-55	Aroclor-1248	UG/L	1.0		U		0.91
MW-55	Aroclor-1254	UG/L	1.0		U		0.91
MW-55	Aroclor-1260	UG/L	1.0		U		0.91
MW-55	beta-BHC	UG/L	0.05		U		0.045
MW-55	delta-BHC	UG/L	0.05		U		0.045
MW-55	Dieldrin	UG/L	0.10	0.00082	JP	J	0.009
MW-55	Endosulfan I	UG/L	0.05		U		0.045
MW-55	Endosulfan II	UG/L	0.10		U		0.091
MW-55	Endosulfan sulfate	UG/L	0.10		U		0.091
MW-55	Endrin	UG/L	0.10		U		0.091
MW-55	Endrin aldehyde	UG/L	0.10		U		0.091
MW-55	Endrin ketone	UG/L	0.10	0.013	JP	J	0.009
MW-55	gamma-BHC	UG/L	0.05		U		0.045
MW-55	gamma-Chlordane	UG/L	0.05		U		0.045
MW-55	Heptachlor	UG/L	0.05	0.025	JBP	J	0.004
MW-55	Heptachlor epoxide	UG/L	0.05	0.013	JBP	J	0.004
MW-55	Methoxychlor	UG/L	0.50		U		0.45
MW-55	Toxaphene	UG/L	5.0		U		4.5

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Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
ATMW-4D	Aluminum	UG/L		386			39.3
ATMW-4D	Antimony	UG/L			U		2.6
ATMW-4D	Arsenic	UG/L			U		1.6
ATMW-4D	Barium	UG/L		139	B	J	0.1
ATMW-4D	Beryllium	UG/L			U		0.1
ATMW-4D	Cadmium	UG/L			U		0.2
ATMW-4D	Calcium	UG/L		104,000			28
ATMW-4D	Chromium (Total)	UG/L		7.1	B	J	0.5
ATMW-4D	Cobalt	UG/L		1.5	B	J	0.4
ATMW-4D	Copper	UG/L		2.5	B	J	0.6
ATMW-4D	Cyanide (Total)	UG/L		7	B	J	0.9
ATMW-4D	Iron	UG/L		6,820			14.6
ATMW-4D	Lead	UG/L		1.1	B	J	1
ATMW-4D	Magnesium	UG/L		44,500			20.7
ATMW-4D	Manganese	UG/L		179			0.1
ATMW-4D	Mercury	UG/L			U		0.1
ATMW-4D	Nickel	UG/L		6.1	B	J	0.6
ATMW-4D	Potassium	UG/L		3,600	BE	J	28
ATMW-4D	Selenium	UG/L		2.3	UN	J	2.3
ATMW-4D	Silver	UG/L			U		0.6
ATMW-4D	Sodium	UG/L		45,000			148
ATMW-4D	Thallium	UG/L			U		3
ATMW-4D	Vanadium	UG/L		1.5	B	J	0.5
ATMW-4D	Zinc	UG/L		3.2	B	J	0.5
M-1S	Arsenic	UG/L	3.0	**5.7**	B	J	1.6
M-1S	Lead	UG/L	2.5		U		1
M-4D	Arsenic	UG/L	2.5		U		1.6
M-4D	Lead	UG/L	3.1		U		1
M-4S	Aluminum	UG/L	1,120	63.4	B	J	39.3
M-4S	Antimony	UG/L	2.0		U		2.6
M-4S	Arsenic	UG/L	6.8	3.6	B	J	1.6
M-4S	Barium	UG/L	737	587			0.1
M-4S	Beryllium	UG/L	1.2		U		0.1
M-4S	Cadmium	UG/L	1.0	0.3	B	J	0.2
M-4S	Calcium	UG/L	397,000	360,000			28
M-4S	Chromium (Total)	UG/L	68	1	B	J	0.5
M-4S	Cobalt	UG/L	8.2	5.5	B	J	0.4
M-4S	Copper	UG/L	11	0.88	B	J	0.6
M-4S	Cyanide (Total)	UG/L	10	1.5	B	J	0.9
M-4S	Iron	UG/L	39,500	36,700			14.6
M-4S	Lead	UG/L	6.1		U		1
M-4S	Magnesium	UG/L	57,300	38,500			20.7
M-4S	Manganese	UG/L	582	349			0.1
M-4S	Mercury	UG/L	0.20		U		0.1
M-4S	Nickel	UG/L	75	9	B	J	0.6
M-4S	Potassium	UG/L	23,000	15,400	E	J	28

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Comparison of Results to Baseline Highest Detections
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American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
M-4S	Selenium	UG/L	2.0		U		2.3
M-4S	Silver	UG/L	1.0		U		0.6
M-4S	Sodium	UG/L	130,000	98,000			148
M-4S	Thallium	UG/L	3.0		U		3
M-4S	Vanadium	UG/L	3.9	2.7	B	J	0.5
M-4S	Zinc	UG/L	30	5.7	B	J	0.5
MW-06	Aluminum	UG/L	180	62.4	B	J	39.3
MW-06	Antimony	UG/L	2.1		U		2.6
MW-06	Arsenic	UG/L	72	**99.6**			1.6
MW-06	Barium	UG/L	369	243			0.1
MW-06	Beryllium	UG/L	1.0		U		0.1
MW-06	Cadmium	UG/L	1.0		U		0.2
MW-06	Calcium	UG/L	216,000	185,000			28
MW-06	Chromium (Total)	UG/L	33	8.9	B	J	0.5
MW-06	Cobalt	UG/L	3.6	1.2	B	J	0.4
MW-06	Copper	UG/L	52	2.2	B	J	0.6
MW-06	Cyanide (Total)	UG/L	17	13.2			0.9
MW-06	Iron	UG/L	16,500	**25,700**			14.6
MW-06	Lead	UG/L	9.6		U		1
MW-06	Magnesium	UG/L	37,600	**44,600**			20.7
MW-06	Manganese	UG/L	2,900	856			0.1
MW-06	Mercury	UG/L	0.20		U		0.1
MW-06	Nickel	UG/L	39	**40.2**			0.6
MW-06	Potassium	UG/L	27,400	16,100	E	J	28
MW-06	Selenium	UG/L	2.0		U		2.3
MW-06	Silver	UG/L	1.0		U		0.6
MW-06	Sodium	UG/L	449,000	90,100			148
MW-06	Thallium	UG/L	3.6		U		3
MW-06	Vanadium	UG/L	3.8	1.7	B	J	0.5
MW-06	Zinc	UG/L	27	3	B	J	0.5
MW-07	Arsenic	UG/L	3.5		U		1.6
MW-07	Lead	UG/L	5.8		U		1
MW-08	Aluminum	UG/L	839		U		39.3
MW-08	Antimony	UG/L	2.0		U		2.6
MW-08	Arsenic	UG/L	6.1		U		1.6
MW-08	Barium	UG/L	128	119	B	J	0.1
MW-08	Beryllium	UG/L	1.0		U		0.1
MW-08	Cadmium	UG/L	1.0		U		0.2
MW-08	Calcium	UG/L	58,300	52,900			28
MW-08	Chromium (Total)	UG/L	37	0.75	B	J	0.5
MW-08	Cobalt	UG/L	1.8		U		0.4
MW-08	Copper	UG/L	7.3	0.6	B	J	0.6
MW-08	Cyanide (Total)	UG/L	10		U		0.9
MW-08	Iron	UG/L	3,420	1,060			14.6
MW-08	Lead	UG/L	3.4		U		1
MW-08	Magnesium	UG/L	18,600	17,700			20.7

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Comparison of Results to Baseline Highest Detections
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-08	Manganese	UG/L	173	91.4			0.1
MW-08	Mercury	UG/L	0.20		U		0.1
MW-08	Nickel	UG/L	23		U		0.6
MW-08	Potassium	UG/L	1,540	920	BE	J	28
MW-08	Selenium	UG/L	2.0		U		2.3
MW-08	Silver	UG/L	1.0		U		0.6
MW-08	Sodium	UG/L	13,500	**14,400**			148
MW-08	Thallium	UG/L	3.0		U		3
MW-08	Vanadium	UG/L	2.0		U		0.5
MW-08	Zinc	UG/L	34		U		0.5
MW-09R	Aluminum	UG/L	2,580		U		39.3
MW-09R	Antimony	UG/L	2.0		U		2.6
MW-09R	Arsenic	UG/L	6.8		U		1.6
MW-09R	Barium	UG/L	349	305			0.1
MW-09R	Beryllium	UG/L	1.0		U		0.1
MW-09R	Cadmium	UG/L	2.4		U		0.2
MW-09R	Calcium	UG/L	159,000	155,000			28
MW-09R	Chromium (Total)	UG/L	45	1.9	B	J	0.5
MW-09R	Cobalt	UG/L	9.3	2.9	B	J	0.4
MW-09R	Copper	UG/L	24	0.96	B	J	0.6
MW-09R	Cyanide (Total)	UG/L	10	2.3	B	J	0.9
MW-09R	Iron	UG/L	20,700	6,930			14.6
MW-09R	Lead	UG/L	6.7		U		1
MW-09R	Magnesium	UG/L	33,000	21,900			20.7
MW-09R	Manganese	UG/L	249	**266**			0.1
MW-09R	Mercury	UG/L	0.67		U		0.1
MW-09R	Nickel	UG/L	38	2	B	J	0.6
MW-09R	Potassium	UG/L	11,150	8,360	E	J	28
MW-09R	Selenium	UG/L	2.0		U		2.3
MW-09R	Silver	UG/L	1.0		U		0.6
MW-09R	Sodium	UG/L	110,000	34,500			148
MW-09R	Thallium	UG/L	3.0		U		3
MW-09R	Vanadium	UG/L	9.6	2.3	B	J	0.5
MW-09R	Zinc	UG/L	41		U		0.5
MW-10C	Aluminum	UG/L	6,990		U		39.3
MW-10C	Antimony	UG/L	2.8		U		2.6
MW-10C	Arsenic	UG/L	10		U		1.6
MW-10C	Barium	UG/L	372	353			0.1
MW-10C	Beryllium	UG/L	1.3		U		0.1
MW-10C	Cadmium	UG/L	1.0		U		0.2
MW-10C	Calcium	UG/L	141,000	105,000			28
MW-10C	Chromium (Total)	UG/L	360	1.6	B	J	0.5
MW-10C	Cobalt	UG/L	14	1	B	J	0.4
MW-10C	Copper	UG/L	46	1.4	B	J	0.6
MW-10C	Cyanide (Total)	UG/L	10		U		0.9
MW-10C	Iron	UG/L	21,300	8,010			14.6

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Comparison of Results to Baseline Highest Detections
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Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-10C	Lead	UG/L	19		U		1
MW-10C	Magnesium	UG/L	65,900	53,600			20.7
MW-10C	Manganese	UG/L	447	48.9			0.1
MW-10C	Mercury	UG/L	0.20		U		0.1
MW-10C	Nickel	UG/L	257	2.8	B	J	0.6
MW-10C	Potassium	UG/L	7,460	3,510	BE	J	28
MW-10C	Selenium	UG/L	2.0		U		2.3
MW-10C	Silver	UG/L	1.0		U		0.6
MW-10C	Sodium	UG/L	193,000	186,000			148
MW-10C	Thallium	UG/L	3.0		U		3
MW-10C	Vanadium	UG/L	15		U		0.5
MW-10C	Zinc	UG/L	119		U		0.5
MW-11	Arsenic	UG/L	2.0	**2.8**	B	J	1.6
MW-11	Lead	UG/L	7.9	3.6			1
MW-12	Arsenic	UG/L	7.8	2.8	B	J	1.6
MW-12	Lead	UG/L	12	1.5	B	J	1
MW-13	Aluminum	UG/L	427		U		39.3
MW-13	Antimony	UG/L	2.0		U		2.6
MW-13	Arsenic	UG/L	2.0		U		1.6
MW-13	Barium	UG/L	69	**81.1**	B	J	0.1
MW-13	Beryllium	UG/L	1.0		U		0.1
MW-13	Cadmium	UG/L	1.0		U		0.2
MW-13	Calcium	UG/L	130,000	**182,000**			28
MW-13	Chromium (Total)	UG/L	4.2	1.2	B	J	0.5
MW-13	Cobalt	UG/L	1.9		U		0.4
MW-13	Copper	UG/L	5.9		U		0.6
MW-13	Cyanide (Total)	UG/L	10		U		0.9
MW-13	Iron	UG/L	6,090	**7,380**			14.6
MW-13	Lead	UG/L	2.3		U		1
MW-13	Magnesium	UG/L	37,000	**52,700**			20.7
MW-13	Manganese	UG/L	674	**827**			0.1
MW-13	Mercury	UG/L	0.20		U		0.1
MW-13	Nickel	UG/L	4.3	0.73	B	J	0.6
MW-13	Potassium	UG/L	2,940	1,870	BE	J	28
MW-13	Selenium	UG/L	2.0		U		2.3
MW-13	Silver	UG/L	1.0		U		0.6
MW-13	Sodium	UG/L	35,700	29,600			148
MW-13	Thallium	UG/L	3.0		U		3
MW-13	Vanadium	UG/L	1.8		U		0.5
MW-13	Zinc	UG/L	17	2.4	B	J	0.5
MW-14	Aluminum	UG/L	13,800	296			39.3
MW-14	Antimony	UG/L	2.3		U		2.6
MW-14	Arsenic	UG/L	11	2.1	B	J	1.6
MW-14	Barium	UG/L	122	90.7	B	J	0.1
MW-14	Beryllium	UG/L	1.0		U		0.1
MW-14	Cadmium	UG/L	1.0		U		0.2

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Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-14	Calcium	UG/L	142,000	141,000			28
MW-14	Chromium (Total)	UG/L	36	4.7	B	J	0.5
MW-14	Cobalt	UG/L	12	6.6	B	J	0.4
MW-14	Copper	UG/L	32	5.7	B	J	0.6
MW-14	Cyanide (Total)	UG/L	10	9	B	J	0.9
MW-14	Iron	UG/L	33,000	2,380			14.6
MW-14	Lead	UG/L	20		U		1
MW-14	Magnesium	UG/L	26,200	25,600			20.7
MW-14	Manganese	UG/L	831	532			0.1
MW-14	Mercury	UG/L	0.20		U		0.1
MW-14	Nickel	UG/L	29	10.5	B	J	0.6
MW-14	Potassium	UG/L	12,500	6,930	E	J	28
MW-14	Selenium	UG/L	2.3		U		2.3
MW-14	Silver	UG/L	1.0		U		0.6
MW-14	Sodium	UG/L	37,900	20,800			148
MW-14	Thallium	UG/L	3.0		U		3
MW-14	Vanadium	UG/L	34	2.4	B	J	0.5
MW-14	Zinc	UG/L	63		U		0.5
MW-15	Aluminum	UG/L	487	72.5	B	J	39.3
MW-15	Antimony	UG/L	2.0		U		2.6
MW-15	Arsenic	UG/L	59	20.9			1.6
MW-15	Barium	UG/L	1,470	1,330			0.1
MW-15	Beryllium	UG/L	1.0		U		0.1
MW-15	Cadmium	UG/L	1.0		U		0.2
MW-15	Calcium	UG/L	94,100	85,900			28
MW-15	Chromium (Total)	UG/L	13	1.8	B	J	0.5
MW-15	Cobalt	UG/L	5.1	4	B	J	0.4
MW-15	Copper	UG/L	26	4.7	B	J	0.6
MW-15	Cyanide (Total)	UG/L	10	2.5	B	J	0.9
MW-15	Iron	UG/L	7,900	3,040			14.6
MW-15	Lead	UG/L	2.4		U		1
MW-15	Magnesium	UG/L	93,100	76,000			20.7
MW-15	Manganese	UG/L	534	251			0.1
MW-15	Mercury	UG/L	0.20		U		0.1
MW-15	Nickel	UG/L	24	16.2	B	J	0.6
MW-15	Potassium	UG/L	122,000	**124,000**	E	J	28
MW-15	Selenium	UG/L	2.0		U		2.3
MW-15	Silver	UG/L	1.0		U		0.6
MW-15	Sodium	UG/L	459,000	**560,000**			148
MW-15	Thallium	UG/L	3.1		U		3
MW-15	Vanadium	UG/L	1.5	0.73	B	J	0.5
MW-15	Zinc	UG/L	44		U		0.5
MW-19	Aluminum	UG/L	421	58.7	B	J	39.3
MW-19	Antimony	UG/L	2.0		U		2.6
MW-19	Arsenic	UG/L	27	19.2			1.6
MW-19	Barium	UG/L	673	643			0.1

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Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-19	Beryllium	UG/L	1.0		U		0.1
MW-19	Cadmium	UG/L	1.0		U		0.2
MW-19	Calcium	UG/L	85,300	84,400			28
MW-19	Chromium (Total)	UG/L	10	1.3	B	J	0.5
MW-19	Cobalt	UG/L	2.3	0.88	B	J	0.4
MW-19	Copper	UG/L	184	2	B	J	0.6
MW-19	Cyanide (Total)	UG/L	10		U		0.9
MW-19	Iron	UG/L	4,810	**6,040**			14.6
MW-19	Lead	UG/L	3.7		U		1
MW-19	Magnesium	UG/L	67,700	56,100			20.7
MW-19	Manganese	UG/L	268	193			0.1
MW-19	Mercury	UG/L	0.20		U		0.1
MW-19	Nickel	UG/L	19	12.2	B	J	0.6
MW-19	Potassium	UG/L	114,000	71,800	E	J	28
MW-19	Selenium	UG/L	2.0	**2.3**	UN	J	2.3
MW-19	Silver	UG/L	1.0		U		0.6
MW-19	Sodium	UG/L	975,000	737,000			148
MW-19	Thallium	UG/L	4.7		U		3
MW-19	Vanadium	UG/L	1.6	0.97	B	J	0.5
MW-19	Zinc	UG/L	16	2	B	J	0.5
MW-23	Aluminum	UG/L	2,480	537			39.3
MW-23	Antimony	UG/L	2.0		U		2.6
MW-23	Arsenic	UG/L	5.3		U		1.6
MW-23	Barium	UG/L	140	135	B	J	0.1
MW-23	Beryllium	UG/L	1.0		U		0.1
MW-23	Cadmium	UG/L	1.0		U		0.2
MW-23	Calcium	UG/L	86,500	**97,900**			28
MW-23	Chromium (Total)	UG/L	19	7.7	B	J	0.5
MW-23	Cobalt	UG/L	4.7	1.5	B	J	0.4
MW-23	Copper	UG/L	20	3.8	B	J	0.6
MW-23	Cyanide (Total)	UG/L	10		U		0.9
MW-23	Iron	UG/L	11,700	9,570			14.6
MW-23	Lead	UG/L	7.7	1.3	B	J	1
MW-23	Magnesium	UG/L	23,800	**30,200**			20.7
MW-23	Manganese	UG/L	377	**383**			0.1
MW-23	Mercury	UG/L	0.20		U		0.1
MW-23	Nickel	UG/L	20	6.6	B	J	0.6
MW-23	Potassium	UG/L	4,350	1,990	BE	J	28
MW-23	Selenium	UG/L	2.0		U		2.3
MW-23	Silver	UG/L	1.0		U		0.6
MW-23	Sodium	UG/L	75,300	68,400			148
MW-23	Thallium	UG/L	3.0		U		3
MW-23	Vanadium	UG/L	7.1	2.8	B	J	0.5
MW-23	Zinc	UG/L	33	6.4	B	J	0.5
MW-24	Aluminum	UG/L	14,800	44.3	B	J	39.3
MW-24	Antimony	UG/L	2.0		U		2.6

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Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-24	Arsenic	UG/L	10		U		1.6
MW-24	Barium	UG/L	386	210			0.1
MW-24	Beryllium	UG/L	1.6		U		0.1
MW-24	Cadmium	UG/L	1.0		U		0.2
MW-24	Calcium	UG/L	170,000	128,000			28
MW-24	Chromium (Total)	UG/L	143	1.5	B	J	0.5
MW-24	Cobalt	UG/L	14		U		0.4
MW-24	Copper	UG/L	94	0.71	B	J	0.6
MW-24	Cyanide (Total)	UG/L	10		U		0.9
MW-24	Iron	UG/L	51,500	2,440			14.6
MW-24	Lead	UG/L	25		U	J	1
MW-24	Magnesium	UG/L	51,800	33,000			20.7
MW-24	Manganese	UG/L	696	246			0.1
MW-24	Mercury	UG/L	0.20		U		0.1
MW-24	Nickel	UG/L	96	1	B	J	0.6
MW-24	Potassium	UG/L	9,750	1,180	BE	J	28
MW-24	Selenium	UG/L	2.6		U		2.3
MW-24	Silver	UG/L	1.0		U		0.6
MW-24	Sodium	UG/L	95,600	**107,000**			148
MW-24	Thallium	UG/L	4.0		U		3
MW-24	Vanadium	UG/L	30		U		0.5
MW-24	Zinc	UG/L	97		U		0.5
MW-28	Aluminum	UG/L	2,850		U		39.3
MW-28	Antimony	UG/L	2.0		U		2.6
MW-28	Arsenic	UG/L	4.9		U		1.6
MW-28	Barium	UG/L	131	126	B	J	0.1
MW-28	Beryllium	UG/L	1.1		U		0.1
MW-28	Cadmium	UG/L	1.0		U		0.2
MW-28	Calcium	UG/L	96,800	81,800			28
MW-28	Chromium (Total)	UG/L	108	2.4	B	J	0.5
MW-28	Cobalt	UG/L	6.4	1	B	J	0.4
MW-28	Copper	UG/L	55	1.7	B	J	0.6
MW-28	Cyanide (Total)	UG/L	10		U		0.9
MW-28	Iron	UG/L	7,090	1,930			14.6
MW-28	Lead	UG/L	12		U		1
MW-28	Magnesium	UG/L	41,400	40,800			20.7
MW-28	Manganese	UG/L	169	44.7			0.1
MW-28	Mercury	UG/L	0.20		U		0.1
MW-28	Nickel	UG/L	74	1.6	B	J	0.6
MW-28	Potassium	UG/L	3,580	1,680	BE	J	28
MW-28	Selenium	UG/L	2.0		U		2.3
MW-28	Silver	UG/L	1.0		U		0.6
MW-28	Sodium	UG/L	16,400	**20,100**			148
MW-28	Thallium	UG/L	3.0		U		3
MW-28	Vanadium	UG/L	7.1		U		0.5
MW-28	Zinc	UG/L	49	0.56	B	J	0.5

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Comparison of Results to Baseline Highest Detections
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American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-29	Aluminum	UG/L	635	56.5	B	J	39.3
MW-29	Antimony	UG/L	2.0		U		2.6
MW-29	Arsenic	UG/L	2.9		U		1.6
MW-29	Barium	UG/L	140	**142**	B	J	0.1
MW-29	Beryllium	UG/L	1.0		U		0.1
MW-29	Cadmium	UG/L	1.0		U		0.2
MW-29	Calcium	UG/L	115,000	102,000			28
MW-29	Chromium (Total)	UG/L	24	2.2	B	J	0.5
MW-29	Cobalt	UG/L	2.6	0.78	B	J	0.4
MW-29	Copper	UG/L	15	0.83	B	J	0.6
MW-29	Cyanide (Total)	UG/L	10	1.63	B		0.9
MW-29	Iron	UG/L	7,410	4,990			14.6
MW-29	Lead	UG/L	2.4		U		1
MW-29	Magnesium	UG/L	55,700	51,800			20.7
MW-29	Manganese	UG/L	218	68.3			0.1
MW-29	Mercury	UG/L	0.20		U		0.1
MW-29	Nickel	UG/L	31	4.2	B	J	0.6
MW-29	Potassium	UG/L	7,040	2,720	BE	J	28
MW-29	Selenium	UG/L	2.0		U		2.3
MW-29	Silver	UG/L	1.0		U		0.6
MW-29	Sodium	UG/L	76,100	**83,400**			148
MW-29	Thallium	UG/L	3.0		U		3
MW-29	Vanadium	UG/L	1.8		U		0.5
MW-29	Zinc	UG/L	22		U		0.5
MW-30	Aluminum	UG/L	1,830	141	B	J	39.3
MW-30	Antimony	UG/L	2.0		U		2.6
MW-30	Arsenic	UG/L	4.3		U		1.6
MW-30	Barium	UG/L	210	**287**			0.1
MW-30	Beryllium	UG/L	1.0		U		0.1
MW-30	Cadmium	UG/L	1.0		U		0.2
MW-30	Calcium	UG/L	170,000	101,000			28
MW-30	Chromium (Total)	UG/L	50	6.1	B	J	0.5
MW-30	Cobalt	UG/L	15	4.8	B	J	0.4
MW-30	Copper	UG/L	40	4.1	B	J	0.6
MW-30	Cyanide (Total)	UG/L	10	1.2	B	J	0.9
MW-30	Iron	UG/L	8,590	5,480			14.6
MW-30	Lead	UG/L	8.0	1	B	J	1
MW-30	Magnesium	UG/L	51,000	**54,700**			20.7
MW-30	Manganese	UG/L	240	48.8			0.1
MW-30	Mercury	UG/L	0.20		U		0.1
MW-30	Nickel	UG/L	59	5.6	B	J	0.6
MW-30	Potassium	UG/L	4,980	2,670	BE	J	28
MW-30	Selenium	UG/L	2.0		U		2.3
MW-30	Silver	UG/L	1.0		U		0.6
MW-30	Sodium	UG/L	40,900	**64,000**			148
MW-30	Thallium	UG/L	3.0		U		3

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Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-30	Vanadium	UG/L	3.8		U		0.5
MW-30	Zinc	UG/L	40	2.3	B	J	0.5
MW-31	Aluminum	UG/L	1,890	64.9	B	J	39.3
MW-31	Antimony	UG/L	2.7		U		2.6
MW-31	Arsenic	UG/L	7.5	3.5	B	J	1.6
MW-31	Barium	UG/L	246	**280**			0.1
MW-31	Beryllium	UG/L	1.0		U		0.1
MW-31	Cadmium	UG/L	1.0		U		0.2
MW-31	Calcium	UG/L	96,400	89,700			28
MW-31	Chromium (Total)	UG/L	89	5.8	B	J	0.5
MW-31	Cobalt	UG/L	4.3		U		0.4
MW-31	Copper	UG/L	52	2.6	B	J	0.6
MW-31	Cyanide (Total)	UG/L	10		U		0.9
MW-31	Iron	UG/L	6,230	2,850			14.6
MW-31	Lead	UG/L	8.9		U		1
MW-31	Magnesium	UG/L	35,100	**37,100**			20.7
MW-31	Manganese	UG/L	174	79.8			0.1
MW-31	Mercury	UG/L	0.20		U		0.1
MW-31	Nickel	UG/L	66	11.1	B	J	0.6
MW-31	Potassium	UG/L	3,870	1,590	BE	J	28
MW-31	Selenium	UG/L	2.0		U		2.3
MW-31	Silver	UG/L	1.0		U		0.6
MW-31	Sodium	UG/L	19,800	**21,200**			148
MW-31	Thallium	UG/L	3.0		U		3
MW-31	Vanadium	UG/L	4.3		U		0.5
MW-31	Zinc	UG/L	38	1.3	B	J	0.5
MW-32	Aluminum	UG/L	10,500	130	B	J	39.3
MW-32	Antimony	UG/L	2.0		U		2.6
MW-32	Arsenic	UG/L	4.9		U		1.6
MW-32	Barium	UG/L	258	**263**			0.1
MW-32	Beryllium	UG/L	1.5		U		0.1
MW-32	Cadmium	UG/L	1.0		U		0.2
MW-32	Calcium	UG/L	77,700	**80,700**			28
MW-32	Chromium (Total)	UG/L	149	4.8	B	J	0.5
MW-32	Cobalt	UG/L	3.2		U		0.4
MW-32	Copper	UG/L	30	2.2	B	J	0.6
MW-32	Cyanide (Total)	UG/L	10		U		0.9
MW-32	Iron	UG/L	14,600	3,460			14.6
MW-32	Lead	UG/L	11		U		1
MW-32	Magnesium	UG/L	48,000	**55,000**			20.7
MW-32	Manganese	UG/L	219	32.3			0.1
MW-32	Mercury	UG/L	0.20		U		0.1
MW-32	Nickel	UG/L	96	4.1	B	J	0.6
MW-32	Potassium	UG/L	5,560	3,700	BE	J	28
MW-32	Selenium	UG/L	2.0		U		2.3
MW-32	Silver	UG/L	1.0		U		0.6

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Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-32	Sodium	UG/L	55,000	37,100			148
MW-32	Thallium	UG/L	3.0		U		3
MW-32	Vanadium	UG/L	5.6		U		0.5
MW-32	Zinc	UG/L	47	1.8	B	J	0.5
MW-33	Aluminum	UG/L	195	58.2	B	J	39.3
MW-33	Antimony	UG/L	2.0		U		2.6
MW-33	Arsenic	UG/L	23	19.2			1.6
MW-33	Barium	UG/L	1,340	1,150			0.1
MW-33	Beryllium	UG/L	1.0		U		0.1
MW-33	Cadmium	UG/L	1.4		U		0.2
MW-33	Calcium	UG/L	313,000	253,000			28
MW-33	Chromium (Total)	UG/L	15	5.1	B	J	0.5
MW-33	Cobalt	UG/L	6.1	3.3	B	J	0.4
MW-33	Copper	UG/L	15	1.8	B	J	0.6
MW-33	Cyanide (Total)	UG/L	10	**14.2**			0.9
MW-33	Iron	UG/L	28,500	24,700			14.6
MW-33	Lead	UG/L	1.5		U		1
MW-33	Magnesium	UG/L	70,500	59,500			20.7
MW-33	Manganese	UG/L	686	86.6			0.1
MW-33	Mercury	UG/L	0.20		U		0.1
MW-33	Nickel	UG/L	48	7.7	B	J	0.6
MW-33	Potassium	UG/L	15,800	11,900	E	J	28
MW-33	Selenium	UG/L	2.0		U		2.3
MW-33	Silver	UG/L	1.0		U		0.6
MW-33	Sodium	UG/L	195,000	191,000			148
MW-33	Thallium	UG/L	3.8	3.1	B	J	3
MW-33	Vanadium	UG/L	1.8		U		0.5
MW-33	Zinc	UG/L	27	3.9	B	J	0.5
MW-34	Arsenic	UG/L	2.8		U		1.6
MW-34	Lead	UG/L	3.8		U		1
MW-37	Aluminum	UG/L	1,410	558			39.3
MW-37	Antimony	UG/L	2.0		U		2.6
MW-37	Arsenic	UG/L	2.5	2.4	B	J	1.6
MW-37	Barium	UG/L	34	32.7	B	J	0.1
MW-37	Beryllium	UG/L	1.0	0.31	B	J	0.1
MW-37	Cadmium	UG/L	1.0	0.29	B	J	0.2
MW-37	Calcium	UG/L	85,600	83,600			28
MW-37	Chromium (Total)	UG/L	10	4.3	B	J	0.5
MW-37	Cobalt	UG/L	10	2.8	B	J	0.4
MW-37	Copper	UG/L	21	9.5	B	J	0.6
MW-37	Cyanide (Total)	UG/L	10		U		0.9
MW-37	Iron	UG/L	9,665	**10,800**			14.6
MW-37	Lead	UG/L	8.6	1.7	B	J	1
MW-37	Magnesium	UG/L	26,850	26,400			20.7
MW-37	Manganese	UG/L	694	425			0.1
MW-37	Mercury	UG/L	0.20		U		0.1

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Comparison of Results to Baseline Highest Detections
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American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-37	Nickel	UG/L	20	7.5	B	J	0.6
MW-37	Potassium	UG/L	2,025	1,080	BE	J	28
MW-37	Selenium	UG/L	2.0		U		2.3
MW-37	Silver	UG/L	10		U		0.6
MW-37	Sodium	UG/L	17,500	**18,800**			148
MW-37	Thallium	UG/L	3.0	**3.3**	B	J	3
MW-37	Vanadium	UG/L	20	3	B	J	0.5
MW-37	Zinc	UG/L	23	7.2	B	J	0.5
MW-38	Aluminum	UG/L	1,280	135	B	J	39.3
MW-38	Antimony	UG/L	2.0		U		2.6
MW-38	Arsenic	UG/L	5.6		U		1.6
MW-38	Barium	UG/L	54	33.4	B	J	0.1
MW-38	Beryllium	UG/L	1.0		U		0.1
MW-38	Cadmium	UG/L	1.0		U		0.2
MW-38	Calcium	UG/L	63,500	61,200			28
MW-38	Chromium (Total)	UG/L	12	2.7	B	J	0.5
MW-38	Cobalt	UG/L	10	2.6	B	J	0.4
MW-38	Copper	UG/L	14	2.9	B	J	0.6
MW-38	Cyanide (Total)	UG/L	10		U		0.9
MW-38	Iron	UG/L	16,200	6,790			14.6
MW-38	Lead	UG/L	10		U		1
MW-38	Magnesium	UG/L	22,000	**22,200**			20.7
MW-38	Manganese	UG/L	1,270	674			0.1
MW-38	Mercury	UG/L	0.20		U		0.1
MW-38	Nickel	UG/L	22	7.5	B	J	0.6
MW-38	Potassium	UG/L	959	423	BE	J	28
MW-38	Selenium	UG/L	2.0		U		2.3
MW-38	Silver	UG/L	10		U		0.6
MW-38	Sodium	UG/L	7,380	6,850			148
MW-38	Thallium	UG/L	3.0		U		3
MW-38	Vanadium	UG/L	20	3.5	B	J	0.5
MW-38	Zinc	UG/L	73	21.6			0.5
MW-39	Aluminum	UG/L	520	47.6	B	J	39.3
MW-39	Antimony	UG/L	2.0		U		2.6
MW-39	Arsenic	UG/L	4.3		U		1.6
MW-39	Barium	UG/L	95	81.1	B	J	0.1
MW-39	Beryllium	UG/L	1.0		U		0.1
MW-39	Cadmium	UG/L	1.0		U		0.2
MW-39	Calcium	UG/L	125,000	110,000			28
MW-39	Chromium (Total)	UG/L	12	7.9	B	J	0.5
MW-39	Cobalt	UG/L	10	0.57	B	J	0.4
MW-39	Copper	UG/L	16	3.3	B	J	0.6
MW-39	Cyanide (Total)	UG/L	10		U		0.9
MW-39	Iron	UG/L	17,300	10,300			14.6
MW-39	Lead	UG/L	3.5		U		1
MW-39	Magnesium	UG/L	22,300	19,800			20.7

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				Result	LQ	DQ	Detect Limit
MW-39	Manganese	UG/L	1,060	681			0.1
MW-39	Mercury	UG/L	0.20		U		0.1
MW-39	Nickel	UG/L	712	9.6	B	J	0.6
MW-39	Potassium	UG/L	8,190	5,270	E	J	28
MW-39	Selenium	UG/L	2.0		U		2.3
MW-39	Silver	UG/L	10		U		0.6
MW-39	Sodium	UG/L	123,000	**157,000**			148
MW-39	Thallium	UG/L	3.0		U		3
MW-39	Vanadium	UG/L	20	0.72	B	J	0.5
MW-39	Zinc	UG/L	36	3.3	B	J	0.5
MW-40	Arsenic	UG/L	3.8		U		1.6
MW-40	Lead	UG/L	11	1.9	B	J	1
MW-41	Aluminum	UG/L	1,040	397			39.3
MW-41	Antimony	UG/L	2.0		U		2.6
MW-41	Arsenic	UG/L	3.0		U		1.6
MW-41	Barium	UG/L	31	**42.4**	B	J	0.1
MW-41	Beryllium	UG/L	1.0		U		0.1
MW-41	Cadmium	UG/L	1.0		U		0.2
MW-41	Calcium	UG/L	55,200	**82,600**			28
MW-41	Chromium (Total)	UG/L	10	3.6	B	J	0.5
MW-41	Cobalt	UG/L	10		U		0.4
MW-41	Copper	UG/L	16	3.4	B	J	0.6
MW-41	Cyanide (Total)	UG/L	10		U		0.9
MW-41	Iron	UG/L	1,670	442			14.6
MW-41	Lead	UG/L	13	1.6	B	J	1
MW-41	Magnesium	UG/L	18,500	**28,700**			20.7
MW-41	Manganese	UG/L	414	49.4			0.1
MW-41	Mercury	UG/L	0.20		U		0.1
MW-41	Nickel	UG/L	20	2.9	B	J	0.6
MW-41	Potassium	UG/L	964	485	BE	J	28
MW-41	Selenium	UG/L	2.0		U		2.3
MW-41	Silver	UG/L	10		U		0.6
MW-41	Sodium	UG/L	9,560	**9,620**			148
MW-41	Thallium	UG/L	3.0		U		3
MW-41	Vanadium	UG/L	20	0.97	B	J	0.5
MW-41	Zinc	UG/L	32	0.59	B	J	0.5
MW-42	Aluminum	UG/L	1,880		U		39.3
MW-42	Antimony	UG/L	2.0		U		2.6
MW-42	Arsenic	UG/L	15		U		1.6
MW-42	Barium	UG/L	97	69.8	B	J	0.1
MW-42	Beryllium	UG/L	1.0		U		0.1
MW-42	Cadmium	UG/L	1.0		U		0.2
MW-42	Calcium	UG/L	139,000	132,000			28
MW-42	Chromium (Total)	UG/L	15	0.54	B	J	0.5
MW-42	Cobalt	UG/L	10	0.53	B	J	0.4
MW-42	Copper	UG/L	22	0.95	B	J	0.6

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				Result	LQ	DQ	Detect Limit
MW-42	Cyanide (Total)	UG/L	10		U		0.9
MW-42	Iron	UG/L	11,100	2,600			14.6
MW-42	Lead	UG/L	5.7		U		1
MW-42	Magnesium	UG/L	49,800	**51,300**			20.7
MW-42	Manganese	UG/L	928	632			0.1
MW-42	Mercury	UG/L	0.20		U		0.1
MW-42	Nickel	UG/L	20	1.1	B	J	0.6
MW-42	Potassium	UG/L	2,350	831	BE	J	28
MW-42	Selenium	UG/L	2.0		U		2.3
MW-42	Silver	UG/L	10		U		0.6
MW-42	Sodium	UG/L	18,000	**19,300**			148
MW-42	Thallium	UG/L	3.0		U		3
MW-42	Vanadium	UG/L	20		U		0.5
MW-42	Zinc	UG/L	30		U		0.5
MW-43	Aluminum	UG/L	12,700	3,880			39.3
MW-43	Antimony	UG/L	2.0		U		2.6
MW-43	Arsenic	UG/L	81	28.3			1.6
MW-43	Barium	UG/L	128	52.6	B	J	0.1
MW-43	Beryllium	UG/L	1.5	0.76	B	J	0.1
MW-43	Cadmium	UG/L	1.3	0.79	B	J	0.2
MW-43	Calcium	UG/L	134,000	**141,000**			28
MW-43	Chromium (Total)	UG/L	95	2.5	B	J	0.5
MW-43	Cobalt	UG/L	20	**258**			0.4
MW-43	Copper	UG/L	75	40.4			0.6
MW-43	Cyanide (Total)	UG/L	10		U		0.9
MW-43	Iron	UG/L	47,500	27,900			14.6
MW-43	Lead	UG/L	33	4.1			1
MW-43	Magnesium	UG/L	63,600	60,800			20.7
MW-43	Manganese	UG/L	857	454			0.1
MW-43	Mercury	UG/L	0.20		U		0.1
MW-43	Nickel	UG/L	82	**262**			0.6
MW-43	Potassium	UG/L	5,610	631	BE	J	28
MW-43	Selenium	UG/L	2.1		U		2.3
MW-43	Silver	UG/L	10		U		0.6
MW-43	Sodium	UG/L	13,100	**22,800**			148
MW-43	Thallium	UG/L	3.0		U		3
MW-43	Vanadium	UG/L	31	2.6	B	J	0.5
MW-43	Zinc	UG/L	104	**233**			0.5
MW-44	Aluminum	UG/L	1,710	55.6	B	J	39.3
MW-44	Antimony	UG/L	2.0		U		2.6
MW-44	Arsenic	UG/L	41	9.8	B	J	1.6
MW-44	Barium	UG/L	150	**163**	B	J	0.1
MW-44	Beryllium	UG/L	1.0		U		0.1
MW-44	Cadmium	UG/L	1.0		U		0.2
MW-44	Calcium	UG/L	94,000	**168,000**			28
MW-44	Chromium (Total)	UG/L	31	**121**			0.5

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Comparison of Results to Baseline Highest Detections
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Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-44	Cobalt	UG/L	10		U		0.4
MW-44	Copper	UG/L	27	2.9	B	J	0.6
MW-44	Cyanide (Total)	UG/L	10	1.3	B	J	0.9
MW-44	Iron	UG/L	14,700	2,860			14.6
MW-44	Lead	UG/L	1.5		U		1
MW-44	Magnesium	UG/L	38,450	**59,500**			20.7
MW-44	Manganese	UG/L	108	65.1			0.1
MW-44	Mercury	UG/L	0.20		U		0.1
MW-44	Nickel	UG/L	23	11.2	B	J	0.6
MW-44	Potassium	UG/L	2,040	1,330	BE	J	28
MW-44	Selenium	UG/L	2.0		U		2.3
MW-44	Silver	UG/L	10		U		0.6
MW-44	Sodium	UG/L	20,800	**129,000**			148
MW-44	Thallium	UG/L	3.0		U		3
MW-44	Vanadium	UG/L	20		U		0.5
MW-44	Zinc	UG/L	28	2.4	B	J	0.5
MW-45	Aluminum	UG/L	776	128	B	J	39.3
MW-45	Antimony	UG/L	2.0		U		2.6
MW-45	Arsenic	UG/L	44	37.6			1.6
MW-45	Barium	UG/L	117	93.6	B	J	0.1
MW-45	Beryllium	UG/L	1.0		U		0.1
MW-45	Cadmium	UG/L	1.0		U		0.2
MW-45	Calcium	UG/L	120,000	100,000			28
MW-45	Chromium (Total)	UG/L	29	1.3	B	J	0.5
MW-45	Cobalt	UG/L	10	2.5	B	J	0.4
MW-45	Copper	UG/L	48	1.5	B	J	0.6
MW-45	Cyanide (Total)	UG/L	10		U		0.9
MW-45	Iron	UG/L	15,900	15,100			14.6
MW-45	Lead	UG/L	39		U		1
MW-45	Magnesium	UG/L	322,000	25,100			20.7
MW-45	Manganese	UG/L	688	330			0.1
MW-45	Mercury	UG/L	0.20		U		0.1
MW-45	Nickel	UG/L	35	3.8	B	J	0.6
MW-45	Potassium	UG/L	8,350	5,260	E	J	28
MW-45	Selenium	UG/L	2.0		U		2.3
MW-45	Silver	UG/L	10		U		0.6
MW-45	Sodium	UG/L	101,000	**108,000**			148
MW-45	Thallium	UG/L	3.0		U		3
MW-45	Vanadium	UG/L	20	0.52	B	J	0.5
MW-45	Zinc	UG/L	21	3.3	B	J	0.5
MW-46	Aluminum	UG/L	821	67.2	B	J	39.3
MW-46	Antimony	UG/L	2.0		U		2.6
MW-46	Arsenic	UG/L	3.7	2.1	B	J	1.6
MW-46	Barium	UG/L	132	**149**	B	J	0.1
MW-46	Beryllium	UG/L	1.0		U		0.1
MW-46	Cadmium	UG/L	1.1	0.26	B	J	0.2

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				Result	LQ	DQ	Detect Limit
MW-46	Calcium	UG/L	115,000	**128,000**			28
MW-46	Chromium (Total)	UG/L	12	1.3	B	J	0.5
MW-46	Cobalt	UG/L	10		U		0.4
MW-46	Copper	UG/L	13	0.65	B	J	0.6
MW-46	Cyanide (Total)	UG/L	10	0.94	B	J	0.9
MW-46	Iron	UG/L	21,700	**33,100**			14.6
MW-46	Lead	UG/L	5.0		U		1
MW-46	Magnesium	UG/L	32,400	**37,000**			20.7
MW-46	Manganese	UG/L	1,510	**1,660**			0.1
MW-46	Mercury	UG/L	0.20		U		0.1
MW-46	Nickel	UG/L	20	1.8	B	J	0.6
MW-46	Potassium	UG/L	1,450	976	BE	J	28
MW-46	Selenium	UG/L	2.0		U		2.3
MW-46	Silver	UG/L	10		U		0.6
MW-46	Sodium	UG/L	74,900	**204,000**			148
MW-46	Thallium	UG/L	3.0		U		3
MW-46	Vanadium	UG/L	20	1.5	B	J	0.5
MW-46	Zinc	UG/L	19	4.8	B	J	0.5
MW-47	Aluminum	UG/L	1,630	790			39.3
MW-47	Antimony	UG/L	2.0		U		2.6
MW-47	Arsenic	UG/L	2.0		U		1.6
MW-47	Barium	UG/L	13	**12.8**	B	J	0.1
MW-47	Beryllium	UG/L	1.0		U		0.1
MW-47	Cadmium	UG/L	1.0		U		0.2
MW-47	Calcium	UG/L	13,700	9,470			28
MW-47	Chromium (Total)	UG/L	10	5.3	B	J	0.5
MW-47	Cobalt	UG/L	10	0.57	B	J	0.4
MW-47	Copper	UG/L	15	2.3	B	J	0.6
MW-47	Cyanide (Total)	UG/L	10		U		0.9
MW-47	Iron	UG/L	1,130	797			14.6
MW-47	Lead	UG/L	23		U		1
MW-47	Magnesium	UG/L	3,990	2,640	B	J	20.7
MW-47	Manganese	UG/L	27	9	B	J	0.1
MW-47	Mercury	UG/L	0.20		U		0.1
MW-47	Nickel	UG/L	20	2.6	B	J	0.6
MW-47	Potassium	UG/L	1,130	638	BE	J	28
MW-47	Selenium	UG/L	2.0		U		2.3
MW-47	Silver	UG/L	10		U		0.6
MW-47	Sodium	UG/L	6,750	**10,200**			148
MW-47	Thallium	UG/L	4.3		U		3
MW-47	Vanadium	UG/L	20	1.7	B	J	0.5
MW-47	Zinc	UG/L	42	6.5	B	J	0.5
MW-48	Aluminum	UG/L	330		U		39.3
MW-48	Antimony	UG/L	2.0		U		2.6
MW-48	Arsenic	UG/L	13	5	B	J	1.6
MW-48	Barium	UG/L	160	58.7	B	J	0.1

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Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-48	Beryllium	UG/L	1.0		U	J	0.1
MW-48	Cadmium	UG/L	1.0		U		0.2
MW-48	Calcium	UG/L	142,000	119,000			28
MW-48	Chromium (Total)	UG/L	10	0.67	B	J	0.5
MW-48	Cobalt	UG/L	10	5.7	B	J	0.4
MW-48	Copper	UG/L	14	0.84	B	J	0.6
MW-48	Cyanide (Total)	UG/L	10		U		0.9
MW-48	Iron	UG/L	30,800	10,400			14.6
MW-48	Lead	UG/L	7.7		U		1
MW-48	Magnesium	UG/L	20,100	**23,000**			20.7
MW-48	Manganese	UG/L	688	**824**			0.1
MW-48	Mercury	UG/L	0.20		U		0.1
MW-48	Nickel	UG/L	20	10.2	B	J	0.6
MW-48	Potassium	UG/L	8,470	3,270	BE	J	28
MW-48	Selenium	UG/L	2.0		U		2.3
MW-48	Silver	UG/L	10		U		0.6
MW-48	Sodium	UG/L	52,100	37,200			148
MW-48	Thallium	UG/L	4.0		U		3
MW-48	Vanadium	UG/L	20		U		0.5
MW-48	Zinc	UG/L	53	5.7	B	J	0.5
MW-49	Aluminum	UG/L	1,070		U		39.3
MW-49	Antimony	UG/L	2.0		U		2.6
MW-49	Arsenic	UG/L	38	4.4	B	J	1.6
MW-49	Barium	UG/L	135	84.4	B	J	0.1
MW-49	Beryllium	UG/L	1.1		U		0.1
MW-49	Cadmium	UG/L	1.0		U		0.2
MW-49	Calcium	UG/L	94,600	86,200			28
MW-49	Chromium (Total)	UG/L	11	0.89	B	J	0.5
MW-49	Cobalt	UG/L	10	0.69	B	J	0.4
MW-49	Copper	UG/L	12	1.1	B	J	0.6
MW-49	Cyanide (Total)	UG/L	10	1.2	B	J	0.9
MW-49	Iron	UG/L	28,700	10,700			14.6
MW-49	Lead	UG/L	4.4		U		1
MW-49	Magnesium	UG/L	11,800	**16,600**			20.7
MW-49	Manganese	UG/L	2,330	1,090			0.1
MW-49	Mercury	UG/L	0.20		U		0.1
MW-49	Nickel	UG/L	21	3.8	B	J	0.6
MW-49	Potassium	UG/L	5,900	2,820	BE	J	28
MW-49	Selenium	UG/L	2.0		U		2.3
MW-49	Silver	UG/L	10		U		0.6
MW-49	Sodium	UG/L	29,650	15,300			148
MW-49	Thallium	UG/L	3.0		U		3
MW-49	Vanadium	UG/L	20	0.86	B	J	0.5
MW-49	Zinc	UG/L	60	2.5	B	J	0.5
MW-50	Aluminum	UG/L	12,000	2,510			39.3
MW-50	Antimony	UG/L	2.0		U		2.6

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Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-50	Arsenic	UG/L	7.7		U		1.6
MW-50	Barium	UG/L	314	181	B	J	0.1
MW-50	Beryllium	UG/L	1.1	0.11	B	J	0.1
MW-50	Cadmium	UG/L	1.0		U		0.2
MW-50	Calcium	UG/L	191,000	123,000			28
MW-50	Chromium (Total)	UG/L	130	9.6	B	J	0.5
MW-50	Cobalt	UG/L	12	1.8	B	J	0.4
MW-50	Copper	UG/L	41	4.8	B	J	0.6
MW-50	Cyanide (Total)	UG/L	10		U		0.9
MW-50	Iron	UG/L	20,200	5,710			14.6
MW-50	Lead	UG/L	14	1.1	B	J	1
MW-50	Magnesium	UG/L	87,800	58,700			20.7
MW-50	Manganese	UG/L	408	109			0.1
MW-50	Mercury	UG/L	0.20		U		0.1
MW-50	Nickel	UG/L	105	9.6	B	J	0.6
MW-50	Potassium	UG/L	21,200	6,220	E	J	28
MW-50	Selenium	UG/L	2.0		U		2.3
MW-50	Silver	UG/L	1.0		U		0.6
MW-50	Sodium	UG/L	481,000	190,000			148
MW-50	Thallium	UG/L	3.0		U		3
MW-50	Vanadium	UG/L	19	4.7	B	J	0.5
MW-50	Zinc	UG/L	57	6.1	B	J	0.5
MW-51	Aluminum	UG/L	1,040	284			39.3
MW-51	Antimony	UG/L	2.0		U		2.6
MW-51	Arsenic	UG/L	3.9		U		1.6
MW-51	Barium	UG/L	455	438			0.1
MW-51	Beryllium	UG/L	1.0		U		0.1
MW-51	Cadmium	UG/L	1.0		U		0.2
MW-51	Calcium	UG/L	153,000	142,000			28
MW-51	Chromium (Total)	UG/L	7.5	5.3	B	J	0.5
MW-51	Cobalt	UG/L	2.3	1.2	B	J	0.4
MW-51	Copper	UG/L	6.7	2.4	B	J	0.6
MW-51	Cyanide (Total)	UG/L	10	9	B	J	0.9
MW-51	Iron	UG/L	8,660	**9,040**			14.6
MW-51	Lead	UG/L	3.9	1	B	J	1
MW-51	Magnesium	UG/L	67,600	67,000			20.7
MW-51	Manganese	UG/L	173	89.7			0.1
MW-51	Mercury	UG/L	0.20		U		0.1
MW-51	Nickel	UG/L	11	5.3	B	J	0.6
MW-51	Potassium	UG/L	4,495	2,770	BE	J	28
MW-51	Selenium	UG/L	2.0		U		2.3
MW-51	Silver	UG/L	1.0		U		0.6
MW-51	Sodium	UG/L	114,000	98,900			148
MW-51	Thallium	UG/L	3.0		U		3
MW-51	Vanadium	UG/L	1.8	0.55	B	J	0.5
MW-51	Zinc	UG/L	19	1.7	B	J	0.5

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Comparison of Results to Baseline Highest Detections
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Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-52	Aluminum	UG/L	4,190	319			39.3
MW-52	Antimony	UG/L	6.8		U		2.6
MW-52	Arsenic	UG/L	125	2.9	B	J	1.6
MW-52	Barium	UG/L	369	307			0.1
MW-52	Beryllium	UG/L	1.2		U		0.1
MW-52	Cadmium	UG/L	1.0		U		0.2
MW-52	Calcium	UG/L	139,000	115,000			28
MW-52	Chromium (Total)	UG/L	248	2.2	B	J	0.5
MW-52	Cobalt	UG/L	13	0.87	B	J	0.4
MW-52	Copper	UG/L	67	1.6	B	J	0.6
MW-52	Cyanide (Total)	UG/L	10	1.1	B	J	0.9
MW-52	Iron	UG/L	11,600	4,970			14.6
MW-52	Lead	UG/L	31		U		1
MW-52	Magnesium	UG/L	52,800	45,500			20.7
MW-52	Manganese	UG/L	673	159			0.1
MW-52	Mercury	UG/L	0.20		U		0.1
MW-52	Nickel	UG/L	201	2.8	B	J	0.6
MW-52	Potassium	UG/L	7,770	2,200	BE	J	28
MW-52	Selenium	UG/L	2.1		U		2.3
MW-52	Silver	UG/L	1.0		U		0.6
MW-52	Sodium	UG/L	152,000	146,000			148
MW-52	Thallium	UG/L	4.1		U		3
MW-52	Vanadium	UG/L	11	0.88	B	J	0.5
MW-52	Zinc	UG/L	90	1.6	B	J	0.5
MW-53	Aluminum	UG/L	39,200	159	B	J	39.3
MW-53	Antimony	UG/L	3.3		U		2.6
MW-53	Arsenic	UG/L	30	4.7	B	J	1.6
MW-53	Barium	UG/L	1,620	1,530			0.1
MW-53	Beryllium	UG/L	6.2		U		0.1
MW-53	Cadmium	UG/L	1.0	0.29	B	J	0.2
MW-53	Calcium	UG/L	258,000	**269,000**			28
MW-53	Chromium (Total)	UG/L	189	2.7	B	J	0.5
MW-53	Cobalt	UG/L	25	2.6	B	J	0.4
MW-53	Copper	UG/L	107	3	B	J	0.6
MW-53	Cyanide (Total)	UG/L	10	2.4	B	J	0.9
MW-53	Iron	UG/L	48,800	26,900			14.6
MW-53	Lead	UG/L	138		U		1
MW-53	Magnesium	UG/L	117,000	96,800			20.7
MW-53	Manganese	UG/L	1,630	91.2			0.1
MW-53	Mercury	UG/L	0.24		U		0.1
MW-53	Nickel	UG/L	139	9.3	B	J	0.6
MW-53	Potassium	UG/L	33,200	21,100	E	J	28
MW-53	Selenium	UG/L	5.1		U		2.3
MW-53	Silver	UG/L	1.0		U		0.6
MW-53	Sodium	UG/L	404,000	351,000			148
MW-53	Thallium	UG/L	3.0		U		3

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				Result	LQ	DQ	Detect Limit
MW-53	Vanadium	UG/L	32	1	B	J	0.5
MW-53	Zinc	UG/L	443	2.5	B	J	0.5
MW-54R	Aluminum	UG/L	1,980	49.6	B	J	39.3
MW-54R	Antimony	UG/L	3.2		U		2.6
MW-54R	Arsenic	UG/L	9.8		U		1.6
MW-54R	Barium	UG/L	190	**192**	B	J	0.1
MW-54R	Beryllium	UG/L	1.0		U		0.1
MW-54R	Cadmium	UG/L	1.0		U		0.2
MW-54R	Calcium	UG/L	132,000	108,000			28
MW-54R	Chromium (Total)	UG/L	82	0.8	B	J	0.5
MW-54R	Cobalt	UG/L	4.0	0.7	B	J	0.4
MW-54R	Copper	UG/L	60	0.68	B	J	0.6
MW-54R	Cyanide (Total)	UG/L	10		U		0.9
MW-54R	Iron	UG/L	5,480	3,250			14.6
MW-54R	Lead	UG/L	10		U		1
MW-54R	Magnesium	UG/L	54,100	47,500			20.7
MW-54R	Manganese	UG/L	256	57.3			0.1
MW-54R	Mercury	UG/L	0.20		U		0.1
MW-54R	Nickel	UG/L	66	1.4	B	J	0.6
MW-54R	Potassium	UG/L	4,540	1,720	BE	J	28
MW-54R	Selenium	UG/L	2.7		U		2.3
MW-54R	Silver	UG/L	1.0		U		0.6
MW-54R	Sodium	UG/L	28,700	28,600			148
MW-54R	Thallium	UG/L	3.0	**4.1**	B	J	3
MW-54R	Vanadium	UG/L	3.4		U		0.5
MW-54R	Zinc	UG/L	128	2.1	B	J	0.5
MW-55	Aluminum	UG/L	15,950	279			39.3
MW-55	Antimony	UG/L	2.2		U		2.6
MW-55	Arsenic	UG/L	13		U		1.6
MW-55	Barium	UG/L	286	275			0.1
MW-55	Beryllium	UG/L	2.7		U		0.1
MW-55	Cadmium	UG/L	1.0		U		0.2
MW-55	Calcium	UG/L	80,000	78,000			28
MW-55	Chromium (Total)	UG/L	145	1.9	B	J	0.5
MW-55	Cobalt	UG/L	11	0.6	B	J	0.4
MW-55	Copper	UG/L	105	2	B	J	0.6
MW-55	Cyanide (Total)	UG/L	10	1.3	B	J	0.9
MW-55	Iron	UG/L	17,700	618			14.6
MW-55	Lead	UG/L	46		U		1
MW-55	Magnesium	UG/L	48,500	**55,000**			20.7
MW-55	Manganese	UG/L	594	86.1			0.1
MW-55	Mercury	UG/L	0.22		U		0.1
MW-55	Nickel	UG/L	110	2.8	B	J	0.6
MW-55	Potassium	UG/L	11,350	4,210	BE	J	28
MW-55	Selenium	UG/L	4.7	2.3	UN	J	2.3
MW-55	Silver	UG/L	1.0		U		0.6

BOLD = Exceedance
NA = Not Applicable

CAS/cas/RHS/CAS
J:\1252\042\Databases\1998\ACS GW.mdb[rptNewResultsInorg]
1252042.221601

Comparison of Results to Baseline Highest Detections
March 2000
American Chemical Services NPL Site
Griffith, Indiana

Well	Analyte	Units	Highest Detect during Baseline	Current Event			
				Result	LQ	DQ	Detect Limit
MW-55	Sodium	UG/L	128,000	42,900			148
MW-55	Thallium	UG/L	3.0		U		3
MW-55	Vanadium	UG/L	16	0.76	B	J	0.5
MW-55	Zinc	UG/L	110	2	B	J	0.5

BOLD = Exceedance
NA = Not Applicable

CAS/cas/RHS/CAS
J:\1252\042\Databases\1998\ACS GW.mdb[rptNewResultsInorg]
1252042.221601

APPENDIX B

TIME TREND PLOTS

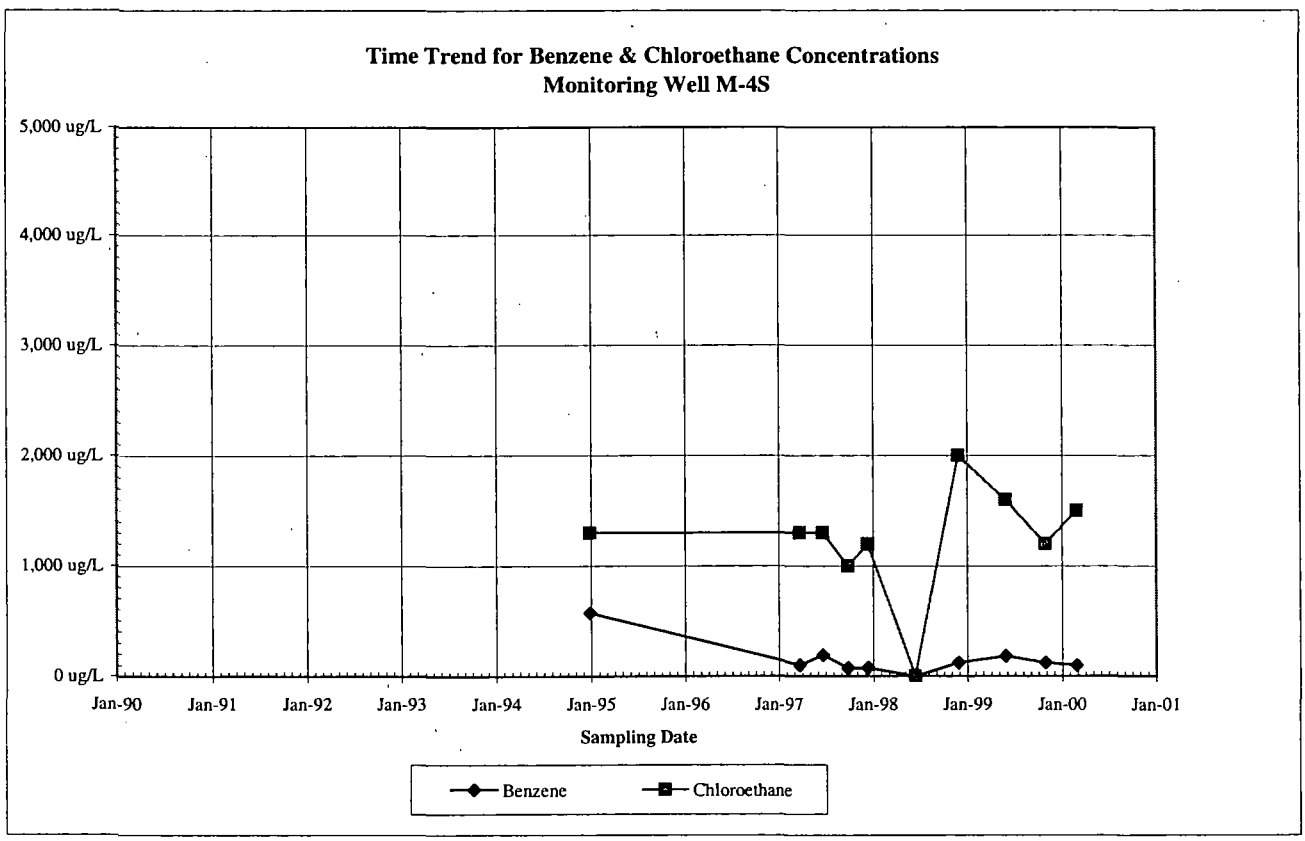
Upper Aquifer Monitoring Well: M-4S

Baseline Groundwater Monitoring
ACS NPL Site

M-4S

Date	Benzene	Chloroethane
BASELINE	190	1300
January-95	570 ug/L	1,300 ug/L
March-97	98 ug/L	1,300 ug/L
June-97	190 ug/L	1,300 ug/L
October-97	73 ug/L	1,000 ug/L
December-97	75 ug/L	1,200 ug/L
June-98	BDL	BDL
December-98	120 ug/L	2,000 ug/L
June-99	180 ug/L	1,600 ug/L
November-99	120 ug/L	1,200 ug/L
March-00	96 ug/L	1,500 ug/L

BDL = Below the Detection Limit



JMK/JMS/CAS
J:1252\042\Database
Timetrnd_South.xls[M-4S]

7/19/00

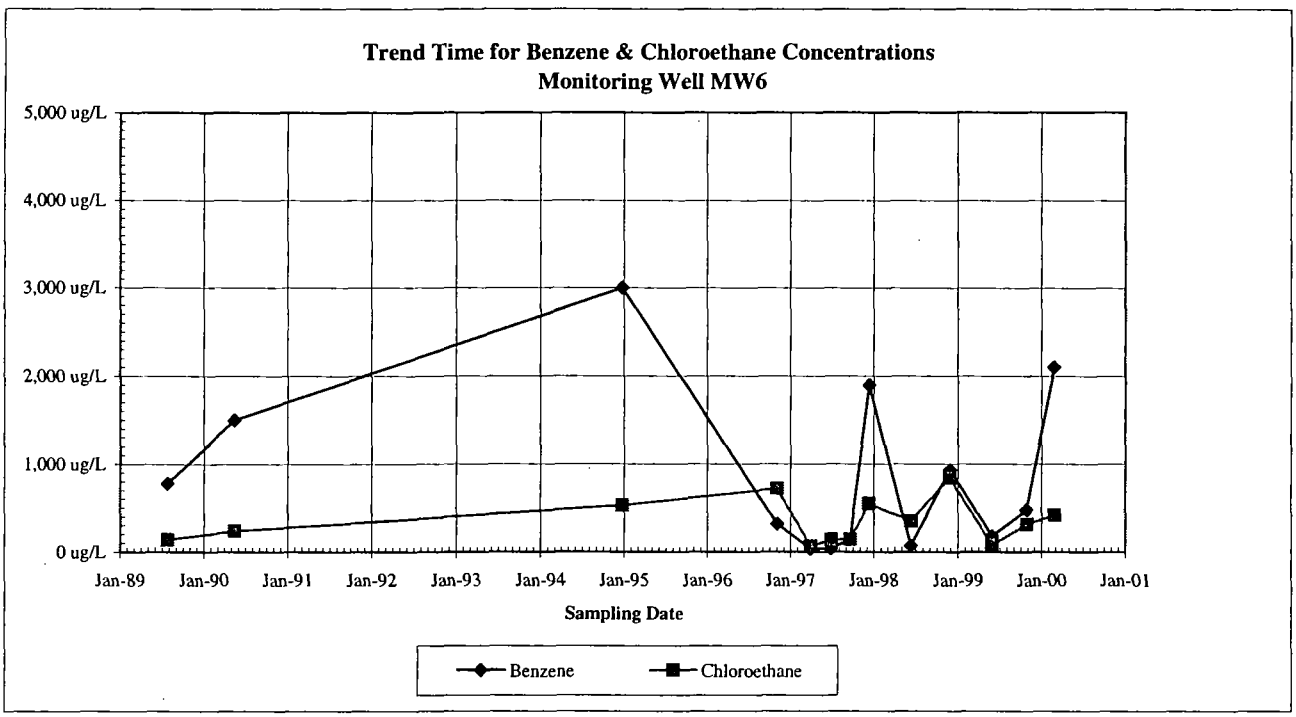
Upper Aquifer Monitoring Well: MW6

Baseline Groundwater Monitoring
ACS NPL Site

MW6

Date	Benzene	Chloroethane
BASELINE	**320**	**720**
August-89	780 ug/L	140 ug/L
May-90	1,500 ug/L	240 ug/L
December-94	3,000 ug/L	530 ug/L
November-96	320 ug/L	720 ug/L
April-97	35 ug/L	67 ug/L
July-97	39 ug/L	140 ug/L
September-97	140 ug/L	140 ug/L
December-97	1,900 ug/L	550 ug/L
June-98	72 ug/L	350 ug/L
December-98	930 ug/L	840 ug/L
June-99	180 ug/L	78 ug/L
November-99	480 ug/L	310 ug/L
March-00	2,100 ug/L	420 ug/L

BDL = Below the Detection Limit

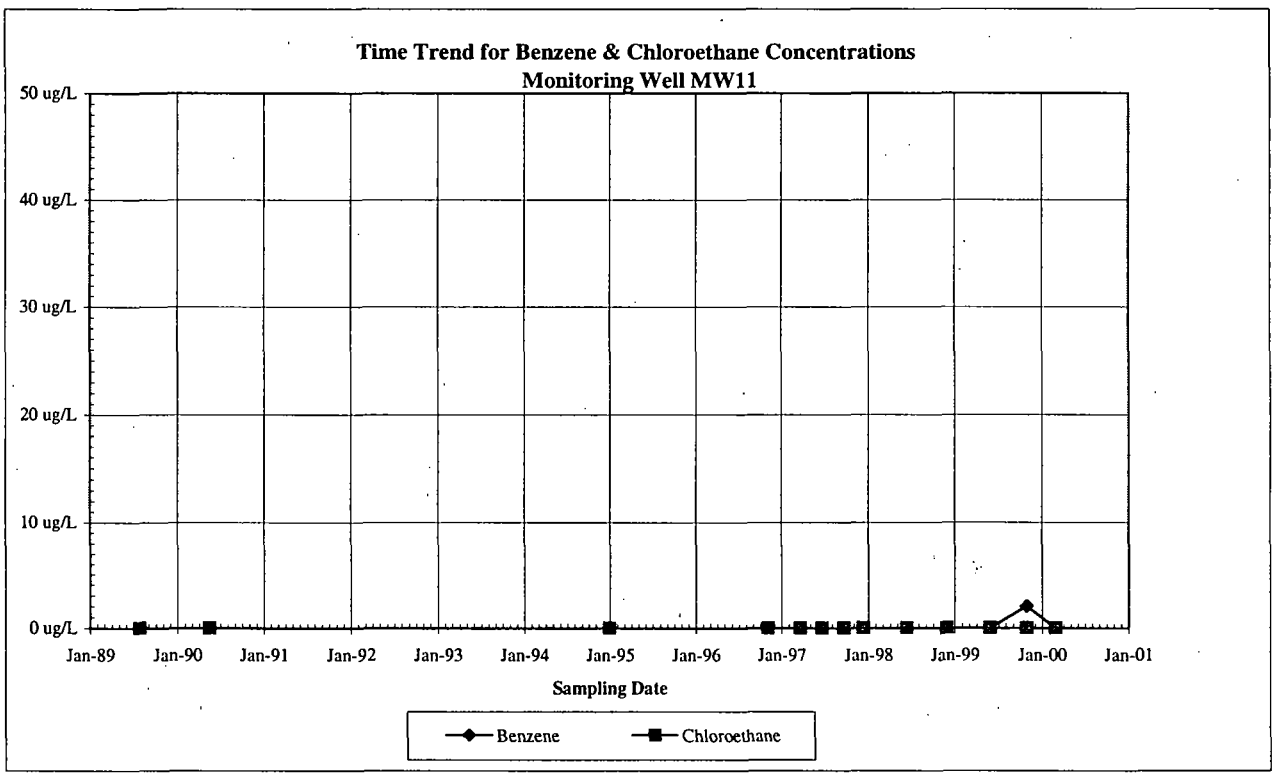


Baseline Groundwater Monitoring
ACS NPL Site

MW11

Date	Benzene	Chloroethane
Baseline	**10**	**10**
August-89	BDL	BDL
May-90	BDL	BDL
January-95	BDL	BDL
November-96	BDL	BDL
March-97	BDL	BDL
June-97	BDL	BDL
September-97	BDL	BDL
December-97	BDL	BDL
June-98	BDL	BDL
December-98	BDL	BDL
June-99	BDL	BDL
November-99	2 ug/L	BDL
March-00	BDL	BDL

BDL = Below the Detection Limit



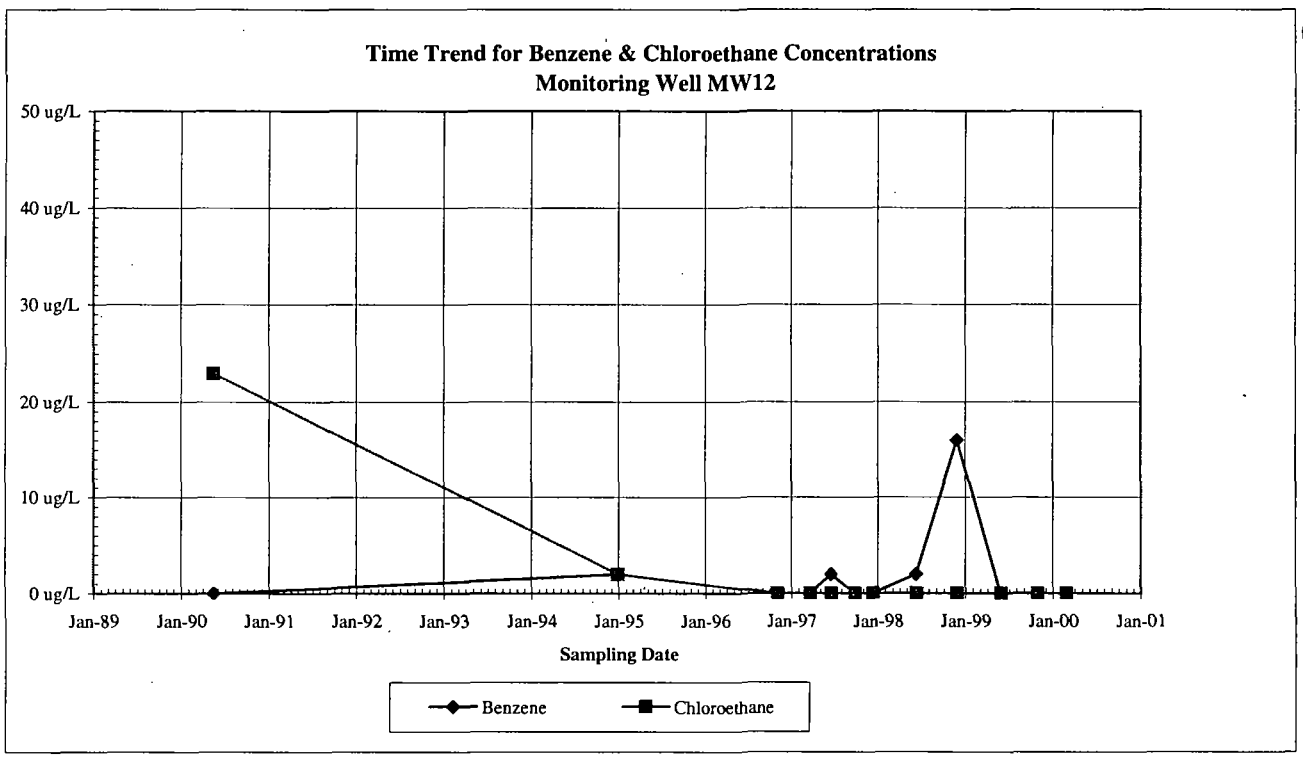
Upper Aquifer Monitoring Well: MW12

Baseline Groundwater Monitoring
ACS NPL Site

MW12

Date	Benzene	Chloroethane
BASELINE	**10**	**10**
August-89		
May-90	BDL	23 ug/L
January-95	2 ug/L	2 ug/L
November-96	BDL	BDL
March-97	BDL	BDL
June-97	2 ug/L	BDL
October-97	BDL	BDL
December-97	BDL	BDL
June-98	2 ug/L	BDL
December-98	16 ug/L	BDL
June-99	BDL	BDL
November-99	BDL	BDL
March-00	BDL	BDL

BDL = Below the Detection Limit



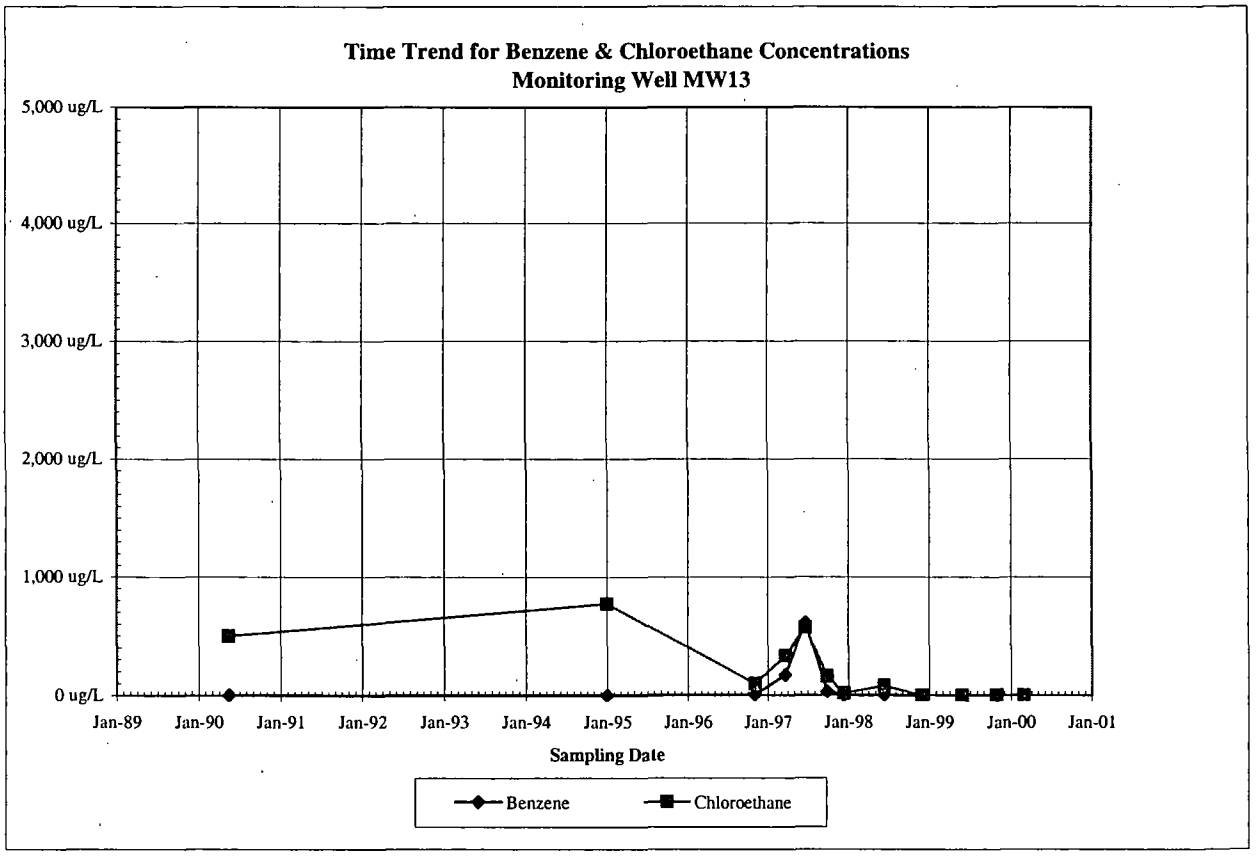
Upper Aquifer Monitoring Well: MW13

Baseline Groundwater Monitoring
ACS NPL Site

MW13

Date	Benzene	Chloroethane
Baseline	**610**	**570**
August-89		
May-90	2 ug/L	500 ug/L
January-95	BDL	770 ug/L
November-96	6 ug/L	97 ug/L
March-97	170 ug/L	330 ug/L
June-97	610 ug/L	570 ug/L
October-97	33 ug/L	160 ug/L
December-97	BDL	20 ug/L
June-98	2 ug/L	82 ug/L
December-98	BDL	BDL
June-99	BDL	BDL
November-99	BDL	BDL
March-00	BDL	BDL

BDL = Below the Detection Limit

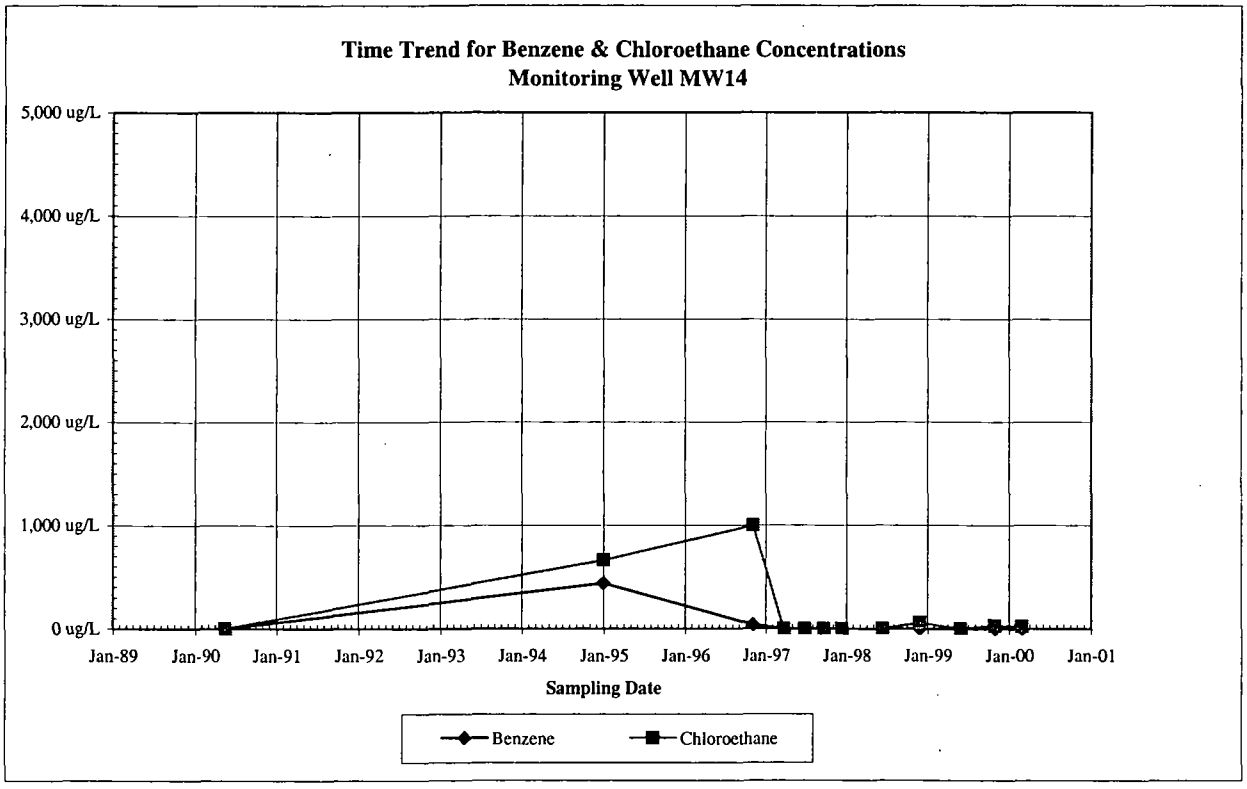


Baseline Groundwater Monitoring
ACS NPL Site

MW14

Date	Benzene	Chloroethane
Baseline	**41**	**1000**
August-89		
May-90	2 ug/L	3 ug/L
January-95	440 ug/L	660 ug/L
November-96	41 ug/L	1,000 ug/L
March-97	BDL	BDL
June-97	1 ug/L	BDL
September-97	BDL	BDL
December-97	BDL	BDL
June-98	BDL	BDL
December-98	BDL	59 ug/L
June-99	BDL	BDL
November-99	2 ug/L	32 ug/L
March-00	2 ug/L	26 ug/L

BDL = Below the Detection Limit



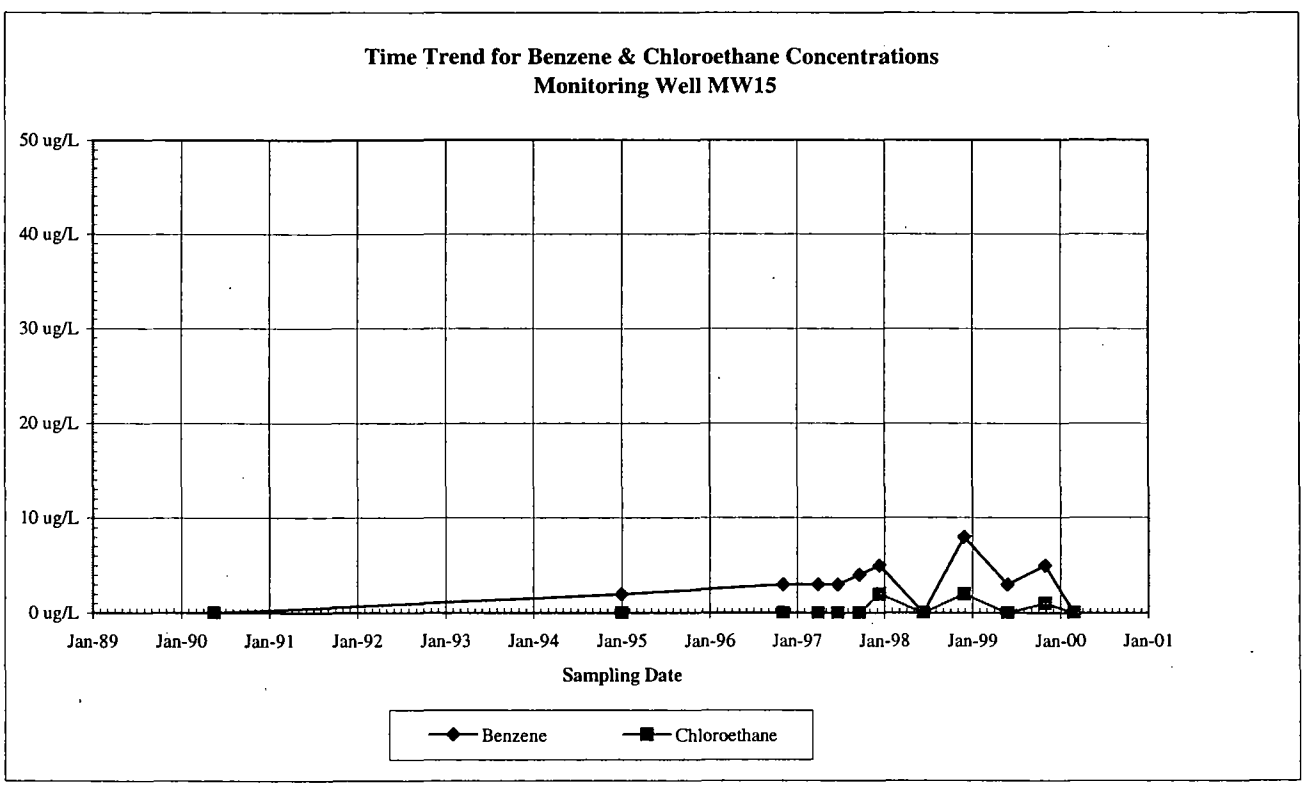
Upper Aquifer Monitoring Well: MW15

Baseline Groundwater Monitoring
ACS NPL Site

MW15

Date	Benzene	Chloroethane
BASELINE	**10**	**10**
August-89		
May-90	BDL	BDL
January-95	2 ug/L	BDL
November-96	3 ug/L	BDL
April-97	3 ug/L	BDL
June-97	3 ug/L	BDL
September-97	4 ug/L	BDL
December-97	5 ug/L	2 ug/L
June-98	BDL	BDL
December-98	8 ug/L	2 ug/L
June-99	3 ug/L	BDL
November-99	5 ug/L	1 ug/L
March-00	BDL	BDL

BDL = Below the Detection Limit



JMK/JMS/CAS
J:1252\042\Database
Timetrnd_South.xls[MW15]

7/19/00

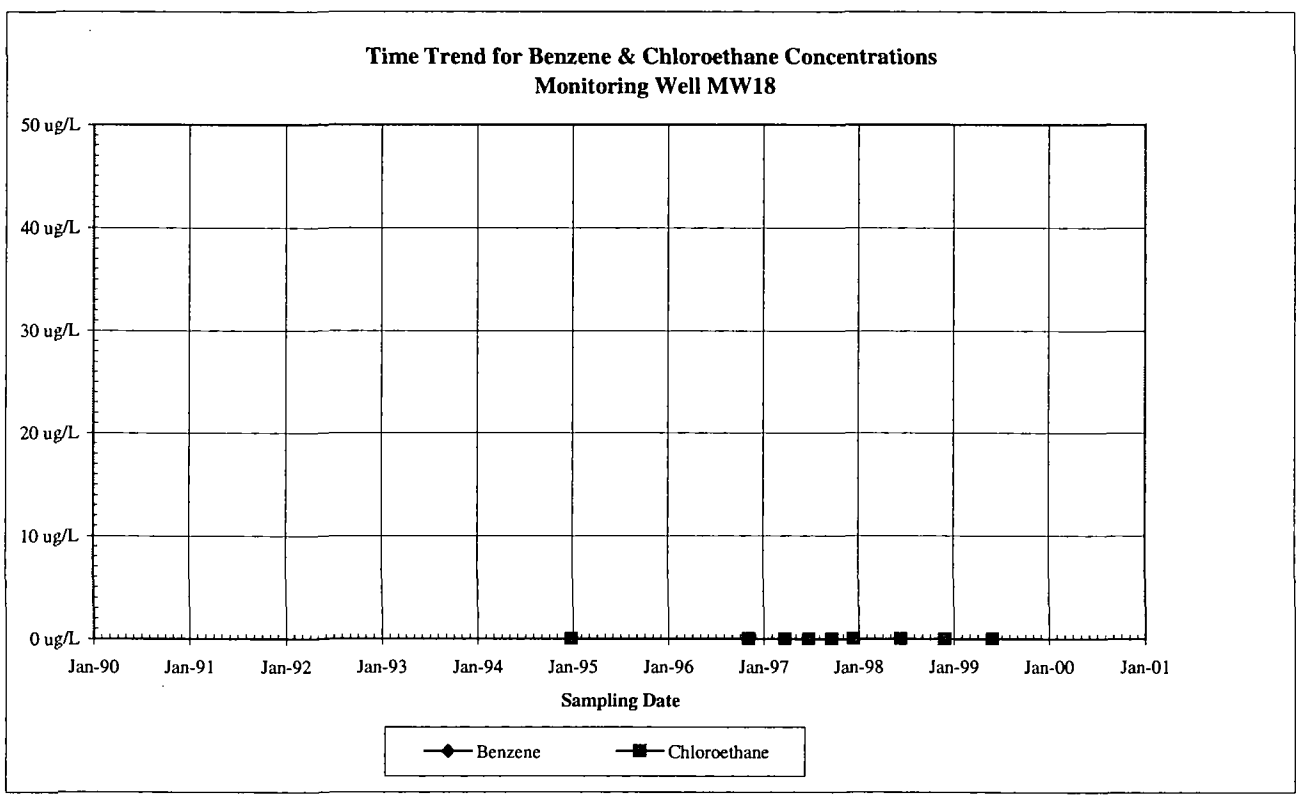
Upper Aquifer Monitoring Well: MW18

Baseline Groundwater Monitoring
ACS NPL Site

MW18

Date	Benzene	Chloroethane	
BASELINE	**10**	**10**	
August-89			
May-90			
December-94	BDL	BDL	
November-96	BDL	BDL	
March-97	BDL	BDL	
June-97	BDL	BDL	
September-97	BDL	BDL	
December-97	BDL	BDL	
June-98	BDL	BDL	
December-98	BDL	BDL	
June-99	BDL	BDL	
November-99			Not Sampled - Dry
March-00			Not Sampled - Dry

BDL = Below the Detection Limit



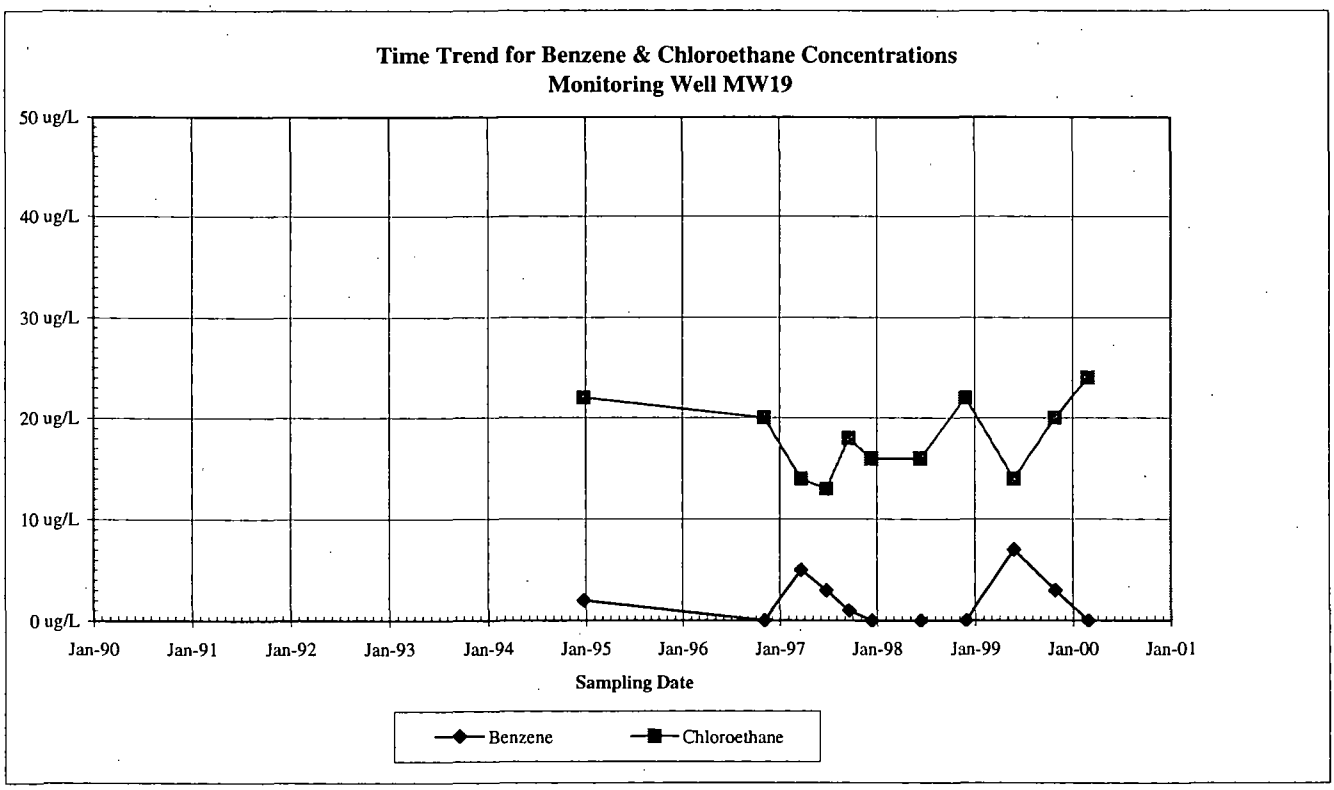
Upper Aquifer Monitoring Well: MW19

Baseline Groundwater Monitoring
ACS NPL Site

MW19

Date	Benzene	Chloroethane
BASELINE	**10**	**20**
August-89		
May-90		
December-94	2 ug/L	22 ug/L
November-96	BDL	20 ug/L
March-97	5 ug/L	14 ug/L
June-97	3 ug/L	13 ug/L
September-97	1 ug/L	18 ug/L
December-97	BDL	16 ug/L
June-98	BDL	16 ug/L
December-98	BDL	22 ug/L
June-99	7 ug/L	14 ug/L
November-99	3 ug/L	20 ug/L
March-00	BDL	24 ug/L

BDL = Below the Detection Limit



JMK/JMS/CAS
J:1252\042\Database
Timetrnd_South.xls[MW19]

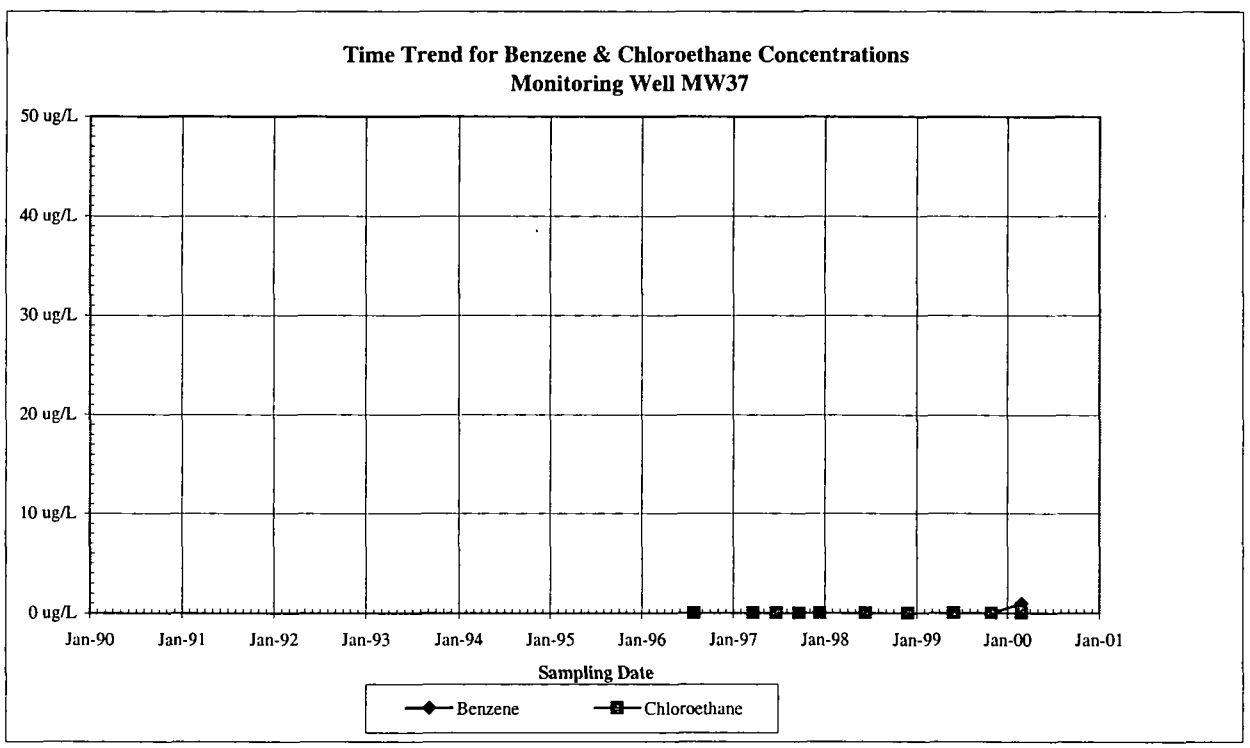
7/19/00

Baseline Groundwater Monitoring
ACS NPL Site

MW37

Date	Benzene	Chloroethane
Baseline	**10**	**10**
August-89		
May-90		
December-94		
August-96	BDL	BDL
March-97	BDL	BDL
June-97	BDL	BDL
September-97	BDL	BDL
December-97	BDL	BDL
June-98	BDL	BDL
December-98	BDL	BDL
June-99	BDL	BDL
November-99	BDL	BDL
March-00	1 ug/L	BDL

BDL = Below the Detection Limit

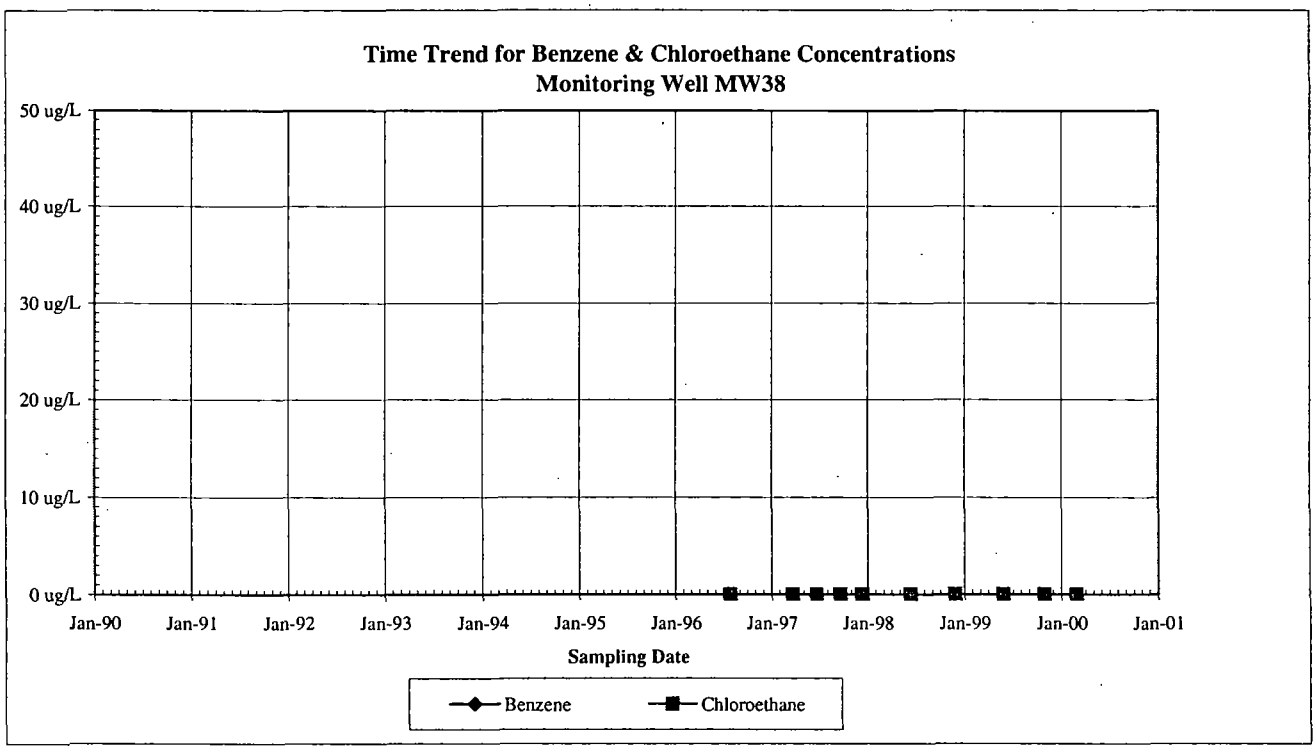


Baseline Groundwater Monitoring
ACS NPL Site

MW38

Date	Benzene	Chloroethane
Baseline	**10**	**10**
August-89		
May-90		
December-94		
August-96	BDL	BDL
March-97	BDL	BDL
June-97	BDL	BDL
September-97	BDL	BDL
December-97	BDL	BDL
June-98	BDL	BDL
December-98	BDL	BDL
June-99	BDL	BDL
November-99	BDL	BDL
March-00	BDL	BDL

BDL = Below the Detection Limit

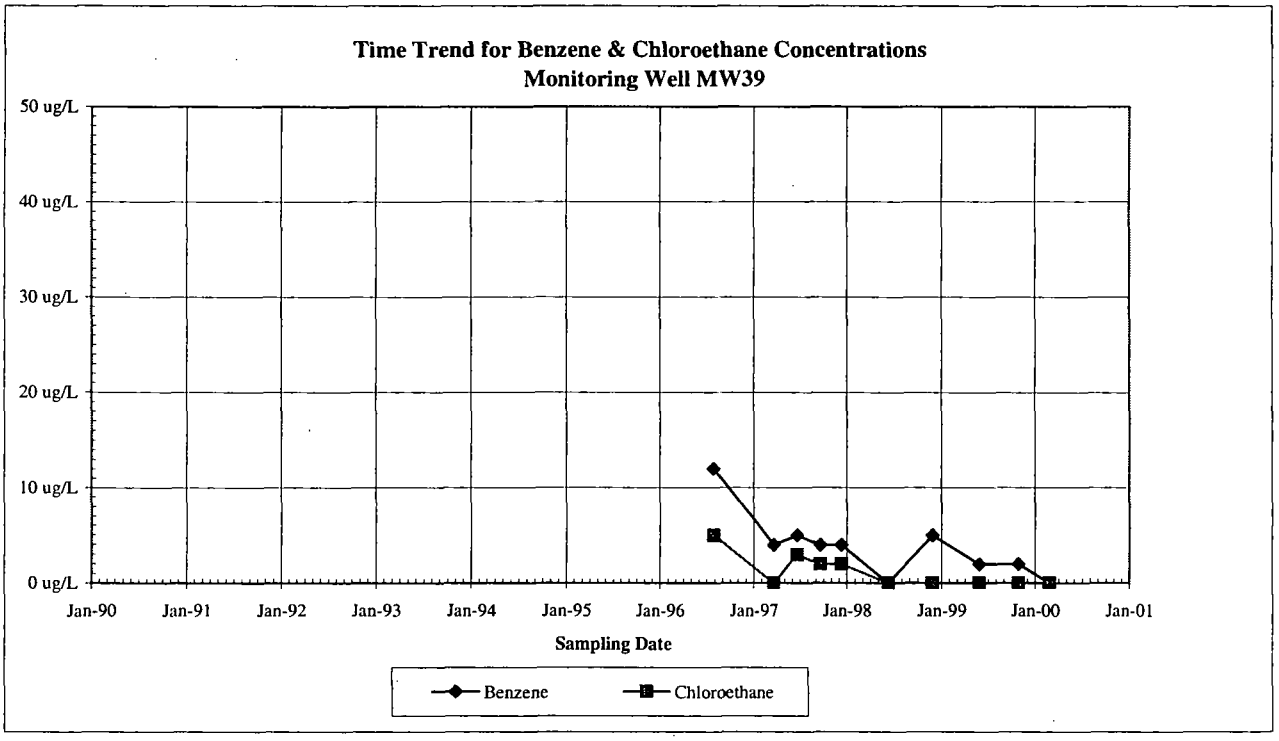


Baseline Groundwater Monitoring
ACS NPL Site

MW39

Date	Benzene	Chloroethane
Baseline	**12**	**10**
August-89		
May-90		
December-94		
August-96	12 ug/L	5 ug/L
March-97	4 ug/L	BDL
June-97	5 ug/L	3 ug/L
September-97	4 ug/L	2 ug/L
December-97	4 ug/L	2 ug/L
June-98	BDL	BDL
December-98	5 ug/L	BDL
June-99	2 ug/L	BDL
November-99	2 ug/L	BDL
March-00	BDL	BDL

BDL = Below the Detection Limit

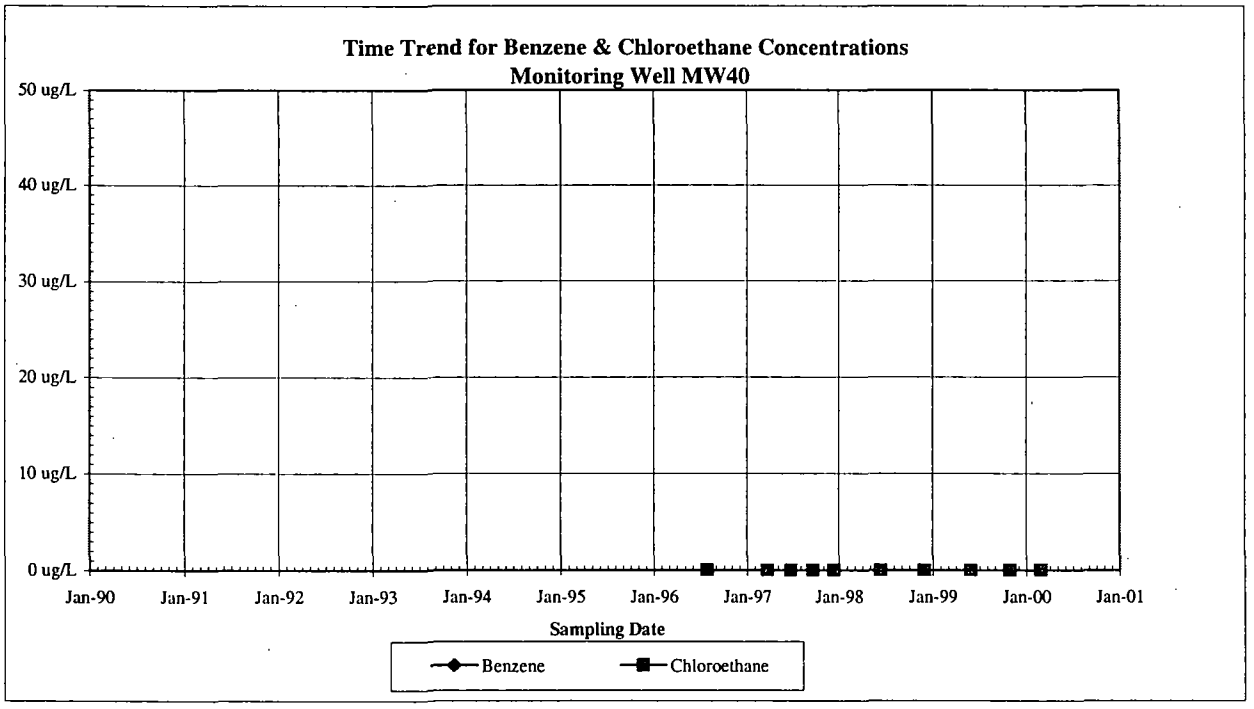


Baseline Groundwater Monitoring
ACS NPL Site

MW40

Date	Benzene	Chloroethane
Baseline	**10**	**10**
August-89		
May-90		
December-94		
August-96	BDL	BDL
March-97	BDL	BDL
June-97	BDL	BDL
September-97	BDL	BDL
December-97	BDL	BDL
June-98	BDL	BDL
December-98	BDL	BDL
June-99	BDL	BDL
November-99	BDL	BDL
March-00	BDL	BDL

BDL = Below the Detection Limit



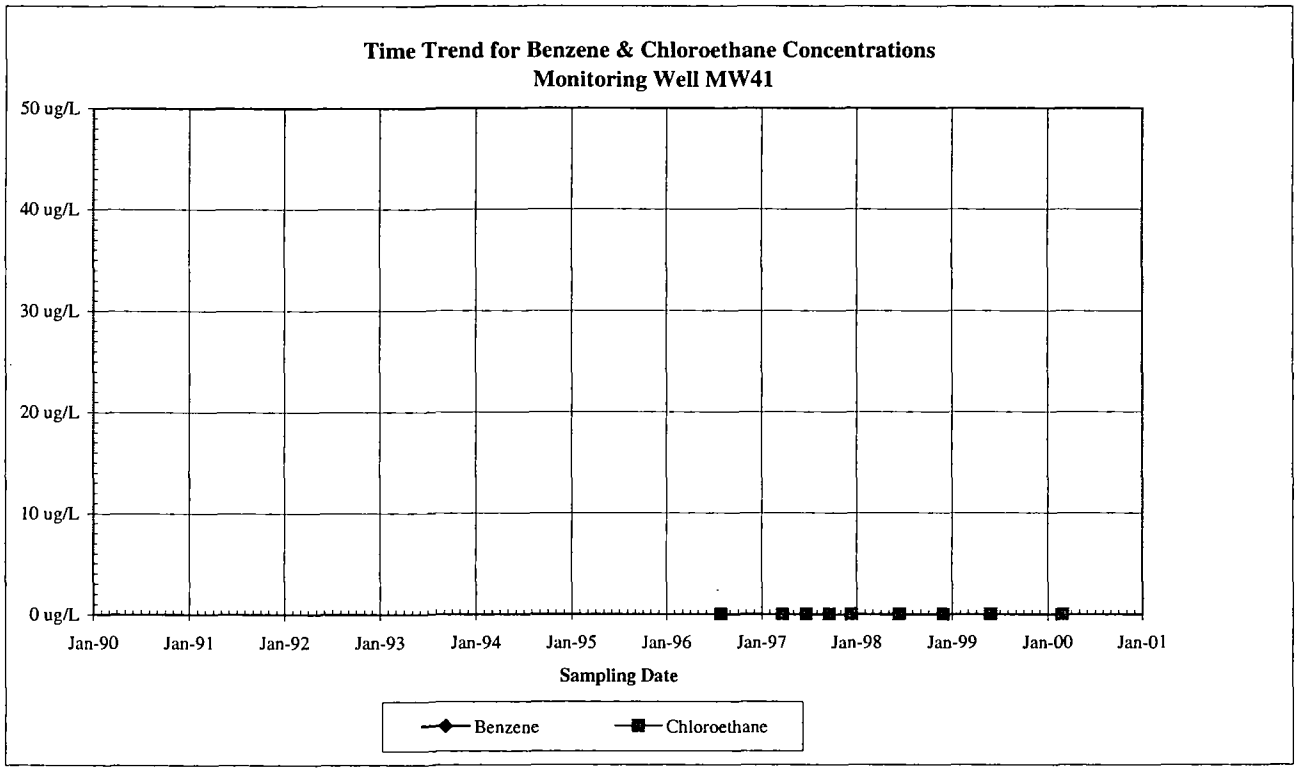
Upper Aquifer Monitoring Well: MW41

Baseline Groundwater Monitoring
ACS NPL Site

MW41

Date	Benzene	Chloroethane	
BASELINE	**10**	**10**	
August-89			
May-90			
December-94			
August-96	BDL	BDL	
March-97	BDL	BDL	
June-97	BDL	BDL	
September-97	BDL	BDL	
December-97	BDL	BDL	
June-98	BDL	BDL	
December-98	BDL	BDL	
June-99	BDL	BDL	
November-99			Not Sampled - Dry
March-00	BDL	BDL	

BDL = Below the Detection Limit



JMK/JMS/CAS
J:1252\042\Database
Timetrnd_South.xls[MW41]

7/19/00

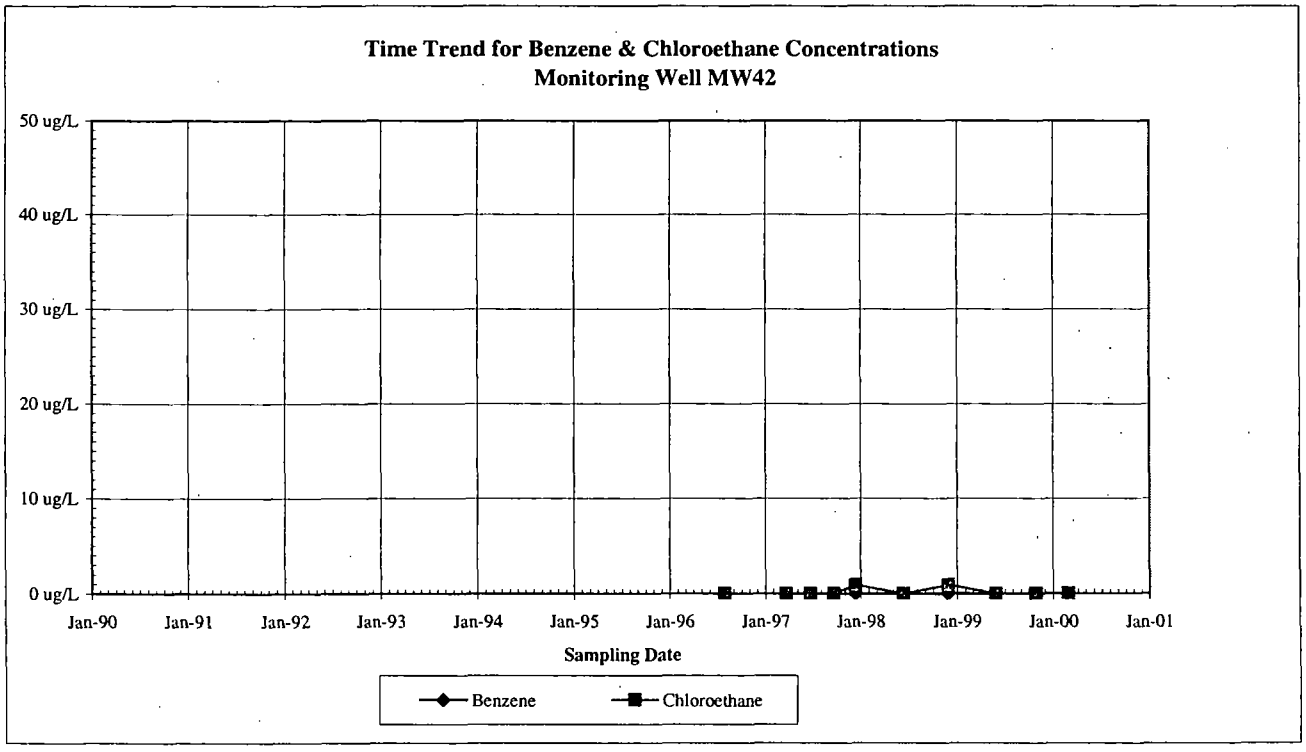
Upper Aquifer Monitoring Well: MW42

Baseline Groundwater Monitoring
ACS NPL Site

MW42

Date	Benzene	Chloroethane
BASELINE	**10**	**10**
August-89		
May-90		
December-94		
August-96	BDL	BDL
March-97	BDL	BDL
June-97	BDL	BDL
September-97	BDL	BDL
December-97	BDL	0.9 ug/L
June-98	BDL	BDL
December-98	BDL	0.9 ug/L
June-99	BDL	BDL
November-99	BDL	BDL
March-00	BDL	BDL

BDL = Below the Detection Limit



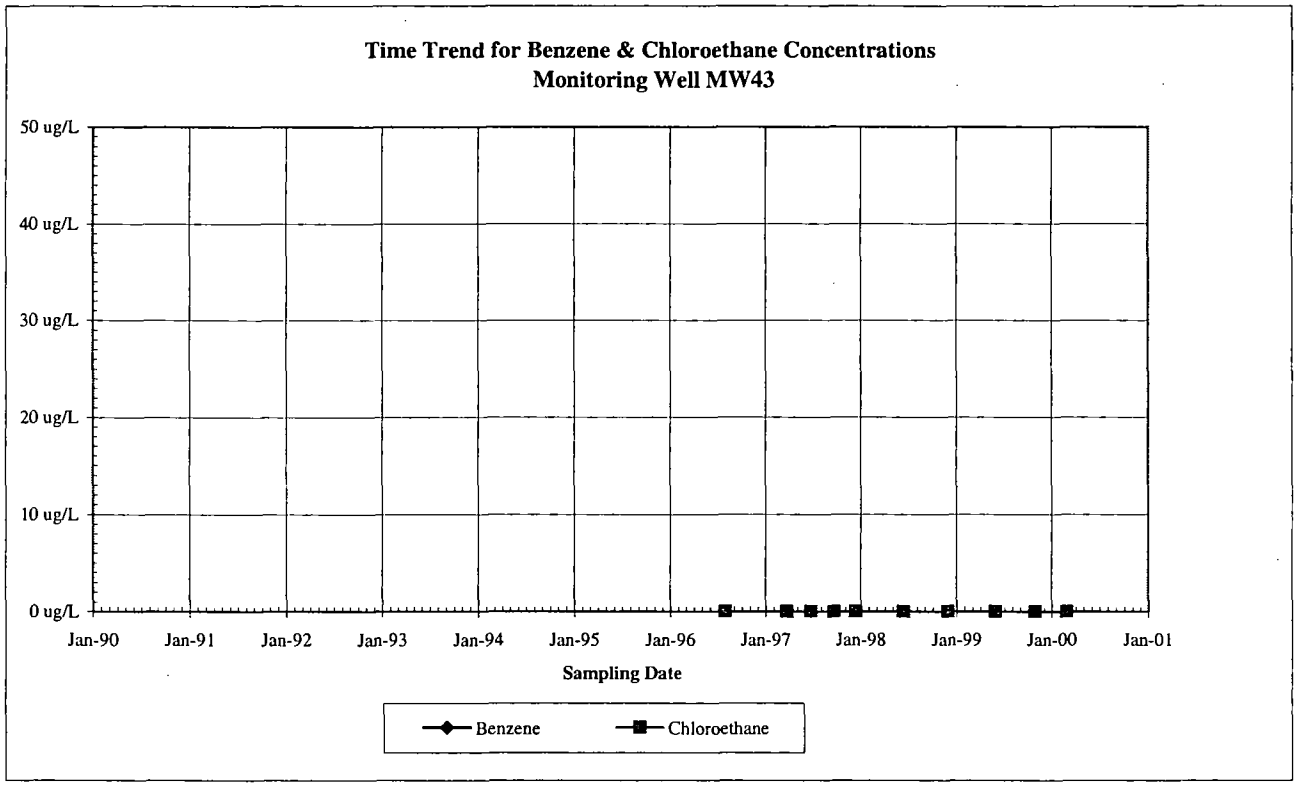
Upper Aquifer Monitoring Well: MW43

Baseline Groundwater Monitoring
ACS NPL Site

MW43

Date	Benzene	Chloroethane
BASELINE	**10**	**10**
August-89		
May-90		
December-94		
August-96	BDL	BDL
March-97	BDL	BDL
June-97	BDL	BDL
September-97	BDL	BDL
December-97	BDL	BDL
June-98	BDL	BDL
December-98	BDL	BDL
June-99	BDL	BDL
November-99	BDL	BDL
March-00	BDL	BDL

BDL = Below the Detection Limit



JMK/JMS/CAS
J:1252\042\Database
Timetrnd_South.xls[MW43]

7/19/00

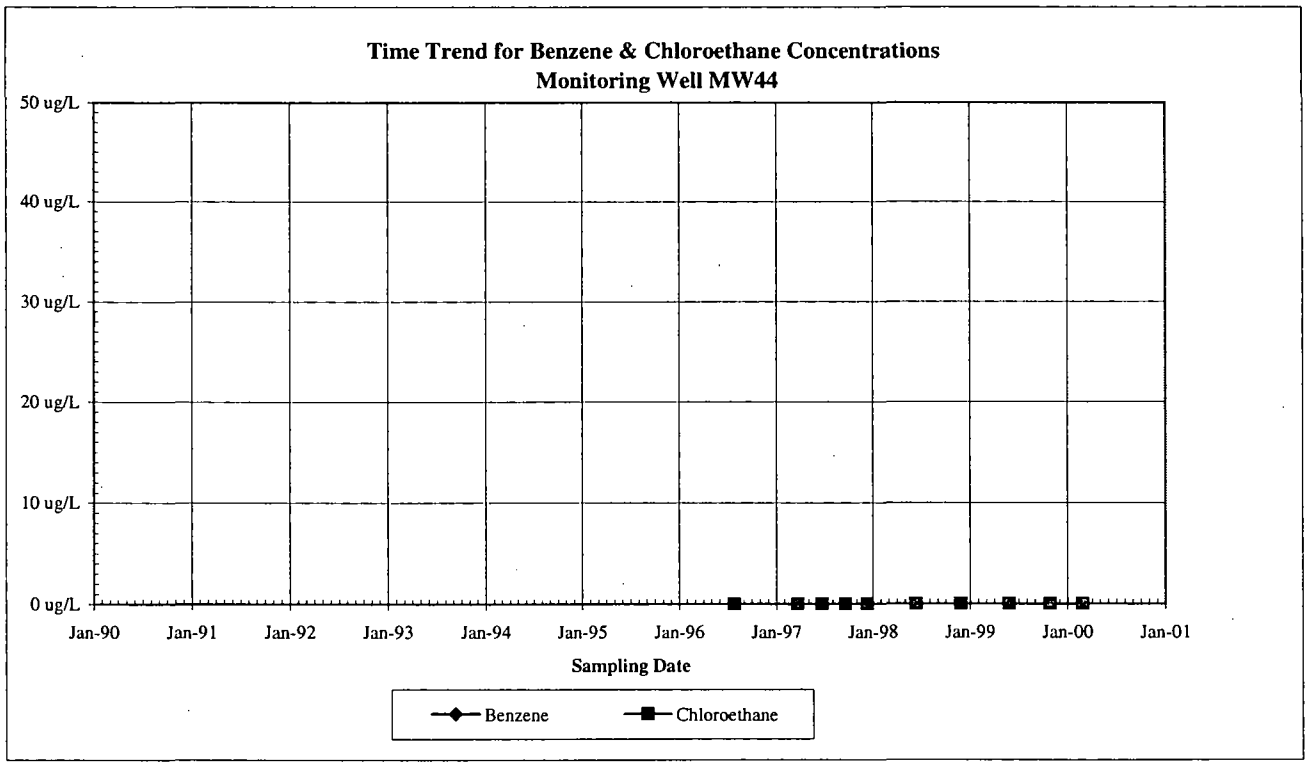
Upper Aquifer Monitoring Well: MW44

Baseline Groundwater Monitoring
ACS NPL Site

MW44

Date	Benzene	Chloroethane
BASELINE	**10**	**10**
August-89		
May-90		
December-94		
August-96	BDL	BDL
March-97	BDL	BDL
June-97	BDL	BDL
September-97	BDL	BDL
December-97	BDL	BDL
June-98	BDL	BDL
December-98	BDL	BDL
June-99	BDL	BDL
November-99	BDL	BDL
March-00	BDL	BDL

BDL = Below the Detection Limit



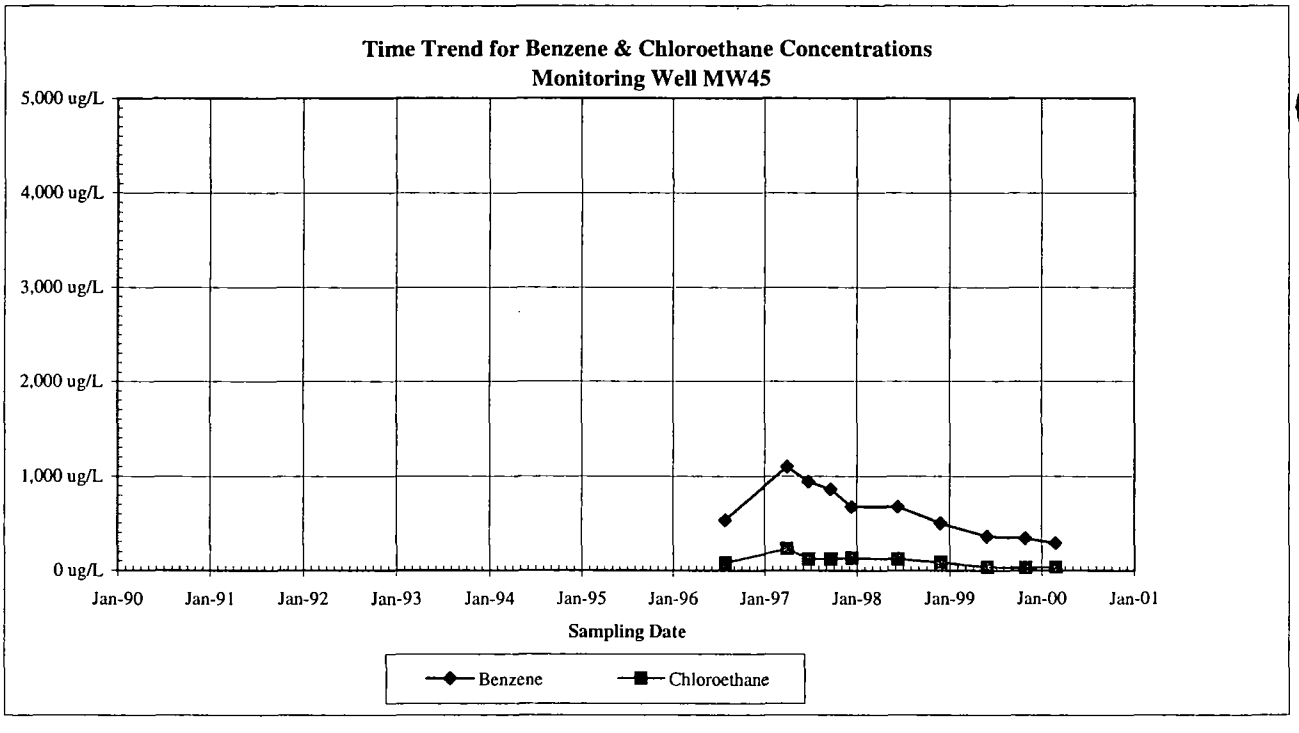
Upper Aquifer Monitoring Well: MW45

Baseline Groundwater Monitoring
ACS NPL Site

MW45

Date	Benzene	Chloroethane
BASELINE	**1045**	**215**
August-89		
May-90		
December-94		
August-96	530 ug/L	82 ug/L
April-97	1,100 ug/L	230 ug/L
June-97	940 ug/L	120 ug/L
September-97	860 ug/L	120 ug/L
December-97	670 ug/L	130 ug/L
June-98	670 ug/L	120 ug/L
December-98	500 ug/L	88 ug/L
June-99	360 ug/L	38 ug/L
November-99	340 ug/L	32 ug/L
March-00	290 ug/L	38 ug/L

BDL = Below the Detection Limit



JMK/JMS/CAS
J:1252\042\Database
Timetrnd_South.xls[MW45]

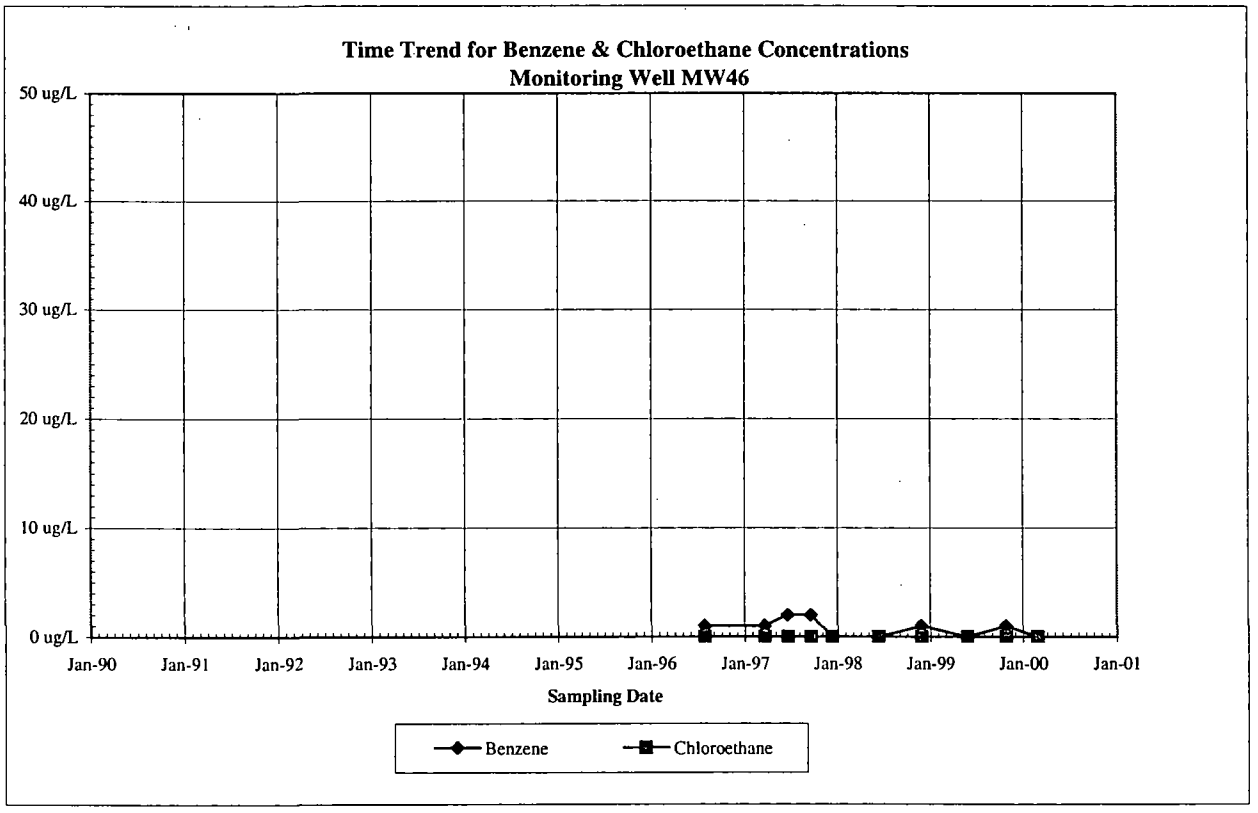
7/19/00

Baseline Groundwater Monitoring
ACS NPL Site

MW46

Date	Benzene	Chloroethane
Baseline	**10**	**10**
August-89		
May-90		
December-94		
August-96	1 ug/L	BDL
March-97	1 ug/L	BDL
June-97	2 ug/L	BDL
September-97	2 ug/L	BDL
December-97	BDL	BDL
June-98	BDL	BDL
December-98	1 ug/L	BDL
June-99	BDL	BDL
November-99	1 ug/L	BDL
March-00	BDL	BDL

BDL = Below the Detection Limit



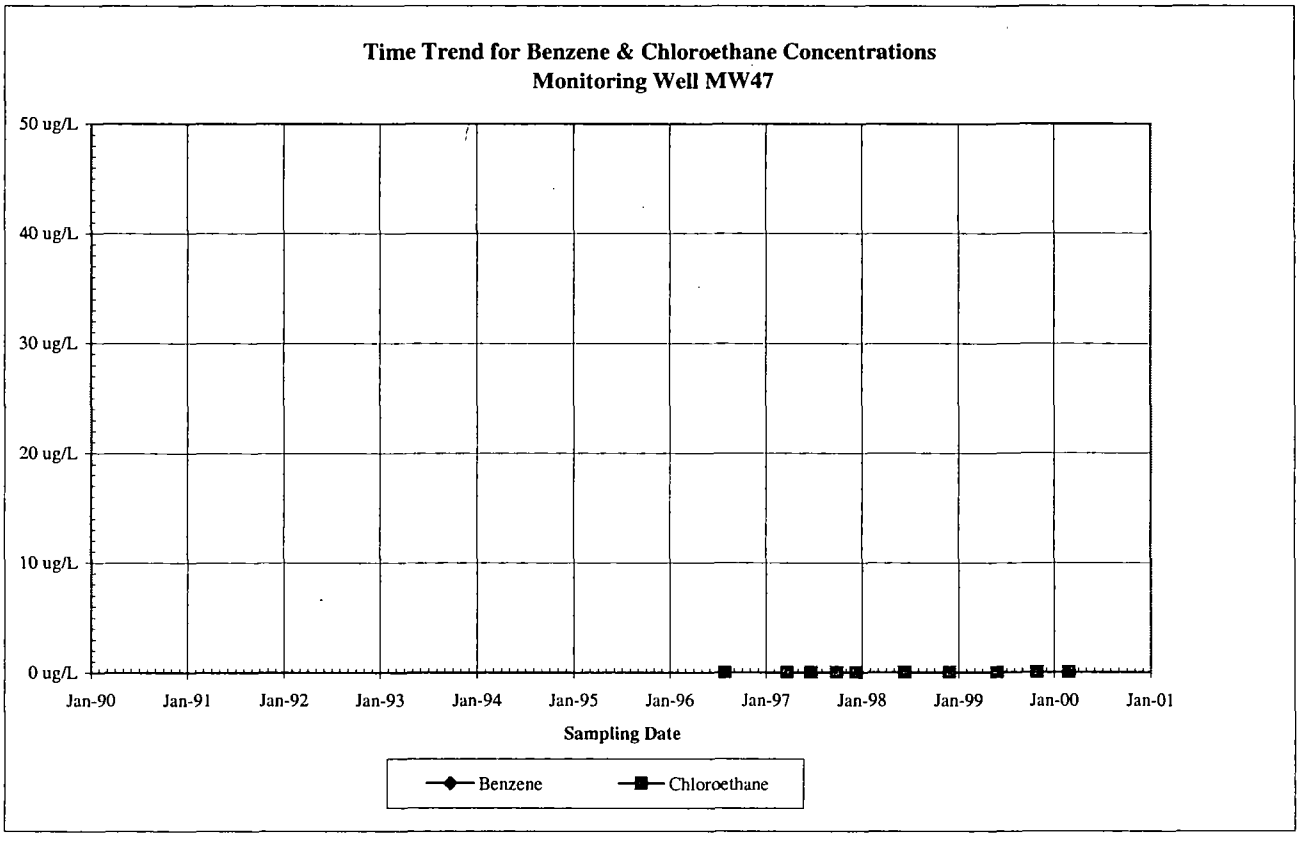
Upper Aquifer Monitoring Well: MW47

Baseline Groundwater Monitoring
ACS NPL Site

MW47

Date	Benzene	Chloroethane
BASELINE	**10**	**10**
August-89		
May-90		
December-94		
August-96	BDL	BDL
March-97	BDL	BDL
June-97	BDL	BDL
October-97	BDL	BDL
December-97	BDL	BDL
June-98	BDL	BDL
December-98	BDL	BDL
June-99	BDL	BDL
November-99	BDL	BDL
March-00	BDL	BDL

BDL = Below the Detection Limit

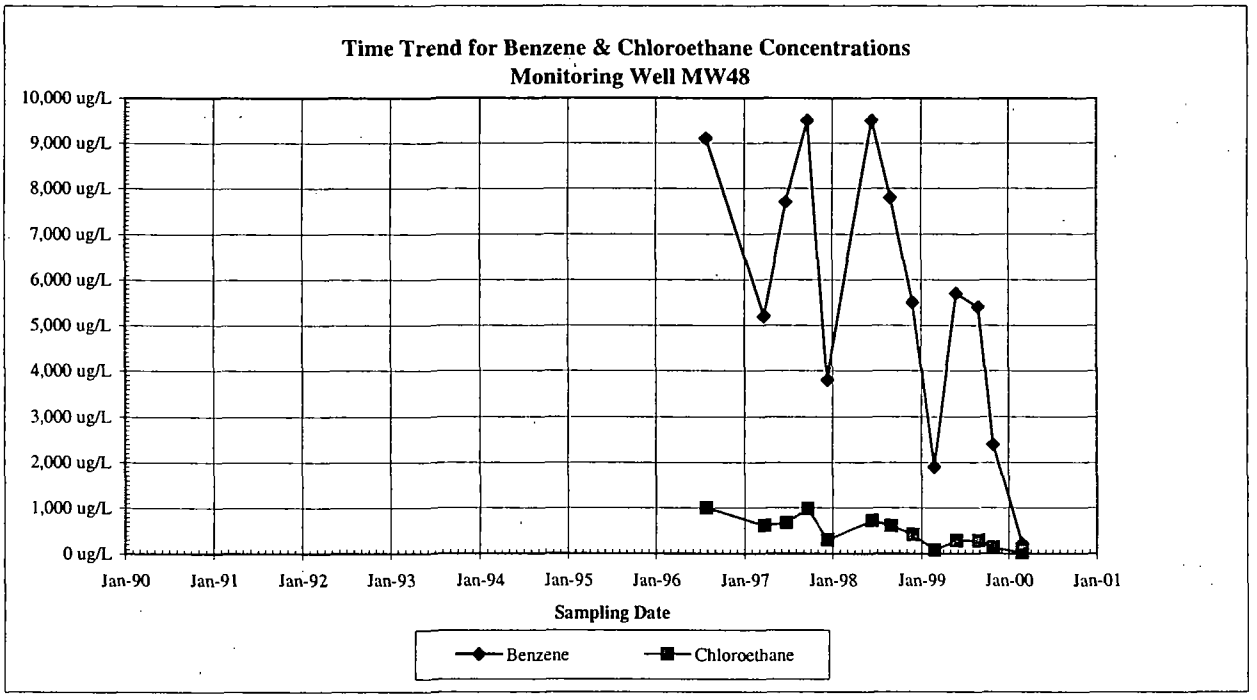


Upper Aquifer Monitoring Well: MW48

Baseline Groundwater Monitoring
ACS NPL Site

MW48

Date	Benzene	Chloroethane
Baseline	**9500**	**1000**
August-89		
May-90		
December-94		
August-96	9,100 ug/L	1,000 ug/L
March-97	5,200 ug/L	620 ug/L
June-97	7,700 ug/L	670 ug/L
September-97	9,500 ug/L	980 ug/L
December-97	3,800 ug/L	300 ug/L
June-98	9,500 ug/L	720 ug/L
September-98	7,800 ug/L	610 ug/L
December-98	5,500 ug/L	420 ug/L
March-99	1,900 ug/L	83 ug/L
June-99	5,700 ug/L	290 ug/L
September-99	5,400 ug/L	290 ug/L
November-99	2,400 ug/L	140 ug/L
March-00	220 ug/L	24 ug/L

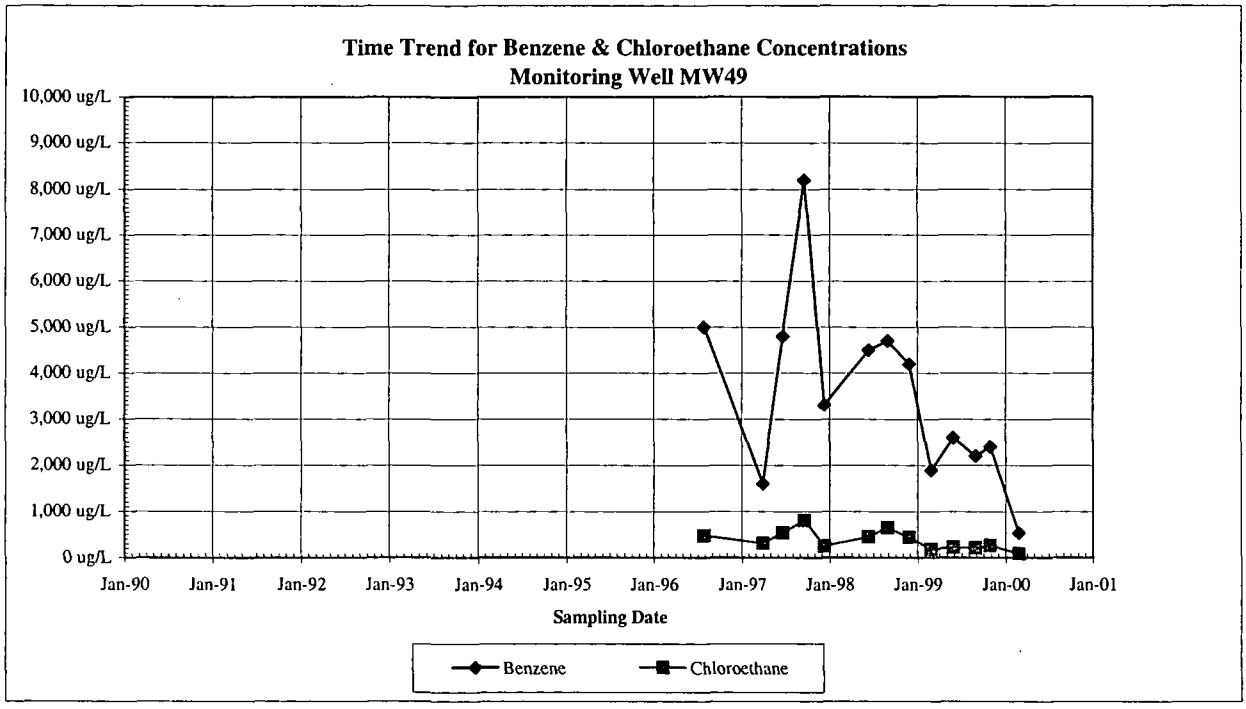


Baseline Groundwater Monitoring

ACS NPL Site

MW49

Date	Benzene	Chloroethane
Baseline	**6750**	**715**
August-89		
May-90		
December-94		
August-96	5,000 ug/L	480 ug/L
April-97	1,600 ug/L	310 ug/L
June-97	4,800 ug/L	540 ug/L
September-97	8,200 ug/L	810 ug/L
December-97	3,300 ug/L	250 ug/L
June-98	4,500 ug/L	450 ug/L
September-98	4,700 ug/L	650 ug/L
December-98	4,200 ug/L	440 ug/L
March-99	1,900 ug/L	180 ug/L
June-99	2,600 ug/L	220 ug/L
September-99	2,200 ug/L	210 ug/L
November-99	2,400 ug/L	260 ug/L
March-00	530 ug/L	91 ug/L



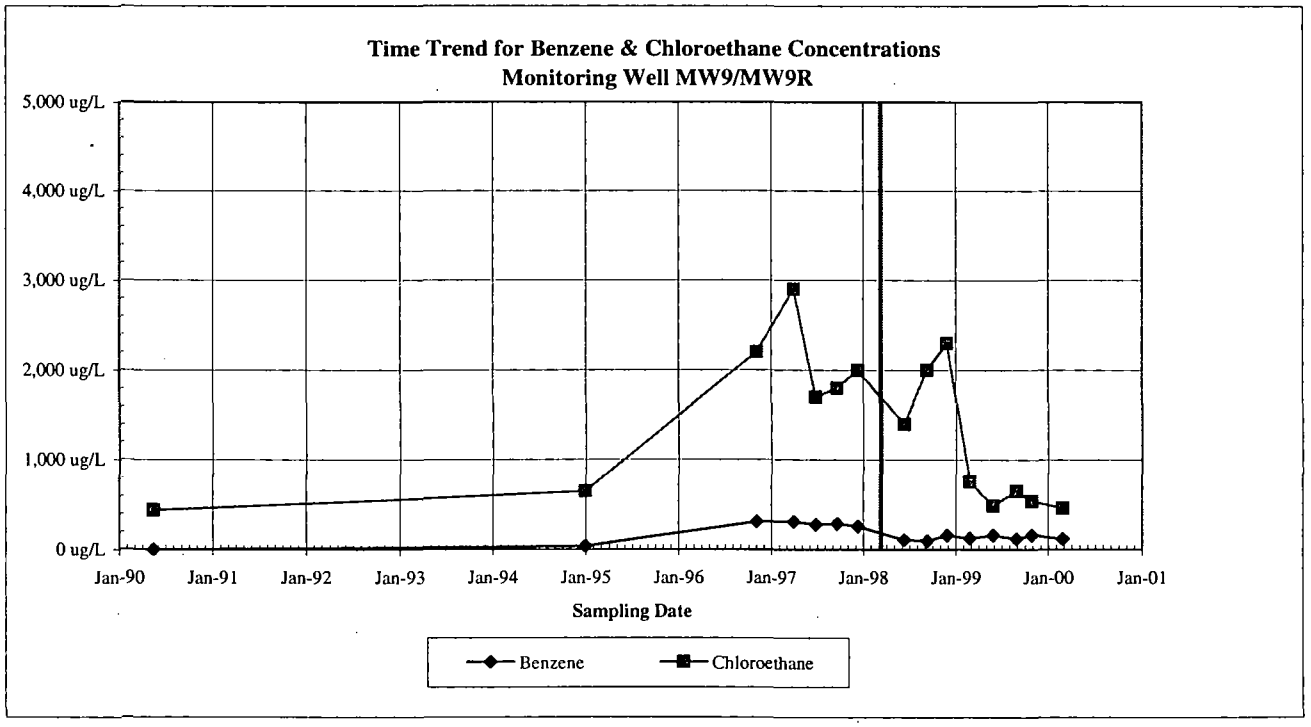
Lower Aquifer Monitoring Well: MW9/MW9R

Baseline Groundwater Monitoring
ACS NPL Site

MW9/MW9R

Date	Benzene	Chloroethane
BASELINE	**310**	**2900**
August-89		
May-90	BDL	440 ug/L
January-95	40 ug/L	650 ug/L
November-96	310 ug/L	2,200 ug/L
April-97	310 ug/L	2,900 ug/L
June-97	280 ug/L	1,700 ug/L
September-97	290 ug/L	1,800 ug/L
December-97	260 ug/L	2,000 ug/L
June-98	110 ug/L	1,400 ug/L
September-98	100 ug/L	2,000 ug/L
December-98	160 ug/L	2,300 ug/L
March-99	130 ug/L	760 ug/L
June-99	160 ug/L	490 ug/L
September-99	120 ug/L	650 ug/L
November-99	160 ug/L	540 ug/L
March-00	120 ug/L	460 ug/L

BDL = Below the Detection Limit



Line indicates change to replacement well

JMK/JMS/CAS
J:1252\042\Database
Timetrnd-LA.xls[MW9]

7/19/00

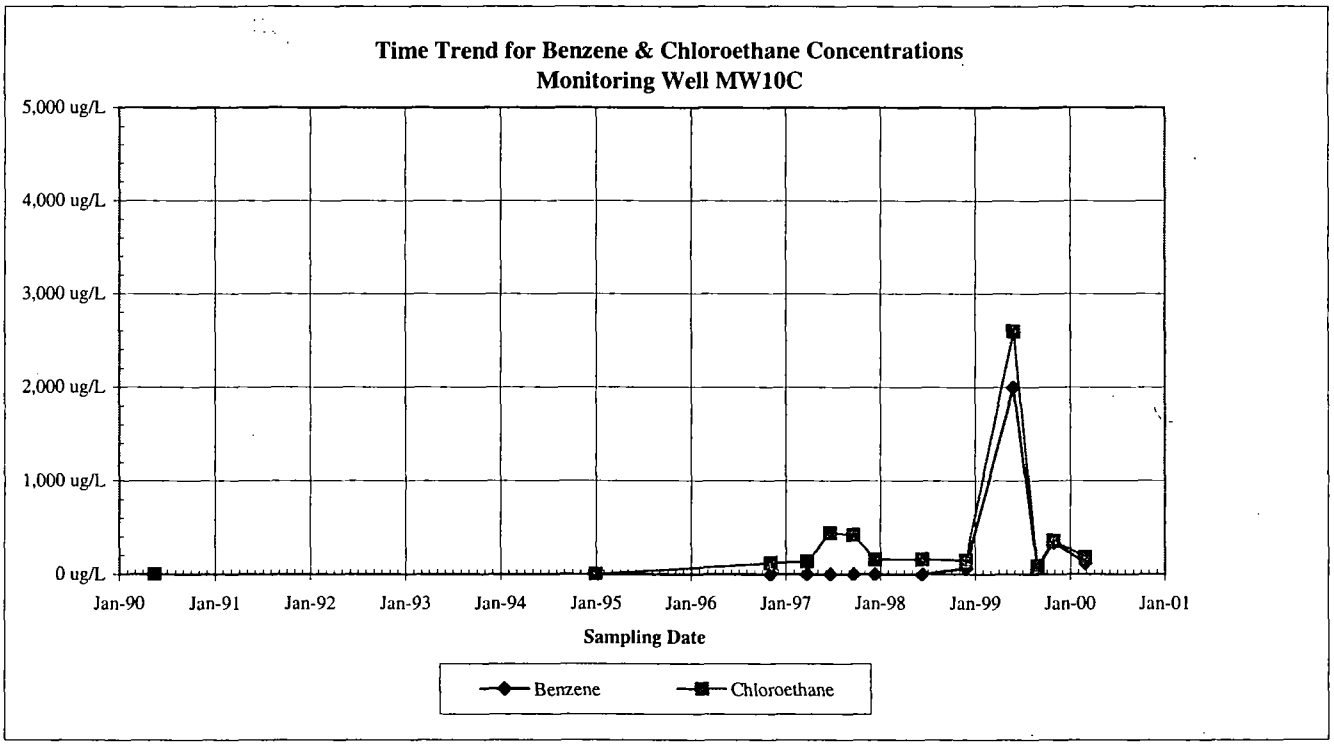
Lower Aquifer Monitoring Well: MW10C

Baseline Groundwater Monitoring
ACS NPL Site

MW10C

Date	Benzene	Chloroethane
BASELINE	**150**	**420**
August-89		
May-90	BDL	BDL
January-95	BDL	BDL
November-96	BDL	120 ug/L
March-97	BDL	140 ug/L
June-97	BDL	440 ug/L
September-97	BDL	420 ug/L
December-97	BDL	160 ug/L
June-98	BDL	160 ug/L
December-98	66 ug/L	150 ug/L
June-99	2,000 ug/L	2,600 ug/L
September-99	83 ug/L	88 ug/L
November-99	340 ug/L	360 ug/L
March-00	120 ug/L	180 ug/L

BDL = Below the Detection Limit



JMK/JMS/CAS
J:1252\042\Database
Timetrnd-LA.xls[MW10C]

7/19/00

APPENDIX C

VALIDATION NARRATIVE AND LABORATORY REPORTS FROM UPPER AQUIFER

MEMORANDUM

MONTGOMERY WATSON

To: Chad Smith

From: Kristin Norberg, MW **Job No.:** 1252042

Subject: Data Validation for American Chemical Service (ACS). Griffith, Indiana. **SDG:** R1201, S1201, T1201, U1201

Date: May 22, 2000

INTRODUCTION

The following text is based on the validation of water samples collected at American Chemical Service, Inc. in March and April of 2000.

Forty–three water samples and thirteen QA/QC samples (five trip blanks, five field blanks, and five field duplicates) were analyzed by CompuChem Laboratories, Cary, North Carolina for the following parameters:

- SDG R1201 VOA, CLP – OLM 4.2, (samples: ACSGWMW15-12, ACSGWMW47-12, ACSGWMW50-12, ACSGWMW39-12, ACSGWMW38-12, ACSGWMW43-12, ACSGWMW41-12, ACSGWMW28-12, ACSGWMW45-12, ACSGWMW06-12, ACSGWFB01-12, ACSGWMW44-12, ACSGWMW44-912, ACSGWMW42-12, TRIP BLANK, ACSGWMW29-12, ACSGWMW51-12, ACSGWFB04-12, ACSGWMW30-12, ACSGWMW33-12)

- SDG R1201 SVOA, CLP – OLM 4.2, (samples: ACSGWMW15-12, ACSGWMW47-12, ACSGWMW50-12, ACSGWMW39-12, ACSGWMW38-12, ACSGWMW43-12, ACSGWMW41-12, ACSGWMW28-12, ACSGWMW45-12, ACSGWMW06-12, ACSGWFB01-12, ACSGWMW44-12, ACSGWMW44-912, ACSGWMW42-12, ACSGWMW29-12, ACSGWMW51-12, ACSGWFB04-12, ACSGWMW30-12, ACSGWMW33-12)

- SDG R1201 Pesticides, CLP – OLM 4.2, (samples: ACSGWMW15-12, ACSGWMW47-12, ACSGWMW50-12, ACSGWMW39-12, ACSGWMW38-12, ACSGWMW43-12, ACSGWMW41-12, ACSGWMW28-12, ACSGWMW45-12, ACSGWMW06-12, ACSGWFB01-12, ACSGWMW44-12, ACSGWMW44-912, ACSGWMW42-12, ACSGWMW29-12, ACSGWMW51-12, ACSGWFB04-12, ACSGWMW30-12, ACSGWMW33-12)

- SDG R1201 Metals, CLP – ILM 4.0, (samples: ACSGWMW15-12, ACSGWMW47-12, ACSGWMW50-12, ACSGWMW3-912, ACSGWMW38-12, ACSGWMW43-12, ACSGWMW41-12, ACSGWMW28-12, ACSGWMW45-12, ACSGWMW06-12, ACSGWFB01-12, ACSGWMW44-12, ACSGWMW44-912, ACSGWMW42-12, ACSGWMW29-12, ACSGWMW51-12, ACSGWFB04-12, ACSGWMW30-12, ACSGWMW33-12)

- SDG S1201 VOA, CLP – OLM 4.2, (samples: ACSGWMW37-12, ACSGWMW48-12, ACSGWMW9R-12, ACSGWMW9R-912, ACSGWFB03-12, ACSGWMW08-12, ACSGWMW52-12, ACSGWMW53-12, ACSGWMW46-12, ACSGWMW23-12, ACSGWMW13-12, ACSGWMW24-12, ACSGWM4S-12, ACSGWMW14-12, ACSGWMW10C-12, ACSGWMW31-12, ACSGWMW32-12, ACSGWMW49-12, ACSGWTB02-12, ACSGWMW54R-12)

- SDG S1201 SVOA, CLP – OLM 4.2, (samples: ACSGWMW37-12, ACSGWMW48-12, ACSGWMW9R-12, ACSGWMW9R-912, ACSGWFB03-12, ACSGWMW08-12, ACSGWMW52-12, ACSGWMW53-12, ACSGWMW46-12, ACSGWMW23-12, ACSGWMW13-12, ACSGWMW24-12, ACSGWM4S-12, ACSGWMW14-12, ACSGWMW10C-12, ACSGWMW31-12, ACSGWMW32-12, ACSGWMW49-12, ACSGWMW54R-12)

- SDG S1201 Pesticides, CLP – OLM 4.2, (samples: ACSGWMW37-12, ACSGWMW48-12, ACSGWMW9R-12, ACSGWMW9R-912, ACSGWFB03-12, ACSGWMW08-12, ACSGWMW52-12, ACSGWMW53-12, ACSGWMW46-12, ACSGWMW23-12, ACSGWMW13-12, ACSGWMW24-12, ACSGWM4S-12, ACSGWMW14-12, ACSGWMW10C-12, ACSGWMW31-12, ACSGWMW32-12, ACSGWMW49-12, ACSGWMW54R-12)

- SDG S1201 Metals, CLP – ILM 4.0, (samples: ACSGWMW37-12, ACSGWMW48-12, ACSGWMW9R-12, ACSGWMW9R-912, ACSGWFB03-12, ACSGWMW08-12, ACSGWMW52-12, ACSGWMW53-12, ACSGWMW46-12, ACSGWMW23-12, ACSGWMW13-12, ACSGWMW24-12, ACSGWM4S-12, ACSGWMW14-12, ACSGWMW10C-12, ACSGWMW31-12, ACSGWMW32-12, ACSGWMW49-12, ACSGWMW54R-12)

- SDG T1201 VOA, CLP – OLM 4.2, (samples: ACSGWMW4D-12, ACSGWMW1S-12, ACSGWMW07-12, ACSGWMW07-912, ACSGWMW34-12, ACSGWFB02-12, ACSGWMW11-12, ACSGWMW12-12, ACSGWMW40-12)

- SDG T1201 Arsenic and Lead , CLP – ILM 4.0, , (samples: ACSGWMW4D-12, ACSGWMW1S-12, ACSGWMW07-12, ACSGWMW07-912, ACSGWMW34-12, ACSGWFB02-12, ACSGWMW11-12, ACSGWMW12-12, ACSGWMW40-12)

- SDG U1201 VOA, CLP – OLM 4.2, (samples: ACSGWMW55-12, ACSGWMW19-12, ACSGWMW199-12, ACSGWATMW4D-12, ACSGWATMW4D-912, FB0512, TB03-12)

- SDG U1201 SVOA, CLP – OLM 4.2, (samples: ACSGWMW5512, ACSGWMW19-12, ACSGWMW199-12, ACSGWATMW4D-12, ACSGWATMW4D-912, FB05-12)

- SDG U1201 Pesticides, CLP – OLM 4.2, (samples: ACSGWMW55-12, ACSGWMW19-12, ACSGWMW199-12, ACSGWATMW4D-12, ACSGWATMW4D-912, FB05-12)

- SDG U1201 Metals, CLP – ILM 4.0, (samples: ACSGWMW55-12, ACSGWMW19-12, ACSGWMW199-12, ACSGWATMW4D-12, ACSGWATMW4D-912, FB05-12)

Data validation was conducted in accordance with procedures specified in *Pre-Design Activities Quality Assurance Project Plan (MW, 1995), National Functional Guidelines for Organic Data Review (USEPA, 1994a), and National Functional Guidelines for Inorganic Data Review (USEPA, 1994b).*

The following field quality control samples were collected during the March 2000 sampling round:

- Five field blanks: ACSGWFB01-12, ACSGWFB04-12, ACSGWFB03-12, ACSGWFB02-12, FB05-12
- Five field duplicates: ACSGWMW44 -912, ACSGWMW9R-912, ACSGWMW07-912, ACSGWMW19-912, ACSGWATMW4D-912
- Three trip blanks: TRIP BLANK, ACSGWMWTB02-12, TB03-12

This memorandum contains a narrative summarizing the data quality objectives specified in the work plan, and provides a table of qualified data (Table 1-1)

SUMMARY

This section describes the quality control parameters reviewed during validation, summarizes the data quality objectives as a result of the validation and provides a summary of the deficiencies and qualification applied. The following paragraphs describe deficiencies that were identified which resulted in qualification of the sample results. Each analysis is separated into sections for clarity.

Volatile Organic Componds

Major Deficiencies: There were no major deficiencies identified during the validation process.

Minor Deficiencies: The following paragraphs describe the minor deficiencies that were identified during the validation process.

Field Blanks

- The SDG S1201 sample ACSGWFB0312 had an Acetone result of 10 ug/L. However, Acetone was not detected above the Contract Required Quantitation Limit (CRQL) in any samples in this SDG. No data were qualified for this reason.

Continuing Calibration

- Results in SDG R1201 for dichlorodifluromethane, bromomethane, chloroethane, and acetone were qualified an estimated "UJ" or "J" because CCV recoveries exceeded 25%D requirement.

- Results in SDG S1201 for acetone, dichlorodifluoromethane, chloromethane, vinyl chloride, methyl acetate, 2-butanone, and chloroethane were qualified an estimated "UJ" or "J" because CCV recoveries exceeded 25%D requirement.

- Results in SDG T1201 for chloroethane, vinyl chloride, and benzene were qualified an estimated "UJ" or "J" because CCV recoveries exceeded 25%D requirement.

- Results in SDG U1201 for acetone, carbon disulfide, dichlorodifluroethane, and chloroethane were qualified an estimated "UJ" or "J" because CCV recoveries exceeded 25%D requirement.

Field Duplicate Comparison

- No results were qualified based on field duplicate comparisons. The attached table lists comparisons and RPD values. RPD was outside of the control limit for acetone in SDG R1201, but no data were qualified because the sample result is below the detection limit.

Semi Volatile Organic Compounds

Major Deficiencies: There were no major deficiencies identified during the validation process.

Minor Deficiencies: The following paragraphs describe the minor deficiencies that were identified during the validation process.

Continuing Calibration

- Results in SDG R1201 for caprolactum, hexachlorocyclopentadiene, 2,4-dinitrophenol, 4,6-dintro-methylphenol, pentachlorophenol, pyrene, butylbenzylphthalate, bis(2-ethylhexyl)phthalate, nitrobenzene, and 4-niroaniline were qualified an estimated "J" or "UJ" because CCV recoveries exceeded 25%D requirement.

- Results in SDG S1201 for hexachlorocyclopentadiene, 4-nitroaniline, nitrobenzene, caprolactum, 2,4-dinitrophenol, n-niro-di-n-propylamine were qualified an estimated "UJ" or "J" because CCV recoveries exceeded 25%D requirement.

- Results in SDG U120 for 2,4-dinitrophenol were qualified an estimated "UJ" because the CCV recovery exceeded 25% requirement.

Matrix Spike/Matrix Spike Duplicate

- The MS and MSD in SDG S1201 were re-extracted for SVOCs outside of hold time. The internal standard area response failed low in the original MS. The problem was attributed to an extraction error, not due to matrix. Both sets of runs were looked at for validation and qualification. Analytes were outside laboratory control limits, but were within method limits and no data were qualified.

- The result for acenapththene was qualified "UJ" in sample ACSGWMW5512 (SDG U1201) due to MS and MSD recoveries outside QC limits.

Field Duplicate Comparison

- No results were qualified based on field duplicate comparisons. The attached table lists comparisons and RPD values. RPD was outside of the control limit for bis(2-chloroethyl)ether in SDG U1201, but no data were qualified because the sample result is below the detection limit.

Pesticides

Major Deficiencies: There were no major deficiencies identified during the validation process.

Minor Deficiencies: The following paragraphs describe the minor deficiencies that were identified during the validation process.

Matrix Spike/Matrix Spike Duplicate

- Non-detect results in sample ACSGWMW2912 (SDG R1201) for gamma-BHC, heptachlor, dieldrin, endrin, and 4,4'DDT were qualified "UJ" due to matrix spike (MS) and/or matrix spike duplicate (MSD) recoveries outside QC limits.

- Non-detect results in sample ACSGWMW54R12 (SDG S1201) for gamma-BHC, aldrin, and endrin were qualified "UJ" due to MS and/or MSD recoveries outside QC limits. The result for dieldrin was flagged "J" in sample ACSGWMW54R12 due to MS recoveries, however, the analyte concentration was below the CRQL.

- The results for gamma-BHC and dieldrin (SDG U1201) were qualified "UJ" in sample ACSGWATMW4D12 because MS recoveries were outside QC limits.

Field Duplicate Comparison

- No results were qualified based on field duplicate comparisons because the sample results are below detection limits. The attached table lists comparisons and RPD values.

Metals (including As and Pb)

Major Deficiencies: There were no major deficiencies identified during the validation process.

Minor Deficiencies: The following paragraph describes the minor deficiencies that were identified during the validation process.

Matrix Spike/Matrix Spike Duplicate

- Results for selenium in SDG U1201 were qualified "J" with a high bias because the sample spike recovery was above the QC limit.

Serial Dilutions

- Results for potassium in SDGs R1201, S1201, and U1201 were qualified estimated "J" because serial dilutions exceeded 10%D requirement. A 5-fold serial dilution is prepared for analytes with significantly high concentrations (>50 IDL). The analysis must agree within 10% of the original determination after correction for dilution.

DATA QUALITY OBJECTIVES

The following is a summary of the data quality objectives that were evaluated during the data validation process.

Reporting Limits: Reporting limits were met for all analyses with the following exception.

- For VOCs and SVOCs: Reporting limits were met with the exception of necessary dilutions. Both the original and diluted sample results were included.
- For Metals and Pesticides and Cyanide: Reporting limits were met without exception. No results were reported from dilutions.

Accuracy

Laboratory Control Sample: Validation of the LCS was performed for inorganic analyses. The LCS for the inorganic analyses were within control limits and analyzed at the correct frequency. An LCS was not required for the VOA analyses.

Surrogates: The surrogate results were within laboratory specified limits without exception.

Matrix Spike / Matrix Spike Duplicate: The MS/MSD results were within laboratory specified limits with the exceptions noted previously.

Precision

Field Duplicates: The field duplicate results are within control limits with the following exceptions.

- RPD for acetone in SDG R1201 was 40.00%, but no data were qualified because the result is below the detection limit.
- RPD for bis(s-chloroethyl)ether in SDG U1201 was 40.00%, but no data were qualified because the result is below the detection limit.

Laboratory Duplicate Sample: The laboratory duplicate results were within laboratory specified limits without exception.

The overall results were acceptable, indicating that sampling and analytical precision objectives were met for the sampling event.

Completeness

The data package was complete for the requested analyses. No results were considered unusable. The completeness was 100 percent, which meets the completeness objective of 95 percent.

Representativeness:

Trip blanks in SDGs R1201, S1201, and U1201 had no target analytes detected above the reporting limit, indicating that the representativeness objectives for the sampling event were met.

Field Blanks ACSGWFB0112, ACSGWFB0412, ACSGWFB0312, ACSGWFB0212, and FB0512 had no target analytes detected above the reporting limit, for all analyses, with the exception noted previously, indicating that the representativeness objectives for the sampling event were met.

Comparability:

All data were reported in similar units to facilitate comparison of results within the data packages. Samples arrived at the laboratory at 4°C, which is within the limits of 2-6°C. All holding times were met, with the exception noted previously, indicating that the comparability objectives for the sampling event were met.

As a result of this evaluation, all data within this SDG for wells at American Chemical Service are of known and acceptable quality in relation to the DQOs of this project. Data are considered usable as qualified for the intended purposes. Table 1-1 summarizes the validation and laboratory qualifications for this sampling event.

REFERENCES

Pre-Design Activities Quality Assurance Project Plan, American Chemical Service, Inc. NPL Site, Griffith Indiana (MW, 1995).

National Functional Guidelines for Organic Data Review (USEPA, 1994a).

National Functional Guidelines for Inorganic Data Review (USEPA, 1994b).

ATTACHMENT A

ACS-NPL March 2000
Field Duplicate Comparisons
SDG R1201, S1201, T1201, U1201

Parameter	Sample Result	Duplicate Result	RPD	Comments
SDG R1201	**ACSGWMW44-12**	**ACSGWMW44-912**		
Acetone	8 J	12	40.00%	Sample below reporting limit, no data qualified
Bis(2-chloroethyl)ether	ND	ND	0.00%	
Endrin	ND	ND	0.00%	
Manganese	65.1	66.7	2.43%	
SDG S1201	**ACSGWMW9R-12**	**ACSGWMW9R-912**		
Chloroethane	460	510	10.31%	
Bis(2-chloroethyl)ether	15	17	12.50%	
Endrin	ND	ND	0.00%	
Barium	305	317	3.86%	
SDG T1201	**ACSGWMW07-12**	**ACSGWMW07-912**		
Chloroethane	ND	ND	0.00%	
Arsenic	ND	ND	0.00%	
Lead	ND	ND	0.00%	
SDG U1201	**ACSGWMW19-12**	**ACSGWMW19-912**		
Chloroethane	24	23	4.26%	
Bis(2-chloroethyl)ether	20	17	16.22	
Endrin	ND	ND	0.00%	
Arsenic	19.2	20.4	3.03%	
	ACSGWATMW4D-12	**ACSGWATMW4D-912**		
Chloroethane	34	32	6.06%	
Bis(2-chloroethyl)ether	15	ND (<10)	40.00%	RPD based on 10ppb duplicate, no data qualified
Endrin	ND	ND	0.00%	
Manganese	179	184	2.75%	

PJD
CHI1 Server J:/1252/042/March2000/Field Dupes.xls

ACS SDG 107, 122, and 130
Field Duplicate Comparisons

SDG 130	MW49-11	MW49-911	RPD	
	ug/L	ug/L		
Arsenic	14.1	13.5	4.35%	
Chloroethane (Duplicate is J flagged)	260	240	8.00%	
Benzene	2400	2200	8.70%	
trans-1,2-Dichloroethene (J flagged)	2	2	0.00%	
SDG 122	**MW09R-11**	**MW09R-911**		
Arsenic	ND	ND	NA	
Lead	ND	ND	NA	
Chloroethane	540	540	0.00%	
Benzene	150	140	6.90%	
	MW19-11	**MW19-911**		
Arsenic	29.3	26	11.93%	
Lead	ND	ND	NA	
Chloroethane	20	20	0.00%	
Benzene(J flagged)	3	4	28.57%	below reporting limit, did not qualify.
SDG 107	**MW45-11**	**MW45-911**		
Arsenic	46.6	47.7	2.33%	
Chloroethane	32	52	47.62%	qualified as estimated "J" with low bias.
Benzene	340	360	5.71%	
trans-1,2-Dichloroethene	2	2	0.00%	
	MW54R-11	**MW54R-911**		
Arsenic	ND	ND	NA	
Lead	ND	1.6J	NA	
Benzene(J flagged)	1	2	66.67%	below reporting limit, did not qualify.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1S12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-3

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-3RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
71-55-6	1,1,1-Trichloroethane	10	U
71-43-2	Benzene	2	J
79-01-6	Trichloroethene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW1S12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-3

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-3RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 75-45-6	METHANE, CHLORODIFLUORO-	3.63	17	NJ
2. 593-70-4	METHANE, CHLOROFLUORO-	4.38	5	NJ
3. 60-29-7	ETHER	7.01	17	NJ
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
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27.				
28.				
29.				
30.				

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW15512

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: T1201_

Matrix (soil/water): WATER Lab Sample ID: T1201-3

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.7	B		P
7439-92-1	Lead	1.0	U		P

Color Before: YELLOW Clarity Before: CLEAR Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWM4S12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-13

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-13A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	1500	E
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	6	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	5	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	2	J
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	96	
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWM4S12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-13

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-13A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWM4S12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-13

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-13A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 60-29-7	ETHER	7.00	30	NJ
2. 109-87-5	METHANE, DIMETHOXY-	7.66	22	NJ
3.	UNKNOWN	8.76	23	J
4. 108-20-3	DIISOPROPYL ETHER	10.00	22	NJ
5. 646-06-0	1,3-DIOXOLANE	11.08	5	NJ
6. 109-99-9	FURAN, TETRAHYDRO-	11.43	170	NJ
7. 111-43-3	DI-N-PROPYL ETHER	12.72	21	NJ
8. 123-91-1	1,4-DIOXANE	14.09	10	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWM4S12DL

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-13

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-13DA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 20.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl Chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	1500	D
75-69-4	Trichlorofluoromethane	200	U
75-35-4	1,1-Dichloroethene	200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	200	U
67-64-1	Acetone	200	U
75-15-0	Carbon Disulfide	200	U
79-20-9	Methyl Acetate	200	U
75-09-2	Methylene Chloride	200	U
156-60-5	trans-1,2-Dichloroethene	200	U
1634-04-4	Methyl tert-Butyl Ether	200	U
75-34-3	1,1-Dichloroethane	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
78-93-3	2-Butanone	200	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	200	U
110-82-7	Cyclohexane	200	U
56-23-5	Carbon Tetrachloride	200	U
71-43-2	Benzene	96	DJ
107-06-2	1,2-Dichloroethane	200	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWM4S12DI

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-13

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-13DA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 20.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	200	U
108-87-2	Methylcyclohexane	200	U
78-87-5	1,2-Dichloropropane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-10-1	4-Methyl-2-Pentanone	200	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
127-18-4	Tetrachloroethene	200	U
591-78-6	2-Hexanone	200	U
124-48-1	Dibromochloromethane	200	U
106-93-4	1,2-Dibromoethane	200	U
108-90-7	Chlorobenzene	200	U
100-41-4	Ethylbenzene	200	U
1330-20-7	Xylene (Total)	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	200	U
98-82-8	Isopropylbenzene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-Chloropropane	200	U
120-82-1	1,2,4-Trichlorobenzene	200	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWM4S12DL

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-13

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-13DA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 20.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 109-99-9	FURAN, TETRAHYDRO-	11.41	230	NJD
2.				
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWM4S12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-13

Sample wt/vol: 1125 (g/mL) ML Lab File ID: GS120113A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	74	E
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWM4S12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-13

Sample wt/vol: 1125 (g/mL) ML Lab File ID: GS120113A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	1	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWM4S12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-13

Sample wt/vol: 1125 (g/mL) ML Lab File ID: GS120113A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.51	16	J
2.	UNKNOWN	4.77	28	J
3.	UNKNOWN	4.89	16	J
4.	UNKNOWN	5.07	45	J
5.	UNKNOWN	5.71	57	J
6.	UNKNOWN	5.78	39	J
7.	UNKNOWN	5.90	16	J
8.	UNKNOWN	6.19	26	J
9.	UNKNOWN	7.03	24	J
10.	UNKNOWN	7.93	240	J
11.	UNKNOWN	8.13	260	J
12.	UNKNOWN	8.20	160	J
13.	UNKNOWN	8.33	12	J
14.	UNKNOWN	8.94	13	J
15.	UNKNOWN	9.11	13	J
16.	UNKNOWN	9.77	22	J
17.	UNKNOWN	9.82	19	J
18.	UNKNOWN	10.18	15	J
19.	UNKNOWN	10.26	17	J
20.	UNKNOWN	10.31	14	J
21. 85-44-9	PHTHALIC ANHYDRIDE	10.43	28	NJ
22.	UNKNOWN	10.51	14	J
23.	UNKNOWN	11.00	15	J
24.	UNKNOWN	11.17	24	J
25.	UNKNOWN	11.49	44	J
26.	UNKNOWN	11.83	17	J
27.	UNKNOWN	12.07	27	J
28.	UNKNOWN	12.76	26	J
29.	UNKNOWN	12.95	41	J
30. 309-43-3	SECOBARBITAL SODIUM	16.45	32	NJ

FORM I SV-TIC OLM04.2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWM4S12DL

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-13

Sample wt/vol: 1125 (g/mL) ML Lab File ID: S120113JA70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/09/00

Injection Volume: 2.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	18	U
108-95-2	Phenol	18	U
111-44-4	bis(2-Chloroethyl)ether	54	D
95-57-8	2-Chlorophenol	18	U
95-48-7	2-Methylphenol	18	U
108-60-1	2,2'-oxybis(1-Chloropropane)	18	U
98-86-2	Acetophenone	18	U
106-44-5	4-Methylphenol	18	U
621-64-7	N-Nitroso-di-n-propylamine	18	U
67-72-1	Hexachloroethane	18	U
98-95-3	Nitrobenzene	18	U
78-59-1	Isophorone	18	U
88-75-5	2-Nitrophenol	18	U
105-67-9	2,4-Dimethylphenol	18	U
111-91-1	bis(2-Chloroethoxy)methane	18	U
120-83-2	2,4-Dichlorophenol	18	U
91-20-3	Naphthalene	18	U
106-47-8	4-Chloroaniline	18	U
87-68-3	Hexachlorobutadiene	18	U
105-60-2	Caprolactam	18	U
59-50-7	4-Chloro-3-methylphenol	18	U
91-57-6	2-Methylnaphthalene	18	U
77-47-4	Hexachlorocyclopentadiene	18	U
88-06-2	2,4,6-Trichlorophenol	18	U
95-95-4	2,4,5-Trichlorophenol	44	U
92-52-4	1,1'-Biphenyl	18	U
91-58-7	2-Chloronaphthalene	18	U
88-74-4	2-Nitroaniline	44	U
131-11-3	Dimethylphthalate	18	U
606-20-2	2,6-Dinitrotoluene	18	U
208-96-8	Acenaphthylene	18	U
99-09-2	3-Nitroaniline	44	U
83-32-9	Acenaphthene	18	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWM4S12DL

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-13

Sample wt/vol: 1125 (g/mL) ML Lab File ID: S120113JA70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/09/00

Injection Volume: 2.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	44	U
100-02-7	4-Nitrophenol	44	U
132-64-9	Dibenzofuran	18	U
121-14-2	2,4-Dinitrotoluene	18	U
84-66-2	Diethylphthalate	18	U
86-73-7	Fluorene	18	U
7005-72-3	4-Chlorophenyl-phenylether	18	U
100-01-6	4-Nitroaniline	44	U
534-52-1	4,6-Dinitro-2-methylphenol	44	U
86-30-6	N-nitrosodiphenylamine (1)	18	U
101-55-3	4-Bromophenyl-phenylether	18	U
118-74-1	Hexachlorobenzene	18	U
1912-24-9	Atrazine	18	U
87-86-5	Pentachlorophenol	44	U
85-01-8	Phenanthrene	18	U
120-12-7	Anthracene	18	U
86-74-8	Carbazole	18	U
84-74-2	Di-n-butylphthalate	18	U
206-44-0	Fluoranthene	18	U
129-00-0	Pyrene	18	U
85-68-7	Butylbenzylphthalate	18	U
91-94-1	3,3'-Dichlorobenzidine	18	U
56-55-3	Benzo(a)anthracene	18	U
218-01-9	Chrysene	18	U
117-81-7	bis(2-Ethylhexyl)phthalate	18	U
117-84-0	Di-n-octylphthalate	18	U
205-99-2	Benzo(b)fluoranthene	18	U
207-08-9	Benzo(k)fluoranthene	18	U
50-32-8	Benzo(a)pyrene	18	U
193-39-5	Indeno(1,2,3-cd)pyrene	18	U
53-70-3	Dibenzo(a,h)anthracene	18	U
191-24-2	Benzo(g,h,i)perylene	18	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWM4S12DL

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-13

Sample wt/vol: 1125 (g/mL) ML Lab File ID: S120113JA70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/09/00

Injection Volume: 2.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.44	31	JD
2.	UNKNOWN	4.56	19	JD
3.	UNKNOWN	5.61	25	JD
4.	UNKNOWN	5.78	9	JD
5. 873-94-9	CYCLOHEXANONE, 3,3,5-TRIMETH	6.06	12	NJD
6.	UNKNOWN	6.93	11	JD
7.	UNKNOWN	7.42	54	JD
8.	UNKNOWN	7.74	560	JD
9.	UNKNOWN	7.97	9	JD
10.	UNKNOWN	8.77	9	JD
11.	UNKNOWN	8.85	11	JD
12.	UNKNOWN	8.90	18	JD
13.	UNKNOWN	8.95	14	JD
14.	UNKNOWN	9.01	7	JD
15.	UNKNOWN	9.50	9	JD
16.	UNKNOWN	9.56	15	JD
17.	UNKNOWN	10.24	12	JD
18. 85-44-9	PHTHALIC ANHYDRIDE	10.31	19	NJD
19.	UNKNOWN	10.86	8	JD
20.	UNKNOWN	11.30	26	JD
21. 499-06-9	BENZOIC ACID, 3,5-DIMETHYL-	11.56	9	NJD
22.	UNKNOWN	11.84	28	JD
23.	UNKNOWN	12.52	110	JD
24. 98-73-7	BENZOIC ACID, P-TERT-BUTYL-	12.72	18	NJD
25.	UNKNOWN	12.82	17	JD
26. 76-73-3	SECOBARBITAL	16.27	19	NJD
27.	UNKNOWN	17.57	9	JD
28.	UNKNOWN CARBOXYLIC ACID	17.76	11	JD
29. 2091-29-4	9-HEXADECENOIC ACID	19.41	610	NJD
30.	UNKNOWN	30.67	12	JD

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWM4S12

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-13

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.015	JB
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.0019	JP
33213-65-9	Endosulfan II	0.033	JP
72-54-8	4,4'-DDD	0.036	JP
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.0061	JP
53494-70-5	Endrin ketone	0.0065	JB
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWM4S12

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-13

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	63.4	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	3.6	B		P
7440-39-3	Barium	587			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.30	B		P
7440-70-2	Calcium	360000			P
7440-47-3	Chromium	1.0	B		P
7440-48-4	Cobalt	5.5	B		P
7440-50-8	Copper	0.88	B		P
7439-89-6	Iron	36700			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	38500			P
7439-96-5	Manganese	349			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	9.0	B		P
7440-09-7	Potassium	15400		E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	98000			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	2.7	B		P
7440-66-6	Zinc	5.7	B		P
	Cyanide	1.5	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW0612

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-10

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-10A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	490	E
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	14	
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	2	J
156-60-5	trans-1,2-Dichloroethene	1	J
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	1800	E
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW0612

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-10

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-10A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	2	J
108-88-3	Toluene	1	J
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	5	J
100-41-4	Ethylbenzene	7	J
1330-20-7	Xylene (Total)	320	
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	1	J
96-12-8	1,2-Dibromo-3-Chloropropane	2	J
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW0612

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-10

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-10A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 115-07-1	PROPENE	3.52	24	NJ
2. 593-70-4	METHANE, CHLOROFLUORO-	4.39	16	NJ
3. 503-17-3	2-BUTYNE	6.65	52	NJ
4. 60-29-7	ETHER	7.04	110	NJ
5. 109-87-5	METHANE, DIMETHOXY-	7.68	16	NJ
6.	UNKNOWN SILOXANE	8.80	11	J
7. 108-20-3	DIISOPROPYL ETHER	10.02	10	[illegible]
8. 1066-40-6	SILANOL, TRIMETHYL-	10.75	8	[illegible]
9. 109-99-9	FURAN, TETRAHYDRO-	11.44	64	NJ
10. 111-43-3	DI-N-PROPYL ETHER	12.75	19	NJ
11. 352-93-2	DIETHYL SULFIDE	13.55	11	NJ
12.	UNKNOWN	15.73	5	J
13. 142-96-1	N-BUTYL ETHER	18.24	6	NJ
14. 541-85-5	3-HEPTANONE, 5-METHYL-	20.54	28	NJ
15. 19549-80-5	2-HEPTANONE, 4,6-DIMETHYL-	21.74	8	NJ
16. 54518-04-6	METHANOL, DIBUTOXY-	22.54	11	NJ
17. 496-11-7	INDANE	22.85	15	NJ
18. 873-94-9	CYCLOHEXANONE, 3,3,5-TRIMETH	23.53	500	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW0612DL

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-10

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-10D2A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 16.7

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	170	U
74-87-3	Chloromethane	170	U
75-01-4	Vinyl Chloride	170	U
74-83-9	Bromomethane	170	U
75-00-3	Chloroethane	420	D
75-69-4	Trichlorofluoromethane	170	U
75-35-4	1,1-Dichloroethene	170	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	170	U
67-64-1	Acetone	170	U
75-15-0	Carbon Disulfide	170	U
79-20-9	Methyl Acetate	170	U
75-09-2	Methylene Chloride	170	U
156-60-5	trans-1,2-Dichloroethene	170	U
1634-04-4	Methyl tert-Butyl Ether	170	U
75-34-3	1,1-Dichloroethane	170	U
156-59-2	cis-1,2-Dichloroethene	170	U
78-93-3	2-Butanone	170	U
67-66-3	Chloroform	170	U
71-55-6	1,1,1-Trichloroethane	170	U
110-82-7	Cyclohexane	170	U
56-23-5	Carbon Tetrachloride	170	U
71-43-2	Benzene	2100	D
107-06-2	1,2-Dichloroethane	170	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW0612DL

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-10

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-10D2A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 16.7

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	170	U
108-87-2	Methylcyclohexane	170	U
78-87-5	1,2-Dichloropropane	170	U
75-27-4	Bromodichloromethane	170	U
10061-01-5	cis-1,3-Dichloropropene	170	U
108-10-1	4-Methyl-2-Pentanone	170	U
108-88-3	Toluene	170	U
10061-02-6	trans-1,3-Dichloropropene	170	U
79-00-5	1,1,2-Trichloroethane	170	U
127-18-4	Tetrachloroethene	170	U
591-78-6	2-Hexanone	170	U
124-48-1	Dibromochloromethane	170	U
106-93-4	1,2-Dibromoethane	170	U
108-90-7	Chlorobenzene	170	U
100-41-4	Ethylbenzene	170	U
1330-20-7	Xylene (Total)	270	D
100-42-5	Styrene	170	U
75-25-2	Bromoform	170	U
98-82-8	Isopropylbenzene	170	U
79-34-5	1,1,2,2-Tetrachloroethane	170	U
541-73-1	1,3-Dichlorobenzene	170	U
106-46-7	1,4-Dichlorobenzene	170	U
95-50-1	1,2-Dichlorobenzene	170	U
96-12-8	1,2-Dibromo-3-Chloropropane	170	U
120-82-1	1,2,4-Trichlorobenzene	170	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW0612DL

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-10

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-10D2A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 16.7

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 60-29-7	ETHER	7.04	110	NJD
2. 873-94-9	CYCLOHEXANONE, 3,3,5-TRIMETH	23.54	1100	NJD
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW0612

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-10

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120110A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/02/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	0.9	J
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	69	
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	5	J
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	28	
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW0612

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-10

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120110A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/02/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	11	
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW0612

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-10

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120110A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/02/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 106-68-3	3-OCTANONE	4.58	33	NJ
2.	UNKNOWN	4.90	11	J
3. 873-94-9	CYCLOHEXANONE, 3,3,5-TRIMETH	6.44	11000	NJ
4.	UNKNOWN	6.70	16	J
5.	UNKNOWN	7.15	41	J
6.	UNKNOWN	7.86	27	J
7.	UNKNOWN	10.23	12	J
8.	UNKNOWN	10.35	24	J
9.	UNKNOWN	10.58	11	J
10.	UNKNOWN	11.85	170	J
11.	UNKNOWN	12.17	1500	J
12.	UNKNOWN	12.24	34	J
13.	UNKNOWN	12.34	12	J
14.	UNKNOWN	12.47	11	J
15.	UNKNOWN	12.86	41	J
16.	UNKNOWN	13.10	33	J
17. 98-73-7	BENZOIC ACID, P-TERT-BUTYL-	13.18	31	NJ
18. 101-10-0	PROPANOIC ACID, 2-(3-CHLOROP	14.27	77	NJ
19.	UNKNOWN	14.84	38	J
20. 5825-87-6	PROPANAMIDE, 2-(3-CHLOROPHEN	14.89	16	NJ
21.	UNKNOWN	16.07	36	J
22.	UNKNOWN	16.53	73	J
23. 309-43-3	SECOBARBITAL SODIUM	16.60	310	NJ
24.	UNKNOWN	17.21	21	J
25. 50-06-6	PHENOBARBITAL	18.42	65	NJ
26.	UNKNOWN	19.03	15	J
27.	UNKNOWN	19.84	110	J
28. 80-05-7	PHENOL, 4,4'-(1-METHYLETHYLI	20.03	15	NJ
29.	UNKNOWN	20.53	110	J
30.	UNKNOWN	21.53	72	J

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW0612

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-10

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/29/00

Extraction: (Type) SEPF Date Extracted: 03/29/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.0046	JP
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.0044	JP
76-44-8	Heptachlor	0.014	JP
309-00-2	Aldrin	0.0032	JP
1024-57-3	Heptachlor epoxide	0.014	JP
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.0056	JP
72-20-8	Endrin	0.011	JP
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.017	JP
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.0059	JP
5103-74-2	gamma-Chlordane	0.0088	JBP
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW0612DL

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-10

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/29/00

Extraction: (Type) SEPF Date Extracted: 03/29/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/06/00

Injection Volume: 1.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.91	U
319-85-7	beta-BHC	0.91	U
319-86-8	delta-BHC	0.91	U
58-89-9	gamma-BHC (Lindane)	0.91	U
76-44-8	Heptachlor	0.91	U
309-00-2	Aldrin	0.91	U
1024-57-3	Heptachlor epoxide	0.91	U
959-98-8	Endosulfan I	0.91	U
60-57-1	Dieldrin	1.8	U
72-55-9	4,4'-DDE	1.8	U
72-20-8	Endrin	1.8	U
33213-65-9	Endosulfan II	1.8	U
72-54-8	4,4'-DDD	1.8	U
1031-07-8	Endosulfan sulfate	1.8	U
50-29-3	4,4'-DDT	1.8	U
72-43-5	Methoxychlor	9.1	U
53494-70-5	Endrin ketone	1.8	U
7421-93-4	Endrin aldehyde	1.8	U
5103-71-9	alpha-Chlordane	0.91	U
5103-74-2	gamma-Chlordane	0.91	U
8001-35-2	Toxaphene	91	U
12674-11-2	Aroclor-1016	18	U
11104-28-2	Aroclor-1221	36	U
11141-16-5	Aroclor-1232	18	U
53469-21-9	Aroclor-1242	18	U
12672-29-6	Aroclor-1248	18	U
11097-69-1	Aroclor-1254	18	U
11096-82-5	Aroclor-1260	18	U

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW0612

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-10

Level (low/med): LOW Date Received: 03/29/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	62.4	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	99.6			P
7440-39-3	Barium	243			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	185000			P
7440-47-3	Chromium	8.9	B		P
7440-48-4	Cobalt	1.2	B		P
7440-50-8	Copper	2.2	B		P
7439-89-6	Iron	25700			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	44600			P
7439-96-5	Manganese	856			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	40.2			P
7440-09-7	Potassium	16100		E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	90100			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	1.7	B		P
7440-66-6	Zinc	3.0	B		P
	Cyanide	13.2			CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-8

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-8A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
71-55-6	1,1,1-Trichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW111

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-8

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-8A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 873-94-9	CYCLOHEXANONE, 3,3,5-TRIMETH	23.52	43	NJ
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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW1112

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: T1201_

Matrix (soil/water): WATER Lab Sample ID: T1201-8

Level (low/med): LOW__ Date Received: 03/29/00

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L____

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic__	2.8	B		P_
7439-92-1	Lead_____	3.6			P_

Color Before: YELLOW___ Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW121

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-9

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-9A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
71-55-6	1,1,1-Trichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW1212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-9

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-9A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW1212

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: T1201_

Matrix (soil/water): WATER Lab Sample ID: T1201-9

Level (low/med): LOW Date Received: 03/29/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.8	B		P
7439-92-1	Lead	1.5	B		P

Color Before: YELLOW Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-11

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-11A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-11

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-11A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW1312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-11

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-11A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 60-29-7	ETHER	7.00	15	NJ
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-11

Sample wt/vol: 1125 (g/mL) ML Lab File ID: GS120111A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-11

Sample wt/vol: 1125 (g/mL) ML Lab File ID: GS120111A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW1312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-11

Sample wt/vol: 1125 (g/mL) ML Lab File ID: GS120111A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	TRICHLOROPROPENE	4.51	3	J
2.	UNKNOWN	13.79	3	J
3. 301-02-0	9-OCTADECENAMIDE, (Z)-	21.75	6	NJ
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1312

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-11

Sample wt/vol: 1125 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.044	U
319-85-7	beta-BHC	0.044	U
319-86-8	delta-BHC	0.044	U
58-89-9	gamma-BHC (Lindane)	0.044	U
76-44-8	Heptachlor	0.044	U
309-00-2	Aldrin	0.044	U
1024-57-3	Heptachlor epoxide	0.0094	JBP
959-98-8	Endosulfan I	0.044	U
60-57-1	Dieldrin	0.089	U
72-55-9	4,4'-DDE	0.00094	JBP
72-20-8	Endrin	0.00084	JP
33213-65-9	Endosulfan II	0.089	U
72-54-8	4,4'-DDD	0.089	U
1031-07-8	Endosulfan sulfate	0.089	U
50-29-3	4,4'-DDT	0.089	U
72-43-5	Methoxychlor	0.44	U
53494-70-5	Endrin ketone	0.089	U
7421-93-4	Endrin aldehyde	0.089	U
5103-71-9	alpha-Chlordane	0.044	U
5103-74-2	gamma-Chlordane	0.044	U
8001-35-2	Toxaphene	4.4	U
12674-11-2	Aroclor-1016	0.89	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.89	U
53469-21-9	Aroclor-1242	0.89	U
12672-29-6	Aroclor-1248	0.89	U
11097-69-1	Aroclor-1254	0.89	U
11096-82-5	Aroclor-1260	0.89	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW1312

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-11

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39.3	U		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	81.1	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	182000			P
7440-47-3	Chromium	1.2	B		P
7440-48-4	Cobalt	0.40	U		P
7440-50-8	Copper	0.60	U		P
7439-89-6	Iron	7380			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	52700			P
7439-96-5	Manganese	827			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	0.73	B		P
7440-09-7	Potassium	1870	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	29600			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	2.4	B		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-14

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-14RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	2	J
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	26	
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	1	J
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	2	J
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-14

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-14RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW1412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-14

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-14RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S120114

Sample wt/vol: 1075 (g/mL) ML Lab File ID: GS120114A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	4	J
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S120114

Sample wt/vol: 1075 (g/mL) ML Lab File ID: GS120114A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	3	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW1412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S120114

Sample wt/vol: 1075 (g/mL) ML Lab File ID: GS120114A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	TRICHLOROPROPENE	4.43	6	J
2.	UNKNOWN	6.94	3	J
3.	UNKNOWN	11.79	2	J
4.	UNKNOWN	12.35	26	J
5. 98-73-7	BENZOIC ACID, P-TERT-BUTYL-	12.67	4	NJ
6.	UNKNOWN	12.82	2	J
7.	UNKNOWN	12.94	2	J
8.	UNKNOWN	14.24	2	J
9.	UNKNOWN	14.55	3	J
10. 70-55-3	BENZENESULFONAMIDE, 4-METHYL	14.70	3	NJ
11. 76-73-3	SECOBARBITAL	16.27	4	NJ
12.	UNKNOWN	17.08	6	J
13.	UNKNOWN	17.76	3	J
14.	UNKNOWN	18.43	3	J
15.	UNKNOWN	20.29	3	J
16.	HEPTACHLOR	20.45	4	J
17.	HEPTACHLOR	20.75	11	J
18.	UNKNOWN	21.83	13	J
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1412

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-14

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.0075	JP
319-85-7	beta-BHC	0.014	JBP
319-86-8	delta-BHC	0.015	JP
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.014	JP
1024-57-3	Heptachlor epoxide	0.035	JB
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.0045	JP
33213-65-9	Endosulfan II	0.0019	JP
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.0077	JP
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.0051	JP
5103-74-2	gamma-Chlordane	0.0077	JBP
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW1412

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-14

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	296			P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	2.1	B		P
7440-39-3	Barium	90.7	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	141000			P
7440-47-3	Chromium	4.7	B		P
7440-48-4	Cobalt	6.6	B		P
7440-50-8	Copper	5.7	B		P
7439-89-6	Iron	2380			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	25600			P
7439-96-5	Manganese	532			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	10.5	B		P
7440-09-7	Potassium	6930		E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	20800			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	2.4	B		P
7440-66-6	Zinc	0.50	U		P
	Cyanide	9.0	B		CA

Color Before: YELLOW Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-1B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	2	JB
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	2	JB
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	1	J
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-1B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW1512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-1B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-1

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR1201-1A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/31/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-1

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR1201-1A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/31/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW1512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-1

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR1201-1A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/31/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 16

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.43	2	J
2. 21400-25-9	1-PROPENE, 1,1,2-TRICHLORO-	4.60	5	NJ
3.	UNKNOWN	7.08	5	J
4.	UNKNOWN	7.47	3	J
5.	UNKNOWN	8.94	4	J
6.	UNKNOWN	11.88	15	[illegible]
7. 98-73-7	BENZOIC ACID, P-TERT-BUTYL-	12.83	4	NJ
8. 101-10-0	PROPANOIC ACID, 2-(3-CHLOROP	14.08	3	NJ
9.	UNKNOWN	16.83	2	J
10.	UNKNOWN	17.93	3	J
11. 50-06-6	PHENOBARBITAL	18.27	8	NJ
12.	UNKNOWN	18.64	3	J
13.	UNKNOWN	20.77	4	J
14.	UNKNOWN	21.36	2	J
15.	UNKNOWN	22.06	4	J
16.	UNKNOWN	27.75	4	J
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1512

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-1

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/29/00

Extraction: (Type) SEPF Date Extracted: 03/29/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.021	JP
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.028	JP
76-44-8	Heptachlor	0.0052	JP
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW1512

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-1

Level (low/med): LOW__ Date Received: 03/29/00

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L____

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	72.5	B		P_
7440-36-0	Antimony_	2.6	U		P_
7440-38-2	Arsenic__	20.9			P_
7440-39-3	Barium___	1330			P_
7440-41-7	Beryllium	0.10	U		P_
7440-43-9	Cadmium__	0.20	U		P_
7440-70-2	Calcium__	85900			P_
7440-47-3	Chromium_	1.8	B		P_
7440-48-4	Cobalt___	4.0	B		P_
7440-50-8	Copper___	4.7	B		P_
7439-89-6	Iron_____	3040			P_
7439-92-1	Lead____	1.0	U		P_
7439-95-4	Magnesium	76000			P_
7439-96-5	Manganese	251			P_
7439-97-6	Mercury__	0.10	U		CV
7440-02-0	Nickel___	16.2	B		P_
7440-09-7	Potassium	124000		E	P_
7782-49-2	Selenium_	2.3	U		P_
7440-22-4	Silver___	0.60	U		P_
7440-23-5	Sodium___	560000			P_
7440-28-0	Thallium_	3.0	U		P_
7440-62-2	Vanadium_	0.73	B		P_
7440-66-6	Zinc_____	0.50	U		P_
	Cyanide__	2.5	B		CA

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-2

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-2A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	24	
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-2

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-2A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW1912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-2

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-2A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 75-45-6	METHANE, CHLORODIFLUORO-	3.64	7	NJ
2.	UNKNOWN	7.00	33	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-2

Sample wt/vol: 1075 (g/mL) ML Lab File ID: U1201-2A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	20	
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2	J
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-2

Sample wt/vol: 1075 (g/mL) ML Lab File ID: U1201-2A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW1912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-2

Sample wt/vol: 1075 (g/mL) ML Lab File ID: U1201-2A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/05/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	8.97	7	J
2.	UNKNOWN	9.73	39	J
3.	UNKNOWN	9.93	100	J
4.	UNKNOWN CARBOXYLIC ACID	10.36	7	J
5.	UNKNOWN	10.85	9	J
6.	UNKNOWN	10.95	10	J
7.	UNKNOWN	11.98	16	J
8.	UNKNOWN	12.15	7	J
9.	UNKNOWN	12.78	25	J
10.	UNKNOWN	13.15	570	J
11.	UNKNOWN	13.23	13	J
12.	UNKNOWN	13.50	8	J
13.	UNKNOWN	13.71	10	J
14.	UNKNOWN	13.84	9	J
15. 98-73-7	BENZOIC ACID, P-TERT-BUTYL-	13.94	48	NJ
16.	SULFUR	14.59	9	J
17. 101-10-0	PROPANOIC ACID, 2-(3-CHLOROP	14.64	24	NJ
18.	UNKNOWN	14.72	7	J
19.	UNKNOWN	14.89	7	J
20.	UNKNOWN	16.38	7	J
21.	UNKNOWN	16.80	12	J
22.	UNKNOWN	16.90	16	J
23.	UNKNOWN	17.58	8	J
24. 50-06-6	PHENOBARBITAL	17.83	62	NJ
25. 3389-71-7	BICYCLO[2.2.1]HEPTA-2,5-DIEN	17.94	11	NJ
26.	UNKNOWN	18.60	6	J
27.	UNKNOWN	18.65	8	J
28.	UNKNOWN AMIDE	18.71	12	J
29.	UNKNOWN	19.71	9	J
30.	UNKNOWN AMIDE	19.98	12	J

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1912

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-2

Sample wt/vol: 1075 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/01/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.0035	JBP
319-85-7	beta-BHC	0.046	U
319-86-8	delta-BHC	0.046	U
58-89-9	gamma-BHC (Lindane)	0.046	U
76-44-8	Heptachlor	0.046	U
309-00-2	Aldrin	0.0035	JP
1024-57-3	Heptachlor epoxide	0.0046	JBP
959-98-8	Endosulfan I	0.046	U
60-57-1	Dieldrin	0.0012	JP
72-55-9	4,4'-DDE	0.0038	JBP
72-20-8	Endrin	0.093	U
33213-65-9	Endosulfan II	0.0035	JP
72-54-8	4,4'-DDD	0.093	U
1031-07-8	Endosulfan sulfate	0.093	U
50-29-3	4,4'-DDT	0.093	U
72-43-5	Methoxychlor	0.0029	JBP
53494-70-5	Endrin ketone	0.093	U
7421-93-4	Endrin aldehyde	0.093	U
5103-71-9	alpha-Chlordane	0.0048	JP
5103-74-2	gamma-Chlordane	0.046	U
8001-35-2	Toxaphene	4.6	U
12674-11-2	Aroclor-1016	0.93	U
11104-28-2	Aroclor-1221	1.9	U
11141-16-5	Aroclor-1232	0.93	U
53469-21-9	Aroclor-1242	0.93	U
12672-29-6	Aroclor-1248	0.93	U
11097-69-1	Aroclor-1254	0.93	U
11096-82-5	Aroclor-1260	0.93	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW1912DL

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-2

Sample wt/vol: 1075 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/01/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.46	U
319-85-7	beta-BHC	0.051	DJB
319-86-8	delta-BHC	0.46	U
58-89-9	gamma-BHC (Lindane)	0.46	U
76-44-8	Heptachlor	0.46	U
309-00-2	Aldrin	0.46	U
1024-57-3	Heptachlor epoxide	0.0098	DJBP
959-98-8	Endosulfan I	0.46	U
60-57-1	Dieldrin	0.047	DJ
72-55-9	4,4'-DDE	0.93	U
72-20-8	Endrin	0.93	U
33213-65-9	Endosulfan II	0.93	U
72-54-8	4,4'-DDD	0.93	U
1031-07-8	Endosulfan sulfate	0.93	U
50-29-3	4,4'-DDT	0.93	U
72-43-5	Methoxychlor	4.6	U
53494-70-5	Endrin ketone	0.93	U
7421-93-4	Endrin aldehyde	0.93	U
5103-71-9	alpha-Chlordane	0.46	U
5103-74-2	gamma-Chlordane	0.46	U
8001-35-2	Toxaphene	46	U
12674-11-2	Aroclor-1016	9.3	U
11104-28-2	Aroclor-1221	19	U
11141-16-5	Aroclor-1232	9.3	U
53469-21-9	Aroclor-1242	9.3	U
12672-29-6	Aroclor-1248	9.3	U
11097-69-1	Aroclor-1254	9.3	U
11096-82-5	Aroclor-1260	9.3	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW1912

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: U1201_

Matrix (soil/water): WATER Lab Sample ID: U1201-2

Level (low/med): LOW Date Received: 04/01/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	58.7	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	19.2			P
7440-39-3	Barium	643			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	84400			P
7440-47-3	Chromium	1.3	B		P
7440-48-4	Cobalt	0.88	B		P
7440-50-8	Copper	2.0	B		P
7439-89-6	Iron	6040			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	56100			P
7439-96-5	Manganese	193			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	12.2	B		P
7440-09-7	Potassium	71800		E	P
7782-49-2	Selenium	2.3	U	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	737000			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.97	B		P
7440-66-6	Zinc	2.0	B		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW19912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-3

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-3A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	23	
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SA

ACSG

PUCHEM

LIBRTY C

soil/water)

/vol: 5.00

low/med)

e: not dec.

: EQUITY624

act Volume:

Cs found: 2

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No

Matrix: (soil/water) WATER Lab Sample ID: U1201-

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-3

Level: (low/med) LOW Date Received: 04/01/

% Moisture: not dec. _____ Date Analyzed: 04/12/

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume:

CAS NO.	COMPOUND	CONCENTRATION UN (ug/L or ug/Kg)
79-01-6	Trichloroethene	1
108-87-2	Methylcyclohexane	1
78-87-5	1,2-Dichloropropane	1
75-27-4	Bromodichloromethane	1
10061-01-5	cis-1,3-Dichloropropene	1
108-10-1	4-Methyl-2-Pentanone	1
108-88-3	Toluene	1
10061-02-6	trans-1,3-Dichloropropene	1
79-00-5	1,1,2-Trichloroethane	1
127-18-4	Tetrachloroethene	1
591-78-6	2-Hexanone	1
124-48-1	Dibromochloromethane	1
106-93-4	1,2-Dibromoethane	1
108-90-7	Chlorobenzene	1
100-41-4	Ethylbenzene	1
1330-20-7	Xylene (Total)	1
100-42-5	Styrene	1
75-25-2	Bromoform	1
98-82-8	Isopropylbenzene	1
79-34-5	1,1,2,2-Tetrachloroethane	1
541-73-1	1,3-Dichlorobenzene	1
106-46-7	1,4-Dichlorobenzene	1
95-50-1	1,2-Dichlorobenzene	1
96-12-8	1,2-Dibromo-3-Chloropropane	1
120-82-1	1,2,4-Trichlorobenzene	1

JMBER

FORM I VOA-2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW19912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-3

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: U1201-3A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	2	J
111-44-4	bis(2-Chloroethyl)ether	17	
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1	J
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW19912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-3

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: U1201-3A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	1	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW19912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-3

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: U1201-3A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 31 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 96-19-5	1-PROPENE, 1,2,3-TRICHLORO-	8.22	10	NJB
2.	UNKNOWN	8.83	8	J
3.	UNKNOWN	8.97	7	J
4.	UNKNOWN	9.73	36	J
5.	UNKNOWN CARBOXYLIC ACID	9.92	110	J
6.	UNKNOWN CARBOXYLIC ACID	10.36	7	J
7.	UNKNOWN	10.85	7	J
8.	UNKNOWN	10.95	11	J
9.	UNKNOWN	11.96	16	J
10.	UNKNOWN	12.15	6	J
11.	UNKNOWN	12.76	110	J
12.	UNKNOWN	13.15	560	J
13. 480-63-7	BENZOIC ACID, 2,4,6-TRIMETHY	13.23	10	NJ
14.	UNKNOWN	13.84	6	J
15. 98-73-7	BENZOIC ACID, P-TERT-BUTYL-	13.93	39	NJ
16. 101-10-0	PROPANOIC ACID, 2-(3-CHLOROP	14.64	11	NJ
17.	UNKNOWN	15.85	6	J
18.	UNKNOWN	16.04	6	J
19.	UNKNOWN	16.38	7	J
20.	UNKNOWN	16.80	9	J
21.	UNKNOWN	16.90	12	J
22.	UNKNOWN	17.31	6	J
23. 50-06-6	PHENOBARBITAL	17.83	51	NJ
24.	UNKNOWN	17.92	7	J
25.	UNKNOWN	18.60	7	J
26.	UNKNOWN	18.65	7	J
27. 57-11-4	OCTADECANOIC ACID	18.71	9	NJ
28.	UNKNOWN	19.71	8	J
29.	UNKNOWN AMIDE	19.98	27	J
30.	UNKNOWN	20.19	6	J

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW19912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-3

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: U1201-3A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 31

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	21.71	6	J
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW19912

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-3

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/01/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.032	JBP
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.0038	JP
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.0014	JP
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.0026	JP
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.0056	JP
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW19912

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: U1201_

Matrix (soil/water): WATER Lab Sample ID: U1201-3

Level (low/med): LOW Date Received: 04/01/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	69.7	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	20.4			P
7440-39-3	Barium	647			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	84700			P
7440-47-3	Chromium	0.64	B		P
7440-48-4	Cobalt	0.40	U		P
7440-50-8	Copper	1.4	B		P
7439-89-6	Iron	6020			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	56100			P
7439-96-5	Manganese	194			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	11.9	B		P
7440-09-7	Potassium	72000		E	P
7782-49-2	Selenium	2.9	B	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	738000			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.66	B		P
7440-66-6	Zinc	0.50	U		P
	Cyanide	7.7	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW371

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-1A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	1	J
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3712

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-1A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	1	J
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW371

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-1A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3712

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-1

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-1B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3712

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-1

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-1B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW3712

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-1

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-1B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3712

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-1

Sample wt/vol: 1125 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.044	U
319-85-7	beta-BHC	0.0071	JBP
319-86-8	delta-BHC	0.044	U
58-89-9	gamma-BHC (Lindane)	0.044	U
76-44-8	Heptachlor	0.0044	JB
309-00-2	Aldrin	0.044	U
1024-57-3	Heptachlor epoxide	0.0034	JBP
959-98-8	Endosulfan I	0.044	U
60-57-1	Dieldrin	0.089	U
72-55-9	4,4'-DDE	0.089	U
72-20-8	Endrin	0.089	U
33213-65-9	Endosulfan II	0.089	U
72-54-8	4,4'-DDD	0.089	U
1031-07-8	Endosulfan sulfate	0.089	U
50-29-3	4,4'-DDT	0.089	U
72-43-5	Methoxychlor	0.44	U
53494-70-5	Endrin ketone	0.089	U
7421-93-4	Endrin aldehyde	0.089	U
5103-71-9	alpha-Chlordane	0.044	U
5103-74-2	gamma-Chlordane	0.044	U
8001-35-2	Toxaphene	4.4	U
12674-11-2	Aroclor-1016	0.89	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.89	U
53469-21-9	Aroclor-1242	0.89	U
12672-29-6	Aroclor-1248	0.89	U
11097-69-1	Aroclor-1254	0.89	U
11096-82-5	Aroclor-1260	0.89	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW3712

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-1

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	558			P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	2.4	B		P
7440-39-3	Barium	32.7	B		P
7440-41-7	Beryllium	0.31	B		P
7440-43-9	Cadmium	0.29	B		P
7440-70-2	Calcium	83600			P
7440-47-3	Chromium	4.3	B		P
7440-48-4	Cobalt	2.8	B		P
7440-50-8	Copper	9.5	B		P
7439-89-6	Iron	10800			P
7439-92-1	Lead	1.7	B		P
7439-95-4	Magnesium	26400			P
7439-96-5	Manganese	425			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	7.5	B		P
7440-09-7	Potassium	1080	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	18800			P
7440-28-0	Thallium	3.3	B		P
7440-62-2	Vanadium	3.0	B		P
7440-66-6	Zinc	7.2	B		P
	Cyanide	0.90	U		CA

Color Before: YELLOW Clarity Before: CLEAR Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-5B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	1	JB
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	2	JB
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-5B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	3	J
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW3812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-5B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-5

Sample wt/vol: 925.0 (g/mL) ML Lab File ID: GR1201-5A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/31/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	11	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl)ether	11	U
95-57-8	2-Chlorophenol	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	2,2'-oxybis(1-Chloropropane)	11	U
98-86-2	Acetophenone	11	U
106-44-5	4-Methylphenol	11	U
621-64-7	N-Nitroso-di-n-propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
111-91-1	bis(2-Chloroethoxy)methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
105-60-2	Caprolactam	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	27	U
92-52-4	1,1'-Biphenyl	11	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	27	U
131-11-3	Dimethylphthalate	11	U
606-20-2	2,6-Dinitrotoluene	11	U
208-96-8	Acenaphthylene	11	U
99-09-2	3-Nitroaniline	27	U
83-32-9	Acenaphthene	11	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-5

Sample wt/vol: 925.0 (g/mL) ML Lab File ID: GR1201-5A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/31/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	27	U
100-02-7	4-Nitrophenol	27	U
132-64-9	Dibenzofuran	11	U
121-14-2	2,4-Dinitrotoluene	11	U
84-66-2	Diethylphthalate	11	U
86-73-7	Fluorene	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
100-01-6	4-Nitroaniline	27	U
534-52-1	4,6-Dinitro-2-methylphenol	27	U
86-30-6	N-nitrosodiphenylamine (1)	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
118-74-1	Hexachlorobenzene	11	U
1912-24-9	Atrazine	11	U
87-86-5	Pentachlorophenol	27	U
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
86-74-8	Carbazole	11	U
84-74-2	Di-n-butylphthalate	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
85-68-7	Butylbenzylphthalate	11	U
91-94-1	3,3'-Dichlorobenzidine	11	U
56-55-3	Benzo(a)anthracene	11	U
218-01-9	Chrysene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	11	U
117-84-0	Di-n-octylphthalate	11	U
205-99-2	Benzo(b)fluoranthene	11	U
207-08-9	Benzo(k)fluoranthene	11	U
50-32-8	Benzo(a)pyrene	11	U
193-39-5	Indeno(1,2,3-cd)pyrene	11	U
53-70-3	Dibenzo(a,h)anthracene	11	U
191-24-2	Benzo(g,h,i)perylene	11	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW3812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-5

Sample wt/vol: 925.0 (g/mL) ML Lab File ID: GR1201-5A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/31/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	TRICHLOROPROPENE	4.60	6	J
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3812

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-5

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/29/00

Extraction: (Type) SEPF Date Extracted: 03/29/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.0022	JP
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW3812

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-5

Level (low/med): LOW Date Received: 03/29/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	135	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	33.4	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	61200			P
7440-47-3	Chromium	2.7	B		P
7440-48-4	Cobalt	2.6	B		P
7440-50-8	Copper	2.9	B		P
7439-89-6	Iron	6790			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	22200			P
7439-96-5	Manganese	674			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	7.5	B		P
7440-09-7	Potassium	423	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	6850			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	3.5	B		P
7440-66-6	Zinc	21.6			P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-4B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	1	JB
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	2	JB
156-60-5	trans-1,2-Dichloroethene	2	J
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-4B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW3912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-4B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-4

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR1201-4A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/31/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-4

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR1201-4A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/31/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW3912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-4

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR1201-4A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/31/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	TRICHLOROPROPENE	4.60	4	J
2.	UNKNOWN	7.08	3	J
3.	UNKNOWN	13.00	6	J
4.	UNKNOWN	18.49	2	J
5.	UNKNOWN	22.07	5	J
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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3912

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-4

Sample wt/vol: 1025 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/29/00

Extraction: (Type) SEPF Date Extracted: 03/29/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.049	U
319-85-7	beta-BHC	0.049	U
319-86-8	delta-BHC	0.049	U
58-89-9	gamma-BHC (Lindane)	0.015	J
76-44-8	Heptachlor	0.049	U
309-00-2	Aldrin	0.049	U
1024-57-3	Heptachlor epoxide	0.049	U
959-98-8	Endosulfan I	0.049	U
60-57-1	Dieldrin	0.098	U
72-55-9	4,4'-DDE	0.098	U
72-20-8	Endrin	0.098	U
33213-65-9	Endosulfan II	0.098	U
72-54-8	4,4'-DDD	0.098	U
1031-07-8	Endosulfan sulfate	0.098	U
50-29-3	4,4'-DDT	0.098	U
72-43-5	Methoxychlor	0.49	U
53494-70-5	Endrin ketone	0.098	U
7421-93-4	Endrin aldehyde	0.098	U
5103-71-9	alpha-Chlordane	0.049	U
5103-74-2	gamma-Chlordane	0.049	U
8001-35-2	Toxaphene	4.9	U
12674-11-2	Aroclor-1016	0.98	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	0.98	U
53469-21-9	Aroclor-1242	0.98	U
12672-29-6	Aroclor-1248	0.98	U
11097-69-1	Aroclor-1254	0.98	U
11096-82-5	Aroclor-1260	0.98	U

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW3912

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-4

Level (low/med): LOW Date Received: 03/29/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	47.6	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	81.1	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	110000			P
7440-47-3	Chromium	7.9	B		P
7440-48-4	Cobalt	0.57	B		P
7440-50-8	Copper	3.3	B		P
7439-89-6	Iron	10300			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	19800			P
7439-96-5	Manganese	681			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	9.6	B		P
7440-09-7	Potassium	5270		E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	157000			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.72	B		P
7440-66-6	Zinc	3.3	B		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW401

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-10

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-10RA59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
71-55-6	1,1,1-Trichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4012

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-10

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-10RA59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW4012

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: T1201_

Matrix (soil/water): WATER Lab Sample ID: T1201-10

Level (low/med): LOW Date Received: 03/29/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.6	U		P
7439-92-1	Lead	1.9	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-7

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-7B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	2	JB
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	3	JB
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-7

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-7B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-7

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-7B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-7

Sample wt/vol: 1075 (g/mL) ML Lab File ID: GR1201-7A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/02/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-7

Sample wt/vol: 1075 (g/mL) ML Lab File ID: GR1201-7A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/02/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-7

Sample wt/vol: 1075 (g/mL) ML Lab File ID: GR1201-7A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/02/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	TRICHLOROPROPENE	4.59	2	J
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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4112

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-7

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/29/00

Extraction: (Type) SEPF Date Extracted: 03/29/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.011	JP
319-85-7	beta-BHC	0.018	J
319-86-8	delta-BHC	0.047	
58-89-9	gamma-BHC (Lindane)	0.023	JP
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.0035	JP
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW4112

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-7

Level (low/med): LOW Date Received: 03/29/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	397			P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	42.4	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	82600			P
7440-47-3	Chromium	3.6	B		P
7440-48-4	Cobalt	0.40	U		P
7440-50-8	Copper	3.4	B		P
7439-89-6	Iron	442			P
7439-92-1	Lead	1.6	B		P
7439-95-4	Magnesium	28700			P
7439-96-5	Manganese	49.4			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.9	B		P
7440-09-7	Potassium	485	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	9620			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.97	B		P
7440-66-6	Zinc	0.59	B		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-17

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-17A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-17

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-17A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-17

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-17A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-17

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120117A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/03/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-17

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120117A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/03/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	45	
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-17

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120117A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/03/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4212

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-17

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/29/00

Extraction: (Type) SEPF Date Extracted: 03/29/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.011	JP
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW4212

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-17

Level (low/med): LOW Date Received: 03/29/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39.3	U		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	69.8	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	132000			P
7440-47-3	Chromium	0.54	B		P
7440-48-4	Cobalt	0.53	B		P
7440-50-8	Copper	0.95	B		P
7439-89-6	Iron	2600			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	51300			P
7439-96-5	Manganese	632			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.1	B		P
7440-09-7	Potassium	831	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	19300			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	0.50	U		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-6

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-6B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	2	JB
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	2	JB
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-6

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-6B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-6

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-6B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-6

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR12016JA70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/02/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-6

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR12016JA70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/02/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-6

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR12016JA70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/02/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4312

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-6

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/29/00

Extraction: (Type) SEPF Date Extracted: 03/29/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.0054	JP
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.0020	JP
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW4312

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-6

Level (low/med): LOW Date Received: 03/29/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3880			P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	28.3			P
7440-39-3	Barium	52.6	B		P
7440-41-7	Beryllium	0.76	B		P
7440-43-9	Cadmium	0.79	B		P
7440-70-2	Calcium	141000			P
7440-47-3	Chromium	2.5	B		P
7440-48-4	Cobalt	258			P
7440-50-8	Copper	40.4			P
7439-89-6	Iron	27900			P
7439-92-1	Lead	4.1			P
7439-95-4	Magnesium	60800			P
7439-96-5	Manganese	454			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	262			P
7440-09-7	Potassium	631	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	22800			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	2.6	B		P
7440-66-6	Zinc	233			P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-15

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-15A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	8	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	7	J
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-15

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-15A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	5	J
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	4	J
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	1	J
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	2	J
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	6	J
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-15

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-15A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-15

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120115A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/03/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-15

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120115A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/03/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	4	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-15

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120115A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/03/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	TRICHLOROPROPENE	4.57	3	J
2.	UNKNOWN	7.44	2	J
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4412

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-15

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/29/00

Extraction: (Type) SEPF Date Extracted: 03/29/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.0030	JP
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW4412

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-15

Level (low/med): LOW Date Received: 03/29/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	55.6	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	9.8	B		P
7440-39-3	Barium	163	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	168000			P
7440-47-3	Chromium	121			P
7440-48-4	Cobalt	0.40	U		P
7440-50-8	Copper	2.9	B		P
7439-89-6	Iron	2860			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	59500			P
7439-96-5	Manganese	65.1			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	11.2	B		P
7440-09-7	Potassium	1330	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	129000			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	2.4	B		P
	Cyanide	1.3	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW44912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-16

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-16A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	12	
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	11	
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	9	J
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW44912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-16

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-16A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	8	J
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	7	J
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	1	J
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	4	J
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW44912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-16

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-16A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW44912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-16

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120116A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/03/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW44912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-16

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120116A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/03/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW44912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-16

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120116A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/03/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.87	3	J
2.	UNKNOWN	7.45	3	J
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW44912

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-16

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/29/00

Extraction: (Type) SEPF Date Extracted: 03/29/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.0064	JP
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.0080	JP
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW44912

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-16

Level (low/med): LOW Date Received: 03/29/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39.3	U		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	16.6			P
7440-39-3	Barium	170	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	168000			P
7440-47-3	Chromium	393			P
7440-48-4	Cobalt	0.40	U		P
7440-50-8	Copper	5.1	B		P
7439-89-6	Iron	5680			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	59500			P
7439-96-5	Manganese	66.7			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	17.2	B		P
7440-09-7	Potassium	1330	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	132000			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	1.3	B		P
7440-66-6	Zinc	0.50	U		P
	Cyanide	0.91	B		CA

Color Before: YELLOW Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-9

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-9B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	43	
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	3	JB
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	3	JB
156-60-5	trans-1,2-Dichloroethene	2	J
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	4	J
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	290	E
107-06-2	1,2-Dichloroethane	10	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-9

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-9B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	7	J
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	25	
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	4	J
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	16	
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	2	J
95-50-1	1,2-Dichlorobenzene	4	J
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-9

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-9B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	100-40-3	CYCLOHEXENE, 4-ETHENYL-	18.64	12	NJ
2.	103-65-1	BENZENE, PROPYL-	20.80	11	NJ
3.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	21.41	190	NJ
4.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	21.88	410	NJ
5.		UNKNOWN	22.12	22	J
6.	874-41-9	BENZENE, 1-ETHYL-2,4-DIMETHY	22.54	5	NJ
7.	874-41-9	BENZENE, 1-ETHYL-2,4-DIMETHY	22.67	5	NJ
8.	488-23-3	BENZENE, 1,2,3,4-TETRAMETHYL	23.27	7	NJ
9.	824-22-6	1H-INDENE, 2,3-DIHYDRO-4-MET	23.91	10	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4512DL

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-9

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-9DA59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	20	U
74-87-3	Chloromethane	20	U
75-01-4	Vinyl Chloride	20	U
74-83-9	Bromomethane	20	U
75-00-3	Chloroethane	38	D
75-69-4	Trichlorofluoromethane	20	U
75-35-4	1,1-Dichloroethene	20	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U
67-64-1	Acetone	20	U
75-15-0	Carbon Disulfide	20	U
79-20-9	Methyl Acetate	20	U
75-09-2	Methylene Chloride	20	U
156-60-5	trans-1,2-Dichloroethene	2	DJ
1634-04-4	Methyl tert-Butyl Ether	20	U
75-34-3	1,1-Dichloroethane	20	U
156-59-2	cis-1,2-Dichloroethene	20	U
78-93-3	2-Butanone	20	U
67-66-3	Chloroform	20	U
71-55-6	1,1,1-Trichloroethane	20	U
110-82-7	Cyclohexane	6	DJ
56-23-5	Carbon Tetrachloride	20	U
71-43-2	Benzene	290	D
107-06-2	1,2-Dichloroethane	20	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4512DL

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-9

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-9DA59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	20	U
108-87-2	Methylcyclohexane	7	DJ
78-87-5	1,2-Dichloropropane	20	U
75-27-4	Bromodichloromethane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
108-10-1	4-Methyl-2-Pentanone	20	U
108-88-3	Toluene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
79-00-5	1,1,2-Trichloroethane	20	U
127-18-4	Tetrachloroethene	20	U
591-78-6	2-Hexanone	20	U
124-48-1	Dibromochloromethane	20	U
106-93-4	1,2-Dibromoethane	20	U
108-90-7	Chlorobenzene	24	D
100-41-4	Ethylbenzene	20	U
1330-20-7	Xylene (Total)	5	DJ
100-42-5	Styrene	20	U
75-25-2	Bromoform	20	U
98-82-8	Isopropylbenzene	14	DJ
79-34-5	1,1,2,2-Tetrachloroethane	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	2	DJ
95-50-1	1,2-Dichlorobenzene	5	DJ
96-12-8	1,2-Dibromo-3-Chloropropane	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4512DL

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-9

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-9DA59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 100-40-3	CYCLOHEXENE, 4-ETHENYL-	17.31	16	NJD
2. 103-65-1	BENZENE, PROPYL-	20.64	16	NJD
3. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	21.65	240	NJD
4. 95-36-3	1,2,4-TRIMETHYLBENZENE	22.45	63	NJD
5. 496-11-7	INDANE	22.85	27	NJD
6. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	24.51	11	NJD
7. 1587-04-8	BENZENE, 1-METHYL-2-(2-PROPE	25.36	17	NJD
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-9

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR1201-9A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/02/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	4	J
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	67	
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	1	J
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-9

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR1201-9A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/02/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-9

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR1201-9A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/02/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 21

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	TRICHLOROPROPENE	4.59	4	J
2. 98-82-8	BENZENE, (1-METHYLETHYL)-	5.20	2	NJ
3. 95-36-3	1,2,4-TRIMETHYLBENZENE	5.47	120	NJ
4. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	5.95	26	NJ
5. 496-11-7	INDANE	6.15	14	NJ
6.	UNKNOWN	6.64	4	J
7. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	6.89	4	NJ
8.	UNKNOWN	7.09	3	J
9. 95-87-4	PHENOL, 2,5-DIMETHYL-	7.42	2	NJ
10. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	7.50	4	NJ
11. 874-41-9	BENZENE, 1-ETHYL-2,4-DIMETHY	7.57	6	NJ
12. 874-35-1	1H-INDENE, 2,3-DIHYDRO-5-MET	7.86	3	NJ
13. 767-58-8	INDAN, 1-METHYL-	8.02	6	NJ
14.	SUBSTITUTED BENZENE	8.07	4	J
15. 90-12-0	NAPHTHALENE, 1-METHYL-	10.37	2	NJ
16.	UNKNOWN	11.00	4	J
17.	UNKNOWN	11.67	4	J
18.	UNKNOWN	11.88	5	J
19.	UNKNOWN	11.98	3	J
20.	UNKNOWN	12.70	2	J
21. 309-43-3	SECOBARBITAL SODIUM	16.42	6	NJ
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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4512

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-9

Sample wt/vol: 1075 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/29/00

Extraction: (Type) SEPF Date Extracted: 03/29/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.046	U
319-85-7	beta-BHC	0.046	U
319-86-8	delta-BHC	0.046	U
58-89-9	gamma-BHC (Lindane)	0.0032	JP
76-44-8	Heptachlor	0.046	U
309-00-2	Aldrin	0.046	U
1024-57-3	Heptachlor epoxide	0.046	U
959-98-8	Endosulfan I	0.046	U
60-57-1	Dieldrin	0.093	U
72-55-9	4,4'-DDE	0.093	U
72-20-8	Endrin	0.093	U
33213-65-9	Endosulfan II	0.093	U
72-54-8	4,4'-DDD	0.093	U
1031-07-8	Endosulfan sulfate	0.093	U
50-29-3	4,4'-DDT	0.093	U
72-43-5	Methoxychlor	0.46	U
53494-70-5	Endrin ketone	0.093	U
7421-93-4	Endrin aldehyde	0.093	U
5103-71-9	alpha-Chlordane	0.046	U
5103-74-2	gamma-Chlordane	0.046	U
8001-35-2	Toxaphene	4.6	U
12674-11-2	Aroclor-1016	0.93	U
11104-28-2	Aroclor-1221	1.9	U
11141-16-5	Aroclor-1232	0.93	U
53469-21-9	Aroclor-1242	0.93	U
12672-29-6	Aroclor-1248	0.93	U
11097-69-1	Aroclor-1254	0.93	U
11096-82-5	Aroclor-1260	0.93	U

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW4512

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-9

Level (low/med): LOW Date Received: 03/29/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	128	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	37.6			P
7440-39-3	Barium	93.6	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	100000			P
7440-47-3	Chromium	1.3	B		P
7440-48-4	Cobalt	2.5	B		P
7440-50-8	Copper	1.5	B		P
7439-89-6	Iron	15100			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	25100			P
7439-96-5	Manganese	330			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	3.8	B		P
7440-09-7	Potassium	5260		E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	108000			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.52	B		P
7440-66-6	Zinc	3.3	B		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4612

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-9

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-9A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4612

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-9

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-9A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4612

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-9

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-9A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.00	8	J
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4612

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-9

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-9A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	3	J
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4612

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-9

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-9A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4612

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-9

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-9A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.34	2	J
2.	TRICHLOROPROPENE	4.51	3	J
3.	UNKNOWN	7.01	3	J
4.	SULFUR	12.64	3	J
5. 10544-50-0	SULFUR, MOL. (S8)	18.42	8	NJ
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4612

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-9

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.015	JBP
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.00088	JP
72-20-8	Endrin	0.00074	JP
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.0021	JP
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4612DL

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-9

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/07/00

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.0039	DJ
319-85-7	beta-BHC	0.23	U
319-86-8	delta-BHC	0.23	U
58-89-9	gamma-BHC (Lindane)	0.23	U
76-44-8	Heptachlor	0.23	U
309-00-2	Aldrin	0.23	U
1024-57-3	Heptachlor epoxide	0.23	U
959-98-8	Endosulfan I	0.23	U
60-57-1	Dieldrin	0.45	U
72-55-9	4,4'-DDE	0.45	U
72-20-8	Endrin	0.45	U
33213-65-9	Endosulfan II	0.45	U
72-54-8	4,4'-DDD	0.45	U
1031-07-8	Endosulfan sulfate	0.45	U
50-29-3	4,4'-DDT	0.45	U
72-43-5	Methoxychlor	0.043	DJB
53494-70-5	Endrin ketone	0.45	U
7421-93-4	Endrin aldehyde	0.45	U
5103-71-9	alpha-Chlordane	0.23	U
5103-74-2	gamma-Chlordane	0.23	U
8001-35-2	Toxaphene	23	U
12674-11-2	Aroclor-1016	4.5	U
11104-28-2	Aroclor-1221	9.1	U
11141-16-5	Aroclor-1232	4.5	U
53469-21-9	Aroclor-1242	4.5	U
12672-29-6	Aroclor-1248	4.5	U
11097-69-1	Aroclor-1254	4.5	U
11096-82-5	Aroclor-1260	4.5	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW4612

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-9

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	67.2	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	2.1	B		P
7440-39-3	Barium	149	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.26	B		P
7440-70-2	Calcium	128000			P
7440-47-3	Chromium	1.3	B		P
7440-48-4	Cobalt	0.40	U		P
7440-50-8	Copper	0.65	B		P
7439-89-6	Iron	33100			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	37000			P
7439-96-5	Manganese	1660			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.8	B		P
7440-09-7	Potassium	976	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	204000			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	1.5	B		P
7440-66-6	Zinc	4.8	B		P
	Cyanide	0.94	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4712

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-2

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-2B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	2	JB
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	2	JB
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4712

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-2

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-2B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4712

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-2

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-2B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	9.30	9	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4712

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-2

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR1201-2A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/31/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4712

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-2

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR1201-2A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/31/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4712

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-2

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR1201-2A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/31/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.43	2	J
2. 21400-25-9	1-PROPENE, 1,1,2-TRICHLORO-	4.60	5	NJ
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4712

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-2

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/29/00

Extraction: (Type) SEPF Date Extracted: 03/29/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW4712

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-2

Level (low/med): LOW Date Received: 03/29/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	790			P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	12.8	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	9470			P
7440-47-3	Chromium	5.3	B		P
7440-48-4	Cobalt	0.57	B		P
7440-50-8	Copper	2.3	B		P
7439-89-6	Iron	797			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	2640	B		P
7439-96-5	Manganese	9.0	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.6	B		P
7440-09-7	Potassium	638	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	10200			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	1.7	B		P
7440-66-6	Zinc	6.5	B		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-2

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-2A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	24	
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	250	E
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-2

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-2A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	2	J
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-2

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-2A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-2

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-2DA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	20	U
74-87-3	Chloromethane	20	U
75-01-4	Vinyl Chloride	20	U
74-83-9	Bromomethane	20	U
75-00-3	Chloroethane	21	D
75-69-4	Trichlorofluoromethane	20	U
75-35-4	1,1-Dichloroethene	20	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U
67-64-1	Acetone	20	U
75-15-0	Carbon Disulfide	20	U
79-20-9	Methyl Acetate	20	U
75-09-2	Methylene Chloride	20	U
156-60-5	trans-1,2-Dichloroethene	20	U
1634-04-4	Methyl tert-Butyl Ether	20	U
75-34-3	1,1-Dichloroethane	20	U
156-59-2	cis-1,2-Dichloroethene	20	U
78-93-3	2-Butanone	20	U
67-66-3	Chloroform	20	U
71-55-6	1,1,1-Trichloroethane	20	U
110-82-7	Cyclohexane	20	U
56-23-5	Carbon Tetrachloride	20	U
71-43-2	Benzene	220	D
107-06-2	1,2-Dichloroethane	20	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4812DL

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-2

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-2DA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	20	U
108-87-2	Methylcyclohexane	20	U
78-87-5	1,2-Dichloropropane	20	U
75-27-4	Bromodichloromethane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
108-10-1	4-Methyl-2-Pentanone	20	U
108-88-3	Toluene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
79-00-5	1,1,2-Trichloroethane	20	U
127-18-4	Tetrachloroethene	20	U
591-78-6	2-Hexanone	20	U
124-48-1	Dibromochloromethane	20	U
106-93-4	1,2-Dibromoethane	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U
1330-20-7	Xylene (Total)	20	U
100-42-5	Styrene	20	U
75-25-2	Bromoform	20	U
98-82-8	Isopropylbenzene	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
95-50-1	1,2-Dichlorobenzene	20	U
96-12-8	1,2-Dibromo-3-Chloropropane	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4812D

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-2

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-2DA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-2

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-2B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	7	J
111-44-4	bis(2-Chloroethyl)ether	3	J
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-2

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-2B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-2

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-2B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 873-94-9	CYCLOHEXANONE, 3,3,5-TRIMETH	6.19	2	NJ
2.	UNKNOWN	7.05	2	J
3.	UNKNOWN	12.98	12	J
4. 10544-50-0	SULFUR, MOL. (S8)	18.47	4	NJ
5.	UNKNOWN	22.02	2	J
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW481

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-2

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/05/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/06/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW4812

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201

Matrix (soil/water): WATER Lab Sample ID: S1201-2

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39.3	U		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	5.0	B		P
7440-39-3	Barium	58.7	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	119000			P
7440-47-3	Chromium	0.67	B		P
7440-48-4	Cobalt	5.7	B		P
7440-50-8	Copper	0.84	B		P
7439-89-6	Iron	10400			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	23000			P
7439-96-5	Manganese	824			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	10.2	B		P
7440-09-7	Potassium	3270	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	37200			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	5.7	B		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-18

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-18A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	91	
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	500	E
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-18

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-18A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-18

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-18A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 873-94-9	CYCLOHEXANONE, 3,3,5-TRIMETH	23.50	8	NJ
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4912DL

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-18

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-18DB59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	50	U
74-87-3	Chloromethane	50	U
75-01-4	Vinyl Chloride	50	U
74-83-9	Bromomethane	50	U
75-00-3	Chloroethane	69	D
75-69-4	Trichlorofluoromethane	50	U
75-35-4	1,1-Dichloroethene	50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	50	U
67-64-1	Acetone	50	U
75-15-0	Carbon Disulfide	50	U
79-20-9	Methyl Acetate	50	U
75-09-2	Methylene Chloride	50	U
156-60-5	trans-1,2-Dichloroethene	50	U
1634-04-4	Methyl tert-Butyl Ether	50	U
75-34-3	1,1-Dichloroethane	50	U
156-59-2	cis-1,2-Dichloroethene	50	U
78-93-3	2-Butanone	50	U
67-66-3	Chloroform	50	U
71-55-6	1,1,1-Trichloroethane	50	U
110-82-7	Cyclohexane	50	U
56-23-5	Carbon Tetrachloride	50	U
71-43-2	Benzene	530	D
107-06-2	1,2-Dichloroethane	50	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-18

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-18DB59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	50	U
108-87-2	Methylcyclohexane	50	U
78-87-5	1,2-Dichloropropane	50	U
75-27-4	Bromodichloromethane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
108-10-1	4-Methyl-2-Pentanone	50	U
108-88-3	Toluene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
79-00-5	1,1,2-Trichloroethane	50	U
127-18-4	Tetrachloroethene	50	U
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	50	U
106-93-4	1,2-Dibromoethane	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
1330-20-7	Xylene (Total)	50	U
100-42-5	Styrene	50	U
75-25-2	Bromoform	50	U
98-82-8	Isopropylbenzene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
96-12-8	1,2-Dibromo-3-Chloropropane	50	U
120-82-1	1,2,4-Trichlorobenzene	50	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4912DL

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-18

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-18DB59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	LABORATORY ARTIFACT	20.33	33	JD
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-18

Sample wt/vol: 1125 (g/mL) ML Lab File ID: GS120118B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	5	J
111-44-4	bis(2-Chloroethyl)ether	1	J
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2	J
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	4	J
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-18

Sample wt/vol: 1125 (g/mL) ML Lab File ID: GS120118B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW4912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-18

Sample wt/vol: 1125 (g/mL) ML Lab File ID: GS120118B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 12 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.48	2	J
2. 873-94-9	CYCLOHEXANONE, 3,3,5-TRIMETH	6.16	62	NJ
3.	UNKNOWN	7.00	3	J
4.	UNKNOWN	8.79	3	J
5.	UNKNOWN	9.91	2	J
6. 103-84-4	ACETAMIDE, N-PHENYL-	11.34	2	NJ
7.	UNKNOWN	12.95	28	J
8.	UNKNOWN	13.40	2	J
9. 309-43-3	SECOBARBITAL SODIUM	16.34	3	NJ
10.	UNKNOWN	17.17	6	J
11. 301-02-0	9-OCTADECENAMIDE, (Z)-	21.75	9	NJ
12.	UNKNOWN	21.96	13	J
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW4912

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-18

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.010	JBP
319-86-8	delta-BHC	0.0014	JP
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.00094	J
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW4912

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-18

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39.3	U		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	4.4	B		P
7440-39-3	Barium	84.4	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	86200			P
7440-47-3	Chromium	0.89	B		P
7440-48-4	Cobalt	0.69	B		P
7440-50-8	Copper	1.1	B		P
7439-89-6	Iron	10700			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	16600			P
7439-96-5	Manganese	1090			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	3.8	B		P
7440-09-7	Potassium	2820	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	15300			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.86	B		P
7440-66-6	Zinc	2.5	B		P
	Cyanide	1.2	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-12

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-12A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	6	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	5	J
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-12

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-12A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	3	J
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	4	J
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	4	J
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWFB0112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-12

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-12A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 873-94-9	CYCLOHEXANONE, 3,3,5-TRIMETH	23.52	43	NJ
2.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-12

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120112A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/02/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-12

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120112A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/02/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWFB0112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-12

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120112A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/02/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	TRICHLOROPROPENE	4.61	4	J
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0112

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-12

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/29/00

Extraction: (Type) SEPF Date Extracted: 03/29/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.024	J
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.022	JP
76-44-8	Heptachlor	0.031	J
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWFB0112

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-12

Level (low/med): LOW__ Date Received: 03/29/00

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L____

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	39.3	U		P_
7440-36-0	Antimony_	2.6	U		P_
7440-38-2	Arsenic__	1.6	U		P_
7440-39-3	Barium___	0.57	B		P_
7440-41-7	Beryllium	0.10	U		P_
7440-43-9	Cadmium__	0.20	U		P_
7440-70-2	Calcium__	28.0	U		P_
7440-47-3	Chromium_	0.50	U		P_
7440-48-4	Cobalt___	0.40	U		P_
7440-50-8	Copper___	1.0	B		P_
7439-89-6	Iron____	42.6	B		P_
7439-92-1	Lead____	1.0	U		P_
7439-95-4	Magnesium	57.6	B		P_
7439-96-5	Manganese	0.74	B		P_
7439-97-6	Mercury__	0.10	U		CV
7440-02-0	Nickel___	0.60	U		P_
7440-09-7	Potassium	28.0	U	E	P_
7782-49-2	Selenium_	2.3	U		P_
7440-22-4	Silver___	0.60	U		P_
7440-23-5	Sodium___	343	B		P_
7440-28-0	Thallium_	3.0	U		P_
7440-62-2	Vanadium_	0.50	U		P_
7440-66-6	Zinc____	2.4	B		P_
	Cyanide__	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-6

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-6RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
71-55-6	1,1,1-Trichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWFB021

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-6

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-6RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWFB0212

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: T1201_

Matrix (soil/water): WATER Lab Sample ID: T1201-6

Level (low/med): LOW__ Date Received: 03/31/00

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L____

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic__	1.6	U		P_
7439-92-1	Lead_____	1.0	U		P_

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-5A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	2	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-5A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWFB0312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-5A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-5

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-5A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-5

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-5A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	JB
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWFB0312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-5

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-5A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0312

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-5

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.0012	J
319-85-7	beta-BHC	0.0043	JBP
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.0097	JB
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.0020	JP
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWFB0312

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-5

Level (low/med): LOW__ Date Received: 03/31/00

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L____

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	39.3	U		P_
7440-36-0	Antimony_	2.6	U		P_
7440-38-2	Arsenic__	1.6	U		P_
7440-39-3	Barium___	0.59	B		P_
7440-41-7	Beryllium	0.10	U		P_
7440-43-9	Cadmium__	0.20	U		P_
7440-70-2	Calcium__	28.0	U		P_
7440-47-3	Chromium_	0.50	U		P_
7440-48-4	Cobalt___	0.40	U		P_
7440-50-8	Copper___	0.60	U		P_
7439-89-6	Iron____	30.1	B		P_
7439-92-1	Lead____	1.0	U		P_
7439-95-4	Magnesium	43.8	B		P_
7439-96-5	Manganese	0.38	B		P_
7439-97-6	Mercury__	0.10	U		CV
7440-02-0	Nickel___	0.60	U		P_
7440-09-7	Potassium	28.0	U	E	P_
7782-49-2	Selenium_	2.3	U		P_
7440-22-4	Silver___	0.60	U		P_
7440-23-5	Sodium___	379	B		P_
7440-28-0	Thallium_	3.0	U		P_
7440-62-2	Vanadium_	0.50	U		P_
7440-66-6	Zinc____	0.50	U		P_
	Cyanide__	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-21

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-21A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	5	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-21

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-21A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWFB0412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-21

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-21A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-21

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120121B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-21

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120121B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWFB0412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-21

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120121B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0412

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-21

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.0020	JBP
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.0073	JBP
959-98-8	Endosulfan I	0.0030	JB
60-57-1	Dieldrin	0.0027	JP
72-55-9	4,4'-DDE	0.0015	JBP
72-20-8	Endrin	0.0012	JBP
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.012	JP
7421-93-4	Endrin aldehyde	0.0070	JP
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWFB0412

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-21

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39.3	U		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	0.25	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	28.0	U		P
7440-47-3	Chromium	0.98	B		P
7440-48-4	Cobalt	0.40	U		P
7440-50-8	Copper	0.60	U		P
7439-89-6	Iron	17.3	B		P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	21.5	B		P
7439-96-5	Manganese	0.51	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	0.60	U		P
7440-09-7	Potassium	28.0	U	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	402	B		P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	0.50	U		P
	Cyanide	1.4	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-6

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-6B59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	7	JB
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWFB0512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-6

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-6B59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWFB0512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-6

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-6B59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.01	8	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB0512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-6

Sample wt/vol: 1100 (g/mL) ML Lab File ID: U1201-6A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB0512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-6

Sample wt/vol: 1100 (g/mL) ML Lab File ID: U1201-6A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB0512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-6

Sample wt/vol: 1100 (g/mL) ML Lab File ID: U1201-6A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/05/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN AMIDE	19.96	4	J
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB0512

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-6

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/01/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.0081	JBP
319-86-8	delta-BHC	0.0013	JP
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.0071	JBP
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FB0512

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: U1201_

Matrix (soil/water): WATER Lab Sample ID: U1201-6

Level (low/med): LOW Date Received: 04/01/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39.3	U		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	0.47	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	28.0	U		P
7440-47-3	Chromium	0.50	U		P
7440-48-4	Cobalt	0.40	U		P
7440-50-8	Copper	0.91	B		P
7439-89-6	Iron	28.5	B		P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	51.8	B		P
7439-96-5	Manganese	0.71	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	0.60	U		P
7440-09-7	Potassium	28.0	U	E	P
7782-49-2	Selenium	2.5	B	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	305	B		P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	1.6	B		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-18

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-18A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-18

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-18A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-18

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-18A59

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWTB0212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-19

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-19B59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	2	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWTB0212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-19

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-19B59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWTB0212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-19

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-19B59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWTB0312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-7

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-7B59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWTB0312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-7

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-7B59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWTB0312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-7

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-7B59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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APPENDIX D

VALIDATION NARRATIVE AND LABORATORY REPORTS FROM LOWER AQUIFER

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW0712

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-4RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
71-55-6	1,1,1-Trichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW0712

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-4RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW0712

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: T1201_

Matrix (soil/water): WATER Lab Sample ID: T1201-4

Level (low/med): LOW__ Date Received: 03/31/00

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L____

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.6	U		P
7439-92-1	Lead	1.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW07912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-1A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
71-55-6	1,1,1-Trichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW07912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-1A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW07912

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: T1201_

Matrix (soil/water): WATER Lab Sample ID: T1201-1

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.6	U		P
7439-92-1	Lead	1.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW0812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-6

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-6A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	2	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW0812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-6

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-6A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW0812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-6

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-6A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW0812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-6

Sample wt/vol: 1080 (g/mL) ML Lab File ID: GS1201-6A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW0812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-6

Sample wt/vol: 1080 (g/mL) ML Lab File ID: GS1201-6A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	JB
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW0812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-6

Sample wt/vol: 1080 (g/mL) ML Lab File ID: GS1201-6A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW0812

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-6

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.0057	JBP
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.0067	JB
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW0812

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201

Matrix (soil/water): WATER Lab Sample ID: S1201-6

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39.3	U		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	119	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	52900			P
7440-47-3	Chromium	0.75	B		P
7440-48-4	Cobalt	0.40	U		P
7440-50-8	Copper	0.60	B		P
7439-89-6	Iron	1060			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	17700			P
7439-96-5	Manganese	91.4			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	0.60	U		P
7440-09-7	Potassium	920	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	14400			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	0.50	U		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW9R12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-3

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-3R2B59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	50	U
74-87-3	Chloromethane	50	U
75-01-4	Vinyl Chloride	50	U
74-83-9	Bromomethane	50	U
75-00-3	Chloroethane	460	
75-69-4	Trichlorofluoromethane	50	U
75-35-4	1,1-Dichloroethene	50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	50	U
67-64-1	Acetone	50	U
75-15-0	Carbon Disulfide	50	U
79-20-9	Methyl Acetate	50	U
75-09-2	Methylene Chloride	50	U
156-60-5	trans-1,2-Dichloroethene	50	U
1634-04-4	Methyl tert-Butyl Ether	50	U
75-34-3	1,1-Dichloroethane	50	U
156-59-2	cis-1,2-Dichloroethene	50	U
78-93-3	2-Butanone	50	U
67-66-3	Chloroform	50	U
71-55-6	1,1,1-Trichloroethane	50	U
110-82-7	Cyclohexane	50	U
56-23-5	Carbon Tetrachloride	50	U
71-43-2	Benzene	120	
107-06-2	1,2-Dichloroethane	50	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW9R12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-3

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-3R2B59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	50	U
108-87-2	Methylcyclohexane	50	U
78-87-5	1,2-Dichloropropane	50	U
75-27-4	Bromodichloromethane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
108-10-1	4-Methyl-2-Pentanone	50	U
108-88-3	Toluene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
79-00-5	1,1,2-Trichloroethane	50	U
127-18-4	Tetrachloroethene	50	U
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	50	U
106-93-4	1,2-Dibromoethane	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
1330-20-7	Xylene (Total)	50	U
100-42-5	Styrene	50	U
75-25-2	Bromoform	50	U
98-82-8	Isopropylbenzene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
96-12-8	1,2-Dibromo-3-Chloropropane	50	U
120-82-1	1,2,4-Trichlorobenzene	50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW9R12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-3

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-3R2B59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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FORM I VOA-TIC OLM04.2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW9R12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-3

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-3B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	3	J
111-44-4	bis(2-Chloroethyl)ether	15	
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW9R12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-3

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-3B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	1	JB
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW9R12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-3

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-3B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.72	2	J
2.	UNKNOWN	5.90	4	J
3.	UNKNOWN	7.05	11	J
4.	UNKNOWN	7.47	3	J
5.	UNKNOWN	7.63	15	J
6.	UNKNOWN	8.18	6	J
7.	UNKNOWN	10.43	3	J
8.	UNKNOWN	10.48	4	J
9.	UNKNOWN	10.73	3	J
10.	UNKNOWN	11.39	2	J
11.	UNKNOWN	12.09	7	J
12.	UNKNOWN	12.37	3	J
13.	UNKNOWN	12.51	34	J
14.	UNKNOWN	12.69	5	J
15.	UNKNOWN	12.81	12	J
16.	UNKNOWN	12.98	5	J
17. 98-73-7	BENZOIC ACID, P-TERT-BUTYL-	13.08	12	NJ
18.	UNKNOWN	13.22	3	J
19.	UNKNOWN	13.52	2	J
20. 101-10-0	PROPANOIC ACID, 2-(3-CHLOROP	14.18	11	NJ
21.	UNKNOWN	14.74	3	J
22. 70-55-3	BENZENESULFONAMIDE, 4-METHYL	14.94	3	NJ
23.	UNKNOWN	16.48	5	J
24.	UNKNOWN	17.29	8	J
25. 10544-50-0	SULFUR, MOL. (S8)	18.54	37	NJ
26.	HEPTACHLOR	20.67	5	J
27.	UNKNOWN	20.99	10	J
28.	UNKNOWN	22.16	6	J
29.	UNKNOWN	22.50	3	J
30.	UNKNOWN	25.62	3	J

FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW9R12

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-3

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.030	J
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.034	J
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.010	J
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.0093	JP
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.0084	JP
5103-74-2	gamma-Chlordane	0.0078	JBP
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW9R12

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-3

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39.3	U		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	305			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	155000			P
7440-47-3	Chromium	1.9	B		P
7440-48-4	Cobalt	2.9	B		P
7440-50-8	Copper	0.96	B		P
7439-89-6	Iron	6930			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	21900			P
7439-96-5	Manganese	266			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.0	B		P
7440-09-7	Potassium	8360		E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	34500			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	2.3	B		P
7440-66-6	Zinc	0.50	U		P
	Cyanide	2.3	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW9R912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-4DB59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	50	U
74-87-3	Chloromethane	50	U
75-01-4	Vinyl Chloride	50	U
74-83-9	Bromomethane	50	U
75-00-3	Chloroethane	510	
75-69-4	Trichlorofluoromethane	50	U
75-35-4	1,1-Dichloroethene	50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	50	U
67-64-1	Acetone	50	U
75-15-0	Carbon Disulfide	50	U
79-20-9	Methyl Acetate	50	U
75-09-2	Methylene Chloride	50	U
156-60-5	trans-1,2-Dichloroethene	50	U
1634-04-4	Methyl tert-Butyl Ether	50	U
75-34-3	1,1-Dichloroethane	50	U
156-59-2	cis-1,2-Dichloroethene	50	U
78-93-3	2-Butanone	50	U
67-66-3	Chloroform	50	U
71-55-6	1,1,1-Trichloroethane	50	U
110-82-7	Cyclohexane	50	U
56-23-5	Carbon Tetrachloride	50	U
71-43-2	Benzene	130	
107-06-2	1,2-Dichloroethane	50	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW9R912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-4DB59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	50	U
108-87-2	Methylcyclohexane	50	U
78-87-5	1,2-Dichloropropane	50	U
75-27-4	Bromodichloromethane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
108-10-1	4-Methyl-2-Pentanone	50	U
108-88-3	Toluene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
79-00-5	1,1,2-Trichloroethane	50	U
127-18-4	Tetrachloroethene	50	U
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	50	U
106-93-4	1,2-Dibromoethane	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
1330-20-7	Xylene (Total)	50	U
100-42-5	Styrene	50	U
75-25-2	Bromoform	50	U
98-82-8	Isopropylbenzene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
96-12-8	1,2-Dibromo-3-Chloropropane	50	U
120-82-1	1,2,4-Trichlorobenzene	50	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW9R912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-4DB59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW9R912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-4

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-4A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	2	J
111-44-4	bis(2-Chloroethyl)ether	17	
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW9R912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-4

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-4A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	3	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW9R912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-4

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-4A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	TRICHLOROPROPENE	4.51	4	J
2.	UNKNOWN	6.19	5	J
3.	UNKNOWN	7.00	16	J
4.	UNKNOWN	7.50	110	J
5.	UNKNOWN CARBOXYLIC ACID	8.06	6	J
6.	UNKNOWN	8.82	7	J
7.	UNKNOWN	10.19	4	J
8.	UNKNOWN	10.38	6	J
9.	UNKNOWN	10.41	4	J
10. 480-63-7	BENZOIC ACID, 2,4,6-TRIMETHY	11.95	8	NJ
11.	UNKNOWN	12.44	44	J
12.	UNKNOWN	12.64	12	J
13.	UNKNOWN	12.71	7	J
14. 98-73-7	BENZOIC ACID, P-TERT-BUTYL-	12.88	17	NJ
15.	UNKNOWN	13.08	5	J
16. 80-40-0	BENZENESULFONIC ACID, 4-METH	13.44	4	NJ
17. 101-10-0	PROPANOIC ACID, 2-(3-CHLOROP	14.03	5	NJ
18. 309-43-3	SECOBARBITAL SODIUM	16.38	4	NJ
19.	UNKNOWN	16.41	3	J
20.	UNKNOWN	17.19	8	J
21.	UNKNOWN	17.27	4	J
22.	UNKNOWN CARBOXYLIC ACID	17.86	4	J
23. 10544-50-0	SULFUR, MOL. (S8)	18.44	57	NJ
24.	UNKNOWN	20.40	4	J
25.	HEPTACHLOR	20.87	6	J
26.	UNKNOWN	21.34	5	J
27.	UNKNOWN AMIDE	21.80	5	J
28.	UNKNOWN	22.00	16	J
29.	UNKNOWN	27.29	6	J
30.	UNKNOWN	30.93	5	J

FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW9R912

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-4

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.026	J
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.030	JP
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.0091	JP
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.034	JBP
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.021	JP
5103-74-2	gamma-Chlordane	0.0040	J
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW9R912

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-4

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39.3	U		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.9	B		P
7440-39-3	Barium	317			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	161000			P
7440-47-3	Chromium	1.5	B		P
7440-48-4	Cobalt	3.1	B		P
7440-50-8	Copper	1.2	B		P
7439-89-6	Iron	7170			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	22800			P
7439-96-5	Manganese	276			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.5	B		P
7440-09-7	Potassium	8810		E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	36600			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	2.5	B		P
7440-66-6	Zinc	0.50	U		P
	Cyanide	2.1	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW10C12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-15

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-15A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	180	
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	2	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	120	
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW10C12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-15

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-15A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW10C12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-15

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-15A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 60-29-7	ETHER	7.00	3600	NJ
2. 109-99-9	FURAN, TETRAHYDRO-	11.41	78	NJ
3. 123-91-1	1,4-DIOXANE	14.09	6	NJ
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW10C12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-15

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS120115A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW10C12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-15

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS120115A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW10C12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-15

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS120115A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.33	6	J
2.	TRICHLOROPROPENE	4.50	16	J
3.	UNKNOWN	4.60	10	J
4.	UNKNOWN	4.75	3	J
5.	UNKNOWN	5.68	19	J
6.	UNKNOWN	5.85	5	J
7.	UNKNOWN	6.56	26	J
8.	UNKNOWN	7.59	51	J
9.	UNKNOWN	7.71	68	J
10.	UNKNOWN	7.96	4	J
11.	UNKNOWN	8.15	6	J
12.	UNKNOWN	8.86	5	J
13.	UNKNOWN	8.94	12	J
14.	UNKNOWN	10.11	5	J
15.	UNKNOWN	10.19	8	J
16.	UNKNOWN	10.24	4	J
17.	UNKNOWN	10.44	13	J
18.	UNKNOWN	10.49	6	J
19.	UNKNOWN	10.93	4	J
20.	UNKNOWN	11.12	9	J
21.	UNKNOWN	11.37	8	J
22.	UNKNOWN	12.69	5	J
23. 98-73-7	BENZOIC ACID, P-TERT-BUTYL-	12.79	8	NJ
24.	UNKNOWN	15.95	4	J
25.	UNKNOWN	17.08	4	J
26.	UNKNOWN	17.90	10	J
27.	UNKNOWN	18.91	3	J
28.	UNKNOWN	19.38	10	J
29.	UNKNOWN	19.50	7	J
30.	UNKNOWN	20.73	4	J

FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW10C12

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-15

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.0034	JP
319-85-7	beta-BHC	0.013	JB
319-86-8	delta-BHC	0.0094	JP
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.0020	JBP
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.00096	JP
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW10C12

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-15

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39.3	U		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	353			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	105000			P
7440-47-3	Chromium	1.6	B		P
7440-48-4	Cobalt	1.0	B		P
7440-50-8	Copper	1.4	B		P
7439-89-6	Iron	8010			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	53600			P
7439-96-5	Manganese	48.9			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.8	B		P
7440-09-7	Potassium	3510	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	186000			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	0.50	U		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-10

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-10RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-10

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-10RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW2312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-10

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-10RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-10

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-10A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-10

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-10A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	3	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW2312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-10

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-10A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.34	2	J
2.	TRICHLOROPROPENE	4.50	3	J
3.	UNKNOWN	7.42	3	J
4.	UNKNOWN	8.69	3	J
5.	UNKNOWN	12.44	9	J
6.	UNKNOWN	12.68	5	J
7.	UNKNOWN	17.81	5	J
8. 301-02-0	9-OCTADECENAMIDE, (Z)-	21.73	11	NJ
9.	UNKNOWN	21.82	2	J
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2312

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-10

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.012	JB
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.0011	JBP
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.0012	JBP
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW2312

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-10

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	537			P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	135	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	97900			P
7440-47-3	Chromium	7.7	B		P
7440-48-4	Cobalt	1.5	B		P
7440-50-8	Copper	3.8	B		P
7439-89-6	Iron	9570			P
7439-92-1	Lead	1.3	B		P
7439-95-4	Magnesium	30200			P
7439-96-5	Manganese	383			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	6.6	B		P
7440-09-7	Potassium	1990	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	68400			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	2.8	B		P
7440-66-6	Zinc	6.4	B		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-12

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-12A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-12

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-12A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW2412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-12

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-12A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 60-29-7	ETHER	7.02	18	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-12

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS120112A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-12

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS120112A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW2412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-12

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS120112A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2412

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-12

Sample wt/vol: 1125 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.044	U
319-85-7	beta-BHC	0.0068	JBP
319-86-8	delta-BHC	0.044	U
58-89-9	gamma-BHC (Lindane)	0.044	U
76-44-8	Heptachlor	0.0032	JBP
309-00-2	Aldrin	0.044	U
1024-57-3	Heptachlor epoxide	0.0035	JBP
959-98-8	Endosulfan I	0.044	U
60-57-1	Dieldrin	0.089	U
72-55-9	4,4'-DDE	0.089	U
72-20-8	Endrin	0.089	U
33213-65-9	Endosulfan II	0.089	U
72-54-8	4,4'-DDD	0.089	U
1031-07-8	Endosulfan sulfate	0.089	U
50-29-3	4,4'-DDT	0.089	U
72-43-5	Methoxychlor	0.44	U
53494-70-5	Endrin ketone	0.089	U
7421-93-4	Endrin aldehyde	0.089	U
5103-71-9	alpha-Chlordane	0.044	U
5103-74-2	gamma-Chlordane	0.044	U
8001-35-2	Toxaphene	4.4	U
12674-11-2	Aroclor-1016	0.89	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.89	U
53469-21-9	Aroclor-1242	0.89	U
12672-29-6	Aroclor-1248	0.89	U
11097-69-1	Aroclor-1254	0.89	U
11096-82-5	Aroclor-1260	0.89	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW2412

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-12

Level (low/med): LOW__ Date Received: 03/31/00

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L____

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	44.3	B		P_
7440-36-0	Antimony_	2.6	U		P_
7440-38-2	Arsenic__	1.6	U		P_
7440-39-3	Barium___	210			P_
7440-41-7	Beryllium	0.10	U		P_
7440-43-9	Cadmium__	0.20	U		P_
7440-70-2	Calcium__	128000			P_
7440-47-3	Chromium_	1.5	B		P_
7440-48-4	Cobalt___	0.40	U		P_
7440-50-8	Copper___	0.71	B		P_
7439-89-6	Iron____	2440			P_
7439-92-1	Lead____	1.0	U		P_
7439-95-4	Magnesium	33000			P_
7439-96-5	Manganese	246			P_
7439-97-6	Mercury__	0.10	U		CV
7440-02-0	Nickel___	1.0	B		P_
7440-09-7	Potassium	1180	B	E	P_
7782-49-2	Selenium_	2.3	U		P_
7440-22-4	Silver___	0.60	U		P_
7440-23-5	Sodium___	107000			P_
7440-28-0	Thallium_	3.0	U		P_
7440-62-2	Vanadium_	0.50	U		P_
7440-66-6	Zinc____	0.50	U		P_
	Cyanide__	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-8

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-8B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	6	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	3	JB
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-8

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-8B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW2812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-8

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-8B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-8

Sample wt/vol: 1060 (g/mL) ML Lab File ID: GR12018RB70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/30/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/03/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-8

Sample wt/vol: 1060 (g/mL) ML Lab File ID: GR12018RB70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/30/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/03/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW2812

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-8

Sample wt/vol: 1060 (g/mL) ML Lab File ID: GR12018RB70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:03/30/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/03/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2812

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-8

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/29/00

Extraction: (Type) SEPF Date Extracted: 03/29/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.0022	JP
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW2812

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-8

Level (low/med): LOW Date Received: 03/29/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39.3	U		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	126	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	81800			P
7440-47-3	Chromium	2.4	B		P
7440-48-4	Cobalt	1.0	B		P
7440-50-8	Copper	1.7	B		P
7439-89-6	Iron	1930			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	40800			P
7439-96-5	Manganese	44.7			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.6	B		P
7440-09-7	Potassium	1680	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	20100			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	0.56	B		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-19

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-19A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	2	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-19

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-19A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW2912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-19

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-19A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-19

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120119B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-19

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120119B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	1	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW2912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-19

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120119B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	TRICHLOROPROPENE	4.49	2	J
2.	UNKNOWN	5.69	4	J
3.	UNKNOWN	5.86	2	J
4.	UNKNOWN	7.74	87	J
5.	UNKNOWN	7.89	2	J
6.	UNKNOWN	8.13	4	J
7.	UNKNOWN	8.74	3	J
8.	UNKNOWN	8.85	8	J
9.	UNKNOWN	8.92	14	J
10.	UNKNOWN	9.06	3	J
11.	UNKNOWN	10.14	6	J
12.	UNKNOWN	10.22	16	J
13.	UNKNOWN	10.27	5	J
14.	UNKNOWN	10.37	6	J
15.	UNKNOWN	10.43	4	J
16.	UNKNOWN	11.17	2	J
17.	UNKNOWN	11.39	6	J
18. 480-63-7	BENZOIC ACID, 2,4,6-TRIMETHY	11.96	7	NJ
19.	UNKNOWN	12.25	2	J
20.	UNKNOWN	12.61	3	J
21.	UNKNOWN	12.71	4	J
22. 98-73-7	BENZOIC ACID, P-TERT-BUTYL-	12.84	8	NJ
23.	UNKNOWN	14.28	2	J
24.	UNKNOWN	14.48	3	J
25.	UNKNOWN	17.20	2	J
26.	UNKNOWN	17.25	3	J
27.	UNKNOWN	17.34	2	J
28.	UNKNOWN CARBOXYLIC ACID	17.86	6	J
29.	UNKNOWN	18.54	2	J
30.	UNKNOWN AMIDE	21.76	9	J

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-19

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.0066	JBP
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912DL

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-19

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.23	U
319-85-7	beta-BHC	0.23	U
319-86-8	delta-BHC	0.23	U
58-89-9	gamma-BHC (Lindane)	0.23	U
76-44-8	Heptachlor	0.23	U
309-00-2	Aldrin	0.23	U
1024-57-3	Heptachlor epoxide	0.011	DJBP
959-98-8	Endosulfan I	0.23	U
60-57-1	Dieldrin	0.021	DJ
72-55-9	4,4'-DDE	0.45	U
72-20-8	Endrin	0.45	U
33213-65-9	Endosulfan II	0.45	U
72-54-8	4,4'-DDD	0.45	U
1031-07-8	Endosulfan sulfate	0.45	U
50-29-3	4,4'-DDT	0.45	U
72-43-5	Methoxychlor	2.3	U
53494-70-5	Endrin ketone	0.45	U
7421-93-4	Endrin aldehyde	0.45	U
5103-71-9	alpha-Chlordane	0.23	U
5103-74-2	gamma-Chlordane	0.23	U
8001-35-2	Toxaphene	23	U
12674-11-2	Aroclor-1016	4.5	U
11104-28-2	Aroclor-1221	9.1	U
11141-16-5	Aroclor-1232	4.5	U
53469-21-9	Aroclor-1242	4.5	U
12672-29-6	Aroclor-1248	4.5	U
11097-69-1	Aroclor-1254	4.5	U
11096-82-5	Aroclor-1260	4.5	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912MS

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: WG2095-5

Sample wt/vol: 1020 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.049	U
319-85-7	beta-BHC	0.049	U
319-86-8	delta-BHC	0.049	U
58-89-9	gamma-BHC (Lindane)	0.27	
76-44-8	Heptachlor	0.13	BP
309-00-2	Aldrin	0.23	
1024-57-3	Heptachlor epoxide	0.010	JBP
959-98-8	Endosulfan I	0.049	U
60-57-1	Dieldrin	0.53	
72-55-9	4,4'-DDE	0.098	U
72-20-8	Endrin	0.63	
33213-65-9	Endosulfan II	0.098	U
72-54-8	4,4'-DDD	0.098	U
1031-07-8	Endosulfan sulfate	0.098	U
50-29-3	4,4'-DDT	0.57	B
72-43-5	Methoxychlor	0.015	JBP
53494-70-5	Endrin ketone	0.015	JP
7421-93-4	Endrin aldehyde	0.0032	JP
5103-71-9	alpha-Chlordane	0.049	U
5103-74-2	gamma-Chlordane	0.049	U
8001-35-2	Toxaphene	4.9	U
12674-11-2	Aroclor-1016	0.98	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	0.98	U
53469-21-9	Aroclor-1242	0.98	U
12672-29-6	Aroclor-1248	0.98	U
11097-69-1	Aroclor-1254	0.98	U
11096-82-5	Aroclor-1260	0.98	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912MSD

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: WG2095-6

Sample wt/vol: 1030 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	UG/L	Q
319-84-6	alpha-BHC	0.0046	JBP
319-85-7	beta-BHC	0.048	U
319-86-8	delta-BHC	0.048	U
58-89-9	gamma-BHC (Lindane)	0.21	
76-44-8	Heptachlor	0.12	BP
309-00-2	Aldrin	0.20	
1024-57-3	Heptachlor epoxide	0.011	JBP
959-98-8	Endosulfan I	0.048	U
60-57-1	Dieldrin	0.40	
72-55-9	4,4'-DDE	0.097	U
72-20-8	Endrin	0.46	
33213-65-9	Endosulfan II	0.097	U
72-54-8	4,4'-DDD	0.097	U
1031-07-8	Endosulfan sulfate	0.097	U
50-29-3	4,4'-DDT	0.42	B
72-43-5	Methoxychlor	0.48	U
53494-70-5	Endrin ketone	0.020	JP
7421-93-4	Endrin aldehyde	0.014	JP
5103-71-9	alpha-Chlordane	0.048	U
5103-74-2	gamma-Chlordane	0.048	U
8001-35-2	Toxaphene	4.8	U
12674-11-2	Aroclor-1016	0.97	U
11104-28-2	Aroclor-1221	1.9	U
11141-16-5	Aroclor-1232	0.97	U
53469-21-9	Aroclor-1242	0.97	U
12672-29-6	Aroclor-1248	0.97	U
11097-69-1	Aroclor-1254	0.97	U
11096-82-5	Aroclor-1260	0.97	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-19

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	56.5	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	142	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	102000			P
7440-47-3	Chromium	2.2	B		P
7440-48-4	Cobalt	0.78	B		P
7440-50-8	Copper	0.83	B		P
7439-89-6	Iron	4990			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	51800			P
7439-96-5	Manganese	68.3			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	4.2	B		P
7440-09-7	Potassium	2720	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	83400			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	0.50	U		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912MS

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: WG2113-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: WG2113-4R2A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	43	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	45	
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912MS

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: WG2113-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: WG2113-4R2A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	46	
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	46	
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	45	
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912MSD

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: WG2113-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: WG2113-5RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	47	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	43	
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912MSD

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: WG2113-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: WG2113-5RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	41	
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	44	
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	43	
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912MS

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: WG2089-5

Sample wt/vol: 1125 (g/mL) ML Lab File ID: WG2089-5B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	62	
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	62	
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	45	
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	66	
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	40	

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912MS

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: WG2089-5

Sample wt/vol: 1125 (g/mL) ML Lab File ID: WG2089-5B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	67	
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	48	
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	89	E
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	50	
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	1	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912MSD

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: WG2098-6

Sample wt/vol: 1100 (g/mL) ML Lab File ID: WG2089-6A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	57	
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	59	
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	45	
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	70	
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	45	

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW2912MSD

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: WG2098-6

Sample wt/vol: 1100 (g/mL) ML Lab File ID: WG2089-6A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	87	E
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	54	
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	100	E
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	52	
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3012

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-22

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-22A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3012

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-22

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-22A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW3012

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-22

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-22A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3012

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-22

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120122B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3012

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-22

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120122B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	JB
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW3012

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-22

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120122B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.40	2	J
2.	UNKNOWN	4.57	7	J
3.	UNKNOWN	4.65	4	J
4.	UNKNOWN	7.22	3	J
5.	UNKNOWN	7.85	75	J
6.	UNKNOWN	8.83	2	J
7.	UNKNOWN	10.35	2	J
8.	UNKNOWN	11.39	2	J
9.	UNKNOWN	12.71	2	J
10. 10544-50-0	SULFUR, MOL. (S8)	18.47	4	NJ
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3012

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-22

Sample wt/vol: 1040 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.0027	JBP
319-85-7	beta-BHC	0.048	U
319-86-8	delta-BHC	0.0054	JP
58-89-9	gamma-BHC (Lindane)	0.048	U
76-44-8	Heptachlor	0.048	U
309-00-2	Aldrin	0.0061	JP
1024-57-3	Heptachlor epoxide	0.0057	JBP
959-98-8	Endosulfan I	0.0034	JB
60-57-1	Dieldrin	0.0016	J
72-55-9	4,4'-DDE	0.096	U
72-20-8	Endrin	0.00095	JP
33213-65-9	Endosulfan II	0.096	U
72-54-8	4,4'-DDD	0.096	U
1031-07-8	Endosulfan sulfate	0.096	U
50-29-3	4,4'-DDT	0.096	U
72-43-5	Methoxychlor	0.48	U
53494-70-5	Endrin ketone	0.0077	JP
7421-93-4	Endrin aldehyde	0.096	U
5103-71-9	alpha-Chlordane	0.048	U
5103-74-2	gamma-Chlordane	0.048	U
8001-35-2	Toxaphene	4.8	U
12674-11-2	Aroclor-1016	0.96	U
11104-28-2	Aroclor-1221	1.9	U
11141-16-5	Aroclor-1232	0.96	U
53469-21-9	Aroclor-1242	0.96	U
12672-29-6	Aroclor-1248	0.96	U
11097-69-1	Aroclor-1254	0.96	U
11096-82-5	Aroclor-1260	0.96	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3012DL

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-22

Sample wt/vol: 1040 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.48	U
319-85-7	beta-BHC	0.48	U
319-86-8	delta-BHC	0.48	U
58-89-9	gamma-BHC (Lindane)	0.48	U
76-44-8	Heptachlor	0.48	U
309-00-2	Aldrin	0.48	U
1024-57-3	Heptachlor epoxide	0.48	U
959-98-8	Endosulfan I	0.48	U
60-57-1	Dieldrin	0.047	D
72-55-9	4,4'-DDE	0.96	U
72-20-8	Endrin	0.96	U
33213-65-9	Endosulfan II	0.96	U
72-54-8	4,4'-DDD	0.96	U
1031-07-8	Endosulfan sulfate	0.96	U
50-29-3	4,4'-DDT	0.96	U
72-43-5	Methoxychlor	4.8	U
53494-70-5	Endrin ketone	0.96	U
7421-93-4	Endrin aldehyde	0.96	U
5103-71-9	alpha-Chlordane	0.48	U
5103-74-2	gamma-Chlordane	0.48	U
8001-35-2	Toxaphene	48	U
12674-11-2	Aroclor-1016	9.6	U
11104-28-2	Aroclor-1221	19	U
11141-16-5	Aroclor-1232	9.6	U
53469-21-9	Aroclor-1242	9.6	U
12672-29-6	Aroclor-1248	9.6	U
11097-69-1	Aroclor-1254	9.6	U
11096-82-5	Aroclor-1260	9.6	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW3012

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-22

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	141	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	287			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	101000			P
7440-47-3	Chromium	6.1	B		P
7440-48-4	Cobalt	4.8	B		P
7440-50-8	Copper	4.1	B		P
7439-89-6	Iron	5480			P
7439-92-1	Lead	1.0	B		P
7439-95-4	Magnesium	54700			P
7439-96-5	Manganese	48.8			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.6	B		P
7440-09-7	Potassium	2670	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	54000			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	2.3	B		P
	Cyanide	1.2	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-16

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-16RB59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-16

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-16RB59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW3112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-16

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-16RB59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-16

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS120116B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-16

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS120116B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	0.9	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW3112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-16

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS120116B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.41	3	J
2.	UNKNOWN	7.43	2	J
3.	UNKNOWN	12.94	33	J
4.	SULFUR	18.40	5	J
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3112

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-16

Sample wt/vol: 1125 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.0011	JP
319-85-7	beta-BHC	0.0040	JBP
319-86-8	delta-BHC	0.044	U
58-89-9	gamma-BHC (Lindane)	0.044	U
76-44-8	Heptachlor	0.044	U
309-00-2	Aldrin	0.044	U
1024-57-3	Heptachlor epoxide	0.0025	JBP
959-98-8	Endosulfan I	0.044	U
60-57-1	Dieldrin	0.089	U
72-55-9	4,4'-DDE	0.089	U
72-20-8	Endrin	0.089	U
33213-65-9	Endosulfan II	0.089	U
72-54-8	4,4'-DDD	0.089	U
1031-07-8	Endosulfan sulfate	0.089	U
50-29-3	4,4'-DDT	0.089	U
72-43-5	Methoxychlor	0.44	U
53494-70-5	Endrin ketone	0.089	U
7421-93-4	Endrin aldehyde	0.089	U
5103-71-9	alpha-Chlordane	0.044	U
5103-74-2	gamma-Chlordane	0.044	U
8001-35-2	Toxaphene	4.4	U
12674-11-2	Aroclor-1016	0.89	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.89	U
53469-21-9	Aroclor-1242	0.89	U
12672-29-6	Aroclor-1248	0.89	U
11097-69-1	Aroclor-1254	0.89	U
11096-82-5	Aroclor-1260	0.89	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW3112

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-16

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	64.9	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	3.5	B		P
7440-39-3	Barium	280			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	89700			P
7440-47-3	Chromium	5.8	B		P
7440-48-4	Cobalt	0.40	U		P
7440-50-8	Copper	2.6	B		P
7439-89-6	Iron	2850			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	37100			P
7439-96-5	Manganese	79.8			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	11.1	B		P
7440-09-7	Potassium	1590	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	21200			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	1.3	B		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-17

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-17A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	9	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-17

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-17A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW3212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-17

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-17A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-17

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS120117B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	36	
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-17

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS120117B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW3212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-17

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS120117B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3212

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-17

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.0027	JBP
319-86-8	delta-BHC	0.00086	JP
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.0015	JBP
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW3212

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-17

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	130	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	263			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	80700			P
7440-47-3	Chromium	4.8	B		P
7440-48-4	Cobalt	0.40	U		P
7440-50-8	Copper	2.2	B		P
7439-89-6	Iron	3460			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	55000			P
7439-96-5	Manganese	32.3			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	4.1	B		P
7440-09-7	Potassium	3700	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	37100			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	1.8	B		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-23

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-23A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	6	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-23

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-23A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW3312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-23

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-23A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 109-87-5	METHANE, DIMETHOXY-	7.68	22	NJ
2.	UNKNOWN ALCOHOL	8.80	13	J
3. 646-06-0	1,3-DIOXOLANE	11.10	17	NJ
4. 109-99-9	FURAN, TETRAHYDRO-	11.44	140	NJ
5. 123-91-1	1,4-DIOXANE	14.11	14	NJ
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-23

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120123B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	5	J
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	6	J
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-23

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120123B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	1	JB
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW3312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-23

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120123B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.56	4	J
2.	UNKNOWN	4.81	11	J
3.	UNKNOWN	4.92	4	J
4.	UNKNOWN	5.73	22	J
5.	UNKNOWN	5.79	17	J
6.	UNKNOWN	5.95	13	J
7.	UNKNOWN	6.86	4	J
8.	UNKNOWN	7.86	71	J
9.	UNKNOWN	8.13	92	J
10.	UNKNOWN	8.19	3	J
11.	UNKNOWN	8.85	5	J
12.	UNKNOWN	9.11	5	J
13.	UNKNOWN	9.24	6	J
14.	UNKNOWN	10.20	6	J
15.	UNKNOWN	10.29	7	J
16.	UNKNOWN	10.34	4	J
17.	UNKNOWN	10.46	6	J
18.	UNKNOWN	10.51	7	J
19.	UNKNOWN	10.76	4	J
20.	UNKNOWN	11.22	10	J
21.	UNKNOWN	11.54	25	J
22.	UNKNOWN	12.84	14	J
23.	UNKNOWN	12.99	13	J
24.	UNKNOWN	13.04	9	J
25. 101-10-0	PROPANOIC ACID, 2-(3-CHLOROP	14.16	18	NJ
26.	UNKNOWN	14.67	6	J
27.	UNKNOWN	16.47	5	J
28.	UNKNOWN	18.03	5	J
29.	UNKNOWN	21.44	5	J
30.	UNKNOWN	22.12	8	J

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3312

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-23

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.0044	JBP
319-85-7	beta-BHC	0.021	JBP
319-86-8	delta-BHC	0.011	JP
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.0068	JBP
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.0019	JP
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.00098	JBP
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3312DL

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-23

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.23	U
319-85-7	beta-BHC	0.013	DJBP
319-86-8	delta-BHC	0.0082	DJP
58-89-9	gamma-BHC (Lindane)	0.23	U
76-44-8	Heptachlor	0.23	U
309-00-2	Aldrin	0.23	U
1024-57-3	Heptachlor epoxide	0.0090	DJBP
959-98-8	Endosulfan I	0.23	U
60-57-1	Dieldrin	0.023	DJ
72-55-9	4,4'-DDE	0.0050	DJB
72-20-8	Endrin	0.45	U
33213-65-9	Endosulfan II	0.45	U
72-54-8	4,4'-DDD	0.45	U
1031-07-8	Endosulfan sulfate	0.45	U
50-29-3	4,4'-DDT	0.0078	DJP
72-43-5	Methoxychlor	2.3	U
53494-70-5	Endrin ketone	0.45	U
7421-93-4	Endrin aldehyde	0.45	U
5103-71-9	alpha-Chlordane	0.23	U
5103-74-2	gamma-Chlordane	0.23	U
8001-35-2	Toxaphene	23	U
12674-11-2	Aroclor-1016	4.5	U
11104-28-2	Aroclor-1221	9.1	U
11141-16-5	Aroclor-1232	4.5	U
53469-21-9	Aroclor-1242	4.5	U
12672-29-6	Aroclor-1248	4.5	U
11097-69-1	Aroclor-1254	4.5	U
11096-82-5	Aroclor-1260	4.5	U

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW3312

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-23

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	58.2	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	19.2			P
7440-39-3	Barium	1150			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	253000			P
7440-47-3	Chromium	5.1	B		P
7440-48-4	Cobalt	3.3	B		P
7440-50-8	Copper	1.8	B		P
7439-89-6	Iron	24700			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	59500			P
7439-96-5	Manganese	86.6			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	7.7	B		P
7440-09-7	Potassium	11900		E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	191000			P
7440-28-0	Thallium	3.1	B		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	3.9	B		P
	Cyanide	14.2			CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW3412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-5A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
71-55-6	1,1,1-Trichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW3412

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-5A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW3412

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: T1201

Matrix (soil/water): WATER Lab Sample ID: T1201-5

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.6	U		P
7439-92-1	Lead	1.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5012

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-3

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-3B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	1	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	2	JB
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5012

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-3

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-3B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW5012

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-3

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-3B55

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: not dec. _____ Date Analyzed: 04/06/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5012

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-3

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR1201-3A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/31/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5012

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-3

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR1201-3A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/31/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW5012

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-3

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR1201-3A70

Level: (low/med) LOW Date Received: 03/29/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:03/29/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/31/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.44	4	J
2.	UNKNOWN	4.54	6	J
3.	TRICHLOROPROPENE	4.59	2	J
4.	UNKNOWN	7.64	31	J
5.	UNKNOWN	11.42	2	J
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5012

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-3

Sample wt/vol: 1075 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/29/00

Extraction: (Type) SEPF Date Extracted: 03/29/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.046	U
319-85-7	beta-BHC	0.046	U
319-86-8	delta-BHC	0.046	U
58-89-9	gamma-BHC (Lindane)	0.046	U
76-44-8	Heptachlor	0.046	U
309-00-2	Aldrin	0.046	U
1024-57-3	Heptachlor epoxide	0.046	U
959-98-8	Endosulfan I	0.046	U
60-57-1	Dieldrin	0.093	U
72-55-9	4,4'-DDE	0.093	U
72-20-8	Endrin	0.093	U
33213-65-9	Endosulfan II	0.093	U
72-54-8	4,4'-DDD	0.093	U
1031-07-8	Endosulfan sulfate	0.093	U
50-29-3	4,4'-DDT	0.093	U
72-43-5	Methoxychlor	0.46	U
53494-70-5	Endrin ketone	0.093	U
7421-93-4	Endrin aldehyde	0.093	U
5103-71-9	alpha-Chlordane	0.046	U
5103-74-2	gamma-Chlordane	0.046	U
8001-35-2	Toxaphene	4.6	U
12674-11-2	Aroclor-1016	0.93	U
11104-28-2	Aroclor-1221	1.9	U
11141-16-5	Aroclor-1232	0.93	U
53469-21-9	Aroclor-1242	0.93	U
12672-29-6	Aroclor-1248	0.93	U
11097-69-1	Aroclor-1254	0.93	U
11096-82-5	Aroclor-1260	0.93	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW5012

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-3

Level (low/med): LOW Date Received: 03/29/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2510			P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	181	B		P
7440-41-7	Beryllium	0.11	B		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	123000			P
7440-47-3	Chromium	9.6	B		P
7440-48-4	Cobalt	1.8	B		P
7440-50-8	Copper	4.8	B		P
7439-89-6	Iron	5710			P
7439-92-1	Lead	1.1	B		P
7439-95-4	Magnesium	58700			P
7439-96-5	Manganese	109			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	9.6	B		P
7440-09-7	Potassium	6220		E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	190000			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	4.7	B		P
7440-66-6	Zinc	6.1	B		P
	Cyanide	0.90	U		CA

Color Before: BROWN Clarity Before: CLOUDY Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-20

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-20RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	4	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-20

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-20RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW5112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-20

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: R1201-20RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 5

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 60-29-7	ETHER	7.02	8800	NJ
2. 109-87-5	METHANE, DIMETHOXY-	7.68	16	NJ
3.	UNKNOWN ALCOHOL	8.80	15	J
4. 109-99-9	FURAN, TETRAHYDRO-	11.44	62	NJ
5. 123-91-1	1,4-DIOXANE	14.11	6	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-20

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120120B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-20

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120120B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW5112

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-20

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GR120120B70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 30

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.39	4	J
2.	UNKNOWN	4.56	4	J
3.	UNKNOWN	4.80	17	J
4.	UNKNOWN	4.91	3	J
5.	UNKNOWN	5.78	6	J
6.	UNKNOWN	6.87	4	J
7.	UNKNOWN	7.85	67	J
8.	UNKNOWN	7.94	31	J
9.	UNKNOWN	8.16	5	J
10.	UNKNOWN	8.73	4	J
11.	UNKNOWN	8.84	3	J
12.	UNKNOWN	9.04	5	J
13.	UNKNOWN	9.51	6	J
14.	UNKNOWN	9.73	9	J
15.	UNKNOWN	9.83	19	J
16.	UNKNOWN	10.32	5	J
17.	UNKNOWN	10.46	8	J
18.	UNKNOWN	10.54	3	J
19.	UNKNOWN	11.50	21	J
20.	UNKNOWN	12.10	13	J
21.	UNKNOWN	12.91	5	J
22.	UNKNOWN	13.14	8	J
23.	UNKNOWN	13.77	5	J
24.	UNKNOWN	14.09	6	J
25.	UNKNOWN	14.17	7	J
26.	UNKNOWN	14.28	10	J
27.	UNKNOWN	14.92	3	J
28.	UNKNOWN	17.12	8	J
29.	UNKNOWN	17.18	9	J
30.	UNKNOWN	17.25	3	J

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5112

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R1201

Matrix: (soil/water) WATER Lab Sample ID: R1201-20

Sample wt/vol: 1075 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.0077	JBP
319-85-7	beta-BHC	0.046	U
319-86-8	delta-BHC	0.014	J
58-89-9	gamma-BHC (Lindane)	0.046	U
76-44-8	Heptachlor	0.046	U
309-00-2	Aldrin	0.046	U
1024-57-3	Heptachlor epoxide	0.0039	JBP
959-98-8	Endosulfan I	0.046	U
60-57-1	Dieldrin	0.0019	J
72-55-9	4,4'-DDE	0.093	U
72-20-8	Endrin	0.093	U
33213-65-9	Endosulfan II	0.093	U
72-54-8	4,4'-DDD	0.093	U
1031-07-8	Endosulfan sulfate	0.093	U
50-29-3	4,4'-DDT	0.093	U
72-43-5	Methoxychlor	0.46	U
53494-70-5	Endrin ketone	0.093	U
7421-93-4	Endrin aldehyde	0.093	U
5103-71-9	alpha-Chlordane	0.046	U
5103-74-2	gamma-Chlordane	0.046	U
8001-35-2	Toxaphene	4.6	U
12674-11-2	Aroclor-1016	0.93	U
11104-28-2	Aroclor-1221	1.9	U
11141-16-5	Aroclor-1232	0.93	U
53469-21-9	Aroclor-1242	0.93	U
12672-29-6	Aroclor-1248	0.93	U
11097-69-1	Aroclor-1254	0.93	U
11096-82-5	Aroclor-1260	0.93	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW5112

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R1201_

Matrix (soil/water): WATER Lab Sample ID: R1201-20

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	284			P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	438			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	142000			P
7440-47-3	Chromium	5.3	B		P
7440-48-4	Cobalt	1.2	B		P
7440-50-8	Copper	2.4	B		P
7439-89-6	Iron	9040			P
7439-92-1	Lead	1.0	B		P
7439-95-4	Magnesium	67000			P
7439-96-5	Manganese	89.7			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.3	B		P
7440-09-7	Potassium	2770	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	98900			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.55	B		P
7440-66-6	Zinc	1.7	B		P
	Cyanide	9.0	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-7

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-7A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	1	J
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-7

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-7A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW5212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-7

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-7A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 60-29-7	ETHER	7.00	9000	NJ
2.	UNKNOWN	8.78	6	J
3. 109-99-9	FURAN, TETRAHYDRO-	11.43	51	NJ
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-7

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-7A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-7

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-7A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	3	J
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	JB
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW5212

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-7

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-7A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/06/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.34	3	J
2.	TRICHLOROPROPENE	4.51	8	J
3.	UNKNOWN	4.60	5	J
4.	UNKNOWN	5.69	9	J
5.	UNKNOWN	5.86	5	J
6.	UNKNOWN	6.05	57	J
7.	UNKNOWN	7.18	5	J
8.	UNKNOWN	7.42	8	J
9.	UNKNOWN	7.55	27	J
10.	UNKNOWN	7.62	35	J
11.	UNKNOWN	7.67	15	J
12.	UNKNOWN	7.81	5	J
13.	UNKNOWN	7.87	3	J
14.	UNKNOWN	9.61	3	J
15.	UNKNOWN	10.17	3	J
16.	UNKNOWN	10.26	5	J
17.	UNKNOWN	10.29	8	J
18. 632-46-2	BENZOIC ACID, 2,6-DIMETHYL-	10.64	2	NJ
19.	UNKNOWN	11.25	8	J
20.	UNKNOWN	11.37	6	J
21.	UNKNOWN	11.88	4	J
22.	UNKNOWN	11.93	8	J
23.	UNKNOWN	12.17	4	J
24.	UNKNOWN	12.23	4	J
25.	UNKNOWN	14.16	4	J
26.	UNKNOWN	14.99	3	J
27.	UNKNOWN	17.12	4	J
28.	UNKNOWN	17.76	2	J
29. 57-10-3	HEXADECANOIC ACID	17.86	5	NJ
30.	UNKNOWN	18.03	3	J

FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5212

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-7

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.015	JBP
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.00086	JP
1024-57-3	Heptachlor epoxide	0.0095	JBP
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.0046	JBP
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.0025	JP
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW5212

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201

Matrix (soil/water): WATER Lab Sample ID: S1201-7

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	319			P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	2.9	B		P
7440-39-3	Barium	307			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	115000			P
7440-47-3	Chromium	2.2	B		P
7440-48-4	Cobalt	0.87	B		P
7440-50-8	Copper	1.6	B		P
7439-89-6	Iron	4970			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	45500			P
7439-96-5	Manganese	159			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.8	B		P
7440-09-7	Potassium	2200	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	146000			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.88	B		P
7440-66-6	Zinc	1.6	B		P
	Cyanide	1.1	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-8

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-8A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	4	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	4	J
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-8

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-8A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	1	J
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW5312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-8

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-8A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/10/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 6

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 60-29-7	ETHER	7.02	43	NJ
2. 109-87-5	METHANE, DIMETHOXY-	7.66	41	NJ
3.	UNKNOWN	8.78	24	J
4. 646-06-0	1,3-DIOXOLANE	11.08	9	NJ
5. 109-99-9	FURAN, TETRAHYDRO-	11.43	27	NJ
6. 123-91-1	1,4-DIOXANE	14.09	19	NJ
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5312

b Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-8

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-8A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	7	J
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-8

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-8A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW5312

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-8

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS1201-8A70

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/03/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/05/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	TRICHLOROPROPENE	4.50	13	J
2.	UNKNOWN	4.87	59	J
3.	UNKNOWN	4.97	32	J
4.	UNKNOWN	5.02	11	J
5.	UNKNOWN	5.66	18	J
6.	UNKNOWN	5.75	17	J
7.	UNKNOWN	5.88	16	J
8.	UNKNOWN	6.83	31	J
9.	UNKNOWN	7.00	8	J
10.	UNKNOWN	7.79	20	J
11.	UNKNOWN	8.08	340	J
12.	UNKNOWN	8.32	13	J
13.	UNKNOWN	9.08	33	J
14.	UNKNOWN	10.31	6	J
15. 85-44-9	PHTHALIC ANHYDRIDE	10.41	18	NJ
16.	UNKNOWN	10.95	6	J
17.	UNKNOWN	11.16	11	J
18.	UNKNOWN	11.46	34	J
19. 480-63-7	BENZOIC ACID, 2,4,6-TRIMETHY	11.98	10	NJ
20.	UNKNOWN	12.76	21	J
21.	UNKNOWN	12.90	9	J
22.	UNKNOWN	12.93	7	J
23. 101-10-0	PROPANOIC ACID, 2-(3-CHLOROP	14.10	44	NJ
24.	UNKNOWN	14.60	6	J
25.	UNKNOWN	15.96	6	J
26.	UNKNOWN	17.61	9	J
27.	UNKNOWN	17.87	6	J
28.	UNKNOWN	18.03	27	J
29. 10544-50-0	SULFUR, MOL. (S8)	18.41	7	NJ
30.	UNKNOWN	19.44	8	J

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5312

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-8

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/31/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/04/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.012	JBP
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.0024	JP
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.010	JBP
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW5312

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-8

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	159	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	4.7	B		P
7440-39-3	Barium	1530			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.29	B		P
7440-70-2	Calcium	269000			P
7440-47-3	Chromium	2.7	B		P
7440-48-4	Cobalt	2.6	B		P
7440-50-8	Copper	3.0	B		P
7439-89-6	Iron	26900			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	96800			P
7439-96-5	Manganese	91.2			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	9.3	B		P
7440-09-7	Potassium	21100		E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	351000			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	1.0	B		P
7440-66-6	Zinc	2.5	B		P
	Cyanide	2.4	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW54R12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-20

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-20B59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW54R12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-20

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-20B59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW54R1

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-20

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1201-20B59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/11/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW54R12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-20

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS120120B70

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW54R12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-20

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS120120B70

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW54R12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-20

Sample wt/vol: 1100 (g/mL) ML Lab File ID: GS120120B70

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 04/04/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 24

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.35	2	J
2.	TRICHLORPROPENE	4.50	9	J
3.	UNKNOWN	4.73	13	J
4.	UNKNOWN	6.22	7	J
5.	UNKNOWN	6.34	2	J
6.	UNKNOWN	6.81	5	J
7.	UNKNOWN	7.18	2	J
8.	UNKNOWN	7.81	120	J
9.	UNKNOWN	8.50	2	J
10.	UNKNOWN	8.84	2	J
11.	UNKNOWN	8.96	6	J
12.	UNKNOWN	9.04	2	J
13. 85-44-9	PHTHALIC ANHYDRIDE	10.41	5	NJ
14.	UNKNOWN	10.45	3	J
15. 632-46-2	BENZOIC ACID, 2,6-DIMETHYL-	10.67	3	NJ
16.	UNKNOWN	11.39	6	J
17.	UNKNOWN	11.53	3	J
18.	UNKNOWN	11.95	4	J
19.	UNKNOWN	12.88	10	J
20.	UNKNOWN	12.96	47	J
21.	UNKNOWN	13.34	3	J
22.	UNKNOWN	14.08	2	J
23.	UNKNOWN AMIDE	21.77	14	J
24.	UNKNOWN AMIDE	21.83	2	J
25.				
26.				
27.				
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30.				

FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW54R12

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: S1201-20

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/01/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.0052	JBP
959-98-8	Endosulfan I	0.0012	JBP
60-57-1	Dieldrin	0.0015	J
72-55-9	4,4'-DDE	0.00087	JBP
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.0098	JP
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

GWMW54R12

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: S1201_

Matrix (soil/water): WATER Lab Sample ID: S1201-20

Level (low/med): LOW Date Received: 04/01/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	49.6	B		P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	192	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	108000			P
7440-47-3	Chromium	0.80	B		P
7440-48-4	Cobalt	0.70	B		P
7440-50-8	Copper	0.68	B		P
7439-89-6	Iron	3250			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	47500			P
7439-96-5	Manganese	57.3			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.4	B		P
7440-09-7	Potassium	1720	B	E	P
7782-49-2	Selenium	2.3	U		P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	28600			P
7440-28-0	Thallium	4.1	B		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	2.1	B		P
	Cyanide	0.90	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW54R12M

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: WG2114-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: WG2114-4B59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	47	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	47	
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW54R12MS

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: WG2114-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: WG2114-4B59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	46	
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	46	
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	47	
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW54R12M

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: WG2114-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: WG2114-5B59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	46	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	46	
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW54R12MSD

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: WG2114-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: WG2114-5B59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	44	
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	46	
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	46	
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW54R12MS

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: WG2089-3

Sample wt/vol: 1100 (g/mL) ML Lab File ID: WG20893RB64

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/11/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/12/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	48	
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	56	
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	42	
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	57	
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	38	

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW54R12MS

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: WG2089-3

Sample wt/vol: 1100 (g/mL) ML Lab File ID: WG20893RB64

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/11/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/12/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	58	
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	39	
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	74	E
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	44	
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	4	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW54R12MSD

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: WG2089-4

Sample wt/vol: 1100 (g/mL) ML Lab File ID: WG20894RB64

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/11/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/12/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	52	
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	56	
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	41	
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	58	
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	41	

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW54R12MSD

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: WG2089-4

Sample wt/vol: 1100 (g/mL) ML Lab File ID: WG20894RB64

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/11/00

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/12/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	60	
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	45	
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	75	E
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	44	
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW54R12M

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: WG2095-3

Sample wt/vol: 1030 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/01/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/07/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.048	U
319-85-7	beta-BHC	0.0037	JBP
319-86-8	delta-BHC	0.048	U
58-89-9	gamma-BHC (Lindane)	0.19	
76-44-8	Heptachlor	0.20	B
309-00-2	Aldrin	0.18	
1024-57-3	Heptachlor epoxide	0.011	JBP
959-98-8	Endosulfan I	0.048	U
60-57-1	Dieldrin	0.39	
72-55-9	4,4'-DDE	0.0038	JBP
72-20-8	Endrin	0.43	
33213-65-9	Endosulfan II	0.097	U
72-54-8	4,4'-DDD	0.097	U
1031-07-8	Endosulfan sulfate	0.097	U
50-29-3	4,4'-DDT	0.37	B
72-43-5	Methoxychlor	0.013	JBP
53494-70-5	Endrin ketone	0.015	J
7421-93-4	Endrin aldehyde	0.0080	JP
5103-71-9	alpha-Chlordane	0.048	U
5103-74-2	gamma-Chlordane	0.048	U
8001-35-2	Toxaphene	4.8	U
12674-11-2	Aroclor-1016	0.97	U
11104-28-2	Aroclor-1221	1.9	U
11141-16-5	Aroclor-1232	0.97	U
53469-21-9	Aroclor-1242	0.97	U
12672-29-6	Aroclor-1248	0.97	U
11097-69-1	Aroclor-1254	0.97	U
11096-82-5	Aroclor-1260	0.97	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW54R12MSD

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: S1201

Matrix: (soil/water) WATER Lab Sample ID: WG2095-4

Sample wt/vol: 1030 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/01/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/07/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.048	U
319-85-7	beta-BHC	0.048	U
319-86-8	delta-BHC	0.048	U
58-89-9	gamma-BHC (Lindane)	0.26	
76-44-8	Heptachlor	0.23	B
309-00-2	Aldrin	0.27	
1024-57-3	Heptachlor epoxide	0.0019	JBP
959-98-8	Endosulfan I	0.048	U
60-57-1	Dieldrin	0.52	
72-55-9	4,4'-DDE	0.097	U
72-20-8	Endrin	0.60	
33213-65-9	Endosulfan II	0.097	U
72-54-8	4,4'-DDD	0.0014	JP
1031-07-8	Endosulfan sulfate	0.097	U
50-29-3	4,4'-DDT	0.51	B
72-43-5	Methoxychlor	0.018	JBP
53494-70-5	Endrin ketone	0.015	JP
7421-93-4	Endrin aldehyde	0.014	JP
5103-71-9	alpha-Chlordane	0.048	U
5103-74-2	gamma-Chlordane	0.048	U
8001-35-2	Toxaphene	4.8	U
12674-11-2	Aroclor-1016	0.97	U
11104-28-2	Aroclor-1221	1.9	U
11141-16-5	Aroclor-1232	0.97	U
53469-21-9	Aroclor-1242	0.97	U
12672-29-6	Aroclor-1248	0.97	U
11097-69-1	Aroclor-1254	0.97	U
11096-82-5	Aroclor-1260	0.97	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-1A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-1A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW5512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-1A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
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16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5512MS

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: WG1216-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: WG1216-4A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	23	
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5512M

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: WG1216-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: WG1216-4A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	23	
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	23	
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	23	
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5512MSD

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: WG1216-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: WG1216-5A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	22	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	22	
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5512MSD

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: WG1216-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: WG1216-5A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	20	
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	22	
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	22	
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-1

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: U1201-1A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-1

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: U1201-1A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWMW5512

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-1

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: U1201-1A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	TRICHLOROPROPENE	8.24	4	J
2.	UNKNOWN	9.74	3	J
3.	UNKNOWN	9.86	13	J
4.	UNKNOWN AMIDE	19.96	15	J
5.				
6.				
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FORM I SV-TIC OLM04.2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5512MS

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: WG2129-3

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: G21293J2A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	30	
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	31	
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	22	
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	32	
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	18	

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5512MS

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: WG2129-3

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: G21293J2A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	29	
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	22	
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	36	
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	29	
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5512MSD

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: WG2129-4

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: G21294J2A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	26	
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	27	
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	21	
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	30	
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	17	

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5512MSD

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: WG2129-4

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: G21294J2A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	29	
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	23	
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	42	
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	23	
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWMW5512

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-1

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/01/00

Extraction: (Type) SEPF Date Extracted: 04/01/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.045	U
319-85-7	beta-BHC	0.045	U
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.025	JBP
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.013	JBP
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.00082	JP
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.013	JP
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWMW5512

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: U1201_

Matrix (soil/water): WATER Lab Sample ID: U1201-1

Level (low/med): LOW Date Received: 04/01/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	279			P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	275			P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	78000			P
7440-47-3	Chromium	1.9	B		P
7440-48-4	Cobalt	0.60	B		P
7440-50-8	Copper	2.0	B		P
7439-89-6	Iron	618			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	55000			P
7439-96-5	Manganese	86.1			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.8	B		P
7440-09-7	Potassium	4210	B	E	P
7782-49-2	Selenium	2.3	U	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	42900			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.76	B		P
7440-66-6	Zinc	2.0	B		P
	Cyanide	1.3	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWM4D12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-2

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-2RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
71-55-6	1,1,1-Trichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWM4D12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: T1201-2

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T1201-2RA59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWM4D12MS

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: WG2115-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: WG2115-4A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	47	
156-60-5	trans-1,2-Dichloroethene	10	U
71-55-6	1,1,1-Trichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
79-01-6	Trichloroethene	41	
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	42	
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	44	
108-90-7	Chlorobenzene	43	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWM4D12MSD

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: T1201

Matrix: (soil/water) WATER Lab Sample ID: WG2115-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: WG2115-5A59

Level: (low/med) LOW Date Received: 03/31/00

% Moisture: not dec. _____ Date Analyzed: 04/07/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-35-4	1,1-Dichloroethene	44	
156-60-5	trans-1,2-Dichloroethene	10	U
71-55-6	1,1,1-Trichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
79-01-6	Trichloroethene	40	
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	42	
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	42	
108-90-7	Chlorobenzene	42	

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ACSGWM4D12

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: T1201

Matrix (soil/water): WATER Lab Sample ID: T1201-2

Level (low/med): LOW Date Received: 03/31/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.6	U		P
7439-92-1	Lead	1.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWATMW4D12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-4A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	34	
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	12	
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWATMW4D12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-4A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWATMW4D12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-4

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-4A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 60-29-7	ETHER	6.99	42	NJ
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWATMW4D12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-4

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: U1201-4A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	2	J
111-44-4	bis(2-Chloroethyl)ether	15	
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1	J
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWATMW4D12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-4

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: U1201-4A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWATMW4D12

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-4

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: U1201-4A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	8.97	6	J
2.	UNKNOWN	9.71	35	J
3.	UNKNOWN	9.92	73	J
4.	UNKNOWN	9.95	15	J
5.	UNKNOWN	10.09	4	J
6.	UNKNOWN CARBOXYLIC ACID	10.34	5	J
7.	UNKNOWN	10.92	9	J
8.	UNKNOWN	11.10	6	J
9.	UNKNOWN	11.96	13	J
10.	UNKNOWN	12.15	6	J
11.	UNKNOWN	12.22	5	J
12.	UNKNOWN	12.76	110	J
13.	UNKNOWN	13.15	440	J
14. 480-63-7	BENZOIC ACID, 2,4,6-TRIMETHY	13.23	13	NJ
15. 98-73-7	BENZOIC ACID, P-TERT-BUTYL-	13.93	36	NJ
16.	SULFUR	14.59	6	J
17. 101-10-0	PROPANOIC ACID, 2-(3-CHLOROP	14.62	8	NJ
18.	UNKNOWN	14.70	5	J
19.	UNKNOWN	14.89	6	J
20.	UNKNOWN	15.86	4	J
21.	UNKNOWN	16.80	6	J
22.	UNKNOWN	16.90	4	J
23.	UNKNOWN AMIDE	16.94	5	J
24.	UNKNOWN	17.29	5	J
25. 50-06-6	PHENOBARBITAL	17.83	38	NJ
26.	UNKNOWN AMIDE	18.65	7	J
27.	UNKNOWN	18.70	5	J
28.	UNKNOWN AMIDE	18.77	5	J
29.	UNKNOWN AMIDE	19.98	20	J
30.	UNKNOWN	20.17	8	J

FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWATMW4D12

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-4

Sample wt/vol: 1050 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/01/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.048	U
319-85-7	beta-BHC	0.025	JB
319-86-8	delta-BHC	0.048	U
58-89-9	gamma-BHC (Lindane)	0.048	U
76-44-8	Heptachlor	0.048	U
309-00-2	Aldrin	0.048	U
1024-57-3	Heptachlor epoxide	0.048	U
959-98-8	Endosulfan I	0.0025	JBP
60-57-1	Dieldrin	0.095	U
72-55-9	4,4'-DDE	0.095	U
72-20-8	Endrin	0.095	U
33213-65-9	Endosulfan II	0.095	U
72-54-8	4,4'-DDD	0.095	U
1031-07-8	Endosulfan sulfate	0.095	U
50-29-3	4,4'-DDT	0.095	U
72-43-5	Methoxychlor	0.48	U
53494-70-5	Endrin ketone	0.095	U
7421-93-4	Endrin aldehyde	0.095	U
5103-71-9	alpha-Chlordane	0.048	U
5103-74-2	gamma-Chlordane	0.048	U
8001-35-2	Toxaphene	4.8	U
12674-11-2	Aroclor-1016	0.95	U
11104-28-2	Aroclor-1221	1.9	U
11141-16-5	Aroclor-1232	0.95	U
53469-21-9	Aroclor-1242	0.95	U
12672-29-6	Aroclor-1248	0.95	U
11097-69-1	Aroclor-1254	0.95	U
11096-82-5	Aroclor-1260	0.95	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWATMW4D12MS

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: WG2095-7

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/01/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.10	U
319-85-7	beta-BHC	0.10	U
319-86-8	delta-BHC	0.10	U
58-89-9	gamma-BHC (Lindane)	0.26	
76-44-8	Heptachlor	0.27	B
309-00-2	Aldrin	0.26	
1024-57-3	Heptachlor epoxide	0.035	JBP
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.49	
72-55-9	4,4'-DDE	0.20	U
72-20-8	Endrin	0.60	
33213-65-9	Endosulfan II	0.20	U
72-54-8	4,4'-DDD	0.20	U
1031-07-8	Endosulfan sulfate	0.20	U
50-29-3	4,4'-DDT	0.52	B
72-43-5	Methoxychlor	1.0	U
53494-70-5	Endrin ketone	0.027	JP
7421-93-4	Endrin aldehyde	0.20	U
5103-71-9	alpha-Chlordane	0.10	U
5103-74-2	gamma-Chlordane	0.10	U
8001-35-2	Toxaphene	10	U
12674-11-2	Aroclor-1016	2.0	U
11104-28-2	Aroclor-1221	4.0	U
11141-16-5	Aroclor-1232	2.0	U
53469-21-9	Aroclor-1242	2.0	U
12672-29-6	Aroclor-1248	2.0	U
11097-69-1	Aroclor-1254	2.0	U
11096-82-5	Aroclor-1260	2.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWATM
W4D12MSD

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: WG2095-8

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/01/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.10	U
319-85-7	beta-BHC	0.10	U
319-86-8	delta-BHC	0.10	U
58-89-9	gamma-BHC (Lindane)	0.29	
76-44-8	Heptachlor	0.30	B
309-00-2	Aldrin	0.30	P
1024-57-3	Heptachlor epoxide	0.10	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.55	
72-55-9	4,4'-DDE	0.20	U
72-20-8	Endrin	0.67	
33213-65-9	Endosulfan II	0.20	U
72-54-8	4,4'-DDD	0.20	U
1031-07-8	Endosulfan sulfate	0.20	U
50-29-3	4,4'-DDT	0.60	B
72-43-5	Methoxychlor	1.0	U
53494-70-5	Endrin ketone	0.015	JP
7421-93-4	Endrin aldehyde	0.20	U
5103-71-9	alpha-Chlordane	0.10	U
5103-74-2	gamma-Chlordane	0.10	U
8001-35-2	Toxaphene	10	U
12674-11-2	Aroclor-1016	2.0	U
11104-28-2	Aroclor-1221	4.0	U
11141-16-5	Aroclor-1232	2.0	U
53469-21-9	Aroclor-1242	2.0	U
12672-29-6	Aroclor-1248	2.0	U
11097-69-1	Aroclor-1254	2.0	U
11096-82-5	Aroclor-1260	2.0	U

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

GWATMW4D12

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: U1201_

Matrix (soil/water): WATER Lab Sample ID: U1201-4

Level (low/med): LOW Date Received: 04/01/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	386			P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	139	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	104000			P
7440-47-3	Chromium	7.1	B		P
7440-48-4	Cobalt	1.5	B		P
7440-50-8	Copper	2.5	B		P
7439-89-6	Iron	6820			P
7439-92-1	Lead	1.1	B		P
7439-95-4	Magnesium	44500			P
7439-96-5	Manganese	179			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	6.1	B		P
7440-09-7	Potassium	3600	B	E	P
7782-49-2	Selenium	2.3	U	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	45000			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	1.5	B		P
7440-66-6	Zinc	3.2	B		P
	Cyanide	7.0	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWATMW4D912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-5A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	32	
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	17	
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWATMW4D91

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-5A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-Chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

ACSGWATMW4D912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: U1201-5A59

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: not dec. _____ Date Analyzed: 04/12/00

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 60-29-7	ETHER	7.00	35	NJ
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWATMW4D912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-5

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: U1201-5A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWATMW4D912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-5

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: U1201-5A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	1	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
ACSGWATMW4D912

Lab Name: COMPUCHEM Contract: OLM04-REVS

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-5

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: U1201-5A60

Level: (low/med) LOW Date Received: 04/01/00

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 04/05/00

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/07/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) CONT

Number TICs found: 23 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.99	2	J
2.	TRICHLOROPROPENE	8.23	3	J
3.	UNKNOWN	8.83	10	J
4.	UNKNOWN	8.97	4	J
5.	UNKNOWN	9.75	6	J
6.	UNKNOWN	9.80	4	J
7.	UNKNOWN	9.92	72	J
8.	UNKNOWN	10.10	4	J
9.	UNKNOWN	10.88	5	J
10.	UNKNOWN	11.98	2	J
11.	UNKNOWN	12.74	7	J
12.	UNKNOWN	13.77	2	J
13. 98-73-7	BENZOIC ACID, P-TERT-BUTYL-	13.89	3	NJ
14.	UNKNOWN	15.64	4	J
15. 76-73-3	SECOBARBITAL	16.46	3	NJ
16.	UNKNOWN	17.29	7	J
17.	UNKNOWN	17.40	3	J
18.	UNKNOWN AMIDE	18.77	2	J
19.	UNKNOWN AMIDE	18.87	2	J
20.	UNKNOWN AMIDE	19.97	38	J
21.	UNKNOWN	20.05	4	J
22.	UNKNOWN	21.96	4	J
23.	UNKNOWN	22.20	2	J
24.				
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FORM I SV-TIC OLM04.2

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ACSGWATMW4D91

Lab Name: COMPUCHEM Contract: OLM04.2

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U1201

Matrix: (soil/water) WATER Lab Sample ID: U1201-5

Sample wt/vol: 1100 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/01/00

Extraction: (Type) SEPF Date Extracted: 04/03/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/05/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.0017	JBP
319-85-7	beta-BHC	0.0044	JBP
319-86-8	delta-BHC	0.045	U
58-89-9	gamma-BHC (Lindane)	0.045	U
76-44-8	Heptachlor	0.045	U
309-00-2	Aldrin	0.045	U
1024-57-3	Heptachlor epoxide	0.045	U
959-98-8	Endosulfan I	0.045	U
60-57-1	Dieldrin	0.091	U
72-55-9	4,4'-DDE	0.091	U
72-20-8	Endrin	0.091	U
33213-65-9	Endosulfan II	0.091	U
72-54-8	4,4'-DDD	0.091	U
1031-07-8	Endosulfan sulfate	0.091	U
50-29-3	4,4'-DDT	0.091	U
72-43-5	Methoxychlor	0.45	U
53494-70-5	Endrin ketone	0.091	U
7421-93-4	Endrin aldehyde	0.091	U
5103-71-9	alpha-Chlordane	0.045	U
5103-74-2	gamma-Chlordane	0.045	U
8001-35-2	Toxaphene	4.5	U
12674-11-2	Aroclor-1016	0.91	U
11104-28-2	Aroclor-1221	1.8	U
11141-16-5	Aroclor-1232	0.91	U
53469-21-9	Aroclor-1242	0.91	U
12672-29-6	Aroclor-1248	0.91	U
11097-69-1	Aroclor-1254	0.91	U
11096-82-5	Aroclor-1260	0.91	U

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

GWATMW4D912

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: U1201_

Matrix (soil/water): WATER Lab Sample ID: U1201-5

Level (low/med): LOW Date Received: 04/01/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	480			P
7440-36-0	Antimony	2.6	U		P
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	136	B		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.22	B		P
7440-70-2	Calcium	106000			P
7440-47-3	Chromium	7.5	B		P
7440-48-4	Cobalt	1.7	B		P
7440-50-8	Copper	2.2	B		P
7439-89-6	Iron	6290			P
7439-92-1	Lead	2.0	B		P
7439-95-4	Magnesium	45300			P
7439-96-5	Manganese	184			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	6.6	B		P
7440-09-7	Potassium	3620	B	E	P
7782-49-2	Selenium	2.3	U	N	P
7440-22-4	Silver	0.60	U		P
7440-23-5	Sodium	45700			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	1.7	B		P
7440-66-6	Zinc	4.4	B		P
	Cyanide	3.4	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: