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QUARTERLY MONITORING REPORT
ACTIVE TREATMENT SYSTEMS
FIRST QUARTER 2006

AMERICAN CHEMICAL SERVICE NPL SITE
GRIFFITH, INDIANA

MWH File No. 2090601

Prepared For:

American Chemical Service NPL Site RD/RA Executive Committee
Griffith, Indiana

Prepared By:

MWH Americas, Inc.
175 West Jackson Boulevard, Suite 1900
Chicago, Illinois 60604

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MWH

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Griffith, Indiana

Prepared by: _____ June 27, 2006
Jonathan Pohl, P.E. — Date
Project Engineer

Approved by: _____ June 27, 2006
Peter Vagt, Ph.D., CPG — Date
Project Manager

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ACRONYMS AND ABBREVIATIONS

AS	Air Sparge
AMSL	Above Mean Sea Level
BOD	Biological Oxygen Demand
BW	Barrier Wall
BWES	Barrier Wall Extraction System
cfm	cubic feet per minute
DL	Detection Limit
DPE	Dual Phase Extraction
EF1	effluent sample
GAC	Granular Activated Carbon
Global	Global Engineering
GWTP	Groundwater Treatment Plant
"Hg	Inches of mercury
"H_2O	Inches of water
IDEM	Indiana Department of Environmental Management
IN1	influent sample
IN2	duplicate influent sample
K-P	Kapica Pazmey
lb/hr	Pounds per hour
LDC	Laboratory Data Consultants
mg/kg	Milligrams per kilogram
mg/L	Milligrams per liter
NC	Not Calculated
ND	Not Detected
NE	No Effluent Limit Established
NS	Not Sampled
OFCA	Off-Site Containment Area
PCBs	Polychlorinated Biphenyls
ppm	Parts per million
PGCS	Perimeter Groundwater Containment System
PSVP	Performance Standard Verification Plan
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
SBPA	Still Bottoms Pond Area
SVOC	Semi-Volatile Organic Compounds
T-102	Aeration Equalization Tank (Tank – 102)
TOC	Top of Casing
TOIC	Top of Inner Casing
TOSG	Top of Staff Gauge
TSS	Total Suspended Solids
µg	Micrograms
µg/L	Micrograms per liter
U.S. EPA	United States Environmental Protection Agency
VOC	Volatile Organic Compounds

1.0 INTRODUCTION

MWH Americas, Inc. (MWH), on behalf of the American Chemical Service (ACS) Remedial Design/Remedial Action (RD/RA) Executive Committee, started up the on-site groundwater treatment system at the ACS National Priorities List (NPL) Site (ACS Site) in Griffith, Indiana on March 13, 1997. The groundwater treatment plant (GWTP) system was designed to treat groundwater from the Perimeter Groundwater Containment System (PGCS) and the Barrier Wall Extraction System (BWES). The original treatment consisted of a phase-separator for oil and free product removal, equalization tanks, a UV oxidation unit for destruction of organic constituents, and an air stripper to remove methylene chloride and other organics. The treatment also included a chemical precipitation and clarification unit to remove metals, a sand filter to remove suspended solids, and activated carbon vessels for final polishing of the treated groundwater before it was released to the west of the Site.

In 2001, an activated sludge treatment unit was added to the process to reduce the volatile and semivolatile organic compounds (VOCs and SVOCs) in the collected groundwater. The activated sludge treatment process also reduces the amount of activated carbon required to treat the water. An aerated equalization tank was also added to the GWTP in 2001 to remove VOCs from the collected groundwater, oxidize metals to increase metals removal efficiency in the chemical precipitation unit, and equalize groundwater flow through the GWTP. The activated sludge system and aeration tank have been fully integrated into the process along with the other upgrade components. Startup and optimization of the catalytic oxidizer/scrubber air treatment unit was also conducted during 2001.

The treated effluent from the treatment system is discharged to the nearby wetlands, west of the treatment system, in accordance with Agency approvals.

Operation of the In-situ Soil Vapor Extraction (ISVE) system for the Off-Site Containment Area (OFCA) and the Kapica-Pazmey (K-P) Area began on May 1, 2002. Operation of the ISVE system for the Still Bottoms Pond Area (SBPA) began in July 2003. The ISVE systems were designed to remove volatile and semi-volatile compounds from the subsurface media.

The Off-Site Area ISVE system consists of 42 ISVE wells, three air sparge wells, ISVE and air sparge blower systems, a thermal oxidizer/scrubber unit, and the associated mechanical and electrical components. Protocols and goals for the phased startup of the Off-Site System as defined in the Final Remedy (Montgomery Watson, 1999) were followed. In 2004, an additional blower unit was added to the Off-Site Area ISVE system to more effectively meet the design objectives of the system. The additional blower increased the capacity of the Off-Site ISVE system from 1000 to 2000 cubic feet per minute (cfm).

The SBPA ISVE system consists of 25 ISVE wells, 21 dual-phase extraction (DPE) wells, six air sparge wells, ISVE and air sparge blower systems, a thermal oxidizer/scrubber unit, and the associated mechanical and electrical components. During the first 12 months of system operation, the performance of the ISVE system was evaluated. Based on this

evaluation, the SBPA ISVE system was enhanced in accordance with EPA and IDEM approval by reconfiguring 18 of the ISVE wells to allow injection of air. Air for the injection wells is directed from blower ME-102/103 at the GWTP to the SBPA ISVE blower shed. The air injection system, which consists of three groups of five injection wells, began operation in December 2005. The air injection is scheduled to rotate among the three well groups on a monthly basis. Only one well group will operate at a time.

This report summarizes GWTP effluent analytical data, catalytic oxidizer/scrubber (annual) and thermal oxidizer off-gas analytical data, ISVE process monitoring data, and water level gauging data collected from January 2006 through March 2006. The report also details modifications and upgrades that were made to the active treatment systems during the reporting period.

2.0 GWTP COMPLIANCE MONITORING

2.1 INTRODUCTION

Effluent samples are collected on a regular schedule from the treatment system to demonstrate compliance with the discharge limits (Table 2.1) established by the Indiana Department of Environmental Management (IDEM) and the United States Environmental Protection Agency (U.S. EPA). The approved Performance Standard Verification Plan (PSVP) (Montgomery Watson, July 1997) requires quarterly effluent sampling for biochemical oxygen demand (BOD), total suspended solids (TSS), SVOCs, metals, and polychlorinated biphenyls (PCBs) in the system, and monthly effluent sampling for pH and VOCs, as tabulated below. In accordance with the PSVP, a full analysis effluent compliance sample was collected during January 2006 and analyzed for all of the analytes listed above. During February and March 2006, the monthly effluent compliance samples were analyzed for VOCs and pH only.

Sampling and analyses were performed in accordance with the approved Quality Assurance Project Plan (QAPP) (Montgomery Watson Harza, November 2001). Quality control measures were also instituted in accordance with the PSVP. The following table and paragraphs present details on sampling and analyses and also summarize the analytical data for the treatment system effluent.

Sampling Frequency Schedule – Groundwater Treatment System

Analytes	Cumulative Time From Startup*	Frequency
Flowrate	–	Continuous
BOD, TSS, SVOCs and Metals	181 days onward	Once per quarter
VOCs and pH	31 days onward	Once per month
PCBs	181 days onward	Once per quarter
PCBs in Sediment (one location)	–	Once per year

*Note: System operation began on March 13, 1997

2.2 EFFLUENT SAMPLING AND ANALYSES

Effluent samples were collected each month during the first quarter of 2006. Samples were collected on the following dates and analyzed for the listed analytes for this reporting period:

January 11, 2006	full analysis (pH, TSS, BOD, Metals, VOCs, SVOCs, pentachlorophenol, and PCBs)
February 7, 2006	pH and VOCs
March 8, 2006	pH and VOCs

The above samples were collected directly from a sampling port on the effluent line of the treatment system. The samples were placed in contaminant-free containers, in accordance with the U.S. EPA Specifications and Guidance for Obtaining Contaminant-Free Sample Containers (U.S. EPA, 1992). Appropriate sample containers and preservatives, as specified in the QAPP, were used to collect and preserve the samples. Following sample collection, the temperature of the sample containers was maintained at or below 4° C in coolers. Chain-of-Custody forms were prepared to track the transfer of samples from the treatment system to the laboratories. In accordance with the approved QAPP, the effluent water samples were analyzed for the following parameters by the following analytical methods:

Parameter	Analytical Method
VOCs	SW-846 8260B
SVOCs	SW-846 8270C
Pentachlorophenol	SW-846 8270C and SIM
Pesticides/PCBs	EPA 608/SW-846 8081/8082
Metals (Excluding Mercury)	SW-846 6010
General Water Quality Parameters (TSS and BOD-5)	EPA 160.2 and 405.1
Mercury	SW-846 7470
pH	EPA 150.1

2.3 EFFLUENT ANALYTICAL RESULTS

2.3.1 GWTP Effluent Samples

The GWTP effluent monitoring data, summarized in Table 2.2, verify that the system effluent was compliant with the discharge limits summarized in Table 2.1. No effluent exceedences were reported in the January, February, or March samples.

Compuchem Laboratory of Cary, North Carolina performed the analysis of the samples. Laboratory Data Consultants (LDC) of Carlsbad, California performed third party data validation in accordance with the U.S. EPA National Functional Guidelines for Organic/Inorganic Data Review. Validation qualifiers are listed in Table 2.2 and are written in the margin of the analytical data sheets provided in Appendix A.

3.0 ISVE SYSTEM MONITORING

3.1 THERMAL OXIDIZER OFF-GAS SAMPLING

During the first quarter of 2006, Thermal Oxidizer/Scrubber Unit 1 (Therm Ox 1) was used to treat vapors from the SBPA ISVE system and Thermal Oxidizer/Scrubber Unit 2 (Therm Ox 2) was used to treat vapors from the Off-Site ISVE system and T-102. Compliance samples were collected from both thermal oxidizer/scrubber units on January 9th, February 17th, and March 6th.

Influent and effluent off-gas samples were collected directly from sampling ports on the influent pipe to the thermal oxidizer and the discharge stack of the scrubber. One influent sample (labeled IN1) and one effluent sample (EF1) were collected. A duplicate influent sample (IN2) was also collected. The samples were collected to comply with the PSVP and QAPP and in accordance with laboratory guidelines. The VOC samples were collected using a Summa canister and the SVOC samples were collected in sorbent tubes.

Sampling Frequency Schedule – ISVE System

Startup	Weekly for a four week period
Post-Startup	Monthly in accordance with the IDEM Air Permit Equivalency

Following sample collection, the SVOC sample containers were maintained at or below 4°C in coolers. Chain-of-Custody forms were prepared to track the transfer of samples from the treatment system to the laboratories for extraction and analysis. In accordance with the approved QAPP, the off-gas samples were analyzed by the following analytical methods:

Parameter	Analytical Method
VOCs	TO-14
SVOCs	TO-13

3.2 SAMPLING RESULTS

The influent and effluent off-gas data are collected to verify that the off-gas from both of the thermal oxidizers were less than the IDEM discharge limit of three pounds of VOCs per hour for January, February, and March. For example, the VOC discharge reported from the January 9, 2006 Therm Ox 1 sample was 0.044 pounds per hour, approximately two percent of the discharge limit. The VOC discharge from the January 9, 2006 Therm Ox 2 sample was 0.234 pounds per hour, approximately eight percent of the discharge limit. The results for February and March were within the same order of magnitude. Therefore, it can be concluded that the ISVE systems are performing well within discharge limits for air emissions. VOC discharge values for Therm Ox 1, Therm Ox 2, and the SBPA and Off-Site ISVE system are presented in Tables 3.1 through 3.9. The footers on these tables have been

updated and revised since the release of the Quarterly Status Report in April 2006. The analytical data sheets for the compliance samples are provided in Appendix B.

In addition to the off-gas data collected during the first quarter, MWH collected off-gas samples from the Off-Site ISVE system and the SBPA ISVE system influent lines. These samples were collected in order to comply with the PSVP.

Air Toxics Laboratories of Folsom, California analyzed the samples. The analytical results are summarized in Tables 3.1 through 3.18. MWH performed data validation in accordance with the QAPP and the National Functional Guidelines for Organic/Inorganic Data Review. Validation qualifiers are listed in the tables and are written in the margin of the analytical data sheets provided in Appendix B.

3.3 ISVE SYSTEM MONITORING

Performance monitoring of the ISVE system was conducted in accordance with the PSVP (Montgomery Watson, June 1999). Extracted vapor flow rates and vacuums at individual ISVE wells and headers were measured and recorded on a routine basis. Additionally, VOC concentrations were measured at individual wells and headers using a photoionization detector (PID).

The information collected during performance monitoring is used to evaluate and optimize the ISVE system. Data collected from the Off-Site ISVE system during the first quarter of 2006 is presented in Tables 3.19 and 3.20. Data that was collected from the SBPA ISVE system during the first quarter of 2006 is presented in Tables 3.21 and 3.22.

4.0 GWTP PROCESS MODIFICATIONS AND REPAIRS

4.1 GWTP PROCESS MODIFICATIONS

No modifications were made to the GWTP during the first quarter of 2006.

4.2 GWTP REPAIRS AND MAINTENANCE

The following repairs were made to the GWTP during the first quarter of 2006:

- The evening of January 25, 2006, while pumping water from the containment area around the biotank, the sand filter malfunctioned causing water flow to back up and the plant to shut down. The GWTP was down for 12 hours while the problem was remedied.

- On March 17, 2006, a level sensor in Tank T-102 failed causing approximately 300 gallons of water to overflow from the tank into the containment area. The water was pumped back into the biotank for treatment. The GWTP ran in "Hand" mode until March 21, 2006 when a new sensor was installed.

5.0 ISVE PROCESS MODIFICATIONS AND REPAIRS

5.1 ISVE PROCESS MODIFICATIONS

The following modifications were made to the SBPA ISVE system during the first quarter of 2006:

- The SBPA ISVE system continued to operate with 23 ISVE wells and the Off-Site ISVE system continued to operate with 42 ISVE wells throughout the first quarter.

- Five air injection wells ran at the ACS site throughout January, February, and the first half of March of 2006 (SVE-50, SVE-54, SVE-73, SVE-79, and SVE-81). MWH was on site on January 9, 2006 to bring SVE-79 online as the fifth air injection well. On March 15, 2006, MWH switched the air injection wells from Group 1 to Group 2. Group 2 includes SVE-49, SVE-51, SVE-65, SVE-71, and SVE-82. MWH plans to continue rotating among the three groups of air injection wells on a monthly basis.

- Product removal activities were performed at six ISVE well locations in the SBPA throughout January 2006 (SVE-52, SVE-53, SVE-62, SVE-72, SVE-88, and DPE-61). Thirty-seven gallons were removed from these wells. During February and March 2006, product was only removed from SVE-53. During this period, 88 gallons of product was removed from this well.

No modifications were made to the Off-Site ISVE system during the first quarter of 2006.

5.2 ISVE REPAIRS AND MAINTENANCE

The following repairs were made to the ISVE system during the first quarter of 2006:

- Maintenance activities were performed on both thermal oxidizer systems. ThermOx 1 was shut down on January 9, 2006 for repair of pinhole leaks on the scrubber's quench section. It was turned back on January 18, 2006. ThermOx 2 was also shut down for safety precautions on January 12th and 13th while repairs were being made to the scrubber for ThermOx 1.

- A minor caustic leak was repaired on ThermOx 2 during the week of February 28, 2006.

- ThermOx 1 was shut down on the afternoon of March 6, 2006 after a hole developed in the ducting between the oxidizer and the scrubber. The hole developed at the location of a weld on the uppermost of three sections of 18-inch ducting. On Tuesday, March 7th, the section of damaged ducting was removed. The other sections of ducting were examined and found to be in satisfactory condition. The damaged section was sent to Vidimos to be cleaned and re-welded. The motor for the

combustion blower for ThermOx 1 was removed on March 7th and sent to Mills Electric for servicing. The repaired section of ducting along with the repaired combustion blower motor were reinstalled on Wednesday, March 8th. The oxidizer was returned to service on Thursday, March 9th, and the SVE system was brought online Friday, March 10th.

- On March 31, 2006, the discharge hose on the heat exchanger failed resulting in a low-level alarm in the ThermOx 1 scrubber sump. The heat exchanger, which heats influent water to Tank T-2 during the winter months, was taken offline for the season and the oxidizer/scrubber returned to operation on April 1, 2006.

- ThermOx 2 was shut down on March 15, 2006 to repair a small leak that had developed at the sodium hydroxide (caustic) injection point.

6.0 PGCS AND BWES GAUGING ACTIVITIES

When the GWTP was operational, the PGCS groundwater extraction trenches were operated in "auto" mode during the first quarter of 2006. In "auto" mode, the PGCS extraction wells pump continuously unless there is a low water level in individual extraction wells or a high water level in Aeration Equalization Tank (T-102). This mode is used to control the flowrate through the treatment system while at the same time creating an inward gradient along the PGCS trench. The GWTP also received influent from the On-Site and Off-Site components of the BWES and the SBPA DPE wells during the first quarter of 2006.

In accordance with the PSVP, a discussion on the effect of the PGCS and BWES on the water table near the Site is presented in each quarterly monitoring report. This section summarizes the groundwater elevations at the Site during January, February, and March 2006. Groundwater elevation measurements were collected throughout the Site on March 20, 2006 as part of the groundwater monitoring program. The groundwater elevations are listed in Table 6.1 and the resulting contours outside the barrier wall are shown on Figure 6.1.

The barrier wall was constructed to contain the contaminated zone under the Site, and the BWES was installed to extract groundwater from within the barrier wall and dewater the Site for the ISVE system. Eight pairs of piezometers were installed, with one piezometer of each pair on either side of the barrier wall, spaced along the barrier wall alignment. This allows measurement and tracking of water levels in order to document that the barrier wall is serving its designed function.

Table 6.1, BWES Water Level and Piezometer Pairs, presents the groundwater elevations inside and outside the barrier wall on March 20, 2006. The groundwater elevations are illustrated on Figure 6.2. The groundwater elevation measurements were within a range of 2.51 to 7.56 feet higher outside the barrier wall. In general, the data demonstrates that the barrier wall is successfully performing the intended function of isolating and protecting the groundwater outside the barrier wall from the source areas of the Site inside the barrier wall. MWH will continue to periodically collect water level measurements across the Site as required in the PSVP.

As part of the optimization of the GWTP and BWES upgrades, MWH began active dewatering of the Off-Site Area through increased groundwater pumping rates on September 25, 2001. Active dewatering of the SBPA began on February 11, 2003 with the addition of the DPE wells. Water levels were measured throughout the quarter at piezometer locations (P29, P31, P32, P36, and P49) in the On-Site Area and at piezometers (P96, P110, P112, P113, P114, P116, P118) and three air sparge (AS) wells (AS-7, AS-8, and AS-9) in the Off-Site Area. The water level trend data from these piezometers and AS wells for the first quarter 2006 are depicted graphically on Figures 6.3 and 6.4, which also reference the target water elevations for each area. In the SBPA, the target water level is 629 feet amsl. The water levels in all five piezometer locations have been drawn down to below the bottom of the screens in these wells throughout the first quarter 2006. Therefore, our depth to water

measurements show straight-line measurements of the bottom of the wells. Water levels at these five locations were also drawn down to below the well screens throughout the fourth quarter 2005 so there has been no change in the average water levels since the fourth quarter 2005.

In the Off-Site ISVE area, the target water level is 626 feet amsl. Actual water levels varied from approximately 620 feet amsl to 628 feet amsl. This represents a slight increase in the average water levels from the fourth quarter 2005. MWH will continue to monitor the water levels in both the SBPA and Off-Site Area to ensure vapor extraction at the ISVE wells is not inhibited.

7.0 SYSTEM OPERATION

The GWTP operated as designed for approximately 95 percent of the first quarter of 2006 (based on 2083 hours of operation out of a total of 2184 hours). The system drew influent from the On-Site Area BWES, the Off-Site Area BWES, the PGCS, MW-10C and MW-56.

The Off-Site Area ISVE system continued to operate as designed for approximately 94 percent of the first quarter of 2006 (based on 2063 hours of operation out of a total of 2184 hours). The SBPA ISVE system continued to operate as designed for approximately 82 percent of the first quarter of 2006 (based on 1800 hours of operation out of a total of 2184 hours).

8.0 REFERENCES

1. *Final Remedial Design Report: Final Remedy, ACS NPL Site,* Montgomery Watson, August 1999.

2. *Performance Standard Verification Plan, ACS NPL Site,* Montgomery Watson, July 1997.

3. *Performance Standard Verification Plan, ACS NPL Site,* Montgomery Watson, June 1999.

4. *Phase I Technical Memorandum Wetland Investigation, ACS NPL Site,* Montgomery Watson, July 1996.

5. *Phase II Technical Memorandum Wetland Investigation, ACS NPL Site,* Montgomery Watson, February 1997.

6. *Quality Assurance Project Plan, ACS NPL Site,* Montgomery Watson Harza, March 2001.

7. *U.S. EPA Specifications and Guidance for Obtaining Contaminant-Free Sample Containers*, United States Environmental Protection Agency, 1992.

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TABLES

Table 2.1
Groundwater Treatment System Effluent Discharge Limits
American Chemical Service NPL Site
Griffith, Indiana

Groundwater Quality Parameter	Effluent Standard (Limit)
General Water Quality Parameters	
PH	6 - 9 S.U.
BOD-5	30 mg/L
TSS	30 mg/L
Inorganics	
Arsenic	50 µg/L
Beryllium	NE
Cadmium	4.1 µg/L
Manganese	NE
Mercury	0.02 µg/L (w/DL = 0.64)
Selenium	8.2 µg/L
Thallium	NE
Zinc	411 µg/L
Volatile Organics	
Acetone	6,800 µg/L
Benzene	5 µg/L
2-Butanone	210 µg/L
Chloromethane	NE
1,4 – Dichlorobenzene	NE
1,1 – Dichloroethane	NE
1,2 – Dichloroethene – cis	70 µg/L
Ethylbenzene	34 µg/L
Methylene chloride	5 µg/L
Tetrachloroethene	5 µg/L
Trichloroethene	5 µg/L
Vinyl chloride	2 µg/L
4 – Methyl - 2 – pentanone	15 µg/L
Semi-Volatile Organics	
bis(2 – Chloroethyl) ether	9.6 µg/L
bis(2 – Ethylhexyl) phthalate	6 µg/L
Isophorone	50 µg/L
4 – Methylphenol	34 µg/L
Pentachlorophenol	1 µg/L
PCBs	
PCBs	0.00056 µg/L (w/DL = 0.1 to 0.9)

Notes:
NE = No effluent limit established.
DL = Detection limit
S.U. = Standard pH units
µg/L = micrograms per Liter

Table 2.2
Summary of Effluent Analytical Results - First Quarter 2006
Groundwater Treatment System
American Chemical Service NPL Site
Griffith, Indiana

Event Date	Month 104 1/11/2006	Month 105 2/7/2006	Month 106 3/8/2006	Effluent Limits	Lab Reporting Limits
pH	7.48 /J	7.5 /J	7.75 /J	6-9	none
TSS	0.3 B	NS	NS	30	10
BOD		NS	NS	30	2
Arsenic	4.7 B	NS	NS	50	3.4
Beryllium	0.30 B/B	NS	NS	NE	0.2
Cadmium	ND	NS	NS	4.1	0.3
Manganese	1.4 B/B	NS	NS	NE	10
Mercury	ND	NS	NS	0.02 (w/DL = 0.64)	0.64
Selenium	ND	NS	NS	8.2	4.3
Thallium	ND	NS	NS	NE	5.7
Zinc	ND	NS	NS	411	1.2
Benzene	0.10 J/	0.50 U	0.50 U	5	0.5
Acetone	2.5 U/UJ	2.2 JB	2.5 U/UJ	6,800	3
2-Butanone	2.5 U/UJ	2.5 U/UJ	2.5 U/UJ	210	3
Chloromethane	0.50 U/	0.50 U	0.50 U	NE	0.5
1,4-Dichlorobenzene	0.50 U/	0.50 U	0.50 U	NE	0.5
1,1-Dichloroethane	0.50 U/	0.50 U	0.50 U	NE	0.5
cis-1,2-Dichloroethene	0.69 /	0.43 J	0.50 U	70	0.5
Ethylbenzene	0.50 U/	0.50 U	0.50 U	34	0.5
Methylene chloride	1.0	1.8	1.5	5	0.6
Tetrachloroethene	0.20 J/	0.50 U	0.50 U	5	0.5
Trichloroethene	0.50 U/	0.50 U	0.50 U	5	0.5
Vinyl chloride	0.50 U/	0.50 U	0.50 U	2	0.5
4-Methyl-2-pentanone	2.5 U/	2.5 U	2.5 U	15	3
bis (2-Chloroethyl) ether	ND	NS	NS	9.6	9.6
bis(2-Ethylhexyl) - phthalate	ND	NS	NS	6	6
4 - Methylphenol	ND	NS	NS	34	10
Isophorone	ND	NS	NS	50	10
Pentachlorophenol	ND	NS	NS	1	1
PCB/Aroclor-1016	ND	NS	NS	0.00056 (w/DL = 0.1 to 0.9)	0.5
PCB/Aroclor-1221	ND	NS	NS	0.00056 (w/DL = 0.1 to 0.9)	0.92*
PCB/Aroclor-1232	ND	NS	NS	0.00056 (w/DL = 0.1 to 0.9)	0.5
PCB/Aroclor-1242	ND	NS	NS	0.00056 (w/DL = 0.1 to 0.9)	0.5
PCB/Aroclor-1248	ND	NS	NS	0.00056 (w/DL = 0.1 to 0.9)	0.5
PCB/Aroclor-1254	ND	NS	NS	0.00056 (w/DL = 0.1 to 0.9)	0.5
PCB/Aroclor-1260	ND	NS	NS	0.00056 (w/DL = 0.1 to 0.9)	0.5

Notes:
Bolded result indicates a exceedence of the discharge limit.
pH data is expressed in S.U.
Metals, VOC, SVOC and PCB data is expressed in ug/L.
ND = Not detected
NS = This analyte was not sampled or analyzed for.
NE = No effluent limit established.
DL = Detection limit
* = Approved SW-846 method is incapable of achieving effluent limit.

Suffix Definitions:
_/ = Data qualifier added by laboratory.
/_ = Data qualifier added by data validator.
J = Result is detected below the reporting limit and is an estimated concentration.
U = Analyte is not detected at or above the indicated concentration.
B = Compound is also detected in the blank.
UJ = Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
JB = Compound or analyte was positively detected in a sample and in an associated blank, but the value is an estimated concentration.

Table 3.1
Thermal Oxidizer 1 Results for Method TO-14 (VOCs) - January 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 1/9/06								
		Therm-Ox 1						Destruction Efficiency		
		Influent		Influent Dup		Effluent		Low	High	Average
1,1,1-Trichloroethane	ppbv	29,000		28,000		55		99.80%	99.81%	99.81%
1,1,2,2-Tetrachloroethane	ppbv	ND	U	ND	U	0.31	J	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
1,1-Dichloroethane	ppbv	3,400		3,200		18		99.44%	99.47%	99.45%
1,1-Dichloroethene	ppbv	1,000		750		120		84.00%	88.00%	86.00%
1,2-Dichloroethane	ppbv	390		300		0.96	J	NC	NC	NC
1,2-Dichloropropane	ppbv	420		400		0.74	J	NC	NC	NC
2-Butanone (Methyl Ethyl Ketone)	ppbv	ND	U	ND	U	6.1		NC	NC	NC
2-Hexanone	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
4-Methyl-2-pentanone	ppbv	ND	U	ND	U	3.4	J	NC	NC	NC
Acetone	ppbv	1,100		1,000	J	15		NC	NC	NC
Benzene	ppbv	8,500		8,000		170		97.88%	98.00%	97.94%
Bromodichloromethane	ppbv	ND	U	ND	U	0.67	J	NC	NC	NC
Bromoform	ppbv	ND	U	ND	U	0.32	J	NC	NC	NC
Bromomethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Carbon Disulfide	ppbv	50	J	50	J	2.4	J	NC	NC	NC
Carbon Tetrachloride	ppbv	ND	U	ND	U	1.2		NC	NC	NC
Chlorobenzene	ppbv	ND	U	ND	U	6.5		NC	NC	NC
Chloroethane	ppbv	540		280		12		95.71%	97.78%	96.75%
Chloroform	ppbv	7,400		7,000		9.1		99.87%	99.88%	99.87%
Chloromethane	ppbv	ND	U	ND	U	23		NC	NC	NC
cis-1,2-Dichloroethene	ppbv	25,000		24,000		290		98.79%	98.84%	98.82%
cis-1,3-Dichloropropene	ppbv	ND	U	ND	U	1.6		NC	NC	NC
Dibromochloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Ethyl Benzene	ppbv	12,000		11,000		21		99.81%	99.83%	99.82%
m,p-Xylene	ppbv	75,000		72,000		100		99.86%	99.87%	99.86%
Methylene Chloride	ppbv	7,000		6,600		27		99.59%	99.61%	99.60%
o-Xylene	ppbv	40,000		38,000		47		99.88%	99.88%	99.88%
Styrene	ppbv	ND	U	ND	U	16		NC	NC	NC
Tetrachloroethene	ppbv	47,000		45,000		390		99.13%	99.17%	99.15%
Toluene	ppbv	78,000		77,000		170		99.78%	99.78%	99.78%
trans-1,2-Dichloroethene	ppbv	220	J	220	J	41		NC	NC	NC
trans-1,3-Dichloropropene	ppbv	ND	U	ND	U	1.4		NC	NC	NC
Trichloroethene	ppbv	29,000		27,000		180		99.33%	99.38%	99.36%
Vinyl Chloride	ppbv	1,500		1,400		73		94.79%	95.13%	94.96%
Total	**ppbv**	**366,520**		**351,200**		**1,802.70**		**99.49%**	**99.51%**	**99.50%**
Total	**lb/hr**	**9.684**		**9.273**		**0.044**		**99.53%**	**99.55%**	**99.54%**

Notes:

NC = Not calculated

ND = Non-detect

ppbv = parts per billion volume

lb/hr = pounds per hour

Qualifiers:

J = Result is estimated

U = Below reported quantitation limit

_/ = Laboratory data qualifier

/_ = Data validation qualifier

Therm-Ox 1 VOC lb/hr based on 1551 scfm, 86 (influent) and 132 (effluent) degrees Fahrenheit (1/9/06).

Destruction efficiencies were not calculated if either the influent or effluent samples were estimated.

Destruction efficiencies were also not calculated if the effluent result exceeded either influent result.

Table 3.2
Thermal Oxidizer 1 Results for Method TO-14 (VOCs) - February 2006
American Chemical Service
Griffith, Indiana

		Sampled 2/17/06								
		Therm-Ox 1						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
1,1,1-Trichloroethane	ppbv	26,000		28,000		200		99.23%	99.29%	99.26%
1,1,2,2-Tetrachloroethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
1,1-Dichloroethane	ppbv	2,700		2,300		22		99.04%	99.19%	99.11%
1,1-Dichloroethene	ppbv	120	J/J	ND	U	110		NC	NC	NC
1,2-Dichloroethane	ppbv	310		310		ND	U	NC	NC	NC
1,2-Dichloropropane	ppbv	400		350		ND	U	NC	NC	NC
2-Butanone (Methyl Ethyl Ketone)	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
2-Hexanone	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
4-Methyl-2-pentanone	ppbv	ND	U	290	J/J	7.8		NC	NC	NC
Acetone	ppbv	1,200		800	J/J	29		NC	NC	NC
Benzene	ppbv	6,100		6,100		140		97.70%	97.70%	97.70%
Bromodichloromethane	ppbv	ND	U	ND	U	0.75	J/J	NC	NC	NC
Bromoform	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Bromomethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Carbon Disulfide	ppbv	380	J/J	200	J/J	0.95	J/J	NC	NC	NC
Carbon Tetrachloride	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Chlorobenzene	ppbv	ND	U	ND	U	4.5		NC	NC	NC
Chloroethane	ppbv	270		220	J/J	25		NC	NC	NC
Chloroform	ppbv	7,000		7,100		15		99.79%	99.79%	99.79%
Chloromethane	ppbv	ND	U	ND	U	28		NC	NC	NC
cis-1,2-Dichloroethene	ppbv	18,000		17,000		300		98.24%	98.33%	98.28%
cis-1,3-Dichloropropene	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Dibromochloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Ethyl Benzene	ppbv	6,700		7,100		31		99.54%	99.56%	99.55%
m,p-Xylene	ppbv	36,000		39,000		130		99.64%	99.67%	99.65%
Methylene Chloride	ppbv	5,200		4,400		24		99.45%	99.54%	99.50%
o-Xylene	ppbv	23,000		25,000		42		99.82%	99.83%	99.82%
Styrene	ppbv	ND	U	ND	U	12		NC	NC	NC
Tetrachloroethene	ppbv	36,000		38,000		480		98.67%	98.74%	98.70%
Toluene	ppbv	51,000		55,000		240		99.53%	99.56%	99.55%
trans-1,2-Dichloroethene	ppbv	ND	U	ND	U	27		NC	NC	NC
trans-1,3-Dichloropropene	ppbv	ND	U/R	ND	U/R	0.69	J/J	NC	NC	NC
Trichloroethene	ppbv	24,000		26,000		260		98.92%	99.00%	98.96%
Vinyl Chloride	ppbv	930		990		120		87.10%	87.88%	87.49%
Total	**ppbv**	**245,310**		**258,160**		**2,249.69**		**99.08%**	**99.13%**	**99.11%**
Total	**lb/hr**	**6.409**		**6.768**		**0.059**		**99.08%**	**99.13%**	**99.10%**

Notes:

NC = Not calculated
ND = Non-detect
ppbv = parts per billion volume
lb/hr = pounds per hour

Qualifiers:

J = Result is estimated
U = below reported quantitation limit
R = Quality control indicates the data is not usable
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Therm-Ox 1 VOC lb/hr based on 1680 scfm, 82 (influent) and 140 (effluent) degrees Fahrenheit (2/17/06).
Destruction efficiencies were not calculated if either the influent or effluent samples were estimated.
Destruction efficiencies were also not calculated if the effluent result exceeded either influent result.

Table 3.3
Thermal Oxidizer 1 Results for Method TO-14 (VOCs) - March 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 3/6/06								
		Therm-Ox 1						Destruction Efficiency		
		Influent		Influent Dup		Effluent		Low	High	Average
1,1,1-Trichloroethane	ppbv	28,000		32,000		80		99.71%	99.75%	99.73%
1,1,2,2-Tetrachloroethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
1,1-Dichloroethane	ppbv	2,900		3,100		11		99.62%	99.65%	99.63%
1,1-Dichloroethene	ppbv	310		370		70		77.42%	81.08%	79.25%
1,2-Dichloroethane	ppbv	420		360		ND	U	100.00%	100.00%	100.00%
1,2-Dichloropropane	ppbv	530		510		ND	U	100.00%	100.00%	100.00%
2-Butanone (Methyl Ethyl Ketone)	ppbv	ND	U	ND	U	13		NC	NC	NC
2-Hexanone	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
4-Methyl-2-pentanone	ppbv	590	J	810	J	13		NC	NC	NC
Acetone	ppbv	1,100		1,200		56		94.91%	95.33%	95.12%
Benzene	ppbv	6,100		6,500		72		98.82%	98.89%	98.86%
Bromodichloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Bromoform	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Bromomethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Carbon Disulfide	ppbv	ND	U	ND	U	6		NC	NC	NC
Carbon Tetrachloride	ppbv	ND	U	ND	U	0.7	J	NC	NC	NC
Chlorobenzene	ppbv	ND	U	ND	U	3.1		NC	NC	NC
Chloroethane	ppbv	ND	U	ND	U	11		NC	NC	NC
Chloroform	ppbv	6,900		7,700		6.7		99.90%	99.91%	99.91%
Chloromethane	ppbv	ND	U	ND	U	12		NC	NC	NC
cis-1,2-Dichloroethene	ppbv	18,000		22,000		140		99.22%	99.36%	99.29%
cis-1,3-Dichloropropene	ppbv	ND	U	ND	U	0.79	J	NC	NC	NC
Dibromochloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Ethyl Benzene	ppbv	8,800		9,600		19		99.78%	99.80%	99.79%
m,p-Xylene	ppbv	52,000		54,000		94		99.82%	99.83%	99.82%
Methylene Chloride	ppbv	5,500		6,600		22		99.60%	99.60%	99.60%
o-Xylene	ppbv	31,000		33,000		31		99.91%	99.91%	99.91%
Styrene	ppbv	ND	U	ND	U	9		NC	NC	NC
Tetrachloroethene	ppbv	45,000		46,000		290		99.36%	99.37%	99.36%
Toluene	ppbv	66,000		72,000		120		99.82%	99.83%	99.83%
trans-1,2-Dichloroethene	ppbv	ND	U	ND	U	15		NC	NC	NC
trans-1,3-Dichloropropene	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Trichloroethene	ppbv	23,000		24,000		110		99.52%	99.54%	99.53%
Vinyl Chloride	ppbv	730		750		67		90.82%	91.07%	90.94%
Total	**ppbv**	**296,880**		**320,500**		**1,272.29**		**99.57%**	**99.60%**	**99.59%**
Total	**lb/hr**	**7.504**		**8.064**		**0.032**		**99.57%**	**99.60%**	**99.59%**

Notes:

NC = Not calculated

ND = Non-detect

ppbv = parts per billion volume

lb/hr = pounds per hour

Qualifiers:

J = Result is estimated

U = below reported quantitation limit

_/ = Laboratory data qualifier

/_ = Data validation qualifier

Therm-Ox 1 VOC lb/hr based on 1630 scfm, 84 (influent) and 139 (effluent) degrees Fahrenheit (3/6/06).

Destruction efficiencies were not calculated if either the influent or effluent samples were estimated.

Destruction efficiencies were also not calculated if the effluent result exceeded either influent result.

Table 3.4
Thermal Oxidizer 2 Results for Method TO-14 (VOCs) - January 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 1/9/06								
		Therm-Ox 2						Destruction Efficiency		
		Influent		Influent Dup		Effluent		Low	High	Average
1,1,1-Trichloroethane	ppbv	18,000		18,000		650		96.39%	96.39%	96.39%
1,1,2,2-Tetrachloroethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	U	ND	U	4	J	NC	NC	NC
1,1-Dichloroethane	ppbv	2,400		2,300		88		96.17%	96.33%	96.25%
1,1-Dichloroethene	ppbv	610		550		120		78.18%	80.33%	79.25%
1,2-Dichloroethane	ppbv	570		540		20		96.30%	96.49%	96.39%
1,2-Dichloropropane	ppbv	180	J	170	J	5.3	J	NC	NC	NC
2-Butanone (Methyl Ethyl Ketone)	ppbv	9,900		5,800		550		90.52%	94.44%	92.48%
2-Hexanone	ppbv	ND	U	ND	U	5.3	J	NC	NC	NC
4-Methyl-2-pentanone	ppbv	4,000		3,400		130		96.18%	96.75%	96.46%
Acetone	ppbv	16,000		6,200		990		84.03%	93.81%	88.92%
Benzene	ppbv	13,000		12,000		670		94.42%	94.85%	94.63%
Bromodichloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Bromoform	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Bromomethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Carbon Disulfide	ppbv	ND	U	ND	U	2.7	J	NC	NC	NC
Carbon Tetrachloride	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Chlorobenzene	ppbv	ND	U	ND	U	3.8	J	NC	NC	NC
Chloroethane	ppbv	330		340		16		95.15%	95.29%	95.22%
Chloroform	ppbv	1,300		1,300		53		95.92%	95.92%	95.92%
Chloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
cis-1,2-Dichloroethene	ppbv	6,000		6,000		290		95.17%	95.17%	95.17%
cis-1,3-Dichloropropene	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Dibromochloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Ethyl Benzene	ppbv	9,700		9,700		240		97.53%	97.53%	97.53%
m,p-Xylene	ppbv	44,000		44,000		960		97.82%	97.82%	97.82%
Methylene Chloride	ppbv	19,000		18,000		740		95.89%	96.11%	96.00%
o-Xylene	ppbv	16,000		16,000		360		97.75%	97.75%	97.75%
Styrene	ppbv	ND	U	ND	U	98		NC	NC	NC
Tetrachloroethene	ppbv	18,000		18,000		860		95.22%	95.22%	95.22%
Toluene	ppbv	70,000		70,000		2,100		97.00%	97.00%	97.00%
trans-1,2-Dichloroethene	ppbv	140	J	ND	U	36		NC	NC	NC
trans-1,3-Dichloropropene	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Trichloroethene	ppbv	12,000		12,000		500		95.83%	95.83%	95.83%
Vinyl Chloride	ppbv	850		860		68		92.00%	92.09%	92.05%
Total	**ppbv**	**261,980**		**245,160**		**9,560.1**		**96.10%**	**96.35%**	**96.23%**
Total	**lb/hr**	**7.589**		**7.271**		**0.234**		**96.78%**	**96.92%**	**96.85%**

Notes:
NC = Not calculated
ND = Non-detect
ppbv = parts per billion volume
lb/hr = pounds per hour

Qualifiers:
J = Result is estimated
U = below reported quantitation limit
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Therm-Ox 2 VOC lb/hr based on 1812 scfm, 64 (influent) and 150 (effluent) degrees Fahrenheit (1/9/06).
Destruction efficiencies were not calculated if either influent or effluent samples were estimated.
Destruction efficiencies were also not calculated if the effluent result exceeded either influent result.

Table 3.5
Thermal Oxidizer 2 Results for Method TO-14 (VOCs) - February 2006
American Chemical Service
Griffith, Indiana

		Sampled 2/17/06								
		Therm-Ox 2						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
1,1,1-Trichloroethane	ppbv	18,000		17,000		600		96.47%	96.67%	96.57%
1,1,2,2-Tetrachloroethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	U	ND	U	3.1	J/J	NC	NC	NC
1,1-Dichloroethane	ppbv	2,200		2,100		90		95.71%	95.91%	95.81%
1,1-Dichloroethene	ppbv	ND	U	ND	U	120		NC	NC	NC
1,2-Dichloroethane	ppbv	530		510		18		96.47%	96.60%	96.54%
1,2-Dichloropropane	ppbv	140	J/J	130	J/J	5.8	J/J	NC	NC	NC
2-Butanone (Methyl Ethyl Ketone)	ppbv	5,200		4,700		200		95.74%	96.15%	95.95%
2-Hexanone	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
4-Methyl-2-pentanone	ppbv	3,000		3,000		54		98.20%	98.20%	98.20%
Acetone	ppbv	5,600		5,300		430		91.89%	92.32%	92.10%
Benzene	ppbv	11,000		10,000		560		94.40%	94.91%	94.65%
Bromodichloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Bromoform	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Bromomethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Carbon Disulfide	ppbv	230	J/J	230	J/J	ND	U	NC	NC	NC
Carbon Tetrachloride	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Chlorobenzene	ppbv	ND	U	ND	U	3.5	J/J	NC	NC	NC
Chloroethane	ppbv	510		520		26		94.90%	95.00%	94.95%
Chloroform	ppbv	1,200		1,100		48		95.64%	96.00%	95.82%
Chloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
cis-1,2-Dichloroethene	ppbv	9,600		9,200		480		94.78%	95.00%	94.89%
cis-1,3-Dichloropropene	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Dibromochloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Ethyl Benzene	ppbv	6,500		6,800		180		97.23%	97.35%	97.29%
m,p-Xylene	ppbv	26,000		28,000		620		97.62%	97.79%	97.70%
Methylene Chloride	ppbv	11,000		11,000		480		95.64%	95.64%	95.64%
o-Xylene	ppbv	10,000		11,000		260		97.40%	97.64%	97.52%
Styrene	ppbv	ND	U	ND	U	40		NC	NC	NC
Tetrachloroethene	ppbv	15,000		16,000		860		94.27%	94.63%	94.45%
Toluene	ppbv	55,000		57,000		1,700		96.91%	97.02%	96.96%
trans-1,2-Dichloroethene	ppbv	ND	U	ND	U	50		NC	NC	NC
trans-1,3-Dichloropropene	ppbv	ND	U/R	ND	U/R	ND	U/R	NC	NC	NC
Trichloroethene	ppbv	11,000		11,000		500		95.45%	95.45%	95.45%
Vinyl Chloride	ppbv	840		750		ND	U	NC	NC	NC
Total	**ppbv**	**192,550**		**195,340**		**7,328.4**		**96.19%**	**96.25%**	**96.22%**
Total	**lb/hr**	**4.941**		**5.031**		**0.189**		**96.16%**	**96.23%**	**96.20%**

Notes:

NC = Not calculated
ND = Non-detect
ppbv = parts per billion volume
lb/hr = pounds per hour

Qualifiers:

J = Result is estimated
U = below reported quantitation limit
R = Quality control indicates the data is not usable
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Therm-Ox 2 VOC lb/hr based on 1817 scfm, 60 (influent) and 150 (effluent) degrees Fahrenheit (2/17/06).
Destruction efficiencies were not calculated if either influent or effluent samples were estimated.
Destruction efficiencies were also not calculated if the effluent result exceeded either influent result.

Table 3.6
Thermal Oxidizer 2 Results for Method TO-14 (VOCs) - March 2006
American Chemical Service
Griffith, Indiana

		Sampled 3/6/06								
		Therm-Ox 2						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
,1,1-Trichloroethane	ppbv	18,000		18,000		620		96.56%	96.56%	96.56%
,1,2,2-Tetrachloroethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
,1,2-Trichloroethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
,1-Dichloroethane	ppbv	2,600		2,500		84		96.64%	96.77%	96.70%
,1-Dichloroethene	ppbv	ND	U	150	J	120		NC	NC	NC
,2-Dichloroethane	ppbv	590		650		19		96.78%	97.08%	96.93%
,2-Dichloropropane	ppbv	ND	U	240	J	ND	U	NC	NC	NC
-Butanone (Methyl Ethyl Ketone)	ppbv	7,600		5,900		180		96.95%	97.63%	97.29%
-Hexanone	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
-Methyl-2-pentanone	ppbv	5,100		4,600		72		98.43%	98.59%	98.51%
cetone	ppbv	13,000		6,800		450		93.38%	96.54%	94.96%
enzene	ppbv	10,000		10,000		480		95.20%	95.20%	95.20%
romodichloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
romoform	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
romomethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
arbon Disulfide	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
arbon Tetrachloride	ppbv	ND	U	ND	U	3.8	J	NC	NC	NC
hlorobenzene	ppbv	ND	U	ND	U	3	J	NC	NC	NC
hloroethane	ppbv	270		ND	U	13		NC	NC	NC
hloroform	ppbv	1,300		1,400		51		96.08%	96.36%	96.22%
hloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
is-1,2-Dichloroethene	ppbv	7,600		6,300		340		94.60%	95.53%	95.06%
is-1,3-Dichloropropene	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
ibromochloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
thyl Benzene	ppbv	8,800		8,800		180		97.95%	97.95%	97.95%
m,p-Xylene	ppbv	40,000		39,000		710		98.18%	98.23%	98.20%
Methylene Chloride	ppbv	14,000		15,000		530		96.21%	96.47%	96.34%
-Xylene	ppbv	16,000		16,000		290		98.19%	98.19%	98.19%
tyrene	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
etrachloroethene	ppbv	17,000		16,000		710		95.56%	95.82%	95.69%
oluene	ppbv	70,000		71,000		1,800		97.43%	97.46%	97.45%
ans-1,2-Dichloroethene	ppbv	ND	U	ND	U	36		NC	NC	NC
ans-1,3-Dichloropropene	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
richloroethene	ppbv	11,000		11,000		400		96.36%	96.36%	96.36%
inyl Chloride	ppbv	440		240	J	62		74.17%	85.91%	80.04%
otal	**ppbv**	**243,300**		**233,580**		**7,153.8**		**96.94%**	**97.06%**	**97.00%**
otal	**lb/hr**	**6.176**		**5.995**		**0.18330**		**96.94%**	**97.03%**	**96.99%**

Notes:

NC = Not calculated
ND = Non-detect
ppbv = parts per billion volume
lb/hr = pounds per hour

Qualifiers:

J = Result is estimated
U = below reported quantitation limit
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Therm-Ox 2 VOC lb/hr based on 1830 scfm, 60 (influent) and 150 (effluent) degrees Fahrenheit (3/6/06).
Destruction efficiencies were not calculated if either influent or effluent samples were estimated.
Destruction efficiencies were also not calculated if the effluent result exceeded either influent result.

Table 3.7
SBPA and Off-Site ISVE System Results
for Method TO-14 (VOCs) - January 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 1/9/2006			
		SBPA ISVE		Off-Site ISVE	
1,1,1-Trichloroethane	ppbv	24,000		18,000	
1,1,2,2-Tetrachloroethane	ppbv	ND	U	ND	U
1,1,2-Trichloroethane	ppbv	ND	U	ND	U
1,1-Dichloroethane	ppbv	2,900		2,100	
1,1-Dichloroethene	ppbv	840		620	
1,2-Dichloroethane	ppbv	250	J	600	
1,2-Dichloropropane	ppbv	360		160	J
2-Butanone (Methyl Ethyl Ketone)	ppbv	ND	U	6,700	
2-Hexanone	ppbv	ND	U	ND	U
4-Methyl-2-pentanone	ppbv	ND	U	3,800	
Acetone	ppbv	940	J	7,400	
Benzene	ppbv	7,200		13,000	
Bromodichloromethane	ppbv	ND	U	ND	U
Bromoform	ppbv	ND	U	ND	U
Bromomethane	ppbv	ND	U	ND	U
Carbon Disulfide	ppbv	ND	U	ND	U
Carbon Tetrachloride	ppbv	ND	U	ND	U
Chlorobenzene	ppbv	ND	U	ND	U
Chloroethane	ppbv	410		ND	U
Chloroform	ppbv	6,200		1,400	
Chloromethane	ppbv	ND	U	ND	U
cis-1,2-Dichloroethene	ppbv	22,000		2,600	
cis-1,3-Dichloropropene	ppbv	ND	U	ND	U
Dibromochloromethane	ppbv	ND	U	ND	U
Ethyl Benzene	ppbv	10,000		12,000	
m,p-Xylene	ppbv	66,000		54,000	
Methylene Chloride	ppbv	5,800		20,000	
o-Xylene	ppbv	34,000		20,000	
Styrene	ppbv	ND	U	ND	U
Tetrachloroethene	ppbv	41,000		18,000	
Toluene	ppbv	66,000		76,000	
trans-1,2-Dichloroethene	ppbv	160	J	ND	U
trans-1,3-Dichloropropene	ppbv	ND	U	ND	U
Trichloroethene	ppbv	23,000		12,000	
Vinyl Chloride	ppbv	1,200		120	J
Total	**ppbv**	**312,260**		**268,500**	
Total	**lb/hr**	**8.343**		**7.989**	

Notes:

ND = Non-detect

ppbv = parts per billion volume

lb/hr = pounds per hour

Qualifiers:

J = Result is estimated

U = below reported quantitation limit

_/ = Laboratory data qualifier

/_ = Data validation qualifier

1/9/06 VOCs in lb/hr calculated based on Offsite: 1812 scfm, 60 degrees Fahrenheit (1/9/06)
On-site: 1551 scfm, 80 degrees Fahrenheit (1/9/06)

Table 3.8
SBPA and Off-Site ISVE System Results
for Method TO-14 (VOCs) - February 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 2/17/2006 SBPA ISVE		Off-Site ISVE	
1,1,1-Trichloroethane	ppbv	26,000		22,000	
1,1,2,2-Tetrachloroethane	ppbv	ND	U	ND	U
1,1,2-Trichloroethane	ppbv	ND	U	120	J/J
1,1-Dichloroethane	ppbv	2,600		2,400	
1,1-Dichloroethene	ppbv	100	J/J	ND	U
1,2-Dichloroethane	ppbv	290		640	
1,2-Dichloropropane	ppbv	380		170	J/J
2-Butanone (Methyl Ethyl Ketone)	ppbv	ND	U	8,200	
2-Hexanone	ppbv	ND	U	ND	U
4-Methyl-2-pentanone	ppbv	ND	U	4,800	
Acetone	ppbv	990		8,700	
Benzene	ppbv	6,000		12,000	
Bromodichloromethane	ppbv	ND	U	ND	U
Bromoform	ppbv	ND	U	ND	U
Bromomethane	ppbv	ND	U	ND	U
Carbon Disulfide	ppbv	310	J/J	160	J/J
Carbon Tetrachloride	ppbv	ND	U	ND	U
Chlorobenzene	ppbv	ND	U	ND	U
Chloroethane	ppbv	260		ND	U
Chloroform	ppbv	7,000		1,500	
Chloromethane	ppbv	ND	U	ND	U
cis-1,2-Dichloroethene	ppbv	18,000		2,400	
cis-1,3-Dichloropropene	ppbv	ND	U	ND	U
Dibromochloromethane	ppbv	ND	U	ND	U
Ethyl Benzene	ppbv	6,700		10,000	
m,p-Xylene	ppbv	37,000		41,000	
Methylene Chloride	ppbv	4,800		16,000	
o-Xylene	ppbv	23,000		16,000	
Styrene	ppbv	ND	U	670	
Tetrachloroethene	ppbv	37,000		16,000	
Toluene	ppbv	52,000		75,000	
trans-1,2-Dichloroethene	ppbv	ND	U	ND	U
trans-1,3-Dichloropropene	ppbv	ND	U/R	ND	U/R
Trichloroethene	ppbv	25,000		12,000	
Vinyl Chloride	ppbv	990		230	J/J
Total	**ppbv**	**248,420**		**249,990**	
Total	**lb/hr**	**6.505**		**6.346**	

Notes:
ND = Non-detect
ppbv = parts per billion volume
lb/hr = pounds per hour

Qualifiers:
J = Result is estimated
U = below reported quantitation limit
R = Quality control indicates the data is not usable
_/ = Laboratory data qualifier
/_ = Data validation qualifier

2/17/06 VOCs in lb/hr calculated based on Offsite: 1817 scfm, 58 degrees Fahrenheit (1/9/06)
On-site: 1680 scfm, 86 degrees Fahrenheit (2/17/06)

Table 3.9
SBPA and Off-Site ISVE System Results for Method TO-14 (VOCs) - March 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 3/6/2006			
		SBPA ISVE		Off-Site ISVE	
1,1,1-Trichloroethane	ppbv	32,000		26,000	
1,1,2,2-Tetrachloroethane	ppbv	ND	U	ND	U
1,1,2-Trichloroethane	ppbv	ND	U	ND	U
1,1-Dichloroethane	ppbv	3,300		3,200	
1,1-Dichloroethene	ppbv	320	J	230	J
1,2-Dichloroethane	ppbv	480		810	
1,2-Dichloropropane	ppbv	710		210	J
2-Butanone (Methyl Ethyl Ketone)	ppbv	ND	U	11,000	
2-Hexanone	ppbv	ND	U	ND	U
4-Methyl-2-pentanone	ppbv	810	J	6,600	
Acetone	ppbv	990	J	11,000	
Benzene	ppbv	6,900		14,000	
Bromodichloromethane	ppbv	ND	U	ND	U
Bromoform	ppbv	ND	U	ND	U
Bromomethane	ppbv	ND	U	ND	U
Carbon Disulfide	ppbv	ND	U	ND	U
Carbon Tetrachloride	ppbv	ND	U	ND	U
Chlorobenzene	ppbv	110	J	ND	U
Chloroethane	ppbv	ND	U	ND	U
Chloroform	ppbv	7,900		1,800	
Chloromethane	ppbv	ND	U	ND	U
cis-1,2-Dichloroethene	ppbv	21,000		2,700	
cis-1,3-Dichloropropene	ppbv	ND	U	ND	U
Dibromochloromethane	ppbv	ND	U	ND	U
Ethyl Benzene	ppbv	11,000		14,000	
m,p-Xylene	ppbv	63,000		61,000	
Methylene Chloride	ppbv	6,400		23,000	
o-Xylene	ppbv	37,000		23,000	
Styrene	ppbv	ND	U	ND	U
Tetrachloroethene	ppbv	53,000		23,000	
Toluene	ppbv	78,000		100,000	
trans-1,2-Dichloroethene	ppbv	350	J	ND	U
trans-1,3-Dichloropropene	ppbv	ND	U	ND	U
Trichloroethene	ppbv	27,000		15,000	
Vinyl Chloride	ppbv	760		330	J
Total	**ppbv**	**351,030**		**336,880**	
Total	**lb/hr**	**8.869**		**8.624**	

Notes:

ND = Non-detect

ppbv = parts per billion volume

lb/hr = pounds per hour

Qualifiers:

J = Result is estimated

U = below reported quantitation limit

_/ = Laboratory data qualifier

/_ = Data validation qualifier

3/6/06 VOCs in lb/hr calculated based on Offsite: 1830 scfm, 40 degrees Fahrenheit (3/6/06)
On-site: 1630 scfm, 80 degrees Fahrenheit (3/6/06)

Table 3.10
Thermal Oxidizer 1 Results for Method TO-13 (SVOCs) - January 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 1/9/06								
		Therm-Ox 1						Destruction Efficiency		
		Influent		Influent Dup		Effluent		Low	High	Average
1,2,4-Trichlorobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
1,2-Dichlorobenzene	µg	28		34		ND	U	100.00%	100.00%	100.00%
1,3-Dichlorobenzene	µg	2.3		2.9		ND	U	100.00%	100.00%	100.00%
1,4-Dichlorobenzene	µg	6.1		7.6		ND	U	100.00%	100.00%	100.00%
2,4,5-Trichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dimethylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dinitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dinitrotoluene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,6-Dinitrotoluene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Chloronaphthalene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Chlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Methylnaphthalene	µg	8.7		12		ND	U	100.00%	100.00%	100.00%
2-Methylphenol (o-Cresol)	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Nitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND	U	ND	U	ND	U	NC	NC	NC
3-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chloro-3-methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chloroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Methylphenol/3-Methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Nitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Acenaphthene	µg	ND	U	ND	U	0.31	J	NC	NC	NC
Acenaphthylene	µg	ND	U	ND	U	0.27	J	NC	NC	NC
Anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(a)anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(a)pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(b)fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND	U	ND	U	0.35	J	NC	NC	NC
Benzo(k)fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Chloroethyl) Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	0.71	J	1	J	1.5		NC	NC	NC
Butylbenzylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Chrysene	µg	ND	U	ND	U	0.36	J	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Dibenzofuran	µg	ND	U	ND	U	ND	U	NC	NC	NC
Diethylphthalate	µg	0.66	J	ND	U	ND	U	NC	NC	NC
Dimethylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
di-n-Butylphthalate	µg	0.99	J	ND	U	ND	U	NC	NC	NC
Di-n-Octylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Fluorene	µg	ND	U	ND	U	0.38	J	NC	NC	NC
Hexachlorobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachlorobutadiene	µg	4		5.1		ND	U	100.00%	100.00%	100.00%
Hexachlorocyclopentadiene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachloroethane	µg	ND	U	ND	U	ND	U	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND	U	ND	U	0.3	J	NC	NC	NC

Table 3.10
Thermal Oxidizer 1 Results for Method TO-13 (SVOCs) - January 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 1/9/06								
		Therm-Ox 1						Destruction Efficiency		
		Influent		Influent Dup		Effluent		Low	High	Average
Isophorone	µg	1.6		1.8		ND	U	100.00%	100.00%	100.00%
Naphthalene	µg	13		18		0.77	J	NC	NC	NC
Nitrobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND	U	ND	U	ND	U	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND	U	ND	U	ND	U	NC	NC	NC
Pentachlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Phenanthrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Phenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Total	µg	**66.06**		**82.40**		**4.24**		**93.58%**	**94.85%**	**94.22%**

Notes:
µg = Microgram
NC = Not calculated
ND = Non-detect

Qualifiers:
J = Result is estimated
U = below reported quantitation limit
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Table 3.11
Thermal Oxidizer 1 Results for Method TO-13 (SVOCs) - February 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 2/17/06								
		Therm-Ox 1						Destruction Efficiency		
		Influent		Influent Dup		Effluent		Low	High	Average
1,2,4-Trichlorobenzene	µg	0.45	J	0.64	J	ND	U	NC	NC	NC
1,2-Dichlorobenzene	µg	46		55		ND	U	100.00%	100.00%	100.00%
1,3-Dichlorobenzene	µg	3.6		4.2		ND	U	100.00%	100.00%	100.00%
1,4-Dichlorobenzene	µg	9.8		12		ND	U	100.00%	100.00%	100.00%
2,4,5-Trichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dimethylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dinitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dinitrotoluene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,6-Dinitrotoluene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Chloronaphthalene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Chlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Methylnaphthalene	µg	14		18		ND	U	100.00%	100.00%	100.00%
2-Methylphenol (o-Cresol)	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Nitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
3,3-Dichlorobenzidine	µg	ND	U	ND	U	ND	U	NC	NC	NC
3-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chloro-3-methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chloroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Methylphenol/3-Methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Nitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Acenaphthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Acenaphthylene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(a)anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(a)pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(b)fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(k)fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Chloroethyl) Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	ND	U	0.9	J	4.2	J	NC	NC	NC
Butylbenzylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Chrysene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Dibenzofuran	µg	ND	U	ND	U	ND	U	NC	NC	NC
Diethylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Dimethylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
di-n-Butylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Di-n-Octylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Fluorene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachlorobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachlorobutadiene	µg	5.3		7.1		ND	U	100.00%	100.00%	100.00%
Hexachlorocyclopentadiene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachloroethane	µg	ND	U	ND	U	ND	U	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Isophorone	µg	1.4		1.6		ND	U	100.00%	100.00%	100.00%

Table 3.11
Thermal Oxidizer 1 Results for Method TO-13 (SVOCs) - February 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 2/17/06								
		Therm-Ox 1						Destruction Efficiency		
		Influent		Influent Dup		Effluent		Low	High	Average
Naphthalene	µg	19		22		0.68	J	NC	NC	NC
Nitrobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND	U	ND	U	ND	U	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND	U	ND	U	ND	U	NC	NC	NC
Pentachlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Phenanthrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Phenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Total	µg	99.55		121.44		4.88		95.10%	95.98%	95.54%

Notes:

µg = Microgram
NC = Not calculated
ND = Non-detect

Qualifiers:

J = Result is estimated
U = below reported quantitation limit
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Table 3.12
Thermal Oxidizer 1 Results for Method TO-13 (SVOCs) - March 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 3/6/06								
		Therm-Ox 1						Destruction Efficiency		
		Influent		Influent Dup		Effluent		Low	High	Average
1,2,4-Trichlorobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
1,2-Dichlorobenzene	µg	1.1		39		ND	U	100.00%	100.00%	100.00%
1,3-Dichlorobenzene	µg	ND	U	3		ND	U	NC	NC	NC
1,4-Dichlorobenzene	µg	ND	U	8.6		ND	U	NC	NC	NC
2,4,5-Trichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dimethylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dinitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dinitrotoluene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,6-Dinitrotoluene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Chloronaphthalene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Chlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Methylnaphthalene	µg	ND	U	13		ND	U	NC	NC	NC
2-Methylphenol (o-Cresol)	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Nitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND	U	ND	U	ND	U	NC	NC	NC
3-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chloro-3-methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chloroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Methylphenol/3-Methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Nitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Acenaphthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Acenaphthylene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(a)anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(a)pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(b)fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(k)fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Chloroethyl) Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	0.68	J	0.63	J	ND	U	NC	NC	NC
Butylbenzylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Chrysene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Dibenzofuran	µg	ND	U	ND	U	ND	U	NC	NC	NC
Diethylphthalate	µg	0.8	J	0.91	J	ND	U	NC	NC	NC
Dimethylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
di-n-Butylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Di-n-Octylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Fluorene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachlorobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachlorobutadiene	µg	ND	U	5.2		ND	U	NC	NC	NC
Hexachlorocyclopentadiene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachloroethane	µg	ND	U	ND	U	ND	U	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Isophorone	µg	ND	U	2.2		ND	U	NC	NC	NC

Table 3.12
Thermal Oxidizer 1 Results for Method TO-13 (SVOCs) - March 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 3/6/06								
		Therm-Ox 1						Destruction Efficiency		
		Influent		Influent Dup		Effluent		Low	High	Average
Naphthalene	µg	0.34	J	17		ND	U	NC	NC	NC
Nitrobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND	U	ND	U	ND	U	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND	U	ND	U	ND	U	NC	NC	NC
Pentachlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Phenanthrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Phenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Total	µg	2.92		89.54		0.00		100.00%	100.00%	100.00%

Notes:

µg = Microgram
NC = Not calculated
ND = Non-detect

Qualifiers:

J = Result is estimated
U = below reported quantitation limit
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Table 3.13
Thermal Oxidizer 2 Results for Method TO-13 (SVOCs) - January 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 1/9/06								
		Therm-Ox 2						Destruction Efficiency		
		Influent		Influent Dup		Effluent		Low	High	Average
1,2,4-Trichlorobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
1,2-Dichlorobenzene	µg	11		13		1.2		89.09%	90.77%	89.93%
1,3-Dichlorobenzene	µg	0.44	J	0.58	J	ND	U	NC	NC	NC
1,4-Dichlorobenzene	µg	1.3		1.7		ND	U	100.00%	100.00%	100.00%
2,4,5-Trichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dimethylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dinitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dinitrotoluene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,6-Dinitrotoluene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Chloronaphthalene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Chlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Methylnaphthalene	µg	0.99	J	0.87	J	ND	U	NC	NC	NC
2-Methylphenol (o-Cresol)	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Nitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND	U	ND	U	ND	U	NC	NC	NC
3-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chloro-3-methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chloroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Methylphenol/3-Methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Nitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Acenaphthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Acenaphthylene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(a)anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(a)pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(b)fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(k)fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Chloroethyl) Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	0.83	J	0.71	J	11		NC	NC	NC
Butylbenzylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Chrysene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Dibenzofuran	µg	ND	U	ND	U	ND	U	NC	NC	NC
Diethylphthalate	µg	ND	U	0.51	J	ND	U	NC	NC	NC
Dimethylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
di-n-Butylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Di-n-Octylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Fluorene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachlorobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachlorobutadiene	µg	0.67	J	0.91	J	ND	U	NC	NC	NC
Hexachlorocyclopentadiene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachloroethane	µg	ND	U	ND	U	ND	U	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Isophorone	µg	3.9		3.6		ND	U	100.00%	100.00%	100.00%

Table 3.13
Thermal Oxidizer 2 Results for Method TO-13 (SVOCs) - January 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 1/9/06								
		Therm-Ox 2						Destruction Efficiency		
		Influent		Influent Dup		Effluent		Low	High	Average
Naphthalene	µg	5.2		5.4		1.8		65.38%	66.67%	66.03%
Nitrobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND	U	ND	U	ND	U	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND	U	ND	U	ND	U	NC	NC	NC
Pentachlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Phenanthrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Phenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Total	µg	**24.33**		**27.28**		**14.00**		**42.46%**	**48.68%**	**45.57%**

Notes:
µg = Microgram
NC = Not calculated
ND = Non-detect

Qualifiers:
J = Result is estimated
U = below reported quantitation limit
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Table 3.14
Thermal Oxidizer 2 Results for Method TO-13 (SVOCs) - February 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 2/17/06								
		Therm-Ox 2						Destruction Efficiency		
		Influent		Influent Dup		Effluent		Low	High	Average
1,2,4-Trichlorobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
1,2-Dichlorobenzene	µg	7		11		1		85.71%	90.91%	88.31%
1,3-Dichlorobenzene	µg	ND	U	0.45	J	ND	U	NC	NC	NC
1,4-Dichlorobenzene	µg	0.95	J	1.4		ND	U	NC	NC	NC
2,4,5-Trichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dimethylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dinitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dinitrotoluene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,6-Dinitrotoluene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Chloronaphthalene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Chlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Methylnaphthalene	µg	0.56	J	0.69	J	ND	U	NC	NC	NC
2-Methylphenol (o-Cresol)	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Nitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND	U	ND	U	ND	U	NC	NC	NC
3-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chloro-3-methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chloroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Methylphenol/3-Methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Nitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Acenaphthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Acenaphthylene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(a)anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(a)pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(b)fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(k)fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Chloroethyl) Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	ND	U	ND	U	1.3	J	NC	NC	NC
Butylbenzylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Chrysene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Dibenzofuran	µg	ND	U	ND	U	ND	U	NC	NC	NC
Diethylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Dimethylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
di-n-Butylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Di-n-Octylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Fluorene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachlorobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachlorobutadiene	µg	0.35	J	0.46	J	ND	U	NC	NC	NC
Hexachlorocyclopentadiene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachloroethane	µg	ND	U	ND	U	ND	U	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Isophorone	µg	1.5		2.0		ND	U	100.00%	100.00%	100.00%

Table 3.14
Thermal Oxidizer 2 Results for Method TO-13 (SVOCs) - February 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 2/17/06								
		Therm-Ox 2						Destruction Efficiency		
		Influent		Influent Dup		Effluent		Low	High	Average
Naphthalene	µg	3.0		3.9		1.3		56.67%	66.67%	61.67%
Nitrobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND	U	ND	U	ND	U	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND	U	ND	U	ND	U	NC	NC	NC
Pentachlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Phenanthrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Phenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Total	µg	**13.36**		**19.90**		**3.60**		**73.05%**	**81.91%**	**77.48%**

Notes:
µg = Microgram
NC = Not calculated
ND = Non-detect

Qualifiers:
J = Result is estimated
U = below reported quantitation limit
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Table 3.15
Thermal Oxidizer 2 Results for Method TO-13 (SVOCs) - March 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 3/6/06								
		Therm-Ox 2						Destruction Efficiency		
		Influent		Influent Dup		Effluent		Low	High	Average
1,2,4-Trichlorobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
1,2-Dichlorobenzene	µg	14		16		1.3		90.71%	91.88%	91.29%
1,3-Dichlorobenzene	µg	0.54	J	0.54	J	ND	U	NC	NC	NC
1,4-Dichlorobenzene	µg	1.8		2		ND	U	100.00%	100.00%	100.00%
2,4,5-Trichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dichlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dimethylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dinitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,4-Dinitrotoluene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2,6-Dinitrotoluene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Chloronaphthalene	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Chlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Methylnaphthalene	µg	1.3		1.3		ND	U	100.00%	100.00%	100.00%
2-Methylphenol (o-Cresol)	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
2-Nitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND	U	ND	U	ND	U	NC	NC	NC
3-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chloro-3-methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chloroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Methylphenol/3-Methylphenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Nitroaniline	µg	ND	U	ND	U	ND	U	NC	NC	NC
4-Nitrophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Acenaphthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Acenaphthylene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(a)anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(a)pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(b)fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Benzo(k)fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Chloroethyl) Ether	µg	ND	U	ND	U	ND	U	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	1.7	J	0.41	J	2	J	NC	NC	NC
Butylbenzylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Chrysene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Dibenzofuran	µg	ND	U	ND	U	ND	U	NC	NC	NC
Diethylphthalate	µg	ND	U	ND	U	0.72	J	NC	NC	NC
Dimethylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
di-n-Butylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Di-n-Octylphthalate	µg	ND	U	ND	U	ND	U	NC	NC	NC
Fluoranthene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Fluorene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachlorobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachlorobutadiene	µg	0.67	J	0.85	J	ND	U	NC	NC	NC
Hexachlorocyclopentadiene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Hexachloroethane	µg	ND	U	ND	U	ND	U	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Isophorone	µg	3.7		3.9		ND	U	100.00%	100.00%	100.00%

Table 3.15
Thermal Oxidizer 2 Results for Method TO-13 (SVOCs) - March 2006
American Chemical Service
Griffith, Indiana

		Sampled 3/6/06								
		Therm-Ox 2						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
Naphthalene	µg	6.8		7.7		1.4		79.41%	81.82%	80.61%
Nitrobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND	U	ND	U	ND	U	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND	U	ND	U	ND	U	NC	NC	NC
Pentachlorophenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Phenanthrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Phenol	µg	ND	U	ND	U	ND	U	NC	NC	NC
Pyrene	µg	ND	U	ND	U	ND	U	NC	NC	NC
Total	µg	**30.51**		**32.70**		**5.42**		**82.24%**	**83.43%**	**82.83%**

Notes:
µg = Microgram
NC = Not calculated
ND = Non-detect

Qualifiers:
J = Result is estimated
U = below reported quantitation limit
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Table 3.16
SBPA and Off-Site ISVE System Results
for Method TO-13 (SVOCs) - January 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 1/9/2006			
		SBPA ISVE		Off-Site ISVE	
1,2,4-Trichlorobenzene	µg	0.67	J	1.4	
1,2-Dichlorobenzene	µg	65		40	
1,3-Dichlorobenzene	µg	5.4		1.4	
1,4-Dichlorobenzene	µg	14		4.6	
2,4,5-Trichlorophenol	µg	ND	U	ND	U
2,4,6-Trichlorophenol	µg	ND	U	ND	U
2,4-Dichlorophenol	µg	ND	U	ND	U
2,4-Dimethylphenol	µg	ND	U	ND	U
2,4-Dinitrophenol	µg	ND	U	ND	U
2,4-Dinitrotoluene	µg	ND	U	ND	U
2,6-Dinitrotoluene	µg	ND	U	ND	U
2-Chloronaphthalene	µg	ND	U	ND	U
2-Chlorophenol	µg	ND	U	ND	U
2-Methylnaphthalene	µg	23		10	
2-Methylphenol (o-Cresol)	µg	ND	U	ND	U
2-Nitroaniline	µg	ND	U	ND	U
2-Nitrophenol	µg	ND	U	ND	U
3,3'-Dichlorobenzidine	µg	ND	U	ND	U
3-Nitroaniline	µg	ND	U	ND	U
4,6-Dinitro-2-methylphenol	µg	ND	U	ND	U
4-Bromophenyl-phenyl Ether	µg	ND	U	ND	U
4-Chloro-3-methylphenol	µg	ND	U	ND	U
4-Chloroaniline	µg	ND	U	ND	U
4-Chlorophenyl-phenyl Ether	µg	ND	U	ND	U
4-Methylphenol/3-Methylphenol	µg	ND	U	ND	U
4-Nitroaniline	µg	ND	U	ND	U
4-Nitrophenol	µg	ND	U	ND	U
Acenaphthene	µg	ND	U	ND	U
Acenaphthylene	µg	ND	U	ND	U
Anthracene	µg	ND	U	ND	U
Benzo(a)anthracene	µg	ND	U	ND	U
Benzo(a)pyrene	µg	ND	U	ND	U
Benzo(b)fluoranthene	µg	ND	U	ND	U
Benzo(g,h,i)perylene	µg	ND	U	ND	U
Benzo(k)fluoranthene	µg	ND	U	ND	U
bis(2-Chloroethoxy) Methane	µg	ND	U	ND	U
bis(2-Chloroethyl) Ether	µg	ND	U	ND	U
bis(2-Ethylhexyl)phthalate	µg	3.2	J	2.8	J
Butylbenzylphthalate	µg	32		ND	U
Chrysene	µg	ND	U	ND	U
Dibenz(a,h)anthracene	µg	ND	U	ND	U
Dibenzofuran	µg	ND	U	ND	U
Diethylphthalate	µg	1.4	J	1.6	J
Dimethylphthalate	µg	ND	U	ND	U
di-n-Butylphthalate	µg	ND	U	ND	U
Di-n-Octylphthalate	µg	4	J	ND	U
Fluoranthene	µg	ND	U	ND	U
Fluorene	µg	ND	U	ND	U
Hexachlorobenzene	µg	ND	U	ND	U
Hexachlorobutadiene	µg	11		4.1	
Hexachlorocyclopentadiene	µg	ND	U	1.4	J
Hexachloroethane	µg	ND	U	ND	U
Indeno(1,2,3-c,d)pyrene	µg	ND	U	ND	U

Table 3.16
SBPA and Off-Site ISVE System Results
for Method TO-13 (SVOCs) - January 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 1/9/2006			
		SBPA ISVE		Off-Site ISVE	
Isophorone	µg	4.2		26	
Naphthalene	µg	37		47	
Nitrobenzene	µg	ND	U	ND	U
N-Nitroso-di-n-propylamine	µg	ND	U	ND	U
N-Nitrosodiphenylamine	µg	ND	U	ND	U
Pentachlorophenol	µg	ND	U	ND	U
Phenanthrene	µg	ND	U	ND	U
Phenol	µg	ND	U	ND	U
Pyrene	µg	ND	U	ND	U
Total	µg	**200.87**		**140.30**	

Notes:
µg = Microgram
ND = Non-detect

Qualifiers:
J = Result is estimated
U = below reported quantitation limit
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Table 3.17
SBPA and Off-Site ISVE System Results
for Method TO-13 (SVOCs) - February 2006
American Chemical Service
Griffith, Indiana

		Sampled 2/17/2006			
Compounds	Units	SBPA ISVE		Off-Site ISVE	
1,2,4-Trichlorobenzene	µg	0.5	J	0.97	J
1,2-Dichlorobenzene	µg	50		29	
1,3-Dichlorobenzene	µg	3.9		0.94	J
1,4-Dichlorobenzene	µg	11		3.3	
2,4,5-Trichlorophenol	µg	ND	U	ND	U
2,4,6-Trichlorophenol	µg	ND	U	ND	U
2,4-Dichlorophenol	µg	ND	U	ND	U
2,4-Dimethylphenol	µg	ND	U	ND	U
2,4-Dinitrophenol	µg	ND	U	ND	U
2,4-Dinitrotoluene	µg	ND	U	ND	U
2,6-Dinitrotoluene	µg	ND	U	ND	U
2-Chloronaphthalene	µg	ND	U	ND	U
2-Chlorophenol	µg	ND	U	ND	U
2-Methylnaphthalene	µg	13		6.4	
2-Methylphenol (o-Cresol)	µg	ND	U	ND	U
2-Nitroaniline	µg	ND	U	ND	U
2-Nitrophenol	µg	ND	U	ND	U
3,3'-Dichlorobenzidine	µg	ND	U	ND	U
3-Nitroaniline	µg	ND	U	ND	U
4,6-Dinitro-2-methylphenol	µg	ND	U	ND	U
4-Bromophenyl-phenyl Ether	µg	ND	U	ND	U
4-Chloro-3-methylphenol	µg	ND	U	ND	U
4-Chloroaniline	µg	ND	U	ND	U
4-Chlorophenyl-phenyl Ether	µg	ND	U	ND	U
4-Methylphenol/3-Methylphenol	µg	ND	U	ND	U
4-Nitroaniline	µg	ND	U	ND	U
4-Nitrophenol	µg	ND	U	ND	U
Acenaphthene	µg	ND	U	ND	U
Acenaphthylene	µg	ND	U	ND	U
Anthracene	µg	ND	U	ND	U
Benzo(a)anthracene	µg	ND	U	ND	U
Benzo(a)pyrene	µg	ND	U	ND	U
Benzo(b)fluoranthene	µg	ND	U	ND	U
Benzo(g,h,i)perylene	µg	ND	U	ND	U
Benzo(k)fluoranthene	µg	ND	U	ND	U
bis(2-Chloroethoxy) Methane	µg	ND	U	ND	U
bis(2-Chloroethyl) Ether	µg	ND	U	ND	U
bis(2-Ethylhexyl)phthalate	µg	1.6	J	0.87	J
Butylbenzylphthalate	µg	3.8	J	ND	U
Chrysene	µg	ND	U	ND	U
Dibenz(a,h)anthracene	µg	ND	U	ND	U
Dibenzofuran	µg	ND	U	ND	U
Diethylphthalate	µg	ND	U	ND	U
Dimethylphthalate	µg	ND	U	ND	U
di-n-Butylphthalate	µg	ND	U	ND	U
Di-n-Octylphthalate	µg	ND	U	ND	U
Fluoranthene	µg	ND	U	ND	U
Fluorene	µg	ND	U	ND	U
Hexachlorobenzene	µg	ND	U	ND	U
Hexachlorobutadiene	µg	6		2.2	
Hexachlorocyclopentadiene	µg	ND	U	ND	U
Hexachloroethane	µg	ND	U	ND	U
Indeno(1,2,3-c,d)pyrene	µg	ND	U	ND	U
Isophorone	µg	1.5		18	

Table 3.17
SBPA and Off-Site ISVE System Results
for Method TO-13 (SVOCs) - February 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 2/17/2006			
		SBPA ISVE		Off-Site ISVE	
Naphthalene	µg	19		33	
Nitrobenzene	µg	ND	U	ND	U
N-Nitroso-di-n-propylamine	µg	ND	U	ND	U
N-Nitrosodiphenylamine	µg	ND	U	ND	U
Pentachlorophenol	µg	ND	U	ND	U
Phenanthrene	µg	ND	U	ND	U
Phenol	µg	ND	U	ND	U
Pyrene	µg	ND	U	ND	U
Total	µg	**110.30**		**94.68**	

Notes:
µg = Microgram
ND = Non-detect

Qualifiers:
J = Result is estimated
U = below reported quantitation limit
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Table 3.18
SBPA and Off-Site ISVE System Results
for Method TO-13 (SVOCs) - March 2006
American Chemical Service
Griffith, Indiana

		Sampled 3/6/2006			
Compounds	Units	SBPA ISVE		Off-Site ISVE	
1,2,4-Trichlorobenzene	µg	0.53	J	ND	U
1,2-Dichlorobenzene	µg	51		0.36	J
1,3-Dichlorobenzene	µg	4.4		ND	U
1,4-Dichlorobenzene	µg	12		ND	U
2,4,5-Trichlorophenol	µg	ND	U	ND	U
2,4,6-Trichlorophenol	µg	ND	U	ND	U
2,4-Dichlorophenol	µg	ND	U	ND	U
2,4-Dimethylphenol	µg	ND	U	ND	U
2,4-Dinitrophenol	µg	ND	U	ND	U
2,4-Dinitrotoluene	µg	ND	U	ND	U
2,6-Dinitrotoluene	µg	ND	U	ND	U
2-Chloronaphthalene	µg	ND	U	ND	U
2-Chlorophenol	µg	ND	U	ND	U
2-Methylnaphthalene	µg	22		ND	U
2-Methylphenol (o-Cresol)	µg	ND	U	ND	U
2-Nitroaniline	µg	ND	U	ND	U
2-Nitrophenol	µg	ND	U	ND	U
3,3'-Dichlorobenzidine	µg	ND	U	ND	U
3-Nitroaniline	µg	ND	U	ND	U
4,6-Dinitro-2-methylphenol	µg	ND	U	ND	U
4-Bromophenyl-phenyl Ether	µg	ND	U	ND	U
4-Chloro-3-methylphenol	µg	ND	U	ND	U
4-Chloroaniline	µg	ND	U	ND	U
4-Chlorophenyl-phenyl Ether	µg	ND	U	ND	U
4-Methylphenol/3-Methylphenol	µg	ND	U	ND	U
4-Nitroaniline	µg	ND	U	ND	U
4-Nitrophenol	µg	ND	U	ND	U
Acenaphthene	µg	ND	U	ND	U
Acenaphthylene	µg	ND	U	ND	U
Anthracene	µg	ND	U	ND	U
Benzo(a)anthracene	µg	ND	U	ND	U
Benzo(a)pyrene	µg	ND	U	ND	U
Benzo(b)fluoranthene	µg	ND	U	ND	U
Benzo(g,h,i)perylene	µg	ND	U	ND	U
Benzo(k)fluoranthene	µg	ND	U	ND	U
bis(2-Chloroethoxy) Methane	µg	ND	U	ND	U
bis(2-Chloroethyl) Ether	µg	ND	U	ND	U
bis(2-Ethylhexyl)phthalate	µg	1.8	J	1.2	J
Butylbenzylphthalate	µg	ND	U	ND	U
Chrysene	µg	ND	U	ND	U
Dibenz(a,h)anthracene	µg	ND	U	ND	U
Dibenzofuran	µg	ND	U	ND	U
Diethylphthalate	µg	ND	U	0.72	J
Dimethylphthalate	µg	ND	U	ND	U
di-n-Butylphthalate	µg	ND	U	ND	U
Di-n-Octylphthalate	µg	ND	U	ND	U
Fluoranthene	µg	ND	U	ND	U
Fluorene	µg	ND	U	ND	U
Hexachlorobenzene	µg	ND	U	ND	U
Hexachlorobutadiene	µg	7.5		ND	U
Hexachlorocyclopentadiene	µg	ND	U	ND	U
Hexachloroethane	µg	ND	U	ND	U
Indeno(1,2,3-c,d)pyrene	µg	ND	U	ND	U
Isophorone	µg	3.3		ND	U

Table 3.18
SBPA and Off-Site ISVE System Results for Method TO-13 (SVOCs) - March 2006
American Chemical Service
Griffith, Indiana

		Sampled 3/6/2006			
Compounds	**Units**	**SBPA ISVE**		**Off-Site ISVE**	
Naphthalene	µg	27		0.5	J
Nitrobenzene	µg	ND	U	ND	U
N-Nitroso-di-n-propylamine	µg	ND	U	ND	U
N-Nitrosodiphenylamine	µg	ND	U	ND	U
Pentachlorophenol	µg	ND	U	ND	U
Phenanthrene	µg	ND	U	ND	U
Phenol	µg	ND	U	ND	U
Pyrene	µg	ND	U	ND	U
Total	µg	**129.53**		**2.78**	

Notes:
µg = Microgram
ND = Non-detect

Qualifiers:
J = Result is estimated
U = below reported quantitation limit
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Table 3.19
Off-Site In-Situ Vapor Extraction (ISVE) System Well Monitoring Data
First Quarter 2006
American Chemical Service NPL Site
Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)	Comments
SVE-01	1/24/2006	-	-	-	System Down
	2/21/2006	Water	95	-	PID Malfuctioned
	3/15/2006	Water	100	89	
SVE-02	1/24/2006	-	-	-	System Down
	2/21/2006	0	87	40	
	3/15/2006	320	92	15	
SVE-03	1/24/2006	-	-	-	System Down
	2/21/2006	Water	80	16	
	3/15/2006	Water	82	28	
SVE-04	1/24/2006	-	-	-	System Down
	2/21/2006	Water	>100	20	
	3/15/2006	Water	106	2	
SVE-05	1/24/2006	-	-	-	System Down
	2/21/2006	Water	91	-	PID Malfunctioned
	3/15/2006	Water	96	67	
SVE-06	1/24/2006	-	-	-	System Down
	2/21/2006	0	74	-	PID Malfunctioned
	3/15/2006	Water	76	61	
SVE-07	1/24/2006	-	-	-	System Down
	2/21/2006	32	68	6	
	3/15/2006	Water	70	3	
SVE-08	1/24/2006	-	-	-	System Down
	2/21/2006	130	84	79	
	3/15/2006	Water	88	14	
SVE-09	1/24/2006	-	-	-	System Down
	2/21/2006	40	30	91	
	3/15/2006	1180	28	45	
SVE-10	1/24/2006	-	-	-	System Down
	2/21/2006	-	28	133	
	3/15/2006	1700	32	60	
SVE-11	1/24/2006	-	-	-	System Down
	2/21/2006	-	86	125	
	3/15/2006	-	87	61	
SVE-12	1/24/2006	-	-	-	System Down
	2/21/2006	0	32	21	
	3/15/2006	Water	86	0	
SVE-13	1/24/2006	-	-	-	System Down
	2/21/2006	0	84	-	PID Malfunctioned
	3/15/2006	410	86	48	
SVE-14	1/24/2006	-	-	-	System Down
	2/21/2006	Water	50	-	PID Malfunctioned
	3/15/2006	Water	62	84	
SVE-15	1/24/2006	-	-	-	System Down
	2/21/2006	Water	38	-	PID Malfunctioned
	3/15/2006	Water	40	110	
SVE-16	1/24/2006	-	-	-	System Down
	2/21/2006	Water	48	-	PID Malfunctioned
	3/15/2006	-	55	93	
SVE-17	1/24/2006	-	-	-	System Down
	2/21/2006	Water	89	-	PID Malfunctioned
	3/15/2006	-	90	20	
SVE-18	1/24/2006	-	-	-	System Down
	2/21/2006	0	87	-	PID Malfunctioned
	3/15/2006	255	90	105	

Table 3.19
Off-Site In-Situ Vapor Extraction (ISVE) System Well Monitoring Data
First Quarter 2006
American Chemical Service NPL Site
Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)	Comments
SVE-19	1/24/2006	-	-	-	System Down
	2/21/2006	37	82	-	PID Malfunctioned
	3/15/2006	Water	84	68	
SVE-20	1/24/2006	-	-	-	System Down
	2/21/2006	12	48	-	PID Malfunctioned
	3/15/2006	475	51	78	
SVE-21	1/24/2006	-	-	-	System Down
	2/21/2006	Water	40	-	PID Malfunctioned
	3/15/2006	4800	50	77	
SVE-22	1/24/2006	-	-	-	System Down
	2/21/2006	37	86	-	PID Malfunctioned
	3/15/2006	-	88	42	
SVE-23	1/24/2006	-	-	-	System Down
	2/21/2006	56	36	-	PID Malfunctioned
	3/15/2006	Water	36	61	
SVE-24	1/24/2006	-	-	-	System Down
	2/21/2006	0	35	-	PID Malfunctioned
	3/15/2006	1100	38	80	
SVE-25	1/24/2006	-	-	-	System Down
	2/21/2006	Water	48	-	PID Malfunctioned
	3/15/2006	Water	50	83	
SVE-26	1/24/2006	-	-	-	System Down
	2/21/2006	Water	71	-	PID Malfunctioned
	3/15/2006	Water	75	113	
SVE-27	1/24/2006	-	-	-	System Down
	2/21/2006	20	87	-	PID Malfunctioned
	3/15/2006	Water	90	86	
SVE-28	1/24/2006	-	-	-	System Down
	2/21/2006	26	91	-	PID Malfunctioned
	3/15/2006	580	95	56	
SVE-29	1/24/2006	-	-	-	System Down
	2/21/2006	0	24	-	PID Malfunctioned
	3/15/2006	990	24	100	
SVE-30	1/24/2006	-	-	-	System Down
	2/21/2006	0	92	-	PID Malfunctioned
	3/15/2006	290	30	52	
SVE-31	1/24/2006	-	-	-	System Down
	2/21/2006	0	82	-	PID Malfunctioned
	3/15/2006	-	78	8	
SVE-32	1/24/2006	-	-	-	System Down
	2/21/2006	27	60	-	PID Malfunctioned
	3/15/2006	1260	62	11	
SVE-33	1/24/2006	-	-	-	System Down
	2/21/2006	0	88	-	PID Malfunctioned
	3/15/2006	290	92	14	
SVE-34	1/24/2006	-	-	-	System Down
	2/21/2006	47	60	-	PID Malfunctioned
	3/15/2006	1490	62	42	
SVE-35	1/24/2006	-	-	-	System Down
	2/21/2006	95	48	-	PID Malfunctioned
	3/15/2006	3700	50	16	
SVE-36	1/24/2006	-	-	-	System Down
	2/21/2006	0	91	-	PID Malfunctioned
	3/15/2006	425	92	42	

Table 3.19
Off-Site In-Situ Vapor Extraction (ISVE) System Well Monitoring Data
First Quarter 2006
American Chemical Service NPL Site
Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)	Comments
SVE-37	1/24/2006	-	-	-	System Down
	2/21/2006	0	>100	-	PID Malfunctioned
	3/15/2006	-	106	13	
SVE-38	1/24/2006	-	-	-	System Down
	2/21/2006	71	62	-	PID Malfunctioned
	3/15/2006	2665	65	61	
SVE-39	1/24/2006	-	-	-	System Down
	2/21/2006	39	40	-	PID Malfunctioned
	3/15/2006	1200	42	10	
SVE-40	1/24/2006	-	-	-	System Down
	2/21/2006	55	42	-	PID Malfunctioned
	3/15/2006	-	46	58	
SVE-41	1/24/2006	-	-	-	System Down
	2/21/2006	0	42	-	PID Malfunctioned
	3/15/2006	975	48	19	
SVE-42	1/24/2006	-	-	-	System Down
	2/21/2006	0	81	-	PID Malfunctioned
	3/15/2006	360	84	44	

Notes:

"-" = data not collected

"Water" = water present in vapor stream, preventing data collection

Beginning in March 2006, flow is measured using a VelociCalc 8384 flow meter.

Differential pressure is no longer measured.

Table 3.20
Off-Site In-Situ Vapor Extraction (ISVE) System Header Monitoring Data - First Quarter 2006
American Chemical Service NPL Site
Griffith, Indiana

Date	KP1 Line Press (psia)	KP1 Flow (scfm)	KP1 Vac (" H_2O)	KP2 Line Press (psia)	KP2 Flow (scfm)	KP2 Vac (" H_2O)	OFCA1 Vac (" H_2O)	OFCA2 Vac (" H_2O)	OFCA3 Vac (" H_2O)	Dilution Flow (cfm)	Blower Inf Line Press (psia)	Blower Inf Flow (scfm)
1/24/2006	NM	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
2/21/2006	11.6	-	86	11.6	0	86	84	76	85	0	11.4	1200
3/15/2006	11.6	-	90	11.6	-	88	88	80	90	0	11.4	1198

Date	Blower Inf Vac (" H2O)	Blower Inf VOC (ppm)	Blower Inf Temp. (°F)	Blower Eff Line Press (psia)	Blower Eff Flow (scfm)	Blower Eff Press (" H_2O)	Blower Eff VOC (ppm)	Blower Eff Temp. (°F)	Filter Diff Press (" H_2O)	Ambient Temperature (°F)	Barometric Pressure ("Hg)	Humidity (%)
1/24/2006	NM	-	NM	NM	NM	NM	-	NM	NM	34	29.79	87%
2/21/2006	92	-	54	15.2	573	15.0	-	144	5.0	29	29.92	65%
3/15/2006	95	-	56	15.3	595	13.0	-	148	5.0	42	30.15	60%

Notes:

"-" = data not collected
scfm = standard cubic feet per minute
" H_20 = inches of water
ppm = parts per million
VOCs = volatile organic compounds
psia = pounds per square inch, atmosphere
" Hg = inches of mercury
°F #NAME?

JEF/CAD
J:\209\0603 ACS\0301 GWTP\6030301a182\Table 3.20

Table 3.21
SBPA In-Situ Vapor Extraction (ISVE) System Well Monitoring Data
First Quarter 2006
American Chemical Service NPL Site
Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)	Comments
SVE-43	1/24/2006	27	62	505	
	2/21/2006	0	68	288	
	3/15/2006	250	50	96	
SVE-44	1/24/2006	0	61	725	
	2/21/2006	12	71	305	
	3/15/2006	460	54	105	
SVE-45	1/24/2006	0	60	1048	
	2/21/2006	0	70	637	
	3/15/2006	500	56	210	
SVE-46	1/24/2006	-	-	-	
	2/21/2006	-	-	-	
	3/15/2006	820.00	56.00	105	
SVE-47	1/24/2006	0	65	1362	
	2/21/2006	0	75	1038	
	3/15/2006	270	60	490	
SVE-48	1/24/2006	0	71	2808	
	2/21/2006	26	78	1506	
	3/15/2006	465	82	790	
SVE-49	1/24/2006	0	86	1537	
	2/21/2006	0	95	1378	
	3/15/2006	419	-	-	Air injection well
SVE-50	1/24/2006	-	-	-	Air injection well
	2/21/2006	-	-	-	Air injection well
	3/15/2006	810	46	61	
SVE-51	1/24/2006	0	90	1062	
	2/21/2006	0	>100	828	
	3/15/2006	402	-	-	Air injection well
SVE-52	1/24/2006	-	-	-	
	2/21/2006	-	-	-	
	3/15/2006	-	-	-	
SVE-53	1/24/2006	-	-	-	
	2/21/2006	-	-	-	
	3/15/2006	-	-	-	
SVE-54	1/24/2006	-	-	-	Air injection well
	2/21/2006	-	-	-	Air injection well
	3/15/2006	510	72	385	
SVE-55	1/24/2006	0	63	1881	
	2/21/2006	0	67	813	
	3/15/2006	585	51	372	
SVE-56	1/24/2006	0	58	1662	
	2/21/2006	0	70	613	
	3/15/2006	440	52	325	
SVE-57	1/24/2006	43	86	1709	
	2/21/2006	23	78	703	
	3/15/2006	490	78	367	
SVE-58	1/24/2006	0	64	417	
	2/21/2006	0	74	290	
	3/15/2006	370	58	143	
SVE-59	1/24/2006	16	94	1894	
	2/21/2006	0	100	615	
	3/15/2006	305	88	520	
SVE-60	1/24/2006	0	84	3826	
	2/21/2006	0	93	1914	
	3/15/2006	250	78	555	

Table 3.21
SBPA In-Situ Vapor Extraction (ISVE) System Well Monitoring Data
First Quarter 2006
American Chemical Service NPL Site
Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)	Comments
SVE-61	1/24/2006	-	-	-	
	2/21/2006	-	-	-	
	3/15/2006	-	-	-	
SVE-62	1/24/2006	-	-	-	
	2/21/2006	-	-	-	
	3/15/2006	-	-	-	
SVE-63	1/24/2006	0	57	1405	
	2/21/2006	29	66	555	
	3/15/2006	-	-	-	
SVE-64	1/24/2006	0	58	4157	
	2/21/2006	0	68	1901	
	3/15/2006	-	-	-	
SVE-65	1/24/2006	0	56	>9999	
	2/21/2006	0	66	4370.00	
	3/15/2006	397	-	-	Air injection well
SVE-66	1/24/2006	-	-	-	
	2/21/2006	-	-	-	
	3/15/2006	360	80	1130	
SVE-67	1/24/2006	12	64	4680	
	2/21/2006	0	69	2338	
	3/15/2006	840	56	1315	
SVE-68	1/24/2006	0	60	2476	
	2/21/2006	0	70	1174	
	3/15/2006	420	64	750	
SVE-69	1/24/2006	-	-	-	
	2/21/2006	-	-	-	
	3/15/2006	230	4	241	
SVE-70	1/24/2006	25	98	1267	
	2/21/2006	28	>100	760	
	3/15/2006	685	>100	285	
SVE-71	1/24/2006	0	92	3291	
	2/21/2006	0	>100	1904	
	3/15/2006	412	-	-	Air injection well
SVE-72	1/24/2006	-	-	-	
	2/21/2006	-	-	-	
	3/15/2006	-	-	-	
SVE-73	1/24/2006	-	-	-	Air injection well
	2/21/2006	-	-	-	Air injection well
	3/15/2006	-	-	-	
SVE-74	1/24/2006	0	67	>9999	
	2/21/2006	0	74	>9999	
	3/15/2006	205	56	3400	
SVE-75	1/24/2006	84	67	3265	
	2/21/2006	174	77	1252	
	3/15/2006	1300	21	550	
SVE-76	1/24/2006	0	61	2628	
	2/21/2006	0	71	465	
	3/15/2006	550	65	190	
SVE-77	1/24/2006	-	-	-	
	2/21/2006	-	-	-	
	3/15/2006	-	-	-	
SVE-78	1/24/2006	-	-	-	
	2/21/2006	-	-	-	
	3/15/2006	-	-	-	

Table 3.21
SBPA In-Situ Vapor Extraction (ISVE) System Well Monitoring Data
First Quarter 2006
American Chemical Service NPL Site
Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)	Comments
SVE-79	1/24/2006	-	-	-	Air injection well
	2/21/2006	-	-	-	Air injection well
	3/15/2006	735	57	130	
SVE-80	1/24/2006	12	71	3020	
	2/21/2006	0	82	1745	
	3/15/2006	240	64	435	
SVE-81	1/24/2006	-	-	-	Air injection well
	2/21/2006	-	-	-	Air injection well
	3/15/2006	640	62	240	
SVE-82	1/24/2006	0	60	1908	
	2/21/2006	0	72	1066	
	3/15/2006	419	-	-	Air injection well
SVE-83	1/24/2006	0	99	2662	
	2/21/2006	0	>100	1134	
	3/15/2006	950	92	850	
SVE-84	1/24/2006	21	54	2853	
	2/21/2006	0	64	947	
	3/15/2006	-	-	-	
SVE-85	1/24/2006	12	66	>9999	
	2/21/2006	0	77	7545	
	3/15/2006	480	59	2750	
SVE-86	1/24/2006	21	62	4731	
	2/21/2006	0	72	1614	
	3/15/2006	330	54	390	
SVE-87	1/24/2006	17	79	423	
	2/21/2006	0	85	1247	
	3/15/2006	266	96	400	
SVE-88	1/24/2006	-	-	-	
	2/21/2006	-	-	-	
	3/15/2006	-	-	-	

Notes:
"-" = data not collected
Beginning in March 2006, flow is measured using a VelociCalc 8384 flow meter.
Differential pressure is no longer measured.

Table 3.22
SBPA In-Situ Vapor Extraction (ISVE) System Header Monitoring Data - First Quarter 2006
American Chemical Service NPL Site
Griffith, Indiana

Date	Line Press (psia)	Flow (scfm)	Vac (" H_2O)	Line Press (psia)	Flow (scfm)	Vac (" H_2O)	Dilution Flow (cfm)	Blower Inf Line Press (psia)	Blower Inf Flow (scfm)	Blower Inf Vac (" H2O)	Blower Inf VOC (ppm)
1/24/2006	12.3	0	64	12.3	231	64	0	14.6	504	0	NM
2/21/2006	12.0	228	75	12.0	0	75	0	11.1	347	100	NM
3/15/2006	12.0	0	77	12.0	228	78	0	11.2	312	100	NM

Date	Blower Inf Temp. (°F)	Blower Eff Line Press (psia)	Blower Eff Flow (scfm)	Blower Eff Press (" H_2O)	Blower Eff VOC (ppm)	Blower Eff Temp. (°F)	Filter Diff Press (" H_2O)	Ambient Temperature (°F)	Barometric Pressure ("Hg)	Humidity (%)
1/24/2006	39	15.1	1279	14.0	-	112	7.0	34	29.79	87%
2/21/2006	40	15.1	1275	11.0	-	114	7.0	29	29.92	65%
3/15/2006	40	15.1	1270	9.0	-	120	7.0	42	30.15	60%

Notes:

"-" = data not collected
scfm = standard cubic feet per minute
" H_20 = inches of water
ppm = parts per million
VOCs = volatile organic compounds
psia = pounds per square inch, atmosphere
" Hg = inches of mercury
°F = degrees Fahrenheit

Table 6.1
Water Table Elevations Across the Barrier Wall and Near the PGCS - First Quarter 2006
American Chemical Service NPL Site
Griffith, Indiana

Upper Aquifer Wells

Well Designation	Reference Points East	Reference Points North	Reference Points TOIC	3/20/2006 Level	3/20/2006 Elevation	Notes	Difference Across Barrier Wall (if applicable)[1]
vIW11	6377	7329	640.47	7.08	633.39		n/a
vIW13	5050	7814	634.08	3.23	630.85		n/a
vIW37	5395	7976	636.78	4.76	632.02		n/a
vIW46	4526	7424	633.32	2.52	630.80		n/a
vIW48	5669	7814	636.36	4.27	632.09		n/a
vIW49	5551	7650	637.00	4.99	632.01		n/a

Staff Gauges & Piezometers

Well Designation	Reference Points East	Reference Points North	Reference Points TOSG	3/20/2006 Level	3/20/2006 Elevation	Notes	Difference Across Barrier Wall (if applicable)[1]
223	4689	7018	636.18	5.66	630.52		n/a
225	5131	7510	633.33	1.75	631.58	Resurveyed	n/a
226	4764	7309	634.23	3.63	630.60		n/a
227	4904	7020	639.70	9.39	630.31		n/a
228	5883	7486	644.53	11.45	633.08		n/a
232	5746	7026	642.32	12.65	629.67	Dry	n/a
240	5931	7241	638.77	5.69	633.08		n/a
241	5663	7377	637.23	4.04	633.19		n/a
249	5145	6949	638.98	10.82	628.16	Dry	n/a
SG13	4819	7209	631.53	5.00	630.53	Ice; TOSG = 6.0' mark	n/a

PGCS Piezometer Sets

Well Designation	Reference Points East	Reference Points North	Reference Points TOC	3/20/2006 Level	3/20/2006 Elevation	Notes	Difference Across Barrier Wall (if applicable)[1]
281	5577	7581	636.19	4.56	631.63	Only 0.02 ft of water	n/a
282	5577	7572	635.77	3.99	631.78		n/a
283	5577	7561.6	635.95	4.06	631.89		n/a
284	5322	7603	634.35	3.25	631.10		n/a
285	5326	7594	634.08	2.84	631.24		n/a
286	5329	7585	634.41	3.15	631.26		n/a
287	5121	7466	633.88	3.26	630.62		n/a
288	5130	7460	633.90	2.92	630.98		n/a
289	5137	7454	634.02	2.93	631.09		n/a
290	4881	7152	634.45	4.19	630.26		n/a
291	4889	7145	634.59	4.42	630.17		n/a
292	4896	7138.1	633.87	3.72	630.15		n/a

Table 6.1
Water Table Elevations Across the Barrier Wall and Near the PGCS - First Quarter 2006
American Chemical Service NPL Site
Griffith, Indiana

B WES Water Level and Piezometer Pairs

Well Designation	Reference Points			3/20/2006		Notes	Difference Across Barrier Wall (if applicable)[1]
	East	North	TOC	Level	Elevation		
P93R - Outside BW	TBD	TBD	639.05	8.19	630.86	Installed Nov. 2004	-4.40
P94R - Inside BW	TBD	TBD	640.99	14.53	626.46	Installed Nov. 2004	
P95 - Outside BW	5146	6532	638.58	5.72	632.86		-5.72
P96 - Inside BW	5156	6537	641.26	14.12	627.14	TD=17.80 (623.46)	
P105 - Outside BW	5885	6678	638.86	5.46	633.40		-5.65
P106 - Inside BW	5871	6685	638.10	10.35	627.75		
P107 - Outside BW	5766	7339	637.42	4.66	632.76		-2.51
P108 - Inside BW	5757	7324	638.13	7.88	630.25		
P109 - Outside BW	5740	6387	644.30	11.25	633.05		-6.03
P110 - Inside BW	5705	6382	647.68	20.66	627.02		
P111 - Outside BW	5551	5950	650.03	17.89	632.14		-6.43
P112 - Inside BW	5525	5960	653.36	27.65	625.71		
P113 - Inside BW	5309	5693	657.53	31.61	625.92		-5.78
ORCPZ102 - Outside BW	5331	5612	652.47	20.77	631.70		
P114 - Inside BW	5035	5729	653.69	27.42	626.27		-5.82
P115 - Outside BW	4970	5708	652.50	20.41	632.09		
P116 - Inside BW	5031	6087	646.26	20.13	626.13		-7.56
P117 - Outside BW	5014	6087	643.93	10.24	633.69		
P118 - Inside BW	5402	6539	645.52	18.56	626.96		n/a

Notes:

Al depth measurements and elevations are in units of feet.

E vation is in feet above mean sea level.

T IC = top of inner casing

T C = top of casing

T SG = top of staff gauge

C M = could not measure (reason given under "Notes" column)

n/ = not applicable

1 A positive value indicates that the water level is higher inside the barrier wall. A negative value indicates that the water level is lower inside the barrier wall.

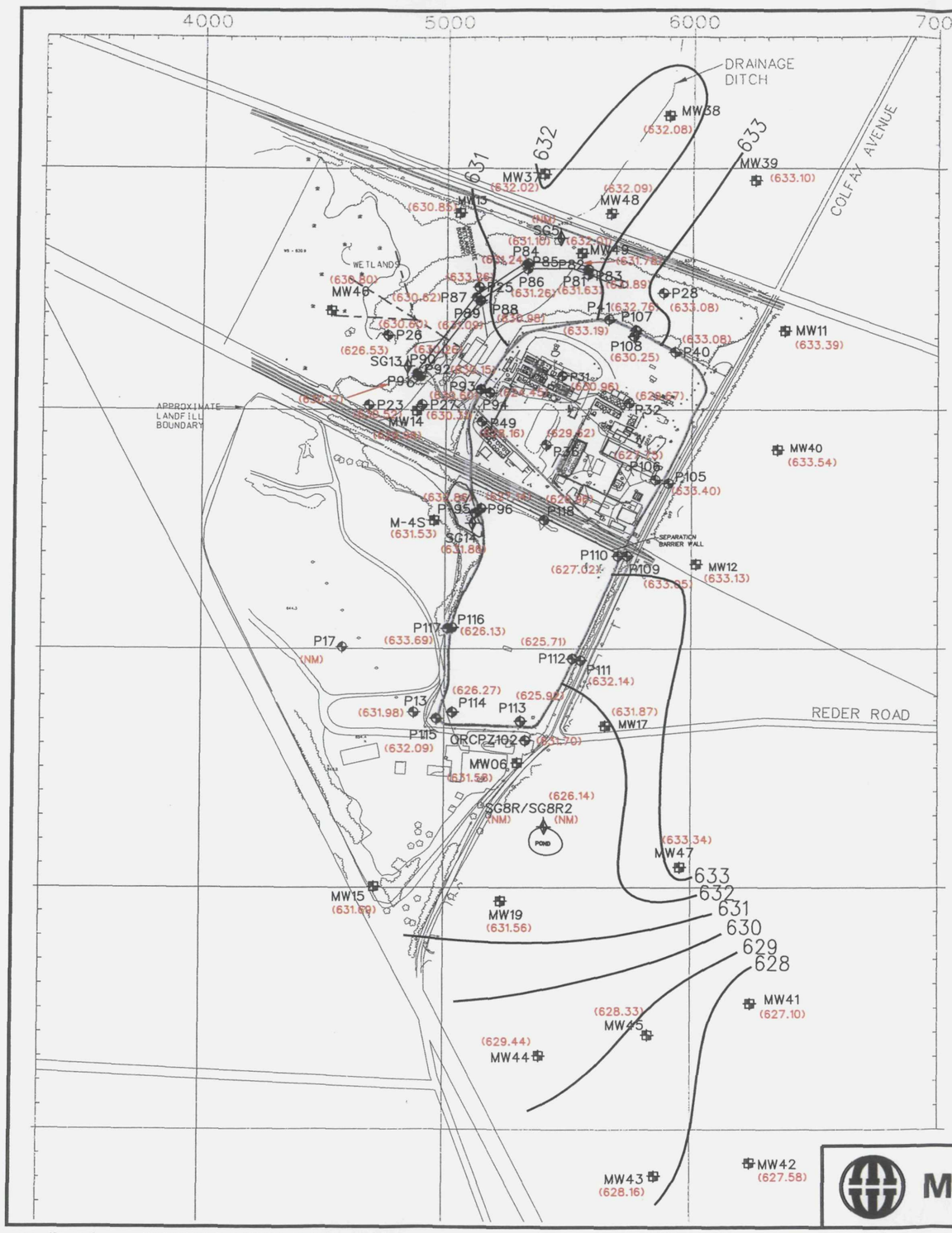
Table 6.2
Water Levels Inside Barrier Wall - First Quarter 2006
American Chemical Service NPL Site
Griffith, Indiana

Date	On-Site Area					
	Target Level	P-29	P-31	P-32	P-36	P-49
1/6/2006	629.0	630.4	630.9	629.7	624.9	627.7
1/19/2006	629.0	630.4	630.9	629.7	624.9	627.7
2/3/2006	629.0	630.4	630.9	629.7	624.9	627.7
2/17/2006	629.0	630.4	630.9	629.7	624.9	627.7
3/3/2006	629.0	630.4	630.9	629.7	624.9	627.7
3/17/2006	629.0	630.4	630.9	629.7	624.9	627.7
3/31/2006	629.0	630.4	630.9	629.7	624.9	627.7

Date	Off-Site Area										
	Target Level	P-96	P-110	P-112	P-113	P-114	P-116	P-118	AS-7	AS-8	AS-9
1/6/2006	626.0	623.2	626.3	625.1	625.6	625.9	625.8	626.1	NM	NM	NM
1/19/2006	626.0	623.5	626.5	624.7	625.6	626.0	625.8	626.2	NM	NM	NM
1/24/2006	626.0	NM	NM	NM	NM	NM	NM	NM	627.85	619.95	625.90
2/3/2006	626.0	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
2/17/2006	626.0	620.5	626.9	625.8	625.9	626.4	626.2	626.7	NM	NM	NM
2/21/2006	626.0	NM	NM	NM	NM	NM	NM	NM	627.99	620.05	626.25
3/3/2006	626.0	620.5	626.7	625.0	625.8	626.3	626.1	626.6	NM	NM	NM
3/15/2006	626.0	NM	NM	NM	NM	NM	NM	NM	628.02	620.01	619.25
3/17/2006	626.0	624.0	627.1	626.2	627.0	627.4	627.5	626.8	NM	NM	NM
3/31/2005	626.0	624.3	627.1	625.1	626.0	626.4	626.3	627.0	NM	NM	NM

Notes:
All water level elevations are in feet AMSL.

FIGURES



LEGEND

- BARRIER WALL
- PERIMETER GROUND WATER CONTAINMENT SYSTEM
- MW13 — UPPER AQUIFER WELL LOCATION AND DESIGNATION
- P61 — PIEZOMETER LOCATION AND DESIGNATION
- SG5 — STAFF GAUGE LOCATION AND DESIGNATION
- (633.10) — GROUNDWATER ELEVATION
- 631 — GROUNDWATER ELEVATION CONTOUR (DASHED WHERE APPROXIMATE)
- INDICATES A DEPRESSION
- (NM) — NOT MEASURED
- MW17 (NU) — NOT USED DUE TO PROBABLE DATA RECORDING ERROR

NOTE:

1. GROUNDWATER ELEVATIONS WERE MEASURED ON MARCH 20, 2006.
2. ALL ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL.

N

0 500 1000

SCALE IN FEET

MWH	SCALE	AMERICAN CHEMICAL SERVICE, INC. NPL SITE GRIFFITH, INDIANA	UPPER AQUIFER WATER TABLE CONTOUR MAP MARCH 2006	FIGURE
	AS SHOWN			6.1

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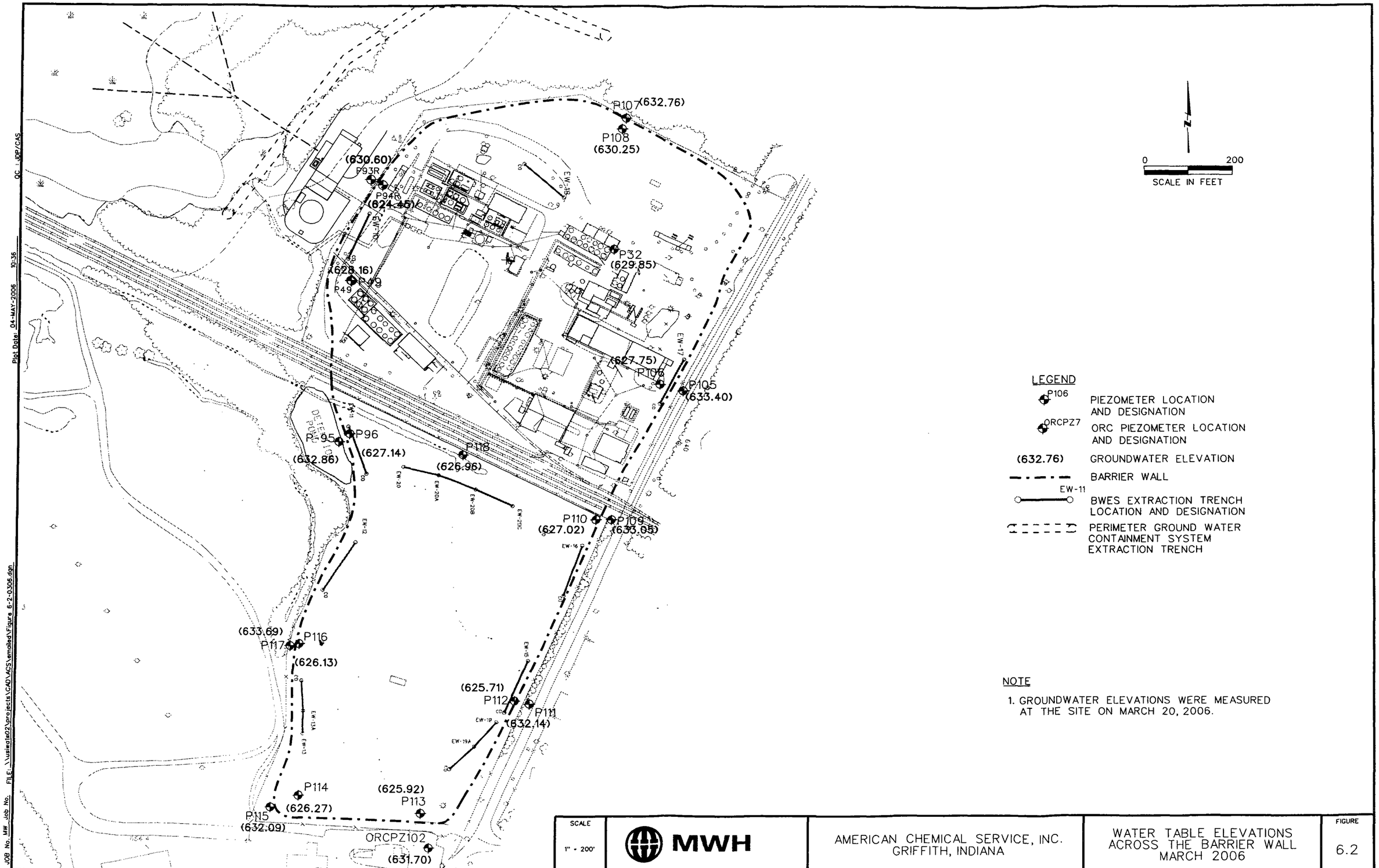


LEGEND

- P106 — PIEZOMETER LOCATION AND DESIGNATION
- ORCPZ7 — ORC PIEZOMETER LOCATION AND DESIGNATION
- (632.76) — GROUNDWATER ELEVATION
- BARRIER WALL
- EW-11 — BWES EXTRACTION TRENCH LOCATION AND DESIGNATION
- PERIMETER GROUND WATER CONTAINMENT SYSTEM EXTRACTION TRENCH

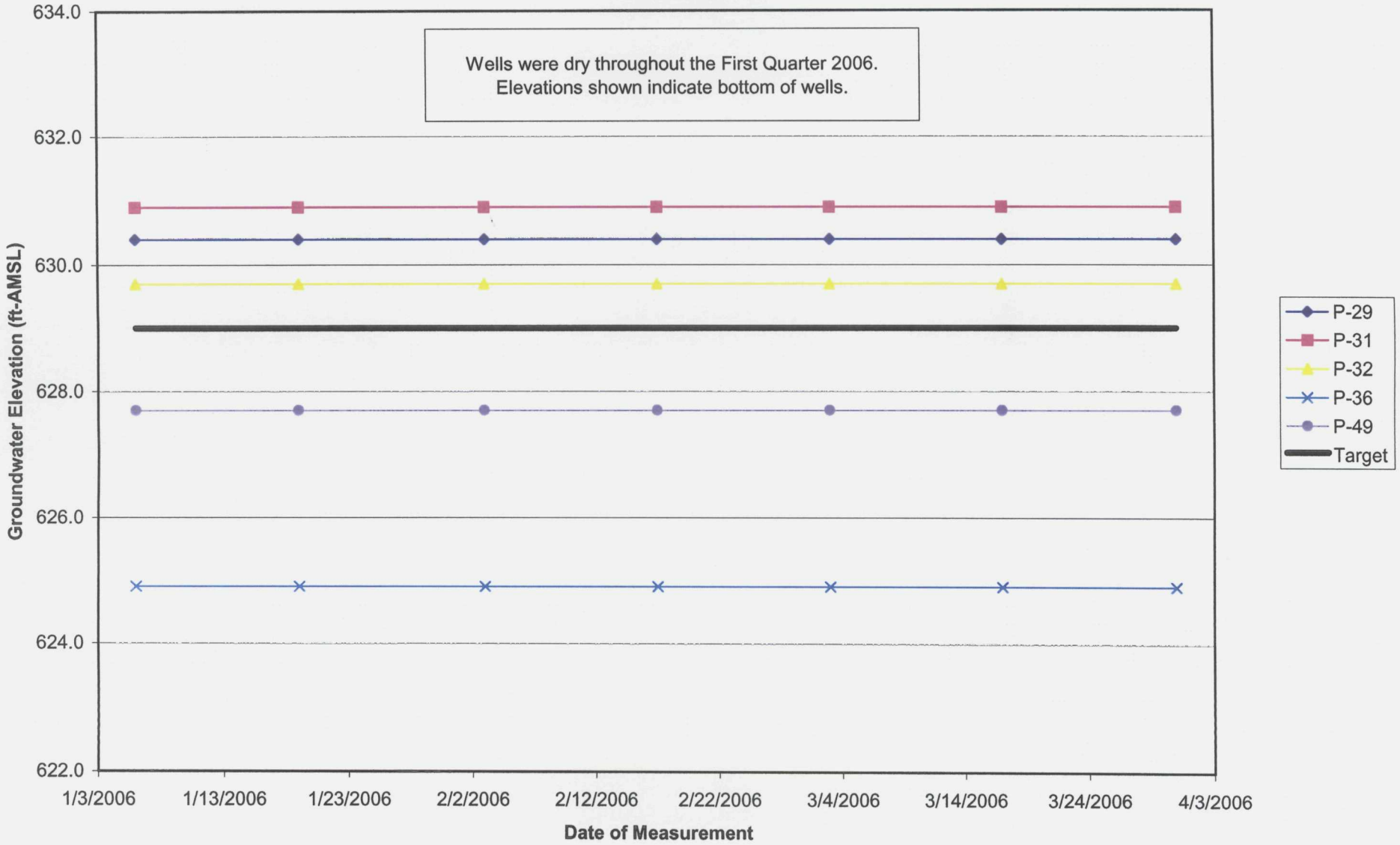
NOTE

1. GROUNDWATER ELEVATIONS WERE MEASURED AT THE SITE ON MARCH 20, 2006.

SCALE				FIGURE
1" = 200'	MWH	AMERICAN CHEMICAL SERVICE, INC. GRIFFITH, INDIANA	WATER TABLE ELEVATIONS ACROSS THE BARRIER WALL MARCH 2006	6.2

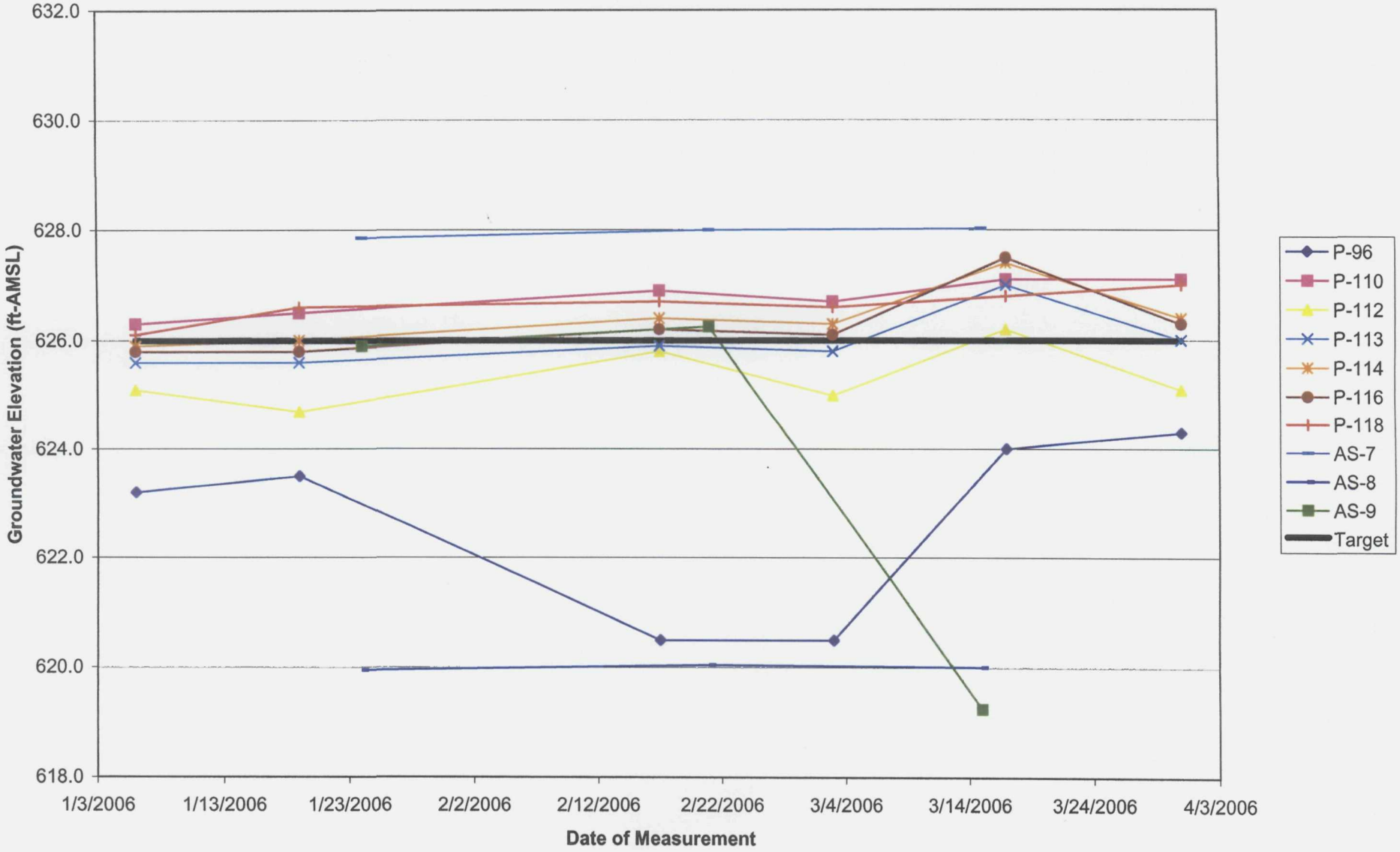
JOB No. MW Job No. FILE: \\usiwats02\projects\CAD\ACS\emailed\Figure 6-2-0306.dgn Plot Date: 04-MAY-2006 10:36 QC : JDP/CAS

Figure 6.3
Water Level Trends Inside the Barrier Wall (Still Bottoms Pond Area)
ACS NPL Site
Griffith, Indiana



JEF/CAD
J:\209\0603 ACS\0301 GWTP\6030301a183.xls[SBPA GW Trends]

Figure 6.4
Water Level Trends Inside the Barrier Wall (Off-Site Area)
ACS NPL Site
Griffith, Indiana



JEF/CAD
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APPENDIX A

EFFLUENT ANALYTICAL DATA

January 11, 2006 Compliance Sample
Laboratory Results

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name:	ACS-89
Collection Date:	January 11, 2006
LDC Report Date:	February 9, 2006
Matrix:	Water
Parameters:	Volatiles
Validation Level:	EPA Level III
Laboratory:	CompuChem
Sample Delivery Group (SDG):	8872

Sample Identification

EFFLUENT

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 8872

Matrix: (soil/water) WATER Lab Sample ID: 887201

Sample wt/vol: 25 (g/ml) ML Lab File ID: 887201A61

Level: (low/med) LOW Date Received: 01/12/06

% Moisture: not dec. _____ Date Analyzed: 01/12/06

GC Column: RTX-VMS ID: 0.18 (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
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	1.0	
75-35-4	1,1-Dichloroethene	0.50	U
75-15-0	Carbon disulfide	0.50	U
67-64-1	Acetone	2.5	U uJ
75-09-2	Methylene Chloride	1.0	
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.69	
78-93-3	2-butanone	2.5	U uJ
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.10	J
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	2.5	U
108-88-3	Toluene	0.41	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.20	J
591-78-6	2-hexanone	2.5	U
124-48-1	Dibromochloromethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
108-38-3	m,p-Xylene	0.28	J
95-47-6	o-Xylene	0.11	J
100-42-5	Styrene	0.50	U

FORM I VOA

2/10/06

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 8872

Matrix: (soil/water) WATER Lab Sample ID: 887201

Sample wt/vol: 25 (g/ml) ML Lab File ID: 887201A61

Level: (low/med) LOW Date Received: 01/12/06

% Moisture: not dec. _____ Date Analyzed: 01/12/06

GC Column: RTX-VMS ID: 0.18 (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
75-25-2	Bromoform	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U UJ
540-59-0	1,2-Dichloroethene (total)	0.70	
1330-20-7	Xylene (total)	0.41	J

FORM I VOA

10/06

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: ACS-89

Collection Date: January 11, 2006

LDC Report Date: February 9, 2006

Matrix: Water

Parameters: Semivolatiles

Validation Level: EPA Level III

Laboratory: CompuChem

Sample Delivery Group (SDG): 8872

Sample Identification

EFFLUENT

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 8872

Matrix: (soil/water) WATER Lab Sample ID: 887201

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 887201A64

Level: (low/med) LOW Date Received: 01/12/06

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 01/16/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 01/23/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
111-44-4	Bis(2-chloroethyl)ether	9.6	U
106-44-5	4-Methylphenol	20	U
78-59-1	Isophorone	10	U
117-81-7	bis(2-ethylhexyl)Phthalate	6.0	U

2/10/06

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: ACS-89

Collection Date: January 11, 2006

LDC Report Date: February 9, 2006

Matrix: Water

Parameters: Pentachlorophenol

Validation Level: EPA Level III

Laboratory: CompuChem

Sample Delivery Group (SDG): 8872

Sample Identification

EFFLUENT

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: COMPUCHEM Method: 8270C

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 8872

Matrix: (soil/water) WATER Lab Sample ID: 887201

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 887201A62

Level: (low/med) LOW Date Received: 01/12/06

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 01/16/06

Concentrated Extract Volume: 1000(uL) Date Analyzed: 01/19/06

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
87-86-5	Pentachlorophenol	0.20	U	UJ

FORM I SV 8270C

2/10/06

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: ACS-89

Collection Date: January 11, 2006

LDC Report Date: February 9, 2006

Matrix: Water

Parameters: Polychlorinated Biphenyls

Validation Level: EPA Level III

Laboratory: CompuChem

Sample Delivery Group (SDG): 8872

Sample Identification

EFFLUENT

1D
GC EXTRACTABLE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EFFLUENT

Lab Name: COMPUCHEM Contract: 8082

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 8872

Matrix: (soil/water) WATER Lab Sample ID: 887201

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N)___ Date Received: 01/12/06

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 01/14/06

Concentrated Extract Volume: 2500(uL) Date Analyzed: 01/16/06

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
12674-11-2	Aroclor-1016	0.47	U
11104-28-2	Aroclor-1221	0.63	U
11141-16-5	Aroclor-1232	0.47	U
53469-21-9	Aroclor-1242	0.31	U
12672-29-6	Aroclor-1248	0.31	U
11097-69-1	Aroclor-1254	0.31	U
11096-82-5	Aroclor-1260	0.47	U

FORM I PEST

2/10/06

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: ACS-89

Collection Date: January 11, 2006

LDC Report Date: February 6, 2006

Matrix: Water

Parameters: Metals

Validation Level: EPA Level III

Laboratory: CompuChem

Sample Delivery Group (SDG): 8872

Sample Identification

EFFLUENT

SW846 - METALS

-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

EFFLUENT

Lab Name: COMPUCHEM Contract:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 8872

Matrix (soil/water): WATER Lab Sample ID: 887201

Level (low/med): LOW Date Received: 1/12/2006

% 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	8.8	U		P
7440-36-0	Antimony	2.7	B	B	P
7440-38-2	Arsenic	4.7	B		P
7440-39-3	Barium	13.5	B	B	P
7440-41-7	Beryllium	0.30	B	B	P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	104000		B	P
7440-47-3	Chromium	0.42	B	B	P
7440-48-4	Cobalt	0.50	U		P
7440-50-8	Copper	0.30	U		P
7439-89-6	Iron	9.0	U		P
7439-92-1	Lead	2.1	B	B	P
7439-95-4	Magnesium	27600		B	P
7439-97-6	Mercury	0.10	U		CV
7439-96-5	Manganese	1.4	B	B	P
7440-02-0	Nickel	10.6	B		P
7440-09-7	Potassium	12700		B	P
7782-49-2	Selenium	3.3	U		P
7440-22-4	Silver	0.50	U		P
7440-23-5	Sodium	334000		B	P
7440-28-0	Thallium	3.9	U		P
7440-62-2	Vanadium	0.41	B	B	P
7440-66-6	Zinc	0.30	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

2/10/06

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name:	ACS-89
Collection Date:	January 11, 2006
LDC Report Date:	February 6, 2006
Matrix:	Water
Parameters:	Wet Chemistry
Validation Level:	EPA Level III
Laboratory:	CompuChem
Sample Delivery Group (SDG):	8872

Sample Identification

EFFLUENT

CompuChem
a division of Liberty Analytical Corp.

CompuChem a Division of Liberty Analytical Corp.
Remit to: P.O. Box 4603
Cary, NC 27519-4603
Phone: (919) 379-4100
Fax: (919) 379-4050

ANALYTICAL RESULTS

roject: 1872
roject ID: CS 7010311
Solid results are reported on a dry weight basis.

ab ID	887201	Date Collected:	1/11/2006 14:00	Matrix:	Water
Sample ID:	EFFLUENT	Date Received:	1/12/2006 11:57		

arameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	CAS No.	Qual	RegLmt
H OF WATER 150.1			Analytical Method: EPA 150.1								
PH-150 1	7.48	PH UNITS	J NA	1			1/17/2006	2477			
L SSPND SOLIDS (TSS) 160.2 W			Analytical Method: EPA 160.2								
TSS	0.300B	mg/L	1.00	1			1/17/2006	2477			

2/10/06

Date: 01 23/2006

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February 7, 2006 Compliance Sample
Laboratory Results

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 9058

Matrix: (soil/water) WATER Lab Sample ID: 905801

Sample wt/vol: 25 (g/ml) ML Lab File ID: 905801A73

Level: (low/med) LOW Date Received: 02/08/06

% Moisture: not dec. _____ Date Analyzed: 02/08/06

GC Column: RTX-624 ID: 0.32 (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
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	3.9	
75-35-4	1,1-Dichloroethene	0.50	U
75-15-0	Carbon disulfide	0.50	U
67-64-1	Acetone	2.2	JB 2.5 uBJ
75-09-2	Methylene Chloride	1.8	
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.43	J
78-93-3	2-butanone	2.5	U uJ
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	2.5	U
108-88-3	Toluene	0.27	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-hexanone	0.50	J
124-48-1	Dibromochloromethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
108-38-3	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U

FORM I VOA

2/27/06

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 9058

Matrix: (soil/water) WATER Lab Sample ID: 905801

Sample wt/vol: 25 (g/ml) ML Lab File ID: 905801A73

Level: (low/med) LOW Date Received: 02/08/06

% Moisture: not dec. _____ Date Analyzed: 02/08/06

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-25-2	Bromoform	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
540-59-0	1,2-Dichloroethene (total)	0.42	J
1330-20-7	Xylene (total)	0.50	U

FORM I VOA

2/8/06

CompuChem
a division of Liberty Analytical Corp.

CompuChem a Division of Liberty Analytical Corp.
Remit to: P.O. Box 4603
Cary, NC 27519-4603
Phone: (919) 379-4100
Fax: (919) 379-4050

ANALYTICAL RESULTS

Project: 9058
Project ID: ACS 7010311
Solid results are reported on a dry weight basis.

Lab ID: 905801 Date Collected: 2/7/2006 14:00 Matrix: Water
Sample ID: EFFLUENT Date Received: 2/8/2006 11:01

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	CAS No.	Qual	RegLmt
PH OF WATER 150.1		Analytical Method: EPA 150.1									
4-150.1	7.50	PH UNITS	NA	1			2/10/2006	2477		J	

Date: 12/13/2006

2/27/06

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March 8, 2006 Compliance Sample
Laboratory Results

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 9309

Matrix: (soil/water) WATER Lab Sample ID: 930901

Sample wt/vol: 25 (g/ml) ML Lab File ID: 930901B62

Level: (low/med) LOW Date Received: 03/09/06

% Moisture: not dec. _____ Date Analyzed: 03/15/06

GC Column: RTX-VMS ID: 0.18 (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
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U UJ
75-00-3	Chloroethane	3.3	
75-35-4	1,1-Dichloroethene	0.50	U
75-15-0	Carbon disulfide	0.50	U
67-64-1	Acetone	2.5	U UJ
75-09-2	Methylene Chloride	1.5	
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-butanone	2.5	U UJ
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U UJ
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U UJ
108-10-1	4-Methyl-2-pentanone	2.5	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U UJ
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-hexanone	2.5	U
124-48-1	Dibromochloromethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
108-38-3	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 9309

Matrix: (soil/water) WATER Lab Sample ID: 930901

Sample wt/vol: 25 (g/ml) ML Lab File ID: 930901B62

Level: (low/med) LOW Date Received: 03/09/06

% Moisture: not dec. _____ Date Analyzed: 03/15/06

GC Column: RTX-VMS ID: 0.18 (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
75-25-2	Bromoform	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
540-59-0	1,2-Dichloroethene (total)	0.50	U
1330-20-7	Xylene (total)	0.50	U

FORM I VOA

CompuChem
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CompuChem a Division of Liberty Analytical Corp.
Remit to: P.O. Box 4603
Cary, NC 27519-4603
Phone: (919) 379-4100
Fax: (919) 379-4050

ANALYTICAL RESULTS

Project: 9309
Project ID: ACS 7010311
Solid results are reported on a dry weight basis.

Lab ID: 930901 Date Collected: 3/8/2006 14:00 Matrix: Water
Sample ID: EFFLUENT Date Received: 3/9/2006 09:59

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	CAS No.	Qual	RegLmt
PH OF WATER 150.1		Analytical Method: EPA 150.1									
PH-150.1	7.75	PH UNITS	NA	1			3/15/2006	2477			

REPORT OF LABORATORY ANALYSIS
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APPENDIX B

THERMAL OXIDIZER OFF-GAS ANALYTICAL DATA

January 9, 2006 Off-Gas Sample Laboratory Results

01/06 TO-14

AIR TOXICS LTD.

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0601144A-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5011815	Date of Collection:	1/9/06
Dil. Factor:	536	Date of Analysis:	1/18/06 06:05 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	270	120 J B	680	320 J
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	Not Detected NC	710	Not Detected
1,1-Dichloroethene	270	620	1100	2400
Methylene Chloride	270	20000	930	72000
1,1-Dichloroethane	270	2100	1100	8600
cis-1,2-Dichloroethene	270	2600	1100	10000
Chloroform	270	1400	1300	6900
1,1,1-Trichloroethane	270	18000	1500	100000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	13000	860	40000
1,2-Dichloroethane	270	600	1100	2400
Trichloroethene	270	12000	1400	65000
1,2-Dichloropropane	270	160 J NJ	1200	750 J
cis-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
Toluene	270	76000	1000	280000
trans-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	270	Not Detected	1500	Not Detected
Tetrachloroethene	270	18000	1800	120000
Chlorobenzene	270	Not Detected	1200	Not Detected
Ethyl Benzene	270	12000	1200	51000
m,p-Xylene	270	54000	1200	230000
o-Xylene	270	20000	1200	87000
Styrene	270	Not Detected	1100	Not Detected
1,1,2,2-Tetrachloroethane	270	Not Detected	1800	Not Detected
Bromodichloromethane	270	Not Detected	1800	Not Detected
Dibromochloromethane	270	Not Detected	2300	Not Detected
Chloromethane	1100	Not Detected	2200	Not Detected
Acetone	1100	7400	2500	18000
Carbon Disulfide	1100	Not Detected	3300	Not Detected
trans-1,2-Dichloroethene	1100	Not Detected	4200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	6700	3200	20000
4-Methyl-2-pentanone	1100	3800	4400	16000
2-Hexanone	1100	Not Detected	4400	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	82	70-130
Toluene-d8	96	70-130

CRS 2/6/06

AIR TOXICS LTD.

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0601144A-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5011815	Date of Collection:	1/9/06
Dil. Factor:	536	Date of Analysis:	1/18/06 06:05 PM

Surrogates	%Recovery	Method Limits
4-Bromofluorobenzene	100	70-130

CRS
2/6/06

AIR TOXICS LTD.

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0601144A-02A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5012012	Date of Collection:	1/9/06
Dil. Factor:	528	Date of Analysis:	1/20/06 05:10 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	260	1200	670	3000
Bromomethane	260	Not Detected	1000	Not Detected
Chloroethane	260	410	700	1100
1,1-Dichloroethene	260	840	1000	3300
Methylene Chloride	260	5800	920	20000
1,1-Dichloroethane	260	2900	1100	12000
cis-1,2-Dichloroethene	260	22000	1000	86000
Chloroform	260	6200	1300	30000
1,1,1-Trichloroethane	260	24000	1400	130000
Carbon Tetrachloride	260	Not Detected	1700	Not Detected
Benzene	260	7200	840	23000
1,2-Dichloroethane	260	250 J 15	1100	1000 J
Trichloroethene	260	23000	1400	120000
1,2-Dichloropropane	260	360	1200	1700
cis-1,3-Dichloropropene	260	Not Detected	1200	Not Detected
Toluene	260	66000	990	250000
trans-1,3-Dichloropropene	260	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	260	Not Detected	1400	Not Detected
Tetrachloroethene	260	41000	1800	280000
Chlorobenzene	260	Not Detected	1200	Not Detected
Ethyl Benzene	260	10000	1100	44000
m,p-Xylene	260	66000	1100	290000
o-Xylene	260	34000	1100	150000
Styrene	260	Not Detected	1100	Not Detected
1,1,2,2-Tetrachloroethane	260	Not Detected	1800	Not Detected
Bromodichloromethane	260	Not Detected	1800	Not Detected
Dibromochloromethane	260	Not Detected	2200	Not Detected
Chloromethane	1000	Not Detected	2200	Not Detected
Acetone	1000	940 J 15	2500	2200 J
Carbon Disulfide	1000	Not Detected	3300	Not Detected
trans-1,2-Dichloroethene	1000	160 J 15	4200	640 J
2-Butanone (Methyl Ethyl Ketone)	1000	Not Detected	3100	Not Detected
4-Methyl-2-pentanone	1000	Not Detected	4300	Not Detected
2-Hexanone	1000	Not Detected	4300	Not Detected
Bromoform	1000	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	81	70-130
Toluene-d8	96	70-130

DTS
2/6/06

AIR TOXICS LTD.

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0601144A-02A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5012012	Date of Collection:	1/9/06
Dil. Factor:	528	Date of Analysis:	1/20/06 05:10 PM

Surrogates	%Recovery	Method Limits
4-Bromofluorobenzene	98	70-130

CRS
2/6/06

AIR TOXICS LTD.

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0601144A-03A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5011816	Date of Collection:	1/9/06
Dil. Factor:	536	Date of Analysis:	1/18/06 06:54 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	270	1500 15	680	3800
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	540 15	710	1400
1,1-Dichloroethene	270	1000	1100	4200
Methylene Chloride	270	7000	930	24000
1,1-Dichloroethane	270	3400	1100	14000
cis-1,2-Dichloroethene	270	25000	1100	100000
Chloroform	270	7400	1300	36000
1,1,1-Trichloroethane	270	29000	1500	160000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	8500	860	27000
1,2-Dichloroethane	270	390	1100	1600
Trichloroethene	270	29000	1400	150000
1,2-Dichloropropane	270	420	1200	2000
cis-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
Toluene	270	78000	1000	300000
trans-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	270	Not Detected	1500	Not Detected
Tetrachloroethene	270	47000	1800	320000
Chlorobenzene	270	Not Detected	1200	Not Detected
Ethyl Benzene	270	12000	1200	52000
m,p-Xylene	270	75000	1200	330000
o-Xylene	270	40000	1200	170000
Styrene	270	Not Detected	1100	Not Detected
1,1,2,2-Tetrachloroethane	270	Not Detected	1800	Not Detected
Bromodichloromethane	270	Not Detected	1800	Not Detected
Dibromochloromethane	270	Not Detected	2300	Not Detected
Chloromethane	1100	Not Detected	2200	Not Detected
Acetone	1100	1100	2500	2600
Carbon Disulfide	1100	50 J	3300	150 J
trans-1,2-Dichloroethene	1100	220 J	4200	880 J
2-Butanone (Methyl Ethyl Ketone)	1100	Not Detected	3200	Not Detected
4-Methyl-2-pentanone	1100	Not Detected	4400	Not Detected
2-Hexanone	1100	Not Detected	4400	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	85	70-130
Toluene-d8	98	70-130

CTS 2/6/06

AIR TOXICS LTD.

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0601144A-03A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5011816	Date of Collection:	1/9/06
Dil. Factor:	536	Date of Analysis:	1/18/06 06:54 PM

Surrogates	%Recovery	Method Limits
4-Bromofluorobenzene	106	70-130

CES
2/1/06

AIR TOXICS LTD.

Client Sample ID: 3 TOX 1 INF Duplicate

Lab ID#: 0601144A-03AA

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5011817	Date of Collection:	1/9/06
Dil. Factor:	536	Date of Analysis:	1/18/06 07:18 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	270	1400 15	680	3600
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	370 15	710	970
1,1-Dichloroethene	270	930	1100	3700
Methylene Chloride	270	6600	930	23000
1,1-Dichloroethane	270	3300	1100	13000
cis-1,2-Dichloroethene	270	25000	1100	99000
Chloroform	270	7100	1300	35000
1,1,1-Trichloroethane	270	28000	1500	160000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	8500	860	27000
1,2-Dichloroethane	270	380	1100	1500
Trichloroethene	270	28000	1400	150000
1,2-Dichloropropane	270	420	1200	1900
cis-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
Toluene	270	79000	1000	300000
trans-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	270	Not Detected	1500	Not Detected
Tetrachloroethene	270	46000	1800	310000
Chlorobenzene	270	Not Detected	1200	Not Detected
Ethyl Benzene	270	12000	1200	51000
m,p-Xylene	270	74000	1200	320000
o-Xylene	270	39000	1200	170000
Styrene	270	Not Detected	1100	Not Detected
1,1,2,2-Tetrachloroethane	270	Not Detected	1800	Not Detected
Bromodichloromethane	270	Not Detected	1800	Not Detected
Dibromochloromethane	270	Not Detected	2300	Not Detected
Chloromethane	1100	Not Detected	2200	Not Detected
Acetone	1100	1000 J 15	2500	2400 J
Carbon Disulfide	1100	44 J 15	3300	140 J
trans-1,2-Dichloroethene	1100	220 J 15	4200	860 J
2-Butanone (Methyl Ethyl Ketone)	1100	Not Detected	3200	Not Detected
4-Methyl-2-pentanone	1100	Not Detected	4400	Not Detected
2-Hexanone	1100	Not Detected	4400	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	83	70-130
Toluene-d8	99	70-130

CRS 2/6/06

AIR TOXICS LTD.

Client Sample ID: 3 TOX 1 INF Duplicate

Lab ID#: 0601144A-03AA

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5011817	Date of Collection:	1/9/06
Dil. Factor:	536	Date of Analysis:	1/18/06 07:18 PM

Surrogates	%Recovery	Method Limits
4-Bromofluorobenzene	106	70-130

CRS
2/6/06

AIR TOXICS LTD.

Client Sample ID: 4 TOX 1 INF Dup

Lab ID#: 0601144A-04A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5011818	Date of Collection:	1/9/06
Dil. Factor:	536	Date of Analysis:	1/18/06 07:42 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	270	1400 15	680	3600
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	280 15	710	740
1,1-Dichloroethene	270	750	1100	3000
Methylene Chloride	270	6600	930	23000
1,1-Dichloroethane	270	3200	1100	13000
cis-1,2-Dichloroethene	270	24000	1100	97000
Chloroform	270	7000	1300	34000
1,1,1-Trichloroethane	270	28000	1500	150000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	8000	860	26000
1,2-Dichloroethane	270	300	1100	1200
Trichloroethene	270	27000	1400	140000
1,2-Dichloropropane	270	400	1200	1900
cis-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
Toluene	270	77000	1000	290000
trans-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	270	Not Detected	1500	Not Detected
Tetrachloroethene	270	45000	1800	310000
Chlorobenzene	270	Not Detected	1200	Not Detected
Ethyl Benzene	270	11000	1200	50000
m,p-Xylene	270	72000	1200	310000
o-Xylene	270	38000	1200	160000
Styrene	270	Not Detected	1100	Not Detected
1,1,2,2-Tetrachloroethane	270	Not Detected	1800	Not Detected
Bromodichloromethane	270	Not Detected	1800	Not Detected
Dibromochloromethane	270	Not Detected	2300	Not Detected
Chloromethane	1100	Not Detected	2200	Not Detected
Acetone	1100	1000 J 15	2500	2400 J
Carbon Disulfide	1100	50 J 15	3300	160 J
trans-1,2-Dichloroethene	1100	220 J 15	4200	870 J
2-Butanone (Methyl Ethyl Ketone)	1100	Not Detected	3200	Not Detected
4-Methyl-2-pentanone	1100	Not Detected	4400	Not Detected
2-Hexanone	1100	Not Detected	4400	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	83	70-130
Toluene-d8	98	70-130

AS 2/6/06

AIR TOXICS LTD.

Client Sample ID: 4 TOX 1 INF Dup

Lab ID#: 0601144A-04A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5011818	Date of Collection:	1/9/06
Dil. Factor:	536	Date of Analysis:	1/18/06 07:42 PM

Surrogates	%Recovery	Method Limits
4-Bromofluorobenzene	105	70-130

CRS
2/6/06

AIR TOXICS LTD.

Client Sample ID: 5 TOX 1 Eff

Lab ID#: 0601144A-05A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5011819	Date of Collection:	1/9/06
Dil. Factor:	2.18	Date of Analysis:	1/18/06 08:10 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	1.1	73 15	2.8	190
Bromomethane	1.1	Not Detected	4.2	Not Detected
Chloroethane	1.1	12 15	2.9	31
1,1-Dichloroethene	1.1	120	4.3	480
Methylene Chloride	1.1	27	3.8	94
1,1-Dichloroethane	1.1	18	4.4	72
cis-1,2-Dichloroethene	1.1	290	4.3	1200
Chloroform	1.1	9.1	5.3	44
1,1,1-Trichloroethane	1.1	55	5.9	300
Carbon Tetrachloride	1.1	1.2	6.8	7.8
Benzene	1.1	170	3.5	540
1,2-Dichloroethane	1.1	0.96 J 15	4.4	3.9 J
Trichloroethene	1.1	180	5.8	940
1,2-Dichloropropane	1.1	0.74 J 15	5.0	3.4 J
cis-1,3-Dichloropropene	1.1	1.6	4.9	7.1
Toluene	1.1	170	4.1	650
trans-1,3-Dichloropropene	1.1	1.4	4.9	6.4
1,1,2-Trichloroethane	1.1	Not Detected	5.9	Not Detected
Tetrachloroethene	1.1	390	7.4	2600
Chlorobenzene	1.1	6.5	5.0	30
Ethyl Benzene	1.1	21	4.7	90
m,p-Xylene	1.1	100	4.7	460
o-Xylene	1.1	47	4.7	200
Styrene	1.1	16	4.6	69
1,1,2,2-Tetrachloroethane	1.1	0.31 J 15	7.5	2.1 J
Bromodichloromethane	1.1	0.67 J 15	7.3	4.5 J
Dibromochloromethane	1.1	Not Detected	9.3	Not Detected
Chloromethane	4.4	23	9.0	48
Acetone	4.4	15	10	36
Carbon Disulfide	4.4	2.4 J 15	14	7.4 J
trans-1,2-Dichloroethene	4.4	41	17	160
2-Butanone (Methyl Ethyl Ketone)	4.4	6.1	13	18
4-Methyl-2-pentanone	4.4	3.4 J 15	18	14 J
2-Hexanone	4.4	Not Detected	18	Not Detected
Bromoform	4.4	0.32 J 15	45	3.3 J

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	82	70-130
Toluene-d8	99	70-130

ds 2/6/06

AIR TOXICS LTD.

Client Sample ID: 5 TOX 1 Eff

Lab ID#: 0601144A-05A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5011819	Date of Collection:	1/9/06
Dil. Factor:	2.18	Date of Analysis:	1/18/06 08:10 PM

Surrogates	%Recovery	Method Limits
4-Bromofluorobenzene	108	70-130

ARS
2/6/06

AIR TOXICS LTD.

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0601144A-06A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5011820	Date of Collection:	1/9/06
Dil. Factor:	377	Date of Analysis:	1/18/06 08:34 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	190	850 15	480	2200
Bromomethane	190	Not Detected	730	Not Detected
Chloroethane	190	330 15	500	870
1,1-Dichloroethene	190	610	750	2400
Methylene Chloride	190	19000	650	67000
1,1-Dichloroethane	190	2400	760	9700
cis-1,2-Dichloroethene	190	6000	750	24000
Chloroform	190	1300	920	6300
1,1,1-Trichloroethane	190	18000	1000	97000
Carbon Tetrachloride	190	Not Detected	1200	Not Detected
Benzene	190	13000	600	40000
1,2-Dichloroethane	190	570	760	2300
Trichloroethene	190	12000	1000	67000
1,2-Dichloropropane	190	180 J 15	870	860 J
cis-1,3-Dichloropropene	190	Not Detected	860	Not Detected
Toluene	190	70000	710	260000
trans-1,3-Dichloropropene	190	Not Detected	860	Not Detected
1,1,2-Trichloroethane	190	Not Detected	1000	Not Detected
Tetrachloroethene	190	18000	1300	130000
Chlorobenzene	190	Not Detected	870	Not Detected
Ethyl Benzene	190	9700	820	42000
m,p-Xylene	190	44000	820	190000
o-Xylene	190	16000	820	70000
Styrene	190	Not Detected	800	Not Detected
1,1,2,2-Tetrachloroethane	190	Not Detected	1300	Not Detected
Bromodichloromethane	190	Not Detected	1300	Not Detected
Dibromochloromethane	190	Not Detected	1600	Not Detected
Chloromethane	750	Not Detected	1600	Not Detected
Acetone	750	16000	1800	37000
Carbon Disulfide	750	Not Detected	2300	Not Detected
trans-1,2-Dichloroethene	750	140 J 15	3000	540 J
2-Butanone (Methyl Ethyl Ketone)	750	9900	2200	29000
4-Methyl-2-pentanone	750	4000	3100	17000
2-Hexanone	750	Not Detected	3100	Not Detected
Bromoform	750	Not Detected	7800	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	80	70-130
Toluene-d8	98	70-130

CRS 2/6/06

AIR TOXICS LTD.

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0601144A-06A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5011820	Date of Collection:	1/9/06
Dil. Factor:	377	Date of Analysis:	1/18/06 08:34 PM

Surrogates	%Recovery	Method Limits
4-Bromofluorobenzene	101	70-130

CRS
2/6/06

AIR TOXICS LTD.

Client Sample ID: 7 TOX 2 INF Dup

Lab ID#: 0601144A-07A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5011821	Date of Collection:	1/9/06
Dil. Factor:	447	Date of Analysis:	1/18/06 08:58 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	220	860 15	570	2200
Bromomethane	220	Not Detected	870	Not Detected
Chloroethane	220	340 15	590	900
1,1-Dichloroethene	220	550	890	2200
Methylene Chloride	220	18000	780	64000
1,1-Dichloroethane	220	2300	900	9300
cis-1,2-Dichloroethene	220	6000	890	24000
Chloroform	220	1300	1100	6400
1,1,1-Trichloroethane	220	18000	1200	96000
Carbon Tetrachloride	220	Not Detected	1400	Not Detected
Benzene	220	12000	710	39000
1,2-Dichloroethane	220	540	900	2200
Trichloroethene	220	12000	1200	65000
1,2-Dichloropropane	220	170 J 15	1000	780 J
cis-1,3-Dichloropropene	220	Not Detected	1000	Not Detected
Toluene	220	70000	840	260000
trans-1,3-Dichloropropene	220	Not Detected	1000	Not Detected
1,1,2-Trichloroethane	220	Not Detected	1200	Not Detected
Tetrachloroethene	220	18000	1500	120000
Chlorobenzene	220	Not Detected	1000	Not Detected
Ethyl Benzene	220	9700	970	42000
m,p-Xylene	220	44000	970	190000
o-Xylene	220	16000	970	71000
Styrene	220	Not Detected	950	Not Detected
1,1,2,2-Tetrachloroethane	220	Not Detected	1500	Not Detected
Bromodichloromethane	220	Not Detected	1500	Not Detected
Dibromochloromethane	220	Not Detected	1900	Not Detected
Chloromethane	890	Not Detected	1800	Not Detected
Acetone	890	6200	2100	15000
Carbon Disulfide	890	Not Detected	2800	Not Detected
trans-1,2-Dichloroethene	890	Not Detected	3500	Not Detected
2-Butanone (Methyl Ethyl Ketone)	890	5800	2600	17000
4-Methyl-2-pentanone	890	3400	3700	14000
2-Hexanone	890	Not Detected	3700	Not Detected
Bromoform	890	Not Detected	9200	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	80	70-130
Toluene-d8	97	70-130

CRS
2/6/06

AIR TOXICS LTD.

Client Sample ID: 7 TOX 2 INF Dup

Lab ID#: 0601144A-07A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5011821	Date of Collection:	1/9/06
Dil. Factor:	447	Date of Analysis:	1/18/06 08:58 PM

Surrogates	%Recovery	Method Limits
4-Bromofluorobenzene	105	70-130

CRS
2/6/06

AIR TOXICS LTD.

Client Sample ID: 8 TOX 2 Eff

Lab ID#: 0601144A-08A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5012011	Date of Collection:	1/9/06
Dil. Factor:	10.9	Date of Analysis:	1/20/06 04:27 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	5.4	68	14	170
Bromomethane	5.4	Not Detected	21	Not Detected
Chloroethane	5.4	16	14	42
1,1-Dichloroethene	5.4	120	22	460
Methylene Chloride	5.4	740	19	2600
1,1-Dichloroethane	5.4	88	22	350
cis-1,2-Dichloroethene	5.4	290	22	1200
Chloroform	5.4	53	27	260
1,1,1-Trichloroethane	5.4	650	30	3500
Carbon Tetrachloride	5.4	Not Detected	34	Not Detected
Benzene	5.4	670	17	2100
1,2-Dichloroethane	5.4	20	22	80
Trichloroethene	5.4	500	29	2700
1,2-Dichloropropane	5.4	5.3 J 15	25	24 J
cis-1,3-Dichloropropene	5.4	Not Detected	25	Not Detected
Toluene	5.4	2100	20	8000
trans-1,3-Dichloropropene	5.4	Not Detected	25	Not Detected
1,1,2-Trichloroethane	5.4	4.0 J 15	30	22 J
Tetrachloroethene	5.4	860	37	5900
Chlorobenzene	5.4	3.8 J 15	25	18 J
Ethyl Benzene	5.4	240	24	1000
m,p-Xylene	5.4	960	24	4200
o-Xylene	5.4	360	24	1600
Styrene	5.4	98	23	420
1,1,2,2-Tetrachloroethane	5.4	Not Detected	37	Not Detected
Bromodichloromethane	5.4	Not Detected	36	Not Detected
Dibromochloromethane	5.4	Not Detected	46	Not Detected
Chloromethane	22	Not Detected	45	Not Detected
Acetone	22	990	52	2400
Carbon Disulfide	22	2.7 J 15	68	8.4 J
trans-1,2-Dichloroethene	22	36	86	140
2-Butanone (Methyl Ethyl Ketone)	22	550	64	1600
4-Methyl-2-pentanone	22	130	89	530
2-Hexanone	22	5.3 J	89	22 J
Bromoform	22	Not Detected	220	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	81	70-130
Toluene-d8	96	70-130

CPS 2/6/06

AIR TOXICS LTD.

Client Sample ID: 8 TOX 2 Eff

Lab ID#: 0601144A-08A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	5012011	Date of Collection:	1/9/06
Dil. Factor:	10.9	Date of Analysis:	1/20/06 04:27 PM

Surrogates	%Recovery	Method Limits
4-Bromofluorobenzene	99	70-130

CRS
2/6/06

01/06 TO-13

AIR TOXICS LTD.

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0601144B-01A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011610	Date of Collection: 1/9/06
Dil. Factor:	1.00	Date of Analysis: 1/16/06 12:35 PM
		Date of Extraction: 1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	1.4
1,4-Dichlorobenzene	1.0	4.6
1,2-Dichlorobenzene	1.0	40
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	26
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	1.4
Naphthalene	1.0	47
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	4.1
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	10
Hexachlorocyclopentadiene	20	1.4 J 15
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	1.6 J 15
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

CKS 2/6/06

AIR TOXICS LTD.

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0601144B-01A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011610	Date of Collection:	1/9/06
Dil. Factor:	1.00	Date of Analysis:	1/16/06 12:35 PM
		Date of Extraction:	1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	2.8 J 15
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	70	50-150
Phenol-d5	94	50-150
Nitrobenzene-d5	108	50-150
2,4,6-Tribromophenol	94	50-150
Fluorene-d10	83	60-120
Pyrene-d10	88	60-120

ORS
2/6/06

AIR TOXICS LTD.

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0601144B-02A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011611	Date of Collection:	1/9/06
Dil. Factor:	1.00	Date of Analysis:	1/16/06 01:05 PM
		Date of Extraction:	1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	5.4
1,4-Dichlorobenzene	1.0	14
1,2-Dichlorobenzene	1.0	65
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	4.2
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	0.67 J B
Naphthalene	1.0	37
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	11
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	23
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	1.4 J B
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

CRS 2/6/06

AIR TOXICS LTD.

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0601144B-02A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011611	Date of Collection:	1/9/06
Dil. Factor:	1.00	Date of Analysis:	1/16/06 01:05 PM
		Date of Extraction:	1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	32
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	3.2 J 15
Di-n-Octylphthalate	5.0	4.0 J 15
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.
Q = Exceeds Quality Control limits.
Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	34 Q	50-150
Phenol-d5	91	50-150
Nitrobenzene-d5	90	50-150
2,4,6-Tribromophenol	99	50-150
Fluorene-d10	83	60-120
Pyrene-d10	87	60-120

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AIR TOXICS LTD.

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0601144B-03A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011612	Date of Collection:	1/9/06
Dil. Factor:	1.00	Date of Analysis:	1/16/06 01:34 PM
		Date of Extraction:	1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	2.3
1,4-Dichlorobenzene	1.0	6.1
1,2-Dichlorobenzene	1.0	28
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	1.6
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	13
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	4.0
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	8.7
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	0.66 J
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

DTS
2/6/06

AIR TOXICS LTD.

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0601144B-03A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011612	Date of Collection:	1/9/06
Dil. Factor:	1.00	Date of Analysis:	1/16/06 01:34 PM
		Date of Extraction:	1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	0.99 J 15
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.71 J 15
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	50	50-150
Phenol-d5	81	50-150
Nitrobenzene-d5	92	50-150
2,4,6-Tribromophenol	86	50-150
Fluorene-d10	76	60-120
Pyrene-d10	78	60-120

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2/6/06

AIR TOXICS LTD.

Client Sample ID: 4 TOX 1 INF Dup

Lab ID#: 0601144B-04A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011613	Date of Collection:	1/9/06
Dil. Factor:	1.00	Date of Analysis:	1/16/06 02:04 PM
		Date of Extraction:	1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	2.9
1,4-Dichlorobenzene	1.0	7.6
1,2-Dichlorobenzene	1.0	34
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	1.8
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	18
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	5.1
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	12
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

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2/6/06

AIR TOXICS LTD.

Client Sample ID: 4 TOX 1 INF Dup

Lab ID#: 0601144B-04A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011613	Date of Collection: 1/9/06
Dil. Factor:	1.00	Date of Analysis: 1/16/06 02:04 PM
		Date of Extraction: 1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	1.0 J 15
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	51	50-150
Phenol-d5	85	50-150
Nitrobenzene-d5	93	50-150
2,4,6-Tribromophenol	86	50-150
Fluorene-d10	79	60-120
Pyrene-d10	83	60-120

CRS
2/6/06

AIR TOXICS LTD.

Client Sample ID: 5 TOX 1 Eff

Lab ID#: 0601144B-05A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011614	Date of Collection:	1/9/06
Dil. Factor:	1.00	Date of Analysis:	1/16/06 02:34 PM
		Date of Extraction:	1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	Not Detected
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	0.77 J 15
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	0.27 J 15
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	0.31 J 15
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	0.38 J 15
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

OKS 2/6/06

AIR TOXICS LTD.

Client Sample ID: 5 TOX 1 Eff

Lab ID#: 0601144B-05A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011614	Date of Collection:	1/9/06
Dil. Factor:	1.00	Date of Analysis:	1/16/06 02:34 PM
		Date of Extraction:	1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	0.36 J
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	1.5
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.30 J
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	0.35 J

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	77	50-150
Phenol-d5	88	50-150
Nitrobenzene-d5	93	50-150
2,4,6-Tribromophenol	92	50-150
Fluorene-d10	76	60-120
Pyrene-d10	80	60-120

CBS 2/6/06

AIR TOXICS LTD.

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0601144B-06A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011615	Date of Collection:	1/9/06
Dil. Factor:	1.00	Date of Analysis:	1/16/06 03:03 PM
		Date of Extraction:	1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	0.44 J
1,4-Dichlorobenzene	1.0	1.3
1,2-Dichlorobenzene	1.0	11
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	3.9
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	5.2
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	0.67 J
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	0.99 J
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

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ORS 2/6/06

AIR TOXICS LTD.

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0601144B-06A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011615	Date of Collection:	1/9/06
Dil. Factor:	1.00	Date of Analysis:	1/16/06 03:03 PM
		Date of Extraction:	1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.83 J 15
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	72	50-150
Phenol-d5	85	50-150
Nitrobenzene-d5	99	50-150
2,4,6-Tribromophenol	90	50-150
Fluorene-d10	75	60-120
Pyrene-d10	79	60-120

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AIR TOXICS LTD.

Client Sample ID: 7 TOX 2 INF Dup

Lab ID#: 0601144B-07A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011615	Date of Collection:	1/9/06
Dil. Factor:	1.00	Date of Analysis:	1/16/06 03:33 PM
		Date of Extraction:	1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	0.58 J 15
1,4-Dichlorobenzene	1.0	1.7
1,2-Dichlorobenzene	1.0	13
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	3.6
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	5.4
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	0.91 J 15
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	0.87 J 15
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	0.51 J 15
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

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AIR TOXICS LTD.

Client Sample ID: 7 TOX 2 INF Dup

Lab ID#: 0601144B-07A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011616	Date of Collection:	1/9/06
Dil. Factor:	1.00	Date of Analysis:	1/16/06 03:33 PM
		Date of Extraction:	1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.71 J 15
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	71	50-150
Phenol-d5	88	50-150
Nitrobenzene-d5	100	50-150
2,4,6-Tribromophenol	93	50-150
Fluorene-d10	77	60-120
Pyrene-d10	83	60-120

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AIR TOXICS LTD.

Client Sample ID: 8 TOX 2 Eff

Lab ID#: 0601144B-08A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011617	Date of Collection:	1/9/06
Dil. Factor:	1.00	Date of Analysis:	1/16/06 04:02 PM
		Date of Extraction:	1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected
1,2-Dichlorobenzene	1.0	1.2
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	Not Detected
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	1.8
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

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AIR TOXICS LTD.

Client Sample ID: 8 TOX 2 Eff

Lab ID#: 0601144B-08A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p011617	Date of Collection: 1/9/06
Dil. Factor:	1.00	Date of Analysis: 1/16/06 04:02 PM
		Date of Extraction: 1/10/06

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	11
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	69	50-150
Phenol-d5	80	50-150
Nitrobenzene-d5	87	50-150
2,4,6-Tribromophenol	93	50-150
Fluorene-d10	73	60-120
Pyrene-d10	77	60-120

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February 17, 2006 Off-Gas Sample Laboratory Results

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #1 OFFSITE ISVE

Lab ID#: 0602435A-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	i030109	Date of Collection:	2/17/06
Dil. Factor:	536	Date of Analysis:	3/1/06 04:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	270	230 J /5	680	600 J
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	Not Detected	710	Not Detected
1,1-Dichloroethene	270	Not Detected	1100	Not Detected
Methylene Chloride	270	16000	930	55000
1,1-Dichloroethane	270	2400	1100	9500
cis-1,2-Dichloroethene	270	2400	1100	9300
Chloroform	270	1500	1300	7300
1,1,1-Trichloroethane	270	22000	1500	120000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	12000	860	40000
1,2-Dichloroethane	270	640	1100	2600
Trichloroethene	270	12000	1400	68000
1,2-Dichloropropane	270	170 J /5	1200	800 J
cis-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
Toluene	270	75000	1000	280000
trans-1,3-Dichloropropene	270	Not Detected /R	1200	Not Detected
1,1,2-Trichloroethane	270	120 J /5	1500	680 J
Tetrachloroethene	270	16000	1800	110000
Chlorobenzene	270	Not Detected	1200	Not Detected
Ethyl Benzene	270	10000	1200	44000
m,p-Xylene	270	41000	1200	180000
o-Xylene	270	16000	1200	72000
Styrene	270	670	1100	2800
1,1,2,2-Tetrachloroethane	270	Not Detected	1800	Not Detected
Bromodichloromethane	270	Not Detected	1800	Not Detected
Dibromochloromethane	270	Not Detected	2300	Not Detected
Chloromethane	1100	Not Detected	2200	Not Detected
Acetone	1100	8700	2500	21000
Carbon Disulfide	1100	160 J /5	3300	510 J
trans-1,2-Dichloroethene	1100	Not Detected	4200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	8200	3200	24000
4-Methyl-2-pentanone	1100	4800	4400	20000
2-Hexanone	1100	Not Detected	4400	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

CTS 3/20/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #1 OFFSITE ISVE

Lab ID#: 0602435A-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	I030109	Date of Collection:	2/17/06
Dil. Factor:	536	Date of Analysis:	3/1/06 04:31 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	107	70-130

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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #2 SBPA ISVE

Lab ID#: 0602435A-02A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	i030110	Date of Collection:	2/17/06
Dil. Factor:	433	Date of Analysis:	3/1/06 05:27 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	220	990	550	2500
Bromomethane	220	Not Detected	840	Not Detected
Chloroethane	220	260	570	670
1,1-Dichloroethene	220	100 J 15	860	400 J
Methylene Chloride	220	4800	750	17000
1,1-Dichloroethane	220	2600	880	10000
cis-1,2-Dichloroethene	220	18000	860	70000
Chloroform	220	7000	1000	34000
1,1,1-Trichloroethane	220	26000	1200	140000
Carbon Tetrachloride	220	Not Detected	1400	Not Detected
Benzene	220	6000	690	19000
1,2-Dichloroethane	220	290	880	1200
Trichloroethene	220	25000	1200	130000
1,2-Dichloropropane	220	380	1000	1800
cis-1,3-Dichloropropene	220	Not Detected	980	Not Detected
Toluene	220	52000	820	200000
trans-1,3-Dichloropropene	220	Not Detected 12	980	Not Detected
1,1,2-Trichloroethane	220	Not Detected	1200	Not Detected
Tetrachloroethene	220	37000	1500	250000
Chlorobenzene	220	Not Detected	1000	Not Detected
Ethyl Benzene	220	6700	940	29000
m,p-Xylene	220	37000	940	160000
o-Xylene	220	23000	940	100000
Styrene	220	Not Detected	920	Not Detected
1,1,2,2-Tetrachloroethane	220	Not Detected	1500	Not Detected
Bromodichloromethane	220	Not Detected	1400	Not Detected
Dibromochloromethane	220	Not Detected	1800	Not Detected
Chloromethane	870	Not Detected	1800	Not Detected
Acetone	870	990	2000	2400
Carbon Disulfide	870	310 J 15	2700	950 J
trans-1,2-Dichloroethene	870	Not Detected	3400	Not Detected
2-Butanone (Methyl Ethyl Ketone)	870	Not Detected	2600	Not Detected
4-Methyl-2-pentanone	870	Not Detected	3500	Not Detected
2-Hexanone	870	Not Detected	3500	Not Detected
Bromoform	870	Not Detected	9000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #2 SBPA ISVE

Lab ID#: 0602435A-02A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	I030110	Date of Collection:	2/17/06
Dil. Factor:	433	Date of Analysis:	3/1/06 05:27 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	103	70-130

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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #3 TOX 1 INF

Lab ID#: 0602435A-03A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	I030111	Date of Collection:	2/17/06
Dil. Factor:	440	Date of Analysis:	3/1/06 06:22 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	220	930	560	2400
Bromomethane	220	Not Detected	850	Not Detected
Chloroethane	220	270	580	720
1,1-Dichloroethene	220	120 J K	870	490 J
Methylene Chloride	220	5200	760	18000
1,1-Dichloroethane	220	2700	890	11000
cis-1,2-Dichloroethene	220	18000	870	72000
Chloroform	220	7000	1100	34000
1,1,1-Trichloroethane	220	26000	1200	140000
Carbon Tetrachloride	220	Not Detected	1400	Not Detected
Benzene	220	6100	700	20000
1,2-Dichloroethane	220	310	890	1200
Trichloroethene	220	24000	1200	130000
1,2-Dichloropropane	220	400	1000	1800
cis-1,3-Dichloropropene	220	Not Detected	1000	Not Detected
Toluene	220	51000	830	190000
trans-1,3-Dichloropropene	220	Not Detected JC	1000	Not Detected
1,1,2-Trichloroethane	220	Not Detected	1200	Not Detected
Tetrachloroethene	220	36000	1500	240000
Chlorobenzene	220	Not Detected	1000	Not Detected
Ethyl Benzene	220	6700	960	29000
m,p-Xylene	220	36000	960	160000
o-Xylene	220	23000	960	98000
Styrene	220	Not Detected	940	Not Detected
1,1,2,2-Tetrachloroethane	220	Not Detected	1500	Not Detected
Bromodichloromethane	220	Not Detected	1500	Not Detected
Dibromochloromethane	220	Not Detected	1900	Not Detected
Chloromethane	880	Not Detected	1800	Not Detected
Acetone	880	1200	2100	2800
Carbon Disulfide	880	380 J 15	2700	1200 J
trans-1,2-Dichloroethene	880	Not Detected	3500	Not Detected
2-Butanone (Methyl Ethyl Ketone)	880	Not Detected	2600	Not Detected
4-Methyl-2-pentanone	880	Not Detected	3600	Not Detected
2-Hexanone	880	Not Detected	3600	Not Detected
Bromoform	880	Not Detected	9100	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #3 TOX 1 INF

Lab ID#: 0602435A-03A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	i030111	Date of Collection:	2/17/06
Dil. Factor:	440	Date of Analysis:	3/1/06 06:22 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	103	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #4 TOX 1 INF Dup

Lab ID#: 0602435A-04A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	I030209	Date of Collection:	2/17/06
Dil. Factor:	466	Date of Analysis:	3/2/06 04:24 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	230	990	600	2500
Bromomethane	230	Not Detected	900	Not Detected
Chloroethane	230	220 J 15	610	590 J
1,1-Dichloroethene	230	Not Detected	920	Not Detected
Methylene Chloride	230	4400	810	15000
1,1-Dichloroethane	230	2300	940	9200
cis-1,2-Dichloroethene	230	17000	920	67000
Chloroform	230	7100	1100	34000
1,1,1-Trichloroethane	230	28000	1300	150000
Carbon Tetrachloride	230	Not Detected	1500	Not Detected
Benzene	230	6100	740	19000
1,2-Dichloroethane	230	310	940	1300
Trichloroethene	230	26000	1200	140000
1,2-Dichloropropane	230	350	1100	1600
cis-1,3-Dichloropropene	230	Not Detected	1000	Not Detected
Toluene	230	55000	880	210000
trans-1,3-Dichloropropene	230	Not Detected /R	1000	Not Detected
1,1,2-Trichloroethane	230	Not Detected	1300	Not Detected
Tetrachloroethene	230	38000	1600	260000
Chlorobenzene	230	Not Detected	1100	Not Detected
Ethyl Benzene	230	7100	1000	31000
m,p-Xylene	230	39000	1000	170000
o-Xylene	230	25000	1000	110000
Styrene	230	Not Detected	990	Not Detected
1,1,2,2-Tetrachloroethane	230	Not Detected	1600	Not Detected
Bromodichloromethane	230	Not Detected	1600	Not Detected
Dibromochloromethane	230	Not Detected	2000	Not Detected
Chloromethane	930	Not Detected	1900	Not Detected
Acetone	930	800 J /5	2200	1900 J
Carbon Disulfide	930	200 J /5	2900	620 J
trans-1,2-Dichloroethene	930	Not Detected	3700	Not Detected
2-Butanone (Methyl Ethyl Ketone)	930	Not Detected	2700	Not Detected
4-Methyl-2-pentanone	930	290 J /5	3800	1200 J
2-Hexanone	930	Not Detected	3800	Not Detected
Bromoform	930	Not Detected	9600	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

OG 3/20/06

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #4 TOX 1 INF Dup

Lab ID#: 0602435A-04A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	i030209	Date of Collection:	2/17/06
Dil. Factor:	466	Date of Analysis:	3/2/06 04:24 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	106	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #5 TOX 1 EFF

Lab ID#: 0602435A-05A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	I030210	Date of Collection:	2/17/06
Dil. Factor:	3.88	Date of Analysis:	3/2/06 05:03 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	1.9	120	5.0	300
Bromomethane	1.9	Not Detected	7.5	Not Detected
Chloroethane	1.9	25	5.1	66
1,1-Dichloroethene	1.9	110	7.7	430
Methylene Chloride	1.9	24	6.7	84
1,1-Dichloroethane	1.9	22	7.8	88
cis-1,2-Dichloroethene	1.9	300	7.7	1200
Chloroform	1.9	15	9.5	74
1,1,1-Trichloroethane	1.9	200	10	1100
Carbon Tetrachloride	1.9	Not Detected	12	Not Detected
Benzene	1.9	140	6.2	440
1,2-Dichloroethane	1.9	Not Detected	7.8	Not Detected
Trichloroethene	1.9	260	10	1400
1,2-Dichloropropane	1.9	Not Detected	9.0	Not Detected
cis-1,3-Dichloropropene	1.9	Not Detected	8.8	Not Detected
Toluene	1.9	240	7.3	920
trans-1,3-Dichloropropene	1.9	0.69 J 15	8.8	3.1 J
1,1,2-Trichloroethane	1.9	Not Detected	10	Not Detected
Tetrachloroethene	1.9	480	13	3300
Chlorobenzene	1.9	4.5	8.9	21
Ethyl Benzene	1.9	31	8.4	130
m,p-Xylene	1.9	130	8.4	550
o-Xylene	1.9	42	8.4	180
Styrene	1.9	12	8.3	53
1,1,2,2-Tetrachloroethane	1.9	Not Detected	13	Not Detected
Bromodichloromethane	1.9	0.75 J 15	13	5.0 J
Dibromochloromethane	1.9	Not Detected	16	Not Detected
Chloromethane	7.8	28	16	58
Acetone	7.8	29	18	68
Carbon Disulfide	7.8	0.95 J 15	24	3.0 J
trans-1,2-Dichloroethene	7.8	27	31	110
2-Butanone (Methyl Ethyl Ketone)	7.8	Not Detected	23	Not Detected
4-Methyl-2-pentanone	7.8	7.8	32	32
2-Hexanone	7.8	Not Detected	32	Not Detected
Bromoform	7.8	Not Detected	80	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #5 TOX 1 EFF

Lab ID#: 0602435A-05A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	i030210	Date of Collection:	2/17/06
Dil. Factor:	3.88	Date of Analysis:	3/2/06 05:03 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	112	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #6 TOX 2 INF

Lab ID#: 0602435A-06A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	i030211	Date of Collection:	2/17/06
Dil. Factor:	520	Date of Analysis:	3/2/06 05:49 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	260	840	660	2200
Bromomethane	260	Not Detected	1000	Not Detected
Chloroethane	260	510	690	1300
1,1-Dichloroethene	260	Not Detected	1000	Not Detected
Methylene Chloride	260	11000	900	38000
1,1-Dichloroethane	260	2200	1000	8900
cis-1,2-Dichloroethene	260	9600	1000	38000
Chloroform	260	1200	1300	5700
1,1,1-Trichloroethane	260	18000	1400	96000
Carbon Tetrachloride	260	Not Detected	1600	Not Detected
Benzene	260	11000	830	34000
1,2-Dichloroethane	260	530	1000	2100
Trichloroethene	260	11000	1400	60000
1,2-Dichloropropane	260	140 J 15	1200	670 J
cis-1,3-Dichloropropene	260	Not Detected	1200	Not Detected
Toluene	260	55000	980	210000
trans-1,3-Dichloropropene	260	Not Detected 12	1200	Not Detected
1,1,2-Trichloroethane	260	Not Detected	1400	Not Detected
Tetrachloroethene	260	15000	1800	100000
Chlorobenzene	260	Not Detected	1200	Not Detected
Ethyl Benzene	260	6500	1100	28000
m,p-Xylene	260	26000	1100	110000
o-Xylene	260	10000	1100	45000
Styrene	260	Not Detected	1100	Not Detected
1,1,2,2-Tetrachloroethane	260	Not Detected	1800	Not Detected
Bromodichloromethane	260	Not Detected	1700	Not Detected
Dibromochloromethane	260	Not Detected	2200	Not Detected
Chloromethane	1000	Not Detected	2100	Not Detected
Acetone	1000	5600	2500	13000
Carbon Disulfide	1000	230 J 15	3200	710 J
trans-1,2-Dichloroethene	1000	Not Detected	4100	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1000	5200	3100	15000
4-Methyl-2-pentanone	1000	3000	4300	12000
2-Hexanone	1000	Not Detected	4300	Not Detected
Bromoform	1000	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #6 TOX 2 INF

Lab ID#: 0602435A-06A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	I030211	Date of Collection:	2/17/06
Dil. Factor:	520	Date of Analysis:	3/2/06 05:49 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	106	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #7 TOX 2 INF Dup

Lab ID#: 0602435A-07A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	i030212	Date of Collection:	2/17/06
Dil. Factor:	463	Date of Analysis:	3/2/06 06:32 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	230	750	590	1900
Bromomethane	230	Not Detected	900	Not Detected
Chloroethane	230	520	610	1400
1,1-Dichloroethene	230	Not Detected	920	Not Detected
Methylene Chloride	230	11000	800	38000
1,1-Dichloroethane	230	2100	940	8500
cis-1,2-Dichloroethene	230	9200	920	36000
Chloroform	230	1100	1100	5500
1,1,1-Trichloroethane	230	17000	1300	92000
Carbon Tetrachloride	230	Not Detected	1400	Not Detected
Benzene	230	10000	740	34000
1,2-Dichloroethane	230	510	940	2000
Trichloroethene	230	11000	1200	60000
1,2-Dichloropropane	230	130 J J	1100	620 J
cis-1,3-Dichloropropene	230	Not Detected	1000	Not Detected
Toluene	230	57000	870	210000
trans-1,3-Dichloropropene	230	Not Detected R	1000	Not Detected
1,1,2-Trichloroethane	230	Not Detected	1300	Not Detected
Tetrachloroethene	230	16000	1600	100000
Chlorobenzene	230	Not Detected	1100	Not Detected
Ethyl Benzene	230	6800	1000	30000
m,p-Xylene	230	28000	1000	120000
o-Xylene	230	11000	1000	47000
Styrene	230	Not Detected	990	Not Detected
1,1,2,2-Tetrachloroethane	230	Not Detected	1600	Not Detected
Bromodichloromethane	230	Not Detected	1600	Not Detected
Dibromochloromethane	230	Not Detected	2000	Not Detected
Chloromethane	930	Not Detected	1900	Not Detected
Acetone	930	5300	2200	13000
Carbon Disulfide	930	230 J J	2900	730 J
trans-1,2-Dichloroethene	930	Not Detected	3700	Not Detected
2-Butanone (Methyl Ethyl Ketone)	930	4700	2700	14000
4-Methyl-2-pentanone	930	3000	3800	12000
2-Hexanone	930	Not Detected	3800	Not Detected
Bromoform	930	Not Detected	9600	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #7 TOX 2 INF Dup

Lab ID#: 0602435A-07A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	I030212	Date of Collection:	2/17/06
Dil. Factor:	463	Date of Analysis:	3/2/06 06:32 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	103	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #8 TOX 2 EFF

Lab ID#: 0602435A-08A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	I030213	Date of Collection:	2/17/06
Dil. Factor:	13.4	Date of Analysis:	3/2/06 07:14 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	6.7	Not Detected	17	Not Detected
Bromomethane	6.7	Not Detected	26	Not Detected
Chloroethane	6.7	26	18	68
1,1-Dichloroethene	6.7	120	26	470
Methylene Chloride	6.7	480	23	1600
1,1-Dichloroethane	6.7	90	27	360
cis-1,2-Dichloroethene	6.7	480	26	1900
Chloroform	6.7	48	33	230
1,1,1-Trichloroethane	6.7	600	36	3200
Carbon Tetrachloride	6.7	Not Detected	42	Not Detected
Benzene	6.7	560	21	1800
1,2-Dichloroethane	6.7	18	27	74
Trichloroethene	6.7	500	36	2700
1,2-Dichloropropane	6.7	5.8 J 15	31	27 J
cis-1,3-Dichloropropene	6.7	Not Detected	30	Not Detected
Toluene	6.7	1700	25	6500
trans-1,3-Dichloropropene	6.7	Not Detected 18	30	Not Detected
1,1,2-Trichloroethane	6.7	3.1 J 15	36	17 J
Tetrachloroethene	6.7	860	45	5800
Chlorobenzene	6.7	3.5 J 15	31	16 J
Ethyl Benzene	6.7	180	29	780
m,p-Xylene	6.7	620	29	2700
o-Xylene	6.7	260	29	1100
Styrene	6.7	40	28	170
1,1,2,2-Tetrachloroethane	6.7	Not Detected	46	Not Detected
Bromodichloromethane	6.7	Not Detected	45	Not Detected
Dibromochloromethane	6.7	Not Detected	57	Not Detected
Chloromethane	27	Not Detected	55	Not Detected
Acetone	27	430	64	1000
Carbon Disulfide	27	Not Detected	83	Not Detected
trans-1,2-Dichloroethene	27	50	110	200
2-Butanone (Methyl Ethyl Ketone)	27	200	79	590
4-Methyl-2-pentanone	27	54	110	220
2-Hexanone	27	Not Detected	110	Not Detected
Bromoform	27	Not Detected	280	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #8 TOX 2 EFF

Lab ID#: 0602435A-08A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	i030213	Date of Collection:	2/17/06
Dil. Factor:	13.4	Date of Analysis:	3/2/06 07:14 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	96	70-130

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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #1 OFFSITE ISVE

Lab ID#: 0602435B-01A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022821	Date of Collection:	2/17/06
Dil. Factor:	1.00	Date of Analysis:	2/28/06 10:04 AM
		Date of Extraction:	2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	0.94 J 15
1,4-Dichlorobenzene	1.0	3.3
1,2-Dichlorobenzene	1.0	29
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	18
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	0.97 J 15
Naphthalene	1.0	33
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	2.2
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	6.4
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	40	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected 3/20/06

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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #1 OFFSITE ISVE

Lab ID#: 0602435B-01A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022821	Date of Collection:	2/17/06
Dil. Factor:	1.00	Date of Analysis:	2/28/06 10:04 AM
		Date of Extraction:	2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.87 J 15
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	88	50-150
Phenol-d5	99	50-150
Nitrobenzene-d5	96	50-150
2,4,6-Tribromophenol	83	50-150
Fluorene-d10	83	60-120
Pyrene-d10	90	60-120

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #1 OFFSITE ISVE Duplicate

Lab ID#: 0602435B-01AA

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022832	Date of Collection:	2/17/06
Dil. Factor:	1.00	Date of Analysis:	2/28/06 03:45 PM
		Date of Extraction:	2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	0.97 J 15
1,4-Dichlorobenzene	1.0	3.3
1,2-Dichlorobenzene	1.0	30
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	18
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	1.0
Naphthalene	1.0	33
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	2.1
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	6.6
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	40	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #1 OFFSITE ISVE Duplicate

Lab ID#: 0602435B-01AA

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022832	Date of Collection:	2/17/06
Dil. Factor:	1.00	Date of Analysis:	2/28/06 03:45 PM
		Date of Extraction:	2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.73 J B
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	86	50-150
Phenol-d5	98	50-150
Nitrobenzene-d5	94	50-150
2,4,6-Tribromophenol	81	50-150
Fluorene-d10	83	60-120
Pyrene-d10	88	60-120

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #2 SBPA ISVE

Lab ID#: 0602435B-02A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022822	Date of Collection:	2/17/06
Dil. Factor:	1.00	Date of Analysis:	2/28/06 10:34 AM
		Date of Extraction:	2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	3.9
1,4-Dichlorobenzene	1.0	11
1,2-Dichlorobenzene	1.0	50
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	1.5
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	0.50 J 15
Naphthalene	1.0	19
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	6.0
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	13
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	40	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #2 SBPA ISVE

Lab ID#: 0602435B-02A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022822	Date of Collection:	2/17/06
Dil. Factor:	1.00	Date of Analysis:	2/28/06 10:34 AM
		Date of Extraction:	2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	3.8 J B
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	1.6 J B
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	85	50-150
Phenol-d5	95	50-150
Nitrobenzene-d5	95	50-150
2,4,6-Tribromophenol	83	50-150
Fluorene-d10	84	60-120
Pyrene-d10	86	60-120

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #3 TOX 1 INF

Lab ID#: 0602435B-03A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022823	Date of Collection:	2/17/06
Dil. Factor:	1.00	Date of Analysis:	2/28/06 11:20 AM
		Date of Extraction:	2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	3.6
1,4-Dichlorobenzene	1.0	9.8
1,2-Dichlorobenzene	1.0	46
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	1.4
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	0.45 J 15
Naphthalene	1.0	19
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	5.3
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	14
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	40	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #3 TOX 1 INF

Lab ID#: 0602435B-03A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022823	Date of Collection:	2/17/06
Dil. Factor:	1.00	Date of Analysis:	2/28/06 11:20 AM
		Date of Extraction:	2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	Not Detected
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	91	50-150
Phenol-d5	100	50-150
Nitrobenzene-d5	100	50-150
2,4,6-Tribromophenol	89	50-150
Fluorene-d10	85	60-120
Pyrene-d10	92	60-120

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #4 TOX 1 INF Dup

Lab ID#: 0602435B-04A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022824	Date of Collection:	2/17/06
Dil. Factor:	1.00	Date of Analysis:	2/28/06 11:50 AM
		Date of Extraction:	2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	4.2
1,4-Dichlorobenzene	1.0	12
1,2-Dichlorobenzene	1.0	55
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	1.6
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	0.64 J 15
Naphthalene	1.0	22
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	7.1
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	18
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	40	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #4 TOX 1 INF Dup

Lab ID#: 0602435B-04A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022824	Date of Collection:	2/17/06
Dil. Factor:	1.00	Date of Analysis:	2/28/06 11:50 AM
		Date of Extraction:	2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.90 J 15
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	91	50-150
Phenol-d5	97	50-150
Nitrobenzene-d5	96	50-150
2,4,6-Tribromophenol	86	50-150
Fluorene-d10	84	60-120
Pyrene-d10	89	60-120

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #5 TOX 1 EFF

Lab ID#: 0602435B-05A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022825	Date of Collection: 2/17/06
Dil. Factor:	1.00	Date of Analysis: 2/28/06 12:19 PM
		Date of Extraction: 2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	Not Detected
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	0.68 J
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	40	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #5 TOX 1 EFF

Lab ID#: 0602435B-05A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022825	Date of Collection:	2/17/06
Dil. Factor:	1.00	Date of Analysis:	2/28/06 12:19 PM
		Date of Extraction:	2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	4.2 J 15
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	98	50-150
Phenol-d5	100	50-150
Nitrobenzene-d5	88	50-150
2,4,6-Tribromophenol	88	50-150
Fluorene-d10	83	60-120
Pyrene-d10	92	60-120

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #6 TOX 2 INF

Lab ID#: 0602435B-06A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022826	Date of Collection: 2/17/06
Dil. Factor:	1.00	Date of Analysis: 2/28/06 12:49 PM
		Date of Extraction: 2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected
1,4-Dichlorobenzene	1.0	0.95 J 15
1,2-Dichlorobenzene	1.0	7.0
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	1.5
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	3.0
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	0.35 J 15
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	0.56 J 15
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	40	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #6 TOX 2 INF

Lab ID#: 0602435B-06A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022826	Date of Collection:	2/17/06
Dil. Factor:	1.00	Date of Analysis:	2/28/06 12:49 PM
		Date of Extraction:	2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	Not Detected
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	87	50-150
Phenol-d5	92	50-150
Nitrobenzene-d5	90	50-150
2,4,6-Tribromophenol	83	50-150
Fluorene-d10	83	60-120
Pyrene-d10	88	60-120

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #7 TOX 2 INF Dup

Lab ID#: 0602435B-07A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022827	Date of Collection:	2/17/06
Dil. Factor:	1.00	Date of Analysis:	2/28/06 01:19 PM
		Date of Extraction:	2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	0.45 J 15
1,4-Dichlorobenzene	1.0	1.4
1,2-Dichlorobenzene	1.0	11
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	2.0
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	3.9
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	0.46 J 15
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	0.69 J 15
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	40	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #7 TOX 2 INF Dup

Lab ID#: 0602435B-07A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022827	Date of Collection:	2/17/06
Dil. Factor:	1.00	Date of Analysis:	2/28/06 01:19 PM
		Date of Extraction:	2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	Not Detected
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	89	50-150
Phenol-d5	92	50-150
Nitrobenzene-d5	93	50-150
2,4,6-Tribromophenol	83	50-150
Fluorene-d10	83	60-120
Pyrene-d10	86	60-120

3/20/06
CKS

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #8 TOX 2 EFF

Lab ID#: 0602435B-08A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022831	Date of Collection: 2/17/06
Dil. Factor:	1.00	Date of Analysis: 2/28/06 03:15 PM
		Date of Extraction: 2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected
1,2-Dichlorobenzene	1.0	1.0
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	Not Detected
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	1.3
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	40	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: #8 TOX 2 EFF

Lab ID#: 0602435B-08A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p022831	Date of Collection:	2/17/06
Dil. Factor:	1.00	Date of Analysis:	2/28/06 03:15 PM
		Date of Extraction:	2/22/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	1.3 J 15
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	89	50-150
Phenol-d5	96	50-150
Nitrobenzene-d5	88	50-150
2,4,6-Tribromophenol	82	50-150
Fluorene-d10	83	60-120
Pyrene-d10	88	60-120

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

CHAIN-OF-CUSTODY RECORD

Contact Person: CHRIS DAILY
Company: MWH
Email:
Address: 175 JACKSON BLVD City: CHICAGO State: IL Zip: 60604
Phone: 312-831-3406 Fax:
Collected by: (Signature): [signature]

Project Info:
P.O. #:
Project #:
Project Name: ACS-GRAFITIP

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final
[illegible]	#1 OFFSITE ISVE	13653/2224	2/17/06	1137	TO13A/TO14A SUMA/SUBTUBE	-30	0		
[illegible]	#2 SBPA ISVE	20734/860		1133					
[illegible]	#3 TOX1 INF	23926/2165		1153					
[illegible]	#4 TOX1 INF DUP	14889		1210					
[illegible]	#5 TOX1 EFF	2275		1217					
[illegible]	#6 TOX2 INF	3357B/3135		1201					
[illegible]	#7 TOX2 INF DUP	2504/1019		1214					
[illegible]	#8 TOX2 EFF	1862		1233					

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	2/17/06 1300	FED EX	
FED EX		[signature]	02/21/06 1000

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact	Work Order #
	FedEx	855396119906	#32	Good	Yes No None	0002435

Form 1293 rev.10

March 6, 2006 Off-Gas Sample Laboratory Results

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0603139A-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031713	Date of Collection:	3/6/06
Dil. Factor:	893	Date of Analysis:	3/17/06 04:50 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	450	330 J 15	1100	840 J
Bromomethane	450	Not Detected	1700	Not Detected
Chloroethane	450	Not Detected	1200	Not Detected
1,1-Dichloroethene	450	230 J 15	1800	900 J
Methylene Chloride	450	23000	1600	80000
1,1-Dichloroethane	450	3200	1800	13000
cis-1,2-Dichloroethene	450	2700	1800	11000
Chloroform	450	1800	2200	9000
1,1,1-Trichloroethane	450	26000	2400	140000
Carbon Tetrachloride	450	Not Detected	2800	Not Detected
Benzene	450	14000	1400	46000
1,2-Dichloroethane	450	810	1800	3300
Trichloroethene	450	15000	2400	81000
1,2-Dichloropropane	450	210 J 15	2100	960 J
cis-1,3-Dichloropropene	450	Not Detected	2000	Not Detected
Toluene	450	100000	1700	390000
trans-1,3-Dichloropropene	450	Not Detected	2000	Not Detected
1,1,2-Trichloroethane	450	Not Detected	2400	Not Detected
Tetrachloroethene	450	23000	3000	150000
Chlorobenzene	450	Not Detected	2000	Not Detected
Ethyl Benzene	450	14000	1900	59000
m,p-Xylene	450	61000	1900	260000
o-Xylene	450	23000	1900	100000
Styrene	450	Not Detected	1900	Not Detected
1,1,2,2-Tetrachloroethane	450	Not Detected	3100	Not Detected
Bromodichloromethane	450	Not Detected	3000	Not Detected
Dibromochloromethane	450	Not Detected	3800	Not Detected
Chloromethane	1800	Not Detected	3700	Not Detected
Acetone	1800	11000	4200	27000
Carbon Disulfide	1800	Not Detected	5600	Not Detected
trans-1,2-Dichloroethene	1800	Not Detected	7100	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1800	11000	5300	33000
4-Methyl-2-pentanone	1800	6600	7300	27000
2-Hexanone	1800	Not Detected	7300	Not Detected
Bromoform	1800	Not Detected	18000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0603139A-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031713	Date of Collection:	3/6/06
Dil. Factor:	893	Date of Analysis:	3/17/06 04:50 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	94	70-130

4/28/06
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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0603139A-02A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031714	Date of Collection:	3/6/06
Dil. Factor:	670	Date of Analysis:	3/17/06 05:33 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	340	760	860	1900
Bromomethane	340	Not Detected	1300	Not Detected
Chloroethane	340	Not Detected	880	Not Detected
1,1-Dichloroethene	340	320 J 15	1300	1300
Methylene Chloride	340	6400	1200	22000
1,1-Dichloroethane	340	3300	1400	13000
cis-1,2-Dichloroethene	340	21000	1300	84000
Chloroform	340	7900	1600	39000
1,1,1-Trichloroethane	340	32000	1800	180000
Carbon Tetrachloride	340	Not Detected	2100	Not Detected
Benzene	340	6900	1100	22000
1,2-Dichloroethane	340	480	1400	1900
Trichloroethene	340	27000	1800	140000
1,2-Dichloropropane	340	710	1500	3300
cis-1,3-Dichloropropene	340	Not Detected	1500	Not Detected
Toluene	340	78000	1300	300000
trans-1,3-Dichloropropene	340	Not Detected	1500	Not Detected
1,1,2-Trichloroethane	340	Not Detected	1800	Not Detected
Tetrachloroethene	340	53000	2300	360000
Chlorobenzene	340	110 J 15	1500	520 J
Ethyl Benzene	340	11000	1400	48000
m,p-Xylene	340	63000	1400	280000
o-Xylene	340	37000	1400	160000
Styrene	340	Not Detected	1400	Not Detected
1,1,2,2-Tetrachloroethane	340	Not Detected	2300	Not Detected
Bromodichloromethane	340	Not Detected	2200	Not Detected
Dibromochloromethane	340	Not Detected	2800	Not Detected
Chloromethane	1300	Not Detected	2800	Not Detected
Acetone	1300	990 J 15	3200	2400 J
Carbon Disulfide	1300	Not Detected	4200	Not Detected
trans-1,2-Dichloroethene	1300	350 J 15	5300	1400 J
2-Butanone (Methyl Ethyl Ketone)	1300	Not Detected	4000	Not Detected
4-Methyl-2-pentanone	1300	810 J 15	5500	3300 J
2-Hexanone	1300	Not Detected	5500	Not Detected
Bromoform	1300	Not Detected	14000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0603139A-02A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031714	Date of Collection:	3/6/06
Dil. Factor:	670	Date of Analysis:	3/17/06 05:33 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	93	70-130

4/28/06
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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX1 INF

Lab ID#: 0603139A-03A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031715	Date of Collection:	3/6/06
Dil. Factor:	516	Date of Analysis:	3/17/06 06:01 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	260	730	660	1900
Bromomethane	260	Not Detected	1000	Not Detected
Chloroethane	260	Not Detected	680	Not Detected
1,1-Dichloroethene	260	310	1000	1200
Methylene Chloride	260	5500	900	19000
1,1-Dichloroethane	260	2900	1000	12000
cis-1,2-Dichloroethene	260	18000	1000	72000
Chloroform	260	6900	1200	34000
1,1,1-Trichloroethane	260	28000	1400	150000
Carbon Tetrachloride	260	Not Detected	1600	Not Detected
Benzene	260	6100	820	19000
1,2-Dichloroethane	260	420	1000	1700
Trichloroethene	260	23000	1400	120000
1,2-Dichloropropane	260	530	1200	2400
cis-1,3-Dichloropropene	260	Not Detected	1200	Not Detected
Toluene	260	66000	970	250000
trans-1,3-Dichloropropene	260	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	260	Not Detected	1400	Not Detected
Tetrachloroethene	260	45000	1800	310000
Chlorobenzene	260	Not Detected	1200	Not Detected
Ethyl Benzene	260	8800	1100	38000
m,p-Xylene	260	52000	1100	220000
o-Xylene	260	31000	1100	130000
Styrene	260	Not Detected	1100	Not Detected
1,1,2,2-Tetrachloroethane	260	Not Detected	1800	Not Detected
Bromodichloromethane	260	Not Detected	1700	Not Detected
Dibromochloromethane	260	Not Detected	2200	Not Detected
Chloromethane	1000	Not Detected	2100	Not Detected
Acetone	1000	1100	2400	2600
Carbon Disulfide	1000	Not Detected	3200	Not Detected
trans-1,2-Dichloroethene	1000	Not Detected	4100	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1000	Not Detected	3000	Not Detected
4-Methyl-2-pentanone	1000	590 J B	4200	2400 J
2-Hexanone	1000	Not Detected	4200	Not Detected
Bromoform	1000	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX1 INF

Lab ID#: 0603139A-03A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031715	Date of Collection:	3/6/06
Dil. Factor:	516	Date of Analysis:	3/17/06 06:01 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	96	70-130

4/26/06
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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX1 INF DUP

Lab ID#: 0603139A-04A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031716	Date of Collection:	3/6/06
Dil. Factor:	528	Date of Analysis:	3/17/06 06:29 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	260	750	670	1900
Bromomethane	260	Not Detected	1000	Not Detected
Chloroethane	260	Not Detected	700	Not Detected
1,1-Dichloroethene	260	370	1000	1400
Methylene Chloride	260	6600	920	23000
1,1-Dichloroethane	260	3100	1100	12000
cis-1,2-Dichloroethene	260	22000	1000	85000
Chloroform	260	7700	1300	38000
1,1,1-Trichloroethane	260	32000	1400	170000
Carbon Tetrachloride	260	Not Detected	1700	Not Detected
Benzene	260	6500	840	21000
1,2-Dichloroethane	260	360	1100	1500
Trichloroethene	260	24000	1400	130000
1,2-Dichloropropane	260	510	1200	2300
cis-1,3-Dichloropropene	260	Not Detected	1200	Not Detected
Toluene	260	72000	990	270000
trans-1,3-Dichloropropene	260	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	260	Not Detected	1400	Not Detected
Tetrachloroethene	260	46000	1800	320000
Chlorobenzene	260	Not Detected	1200	Not Detected
Ethyl Benzene	260	9600	1100	42000
m,p-Xylene	260	54000	1100	240000
o-Xylene	260	33000	1100	140000
Styrene	260	Not Detected	1100	Not Detected
1,1,2,2-Tetrachloroethane	260	Not Detected	1800	Not Detected
Bromodichloromethane	260	Not Detected	1800	Not Detected
Dibromochloromethane	260	Not Detected	2200	Not Detected
Chloromethane	1000	Not Detected	2200	Not Detected
Acetone	1000	1200	2500	2800
Carbon Disulfide	1000	Not Detected	3300	Not Detected
trans-1,2-Dichloroethene	1000	Not Detected	4200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1000	Not Detected	3100	Not Detected
4-Methyl-2-pentanone	1000	810 J K	4300	3300 J
2-Hexanone	1000	Not Detected	4300	Not Detected
Bromoform	1000	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

4/28/06
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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX1 INF DUP

Lab ID#: 0603139A-04A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031716	Date of Collection:	3/6/06
Dil. Factor:	528	Date of Analysis:	3/17/06 06:29 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	91	70-130

4/28/06
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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX1 EFF

Lab ID#: 0603139A-05A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031722	Date of Collection:	3/6/06
Dil. Factor:	1.81	Date of Analysis:	3/17/06 09:48 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	0.90	67	2.3	170
Bromomethane	0.90	Not Detected	3.5	Not Detected
Chloroethane	0.90	11	2.4	30
1,1-Dichloroethene	0.90	70	3.6	280
Methylene Chloride	0.90	22	3.1	77
1,1-Dichloroethane	0.90	11	3.7	46
cis-1,2-Dichloroethene	0.90	140	3.6	570
Chloroform	0.90	6.7	4.4	33
1,1,1-Trichloroethane	0.90	80	4.9	440
Carbon Tetrachloride	0.90	0.70 J 15	5.7	4.4 J
Benzene	0.90	72	2.9	230
1,2-Dichloroethane	0.90	Not Detected	3.7	Not Detected
Trichloroethene	0.90	110	4.9	610
1,2-Dichloropropane	0.90	Not Detected	4.2	Not Detected
cis-1,3-Dichloropropene	0.90	0.79 J 15	4.1	3.6 J
Toluene	0.90	120	3.4	470
trans-1,3-Dichloropropene	0.90	Not Detected	4.1	Not Detected
1,1,2-Trichloroethane	0.90	Not Detected	4.9	Not Detected
Tetrachloroethene	0.90	290	6.1	2000
Chlorobenzene	0.90	3.1	4.2	14
Ethyl Benzene	0.90	19	3.9	84
m,p-Xylene	0.90	94	3.9	410
o-Xylene	0.90	31	3.9	130
Styrene	0.90	9.0	3.8	38
1,1,2,2-Tetrachloroethane	0.90	Not Detected	6.2	Not Detected
Bromodichloromethane	0.90	Not Detected	6.1	Not Detected
Dibromochloromethane	0.90	Not Detected	7.7	Not Detected
Chloromethane	3.6	12	7.5	24
Acetone	3.6	56	8.6	130
Carbon Disulfide	3.6	6.0	11	19
trans-1,2-Dichloroethene	3.6	15	14	60
2-Butanone (Methyl Ethyl Ketone)	3.6	13	11	38
4-Methyl-2-pentanone	3.6	13	15	53
2-Hexanone	3.6	Not Detected	15	Not Detected
Bromoform	3.6	Not Detected	37	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

4/28/06
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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX1 EFF

Lab ID#: 0603139A-05A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031722	Date of Collection:	3/6/06
Dil. Factor:	1.81	Date of Analysis:	3/17/06 09:48 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX1 EFF

Lab ID#: 0603139A-05B

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031717	Date of Collection: 3/6/06
Dil. Factor:	1.36	Date of Analysis: 3/17/06 07:01 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	0.68	72	1.7	180
Bromomethane	0.68	Not Detected	2.6	Not Detected
Chloroethane	0.68	14	1.8	38
1,1-Dichloroethene	0.68	74	2.7	290
Methylene Chloride	0.68	23	2.4	79
1,1-Dichloroethane	0.68	12	2.8	49
cis-1,2-Dichloroethene	0.68	150	2.7	600
Chloroform	0.68	7.0	3.3	34
1,1,1-Trichloroethane	0.68	86	3.7	470
Carbon Tetrachloride	0.68	0.68	4.3	4.3
Benzene	0.68	74	2.2	240
1,2-Dichloroethane	0.68	0.72	2.8	2.9
Trichloroethene	0.68	120	3.6	630
1,2-Dichloropropane	0.68	0.77	3.1	3.6
cis-1,3-Dichloropropene	0.68	Not Detected	3.1	Not Detected
Toluene	0.68	120	2.6	470
trans-1,3-Dichloropropene	0.68	Not Detected	3.1	Not Detected
1,1,2-Trichloroethane	0.68	Not Detected	3.7	Not Detected
Tetrachloroethene	0.68	280 E /E	4.6	1900 E
Chlorobenzene	0.68	3.0	3.1	14
Ethyl Benzene	0.68	19	3.0	83
m,p-Xylene	0.68	95	3.0	410
o-Xylene	0.68	33	3.0	140
Styrene	0.68	8.6	2.9	37
1,1,2,2-Tetrachloroethane	0.68	Not Detected	4.7	Not Detected
Bromodichloromethane	0.68	Not Detected	4.6	Not Detected
Dibromochloromethane	0.68	Not Detected	5.8	Not Detected
Chloromethane	2.7	11	5.6	23
Acetone	2.7	55	6.5	130
Carbon Disulfide	2.7	6.5	8.5	20
trans-1,2-Dichloroethene	2.7	17	11	67
2-Butanone (Methyl Ethyl Ketone)	2.7	13	8.0	37
4-Methyl-2-pentanone	2.7	12	11	51
2-Hexanone	2.7	Not Detected	11	Not Detected
Bromoform	2.7	Not Detected	28	Not Detected

E = Exceeds instrument calibration range.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

4/28/06
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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX1 EFF

Lab ID#: 0603139A-05B

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031717	Date of Collection:	3/6/06
Dil. Factor:	1.36	Date of Analysis:	3/17/06 07:01 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	100	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX2 INF

Lab ID#: 0603139A-06A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031718	Date of Collection:	3/6/06
Dil. Factor:	528	Date of Analysis:	3/17/06 07:35 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	260	440	670	1100
Bromomethane	260	Not Detected	1000	Not Detected
Chloroethane	260	270	700	710
1,1-Dichloroethene	260	Not Detected	1000	Not Detected
Methylene Chloride	260	14000	920	50000
1,1-Dichloroethane	260	2600	1100	10000
cis-1,2-Dichloroethene	260	7600	1000	30000
Chloroform	260	1300	1300	6400
1,1,1-Trichloroethane	260	18000	1400	96000
Carbon Tetrachloride	260	Not Detected	1700	Not Detected
Benzene	260	10000	840	32000
1,2-Dichloroethane	260	590	1100	2400
Trichloroethene	260	11000	1400	61000
1,2-Dichloropropane	260	Not Detected	1200	Not Detected
cis-1,3-Dichloropropene	260	Not Detected	1200	Not Detected
Toluene	260	70000	990	260000
trans-1,3-Dichloropropene	260	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	260	Not Detected	1400	Not Detected
Tetrachloroethene	260	17000	1800	110000
Chlorobenzene	260	Not Detected	1200	Not Detected
Ethyl Benzene	260	8800	1100	38000
m,p-Xylene	260	40000	1100	170000
o-Xylene	260	16000	1100	68000
Styrene	260	Not Detected	1100	Not Detected
1,1,2,2-Tetrachloroethane	260	Not Detected	1800	Not Detected
Bromodichloromethane	260	Not Detected	1800	Not Detected
Dibromochloromethane	260	Not Detected	2200	Not Detected
Chloromethane	1000	Not Detected	2200	Not Detected
Acetone	1000	13000	2500	30000
Carbon Disulfide	1000	Not Detected	3300	Not Detected
trans-1,2-Dichloroethene	1000	Not Detected	4200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1000	7600	3100	22000
4-Methyl-2-pentanone	1000	5100	4300	21000
2-Hexanone	1000	Not Detected	4300	Not Detected
Bromoform	1000	Not Detected	11000	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX2 INF

Lab ID#: 0603139A-06A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031718	Date of Collection:	3/6/06
Dil. Factor:	528	Date of Analysis:	3/17/06 07:35 PM

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
4-Bromofluorobenzene	93	70-130

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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 7 TOX2 INF DUP

Lab ID#: 0603139A-07A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031719	Date of Collection:	3/6/06
Dil. Factor:	528	Date of Analysis:	3/17/06 08:04 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	260	240 J 15	670	620 J
Bromomethane	260	Not Detected	1000	Not Detected
Chloroethane	260	Not Detected	700	Not Detected
1,1-Dichloroethene	260	150 J 15	1000	580 J
Methylene Chloride	260	15000	920	52000
1,1-Dichloroethane	260	2500	1100	10000
cis-1,2-Dichloroethene	260	6300	1000	25000
Chloroform	260	1400	1300	7000
1,1,1-Trichloroethane	260	18000	1400	100000
Carbon Tetrachloride	260	Not Detected	1700	Not Detected
Benzene	260	10000	840	32000
1,2-Dichloroethane	260	650	1100	2600
Trichloroethene	260	11000	1400	59000
1,2-Dichloropropane	260	240 J 15	1200	1100 J
cis-1,3-Dichloropropene	260	Not Detected	1200	Not Detected
Toluene	260	71000	990	270000
trans-1,3-Dichloropropene	260	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	260	Not Detected	1400	Not Detected
Tetrachloroethene	260	16000	1800	110000
Chlorobenzene	260	Not Detected	1200	Not Detected
Ethyl Benzene	260	8800	1100	38000
m,p-Xylene	260	39000	1100	170000
o-Xylene	260	16000	1100	69000
Styrene	260	Not Detected	1100	Not Detected
1,1,2,2-Tetrachloroethane	260	Not Detected	1800	Not Detected
Bromodichloromethane	260	Not Detected	1800	Not Detected
Dibromochloromethane	260	Not Detected	2200	Not Detected
Chloromethane	1000	Not Detected	2200	Not Detected
Acetone	1000	6800	2500	16000
Carbon Disulfide	1000	Not Detected	3300	Not Detected
trans-1,2-Dichloroethene	1000	Not Detected	4200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1000	5900	3100	18000
4-Methyl-2-pentanone	1000	4600	4300	19000
2-Hexanone	1000	Not Detected	4300	Not Detected
Bromoform	1000	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

4/26/06
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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 7 TOX2 INF DUP

Lab ID#: 0603139A-07A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031719	Date of Collection:	3/6/06
Dil. Factor:	528	Date of Analysis:	3/17/06 08:04 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	94	70-130

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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX2 EFFLUENT

Lab ID#: 0603139A-08A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031720	Date of Collection:	3/6/06
Dil. Factor:	17.9	Date of Analysis:	3/17/06 08:32 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	9.0	62	23	160
Bromomethane	9.0	Not Detected	35	Not Detected
Chloroethane	9.0	13	24	34
1,1-Dichloroethene	9.0	120	35	490
Methylene Chloride	9.0	530	31	1800
1,1-Dichloroethane	9.0	84	36	340
cis-1,2-Dichloroethene	9.0	340	35	1300
Chloroform	9.0	51	44	250
1,1,1-Trichloroethane	9.0	620	49	3400
Carbon Tetrachloride	9.0	3.8 J 15	56	24 J
Benzene	9.0	480	28	1500
1,2-Dichloroethane	9.0	19	36	79
Trichloroethene	9.0	400	48	2200
1,2-Dichloropropane	9.0	Not Detected	41	Not Detected
cis-1,3-Dichloropropene	9.0	Not Detected	41	Not Detected
Toluene	9.0	1800	34	6700
trans-1,3-Dichloropropene	9.0	Not Detected	41	Not Detected
1,1,2-Trichloroethane	9.0	Not Detected	49	Not Detected
Tetrachloroethene	9.0	710	61	4800
Chlorobenzene	9.0	3.0 J 15	41	14 J
Ethyl Benzene	9.0	180	39	780
m,p-Xylene	9.0	710	39	3100
o-Xylene	9.0	290	39	1200
Styrene	9.0	Not Detected	38	Not Detected
1,1,2,2-Tetrachloroethane	9.0	Not Detected	61	Not Detected
Bromodichloromethane	9.0	Not Detected	60	Not Detected
Dibromochloromethane	9.0	Not Detected	76	Not Detected
Chloromethane	36	Not Detected	74	Not Detected
Acetone	36	450	85	1100
Carbon Disulfide	36	Not Detected	110	Not Detected
trans-1,2-Dichloroethene	36	36	140	140
2-Butanone (Methyl Ethyl Ketone)	36	180	100	530
4-Methyl-2-pentanone	36	72	150	290
2-Hexanone	36	Not Detected	150	Not Detected
Bromoform	36	Not Detected	370	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

4/25/06
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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX2 EFFLUENT

Lab ID#: 0603139A-08A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031720	Date of Collection:	3/6/06
Dil. Factor:	17.9	Date of Analysis:	3/17/06 08:32 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	98	70-130

4/28/06
CB

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX2 EFFLUENT Duplicate

Lab ID#: 0603139A-08AA

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031721	Date of Collection:	3/6/06
Dil. Factor:	17.9	Date of Analysis:	3/17/06 09:03 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	9.0	54	23	140
Bromomethane	9.0	Not Detected	35	Not Detected
Chloroethane	9.0	17	24	45
1,1-Dichloroethene	9.0	110	35	440
Methylene Chloride	9.0	480	31	1700
1,1-Dichloroethane	9.0	74	36	300
cis-1,2-Dichloroethene	9.0	300	35	1200
Chloroform	9.0	44	44	210
1,1,1-Trichloroethane	9.0	560	49	3000
Carbon Tetrachloride	9.0	4.8 J 15	56	30 J
Benzene	9.0	470	28	1500
1,2-Dichloroethane	9.0	20	36	82
Trichloroethene	9.0	410	48	2200
1,2-Dichloropropane	9.0	7.1 J 15	41	33 J
cis-1,3-Dichloropropene	9.0	Not Detected	41	Not Detected
Toluene	9.0	1700	34	6600
trans-1,3-Dichloropropene	9.0	Not Detected	41	Not Detected
1,1,2-Trichloroethane	9.0	Not Detected	49	Not Detected
Tetrachloroethene	9.0	680	61	4600
Chlorobenzene	9.0	4.2 J 15	41	19 J
Ethyl Benzene	9.0	170	39	730
m,p-Xylene	9.0	630	39	2700
o-Xylene	9.0	280	39	1200
Styrene	9.0	Not Detected	38	Not Detected
1,1,2,2-Tetrachloroethane	9.0	Not Detected	61	Not Detected
Bromodichloromethane	9.0	Not Detected	60	Not Detected
Dibromochloromethane	9.0	Not Detected	76	Not Detected
Chloromethane	36	Not Detected	74	Not Detected
Acetone	36	400	85	940
Carbon Disulfide	36	Not Detected	110	Not Detected
trans-1,2-Dichloroethene	36	29 J 15	140	120 J
2-Butanone (Methyl Ethyl Ketone)	36	170	100	510
4-Methyl-2-pentanone	36	78	150	320
2-Hexanone	36	Not Detected	150	Not Detected
Bromoform	36	Not Detected	370	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX2 EFFLUENT Duplicate

Lab ID#: 0603139A-08AA

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	8031721	Date of Collection:	3/6/06
Dil. Factor:	17.9	Date of Analysis:	3/17/06 09:03 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	98	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0603139B-01A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031418	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 07:01 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected
1,2-Dichlorobenzene	1.0	0.36 J
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	Not Detected
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	0.50 J
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	0.72 J
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

15 15 15

CPS 4/28/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0603139B-01A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031418	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 07:01 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	1.2 J 15
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	80	50-150
Phenol-d5	87	50-150
Nitrobenzene-d5	81	50-150
2,4,6-Tribromophenol	76	50-150
Fluorene-d10	76	60-120
Pyrene-d10	74	60-120

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE Duplicate

Lab ID#: 0603139B-01AA

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031426	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 10:59 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	Not Detected
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	0.50 J
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	0.76 J
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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CTS 4/28/06

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE Duplicate

Lab ID#: 0603139B-01AA

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031426	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 10:59 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	1.2 J B
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	81	50-150
Phenol-d5	86	50-150
Nitrobenzene-d5	80	50-150
2,4,6-Tribromophenol	72	50-150
Fluorene-d10	75	60-120
Pyrene-d10	77	60-120

CRS 4/28/06

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0603139B-02A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031419	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 07:31 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	4.4
1,4-Dichlorobenzene	1.0	12
1,2-Dichlorobenzene	1.0	51
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	3.3
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	0.53 J
Naphthalene	1.0	27
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	7.5
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	22
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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CRS 4/28/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0603139B-02A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031419	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 07:31 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	1.8 J 15
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.
Q = Exceeds Quality Control limits.
Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	35 Q	50-150
Phenol-d5	94	50-150
Nitrobenzene-d5	87	50-150
2,4,6-Tribromophenol	75	50-150
Fluorene-d10	84	60-120
Pyrene-d10	89	60-120

CRS
4/28/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0603139B-03A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031420	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 08:01 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected
1,2-Dichlorobenzene	1.0	1.1
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	Not Detected
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	0.34 J
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	0.80 J
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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CKS 4/26/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0603139B-03A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031420	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 08:01 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.68 J
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	76	50-150
Phenol-d5	80	50-150
Nitrobenzene-d5	71	50-150
2,4,6-Tribromophenol	73	50-150
Fluorene-d10	69	60-120
Pyrene-d10	80	60-120

OCS 4/28/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX 1 INF DUP

Lab ID#: 0603139B-04A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031421	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 08:30 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	3.0
1,4-Dichlorobenzene	1.0	8.6
1,2-Dichlorobenzene	1.0	39
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	2.2
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	17
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	5.2
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	13
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	0.91 J
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

CCS 4/28/06

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX 1 INF DUP

Lab ID#: 0603139B-04A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031421	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 08:30 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.63 J 15
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.
Q = Exceeds Quality Control limits.
Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	40 Q	50-150
Phenol-d5	78	50-150
Nitrobenzene-d5	76	50-150
2,4,6-Tribromophenol	65	50-150
Fluorene-d10	70	60-120
Pyrene-d10	77	60-120

CES
4/28/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0603139B-05A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031422	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 09:00 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	Not Detected
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	Not Detected
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

CRS
4/28/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0603139B-05A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031422	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 09:00 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	Not Detected
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	74	50-150
Phenol-d5	74	50-150
Nitrobenzene-d5	72	50-150
2,4,6-Tribromophenol	61	50-150
Fluorene-d10	66	60-120
Pyrene-d10	69	60-120

CRS
4/28/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0603139B-06A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031423	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 09:30 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	0.54 J
1,4-Dichlorobenzene	1.0	1.8
1,2-Dichlorobenzene	1.0	14
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	3.7
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	6.8
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	0.67 J
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	1.3
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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CRS 4/28/06

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0603139B-06A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031423	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 09:30 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	1.7 J
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	56	50-150
Phenol-d5	84	50-150
Nitrobenzene-d5	83	50-150
2,4,6-Tribromophenol	75	50-150
Fluorene-d10	78	60-120
Pyrene-d10	84	60-120

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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 7 TOX 2 INF DUP

Lab ID#: 0603139B-07A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031424	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 10:00 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	0.54 J
1,4-Dichlorobenzene	1.0	2.0
1,2-Dichlorobenzene	1.0	16
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	3.9
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	7.7
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	0.85 J
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	1.3
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 7 TOX 2 INF DUP

Lab ID#: 0603139B-07A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031424	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 10:00 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.41 J
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	53	50-150
Phenol-d5	82	50-150
Nitrobenzene-d5	82	50-150
2,4,6-Tribromophenol	66	50-150
Fluorene-d10	72	60-120
Pyrene-d10	75	60-120

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@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX 2 Effluent

Lab ID#: 0603139B-08A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031425	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 10:29 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	Not Detected
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected
1,2-Dichlorobenzene	1.0	1.3
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol/3-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	Not Detected
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	1.4
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	0.72 J
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX 2 Effluent

Lab ID#: 0603139B-08A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	p031425	Date of Collection:	3/6/06
Dil. Factor:	1.00	Date of Analysis:	3/14/06 10:29 PM
		Date of Extraction:	3/7/06

Compound	Rpt. Limit (ug)	Amount (ug)
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	2.0 J
Di-n-Octylphthalate	5.0	Not Detected
Benzo(b)fluoranthene	1.0	Not Detected
Benzo(k)fluoranthene	1.0	Not Detected
Benzo(a)pyrene	1.0	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected
Dibenz(a,h)anthracene	1.0	Not Detected
Benzo(g,h,i)perylene	1.0	Not Detected

J = Estimated value.

Container Type: XAD Tube

Surrogates	%Recovery	Method Limits
2-Fluorophenol	80	50-150
Phenol-d5	82	50-150
Nitrobenzene-d5	79	50-150
2,4,6-Tribromophenol	72	50-150
Fluorene-d10	74	60-120
Pyrene-d10	76	60-120

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