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QUARTERLY MONITORING REPORT
ACTIVE TREATMENT SYSTEMS
THIRD QUARTER 2006

AMERICAN CHEMICAL SERVICE NPL SITE
GRIFFITH, INDIANA

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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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Prepared by: _____ 5/7/07
Jonathan Pohl, P.E. — Date
Project Engineer

Approved by: _____ 5/7/07
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
GAC	Granular Activated Carbon
Global	Global Technologies
GWTP	Groundwater Treatment Plant
"Hg	Inches of mercury
"H_2O	Inches of water
IDEM	Indiana Department of Environmental Management
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, an 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, 3 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, 6 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 the United States Environmental Protection Agency (U.S. EPA) and Indiana Department of Environmental Management (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, thermal oxidizer off-gas analytical data, ISVE process monitoring data, and water level gauging data collected from July 2006 through September 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 July 2006 and analyzed for all of the analytes listed above. During August and September 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 third quarter of 2006. Samples were collected on the following dates and analyzed for the listed analytes for each reporting period:

July 11, 2006	Full analysis (pH, TSS, BOD, Metals, VOCs, SVOCs, pentachlorophenol, and PCBs)
August 7, 2006	pH and VOCs
September 12, 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)	
General Water Quality	SW-846 6010
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 July, August, or September 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 (U.S. EPA, February 1994 and October 1999). 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 third 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. VOC removal rates as well as the total VOCs removed are illustrated in Figure 3.1 and Figure 3.2, respectively. Compliance samples were collected from both thermal oxidizer/scrubber units on July 6th, August 10th, and September 19th.

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 and one effluent sample were collected. A duplicate influent sample 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 sorbent tubes 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 and 15 pounds per day for July, August, and September. The analytical results for the August 10, 2006 sampling event indicate considerable increases in the concentrations of VOCs both in the influent and effluent of Therm Ox 1. The effluent discharge rate was calculated to be 0.7174 pounds per hour. While this is less than the limit of three pounds per hour, it exceeds the 15 pounds per day limit. MWH can not be certain what may have caused the spike in concentrations, they seem to be associated with the sampling activities. Results from the subsequent sampling event conducted on September 19, 2006 indicates that both influent and effluent concentrations have decreased to within the range normally observed.

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 analytical data sheets for the compliance samples are provided in Appendix B.

In addition to the off-gas data collected during the third 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 third quarter of 2006 is presented in Tables 3.19 and 3.20. Data that was collected from the SBPA ISVE system during the third quarter of 2006 is presented in Tables 3.21 and 3.22.

3.4 PRODUCT REMOVAL ACTIVITIES

Product removal activities were performed at two ISVE well locations in the SBPA during the third quarter 2006 (SVE-53 and SVE-72). A total of 44 gallons of liquid were removed from these wells. The product removal schedule for the third quarter is summarized in Table 3.23.

4.0 GWTP PROCESS MODIFICATIONS AND REPAIRS

4.1 GWTP PROCESS MODIFICATIONS

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

4.2 GWTP REPAIRS AND MAINTENANCE

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

- On July 10, 2006, the dual phase extraction (DPE) pumps were removed for their annual inspection. During the inspection, it was discovered that several pumps were not working. Four pumps were replaced and the remaining pumps were serviced. All the pumps, except for those in DPE-61 and DPE-79, were installed the week of August 7th. The remaining two pumps were not re-installed because the product in these two wells prevented the pumps from being placed at the appropriate depth. During the week of August 28th, H20, a local jetting and vacuum company, was contracted to clean out these wells along with a number of other ISVE wells. The product issue still remains in DPE-61 and DPE-79 preventing the re-installation of the pumps in these wells. MWH is currently evaluating the feasibility of pumping the product out of these wells.

- MWH cleaned out the polymer tank during the week of July 31, 2006. The liquid from the polymer tank was transferred and the solids were removed and placed in the hazardous waste roll-off box. The contents of the polymer tank were extremely slick and presented slip and trip hazards. However, the work was performed safely and without incident.

- The GWTP was shut down the week of August 7, 2006 in order to change-out the carbon. This was the first change-out process with the new carbon tanks. Problems were encountered when trying to lift the carbon tanks with a forklift. The openings at the base are too narrow to accommodate the forks. Modifications will be made to simplify the change-out process. After the change-out process, water was re-circulated throughout the plant until the pH of the new carbon was lowered to an appropriate level to treat the water.

5.0 ISVE PROCESS MODIFICATIONS AND REPAIRS

5.1 ISVE PROCESS MODIFICATIONS

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

- Three sets of five air injection wells ran at the ACS site throughout the third quarter 2006. On July 19, 2006, MWH planned to switch the air injection wells from Group 2 (SVE-49, SVE-51, SVE-65, SVE-71, and SVE-82) to Group 3 (SVE-44, SVE-59, SVE-77, SVE-80, and SVE-84). However, the vacuum valves on three of the air injection wells would not close properly. MWH decided to utilize Well Group 1. A similar problem was discovered regarding two air injection wells within Group 1, so the system operated with only three air injection wells (SVE-54, SVE-73, and SVE-81) through August 18, 2006. At that time, MWH switched from Group 1 to Group 2. All malfunctioning vacuum valves had been replaced prior to the monitoring event held on August 18, 2006. On September 27, 2006, MWH was at the Site to switch the air injection wells from Group 2 to Group 3. MWH will continue to rotate among the three groups of air injection wells on a monthly basis.

- A new blower motor was installed for the SBPA ISVE system in September 2006.

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

5.2 ISVE REPAIRS AND MAINTENANCE

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

- During the month of July, Thermal Oxidizer 1 (ThermOx 1) had a valve and thermocouple malfunction. The necessary repairs have been made.

- A small leak was noticed at a flange fitting of ThermOx 1. On August 1, 2006, ThermOx 1 was shut down to replace the gasket and the bolts of the stack. Upon beginning the work, it was noted that the flange on the stack itself had suffered corrosion damage and required repair. The entire stack was removed and sent to Vidimous for repairs. MWH also installed a three-foot square section of galvanized steel over the corroded portion of the roof. At this time, a small hole was also noticed in the scrubber of ThermOx 1. This hole was also patched by Vidimous.

- During the month of August, lower than expected concentrations or flow from the SBPA ISVE system forced the shut down of ThermOx 1 and the ISVE system. MWH believes that the lower concentrations or flow may have been caused by limited screen availability in some of the extraction wells. Upon completion of the well cleaning, the flow was improved and the system was restarted.

- Thermal Oxidizer 2 (ThermOx 2) was periodically shut down during the months of August and September due to continued problems with the pH control system. MWH continued to evaluate this problem throughout the quarter. The problem appears to have been corrected in October.

6.0 PGCS AND BWES GAUGING ACTIVITIES

When the GWTP was operational, the PGCS groundwater extraction trenches were operated in "auto" mode during the third 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, the SBPA DPE wells, and MW-56 during the third quarter of 2006. The pump in MW-10C malfunctioned. Therefore, pumping did not occur at this location during the third quarter 2006. The pump for MW-10C will be brought back online upon completion of the Lower Aquifer Pumping System.

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 July, August, and September 2006. Groundwater elevation measurements were collected throughout the Site on September 15, 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 September 15, 2006. The groundwater elevations are plotted on Figure 6.2. The groundwater elevation measurements outside the barrier wall range from 1.99 to 9.78 feet higher than levels inside 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 collect water level measurements quarterly 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. These locations are shown on Figure 6.3. The water level trend data from these piezometers and AS wells for the third quarter 2006 are depicted graphically on Figures 6.4 and 6.5, which also reference the target water elevations for each area. In the SBPA, the

target water level is 629 feet amsl. Similar to the second quarter 2006, the water levels in all five piezometer locations have been drawn down to below the bottom of the screens in these wells throughout the third quarter 2006. Therefore, our depth to water measurements show straight-line measurements of the bottom of the wells.

In the Off-Site ISVE area, the target water level is 626 feet amsl. Actual water levels varied from approximately 620.5 feet amsl to 629 feet amsl. This represents a slight increase in the average water levels from the second quarter 2006. 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 94 percent of the third quarter of 2006 (based on 2,063 hours of operation out of a total of 2,184 hours). The system drew influent from the On-Site Area BWES, the Off-Site Area BWES, the PGCS, and MW-56.

The Off-Site Area ISVE system continued to operate as designed for approximately 66 percent of the third quarter of 2006 (based on 1,433 hours of operation out of a total of 2,184 hours). The SBPA ISVE system continued to operate as designed for approximately 53 percent of the third quarter of 2006 (based on 1,151 hours of operation out of a total of 2,184 hours).

Much of the downtime for the ISVE systems was associated with maintenance of the thermal oxidizers. The systems were also shut down for ISVE blower maintenance and well cleaning events.

MWH is currently reviewing the equipment used to monitor the rate of VOC extraction by the ISVE systems. Alternate flow meters are being investigated that will allow MWH to more accurately and consistently measure the flow and mass of VOCs in the extracted vapor streams.

MWH has been regularly removing free product from six ISVE wells in the SBPA. MWH will perform gauging to determine the thickness of the free product in the vicinity of these wells. This information will be crucial to determining if current removal frequencies are adequate.

8.3 GROUNDWATER LEVEL MONITORING

As indicated in Section 6.0, the groundwater extraction system continues to successfully perform its intended function of isolating and protecting the groundwater outside the barrier wall from the source areas of the Site inside the barrier walls.

Groundwater levels in the SBPA continued to be below the bottom of the monitoring points. Groundwater levels in the Off-Site Area increased slightly since the second quarter. MWH is investigating the operational status of the extraction wells to determine the cause of the increase. MWH will continue to monitor water levels in the coming quarter to evaluate the performance of the extraction system.

8.4 HEALTH AND SAFETY

No health and safety incidents were reported during the third quarter of 2006. MWH continues to perform site activities in accordance with the site Health and Safety Plan and all applicable addendums.

Health and Safety statistics for the ACS Site as of September 30, 2006 are:

- 3,416 consecutive days with no lost time due to an accident or Health and Safety incident.
- 1,108 consecutive days without an incident requiring first aid.

7.0 SYSTEM OPERATION

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Much of the downtime for the ISVE systems was associated with maintenance of the thermal oxidizers. The systems were also shut down for ISVE blower maintenance and well cleaning events.

8.0 CONCLUSIONS AND RECOMMENDATIONS

This section provides a summary of the operational status of the active remedial systems at the ACS NPL site for the subject period. Anticipated activities for the upcoming quarter and recommendations for system modifications are also provided.

8.1 GWTP OPERATION

The GWTP continued to operate normally during the third quarter of 2006. No significant modifications were made to the system during the period. The GWTP continued to treat water from all available sources, except MW-10C. The pump at MW-10C has malfunctioned and will be replaced.

The list of sources sending groundwater to the GWTP will be expanded upon the completion of the Lower Aquifer Pumping System. MWH made several attempts to complete the installation of this system in the third quarter. However, these efforts were hampered by saturated ground conditions, despite attempts to de-water the area. Excessive rainfall from July through September kept water levels high in the wetlands. MWH will monitor conditions in the area to determine an appropriate time to complete the installation.

The annual GWTP maintenance event was scheduled for October 2006. During this event, the treatment systems were shut down to allow MWH personnel to safely clean system components and vessels, perform inspections, and replace spent components.

MWH is evaluating methods for using the free product regularly collected from the SBPA ISVE wells. Potential options include injection of the liquid into the combustion chamber of ThermOx 2 or using the material to fuel room heaters during the winter time.

8.2 ISVE OPERATON

The ISVE systems continued to operate normally during the third quarter of 2006. The operational times of both the systems were decreased primarily due to maintenance issues associated with the thermal oxidizers. MWH will continue to perform O&M services on these units to ensure adequate operational time for the ISVE systems.

As shown in Figure 3.1, the VOC removal rates (in pounds per day) increased significantly for the August sampling event. Rates decreased to levels comparable to previous months for the September sampling event. No significant changes were made to the operational configuration of the ISVE systems. MWH believes the change was associated with the flow meter used to measure the flow rates of the ISVE systems. These flow rates are used to convert the concentrations of the extracted vapor streams into mass removal rates. The flow meter may have been malfunctioning and providing a false reading at the time of the August sampling event.

MWH is currently reviewing the equipment used to monitor the rate of VOC extraction by the ISVE systems. Alternate flow meters are being investigated that will allow MWH to more accurately and consistently measure the flow and mass of VOCs in the extracted vapor streams.

MWH has been regularly removing free product from six ISVE wells in the SBPA. MWH will perform gauging to determine the thickness of the free product in the vicinity of these wells. This information will be crucial to determining if current removal frequencies are adequate.

8.3 GROUNDWATER LEVEL MONITORING

As indicated in Section 6.0, the groundwater extraction system continues to successfully perform its intended function of isolating and protecting the groundwater outside the barrier wall from the source areas of the Site inside the barrier walls.

Groundwater levels in the SBPA continued to be below the bottom of the monitoring points. Groundwater levels in the Off-Site Area increased slightly since the second quarter. MWH is investigating the operational status of the extraction wells to determine the cause of the increase. MWH will continue to monitor water levels in the coming quarter to evaluate the performance of the extraction system.

8.4 HEALTH AND SAFETY

No health and safety incidents were reported during the third quarter of 2006. MWH continues to perform site activities in accordance with the site Health and Safety Plan and all applicable addendums.

Health and Safety statistics for the ACS Site as of September 30, 2006 are:

- 3,416 consecutive days with no lost time due to an accident or Health and Safety incident.
- 1,108 consecutive days without an incident requiring first aid.

9.0 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.

8. *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review,* U.S. EPA, February 1994.

9. *Contract Laboratory Program National Functional Guidelines for Organic Data Review,* U.S. EPA, October 1999.

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Tables

MWH

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 - Third Quarter 2006
Groundwater Treatment System
American Chemical Service NPL Site
Griffith, Indiana

Event Date	Month 110 7/11/2006	Month 111 8/7/2006	Month 112 9/12/2006	Effluent Limits	Lab Reporting Limits
pH	7.08 /J	7.11 /J	7.14 /J	6-9	none
TSS	1.40	NS	NS	30	10
BOD	2.0 U/	NS	NS	30	2
Arsenic	4.1 B/	NS	NS	50	3.4
Beryllium	0.20 U/	NS	NS	NE	0.2
Cadmium	0.20 U/	NS	NS	4.1	0.3
Manganese	0.64 B/	NS	NS	NE	10
Mercury	0.10 U/	NS	NS	0.02 (w/DL = 0.64)	0.64
Selenium	1.8 U/	NS	NS	8.2	4.3
Thallium	3.3 U/	NS	NS	NE	5.7
Zinc	2.7 B/UB	NS	NS	411	1.2
Benzene	0.50 U/UJ	0.50 U/	0.50 U/	5	0.5
Acetone	2.5 U/UJ	2.5 U/UJ	3.1 B/UJ	6,800	3
2-Butanone	2.5 U/UJ	2.5 U/	2.5 U/UJ	210	3
Chloromethane	0.50 U/UJ	0.50 U/	0.50 U/	NE	0.5
1,4-Dichlorobenzene	0.50 U/UJ	0.50 U/	0.50 U/	NE	0.5
1,1-Dichloroethane	0.50 U/UJ	0.97	0.50 U/	NE	0.5
cis-1,2-Dichloroethene	0.29 J/J	0.92	0.50 U/	70	0.5
Ethylbenzene	0.50 U/UJ	0.50 U/	0.50 U/	34	0.5
Methylene chloride	0.42 J/J	0.20 J/	0.50 U/	5	0.6
Tetrachloroethene	0.50 U/UJ	0.50 U/UJ	0.50 U/	5	0.5
Trichloroethene	0.50 U/UJ	0.50 U/	0.50 U/	5	0.5
Vinyl chloride	0.84 /J	0.42 J/	0.50 U/	2	0.5
4-Methyl-2-pentanone	2.5 U/UJ	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
S.U. = Standard pH units
* = 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
UB = Compound or analyte is not detected at or above the indicated concentration due to blank contamination

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

		Sampled 7/6/06								
		Therm-Ox 1						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
1,1,1-Trichloroethane	ppbv	24,000		24,000		39		99.84%	99.84%	99.84%
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	3,200		3,200		5.6		99.83%	99.83%	99.83%
1,1-Dichloroethene	ppbv	250	J/J	270		3.5		NC	NC	NC
1,2-Dichloroethane	ppbv	520		460		0.88		99.81%	99.83%	99.82%
1,2-Dichloropropane	ppbv	560		540		0.52	J/J	NC	NC	NC
2-Butanone (Methyl Ethyl Ketone)	ppbv	1,600		1,800		18		98.88%	99.00%	98.94%
2-Hexanone	ppbv	ND	U	ND	U	1	J/J	NC	NC	NC
4-Methyl-2-pentanone	ppbv	1,900		1,500		7.8		99.48%	99.59%	99.53%
Acetone	ppbv	1,400		3,000		33		97.64%	98.90%	98.27%
Benzene	ppbv	7,800		7,400		27		99.64%	99.65%	99.64%
Bromodichloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Bromoform	ppbv	ND	U	ND	U	0.33	J/J	NC	NC	NC
Bromomethane	ppbv	ND	U	ND	U	0.3	J/J	NC	NC	NC
Carbon Disulfide	ppbv	ND	U	380	J/J	1.2	J/J	NC	NC	NC
Carbon Tetrachloride	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Chlorobenzene	ppbv	ND	U	ND	U	0.35	J/J	NC	NC	NC
Chloroethane	ppbv	260	J/J	200	J/J	2.3		NC	NC	NC
Chloroform	ppbv	9,300		8,900		5.3		99.94%	99.94%	99.94%
Chloromethane	ppbv	ND	U	ND	U	2.9		NC	NC	NC
cis-1,2-Dichloroethene	ppbv	18,000		17,000		14		99.92%	99.92%	99.92%
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	15,000		12,000		26		99.78%	99.83%	99.81%
m,p-Xylene	ppbv	68,000		51,000		120		99.76%	99.82%	99.79%
Methylene Chloride	ppbv	7,400		8,100		37		99.50%	99.54%	99.52%
o-Xylene	ppbv	29,000		22,000		48		99.78%	99.83%	99.81%
Styrene	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Tetrachloroethene	ppbv	49,000		43,000		57		99.87%	99.88%	99.88%
Toluene	ppbv	74,000		66,000		150		99.77%	99.80%	99.79%
trans-1,2-Dichloroethene	ppbv	ND	U	ND	U	0.85	J/J	NC	NC	NC
trans-1,3-Dichloropropene	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Trichloroethene	ppbv	21,000		21,000		32		99.85%	99.85%	99.85%
Vinyl Chloride	ppbv	920		1,000		3.5		99.62%	99.65%	99.63%
Total	**ppbv**	**333,110**		**292,750**		**637.33**		**99.78%**	**99.81%**	**99.80%**
Total	**lb/hr**	**7.906**		**6.939**		**0.014**		**99.80%**	**99.82%**	**99.81%**

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

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.
Total destruction efficiencies that include the estimated results of any individual compound will be considered an estimated value.

System	Date	Influent Temp (°F)	Effluent Temp (°F)	Flow (scfm)
SBPA	07/06/06	120	144	1551

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

		Sampled 8/10/06								
		Therm-Ox 1						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
1,1,1-Trichloroethane	ppbv	89,000		86,000		20		99.98%	99.98%	99.98%
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	7,600		7,600		1.6	J/J	NC	NC	NC
1,1-Dichloroethene	ppbv	1,200		730		3.7		99.49%	99.69%	99.59%
1,2-Dichloroethane	ppbv	1,600		1,700		2.8	J/J	NC	NC	NC
1,2-Dichloropropane	ppbv	650		570		ND	U	NC	NC	NC
2-Butanone (Methyl Ethyl Ketone)	ppbv	13,000		12,000		17		99.86%	99.87%	99.86%
2-Hexanone	ppbv	ND	U	ND	U	3.8	J/J	NC	NC	NC
4-Methyl-2-pentanone	ppbv	10,000		9,900		30		99.70%	99.70%	99.70%
Acetone	ppbv	16,000		15,000		49		99.67%	99.69%	99.68%
Benzene	ppbv	22,000		21,000		17		99.92%	99.92%	99.92%
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	4	J/J	NC	NC	NC
Carbon Tetrachloride	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Chlorobenzene	ppbv	ND	U	140	J/J	ND	U	NC	NC	NC
Chloroethane	ppbv	210	J/J	160	J/J	ND	U	NC	NC	NC
Chloroform	ppbv	7,900		7,600		5.6		99.93%	99.93%	99.93%
Chloromethane	ppbv	ND	U	ND	U	2.8	J/J	NC	NC	NC
cis-1,2-Dichloroethene	ppbv	12,000		12,000		5		99.96%	99.96%	99.96%
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	29,000		29,000		300		98.97%	98.97%	98.97%
m,p-Xylene	ppbv	120,000		110,000		1,500		98.64%	98.75%	98.69%
Methylene Chloride	ppbv	61,000		57,000		15		99.97%	99.98%	99.97%
o-Xylene	ppbv	50,000		49,000		740		98.49%	98.52%	98.50%
Styrene	ppbv	ND	U/R	ND	U/R	ND	U/R	NC	NC	NC
Tetrachloroethene	ppbv	99,000		97,000		380		99.61%	99.62%	99.61%
Toluene	ppbv	170,000		170,000	E	670		99.61%	99.61%	99.61%
trans-1,2-Dichloroethene	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
trans-1,3-Dichloropropene	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Trichloroethene	ppbv	50,000		49,000		69		99.86%	99.86%	99.86%
Vinyl Chloride	ppbv	1,200		1,200		ND	U	NC	NC	NC
Total	**ppbv**	**761,360**		**736,600**		**3,836.30**		**99.48%**	**99.50%**	**99.49%**
Total	**lb/hr**	**17.715**		**17.159**		**0.088**		**99.49%**	**99.51%**	**99.50%**

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

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.
Total destruction efficiencies that include the estimated results of any individual compound will be considered an estimated value.

System	Date	Influent Temp (°F)	Effluent Temp (°F)	Flow (scfm)
SBPA	08/10/06	90	140	1551

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

		Sampled 9/19/06						
		Therm-Ox 1						Destruction
Compounds	Units	Influent		Influent Dup		Effluent		Efficiency
1,1,1-Trichloroethane	ppbv	14,000		--		22		99.84%
1,1,2,2-Tetrachloroethane	ppbv	ND	U	--		ND	U	NC
1,1,2-Trichloroethane	ppbv	ND	U	--		ND	U	NC
1,1-Dichloroethane	ppbv	2,100		--		3.2		99.85%
1,1-Dichloroethene	ppbv	400		--		170		57.50%
1,2-Dichloroethane	ppbv	300		--		1.8	J/J	NC
1,2-Dichloropropane	ppbv	320		--		1.1	J/J	NC
2-Butanone (Methyl Ethyl Ketone)	ppbv	840	J/J	--		6.3	J/J	NC
2-Hexanone	ppbv	ND	U	--		0.98	J/J	NC
4-Methyl-2-pentanone	ppbv	1,200		--		8.2	J/J	NC
Acetone	ppbv	920		--		35		96.20%
Benzene	ppbv	5,500		--		240		95.64%
Bromodichloromethane	ppbv	ND	U	--		ND	U	NC
Bromoform	ppbv	ND	U	--		ND	U	NC
Bromomethane	ppbv	ND	U	--		1.4	J/J	NC
Carbon Disulfide	ppbv	ND	U	--		3.6	J/J	NC
Carbon Tetrachloride	ppbv	ND	U	--		ND	U	NC
Chlorobenzene	ppbv	72	J/J	--		10		NC
Chloroethane	ppbv	130	J/J	--		ND	U	NC
Chloroform	ppbv	6,200		--		19		99.69%
Chloromethane	ppbv	ND	U	--		39		NC
cis-1,2-Dichloroethene	ppbv	15,000		--		120		99.20%
cis-1,3-Dichloropropene	ppbv	ND	U/R	--		1	J/J	NC
Dibromochloromethane	ppbv	ND	U	--		ND	U	NC
Ethyl Benzene	ppbv	12,000		--		160		98.67%
m,p-Xylene	ppbv	51,000		--		740		98.55%
Methylene Chloride	ppbv	3,800		--		52		98.63%
o-Xylene	ppbv	21,000		--		330		98.43%
Styrene	ppbv	ND	U	--		60		NC
Tetrachloroethene	ppbv	38,000		--		700		98.16%
Toluene	ppbv	68,000		--		500		99.26%
trans-1,2-Dichloroethene	ppbv	240	J/J	--		64		NC
trans-1,3-Dichloropropene	ppbv	ND	U	--		0.81	J/J	NC
Trichloroethene	ppbv	17,000		--		220		98.71%
Vinyl Chloride	ppbv	3,900		--		94		97.59%
Total	**ppbv**	**261,922**		**0**		**3,603.39**		**98.62%**
Total	**lb/hr**	**3.393**		**--**		**0.047**		**98.62%**

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

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.
Total destruction efficiencies that include the estimated results of any individual compound will be considered an estimated value.

System	Date	Influent Temp (°F)	Effluent Temp (°F)	Flow (scfm)
SBPA	09/19/06	94	150	1700

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

		Sampled 7/6/06								
		Therm-Ox 2						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
1,1,1-Trichloroethane	ppbv	9,300		8,200		470		94.27%	94.95%	94.61%
1,1,2,2-Tetrachloroethane	ppbv	ND	U	ND	U	1.9	J/J	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
1,1-Dichloroethane	ppbv	1,400		1,200		68		94.33%	95.14%	94.74%
1,1-Dichloroethene	ppbv	91	J/J	67	J/J	120		NC	NC	NC
1,2-Dichloroethane	ppbv	280		260		16		93.85%	94.29%	94.07%
1,2-Dichloropropane	ppbv	120	J/J	96		5.7	J/J	NC	NC	NC
2-Butanone (Methyl Ethyl Ketone)	ppbv	3,300		3,000		170		94.33%	94.85%	94.59%
2-Hexanone	ppbv	ND	U	ND	U	4.6	J/J	NC	NC	NC
4-Methyl-2-pentanone	ppbv	1,900		1,900		49		97.42%	97.42%	97.42%
Acetone	ppbv	3,900		3,500		410		88.29%	89.49%	88.89%
Benzene	ppbv	6,200		5,900		490		91.69%	92.10%	91.90%
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	2.6	J/J	NC	NC	NC
Carbon Tetrachloride	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Chlorobenzene	ppbv	ND	U	28	J/J	3.5	J/J	NC	NC	NC
Chloroethane	ppbv	150		200		3.4	J/J	NC	NC	NC
Chloroform	ppbv	950		760		57		92.50%	94.00%	93.25%
Chloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
cis-1,2-Dichloroethene	ppbv	1,500		1,100		100		90.91%	93.33%	92.12%
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	5,200		4,400		240		94.55%	95.38%	94.97%
m,p-Xylene	ppbv	24,000		20,000		1,000		95.00%	95.83%	95.42%
Methylene Chloride	ppbv	8,900		7,600		460		93.95%	94.83%	94.39%
o-Xylene	ppbv	9,000		7,500		440		94.13%	95.11%	94.62%
Styrene	ppbv	ND	U	ND	U	49		NC	NC	NC
Tetrachloroethene	ppbv	9,900		8,500		750		91.18%	92.42%	91.80%
Toluene	ppbv	36,000		32,000		1,700		94.69%	95.28%	94.98%
trans-1,2-Dichloroethene	ppbv	ND	U	ND	U	14	J/J	NC	NC	NC
trans-1,3-Dichloropropene	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Trichloroethene	ppbv	6,600		6,000		400		93.33%	93.94%	93.64%
Vinyl Chloride	ppbv	130	J/J	210		29		NC	NC	NC
Total	**ppbv**	**128,821**		**112,421**		**7,053.7**		**93.73%**	**94.52%**	**94.13%**
Total	**lb/hr**	**2.874**		**2.501**		**0.1577**		**93.69%**	**94.51%**	**94.10%**

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
_/ - Laboratory data qualifier
/_ - Data validation qualifier

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.
Total destruction efficiencies that include the estimated results of any individual compound will be considered an estimated value.

System	Date	Influent Temp (°F)	Effluent Temp (°F)	Flow (scfm)
Off-Site	07/06/06	84	150	1581

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

		Sampled 8/10/06								
		Therm-Ox 2						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
1,1,1-Trichloroethane	ppbv	170,000		170,000		3,500		97.94%	97.94%	97.94%
1,1,2,2-Tetrachloroethane	ppbv	ND	U	ND	U	19	J/J	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
1,1-Dichloroethane	ppbv	16,000		15,000		330		97.80%	97.94%	97.87%
1,1-Dichloroethene	ppbv	1,800		2,000		660		63.33%	67.00%	65.17%
1,2-Dichloroethane	ppbv	4,000		4,200		96		97.60%	97.71%	97.66%
1,2-Dichloropropane	ppbv	1,100	J/J	1,100	J/J	27	J/J	NC	NC	NC
2-Butanone (Methyl Ethyl Ketone)	ppbv	33,000		30,000		570		98.10%	98.27%	98.19%
2-Hexanone	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
4-Methyl-2-pentanone	ppbv	24,000		22,000		240		98.91%	99.00%	98.95%
Acetone	ppbv	37,000		36,000		1,400		96.11%	96.22%	96.16%
Benzene	ppbv	47,000		46,000		1,600		96.52%	96.60%	96.56%
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	ND	U	NC	NC	NC
Carbon Tetrachloride	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Chlorobenzene	ppbv	ND	U	ND	U	11	J/J	NC	NC	NC
Chloroethane	ppbv	ND	U	320	J/J	ND	U	NC	NC	NC
Chloroform	ppbv	11,000		11,000		250		97.73%	97.73%	97.73%
Chloromethane	ppbv	ND	U	ND	U	44	J/J	NC	NC	NC
cis-1,2-Dichloroethene	ppbv	8,100		8,000		260		96.75%	96.79%	96.77%
cis-1,3-Dichloropropene	ppbv	ND	U	ND	U	ND	U/R	NC	NC	NC
Dibromochloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Ethyl Benzene	ppbv	58,000		56,000		770		98.63%	98.67%	98.65%
m,p-Xylene	ppbv	240,000		240,000		2,600		98.92%	98.92%	98.92%
Methylene Chloride	ppbv	120,000		110,000		2,800		97.45%	97.67%	97.56%
o-Xylene	ppbv	100,000		95,000		1,100		98.84%	98.90%	98.87%
Styrene	ppbv	ND	U/R	ND	U/R	250	_/J	NC	NC	NC
Tetrachloroethene	ppbv	180,000		180,000		4,600		97.44%	97.44%	97.44%
Toluene	ppbv	410,000	E	400,000		7,000		98.25%	98.29%	98.27%
trans-1,2-Dichloroethene	ppbv	ND	U	ND	U	31	J/J	NC	NC	NC
trans-1,3-Dichloropropene	ppbv	ND	U	ND	U	ND	U/R	NC	NC	NC
Trichloroethene	ppbv	98,000		93,000		2,300		97.53%	97.65%	97.59%
Vinyl Chloride	ppbv	480	J/J	600	J/J	84		NC	NC	NC
Total	ppbv	1,559,480		1,520,220		30,542.0		97.99%	98.04%	98.02%
Total	lb/hr	36.372		35.570		0.7174		97.98%	98.03%	98.01%

Notes:

NC - Not calculated

ND - Non-detect

ppbv - parts per billion volume

lb/hr - pounds per hour

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.

Total destruction efficiencies that include the estimated results of any individual compound will be considered an estimated value.

Qualifiers:

J - Result is estimated

U - Below reported quantitation limit

R - Quality control indicates the data is not usable

E - Exceeds instrument calibration range

_/ - Laboratory data qualifier

/_ - Data validation qualifier

System	Date	Influent Temp (°F)	Effluent Temp (°F)	Flow (scfm)
Off-Site	08/10/06	82	150	1581

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

		Sampled 9/19/06								
		Therm-Ox 2						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
1,1,1-Trichloroethane	ppbv	24,000		23,000		650		97.17%	97.29%	97.23%
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	3,100		3,000		76		97.47%	97.55%	97.51%
1,1-Dichloroethene	ppbv	190	J/J	170	J/J	140		NC	NC	NC
1,2-Dichloroethane	ppbv	800		600		22		96.33%	97.25%	96.79%
1,2-Dichloropropane	ppbv	200	J/J	250	J/J	5.4	J/J	NC	NC	NC
2-Butanone (Methyl Ethyl Ketone)	ppbv	26,000		26,000		580		97.77%	97.77%	97.77%
2-Hexanone	ppbv	200	J/J	ND	U	5.1	J/J	NC	NC	NC
4-Methyl-2-pentanone	ppbv	6,700		6,400		130		97.97%	98.06%	98.01%
Acetone	ppbv	34,000		33,000		880		97.33%	97.41%	97.37%
Benzene	ppbv	13,000		12,000		590		95.08%	95.46%	95.27%
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	ND	U	NC	NC	NC
Carbon Tetrachloride	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Chlorobenzene	ppbv	ND	U	ND	U	5.9	J/J	NC	NC	NC
Chloroethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Chloroform	ppbv	1,600		1,500		53		96.47%	96.69%	96.58%
Chloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
cis-1,2-Dichloroethene	ppbv	1,900		1,800		93		94.83%	95.11%	94.97%
cis-1,3-Dichloropropene	ppbv	ND	U/R	ND	U/R	ND	U/R	NC	NC	NC
Dibromochloromethane	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Ethyl Benzene	ppbv	6,900		6,500		290		95.54%	95.80%	95.67%
m,p-Xylene	ppbv	29,000		27,000		1,200		95.56%	95.86%	95.71%
Methylene Chloride	ppbv	26,000		24,000		720		97.00%	97.23%	97.12%
o-Xylene	ppbv	8,900		8,100		430		94.69%	95.17%	94.93%
Styrene	ppbv	ND	U	ND	U	60		NC	NC	NC
Tetrachloroethene	ppbv	16,000		14,000		830		94.07%	94.81%	94.44%
Toluene	ppbv	110,000		98,000		3,300		96.63%	97.00%	96.82%
trans-1,2-Dichloroethene	ppbv	ND	U	ND	U	9.2	J/J	NC	NC	NC
trans-1,3-Dichloropropene	ppbv	ND	U	ND	U	ND	U	NC	NC	NC
Trichloroethene	ppbv	16,000		15,000		510		96.60%	96.81%	96.71%
Vinyl Chloride	ppbv	ND	U	ND	U	31		NC	NC	NC
Total	ppbv	**324,490**		**300,320**		**10,610.6**		**96.47%**	**96.73%**	**96.60%**
Total	lb/hr	**7.670**		**7.073**		**0.2593**		**96.33%**	**96.62%**	**96.48%**

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 1,811 scfm, 78 (influent) and 150 (effluent) degrees Fahrenheit (9/19/06)
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.
Total destruction efficiencies that include the estimated results of any individual compound will be considered an estimated value.

System	Date	Influent Temp (°F)	Effluent Temp (°F)	Flow (scfm)
Off-Site	09/19/06	78	150	1811

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

		Sampled 7/6/2006			
Compounds	**Units**	**SBPA ISVE**		**Off-Site ISVE**	
1,1,1-Trichloroethane	ppbv	22,000		23,000	
1,1,2,2-Tetrachloroethane	ppbv	ND	U	ND	U
1,1,2-Trichloroethane	ppbv	ND	U	ND	U
1,1-Dichloroethane	ppbv	3,100		3,100	
1,1-Dichloroethene	ppbv	230	J/J	200	J/J
1,2-Dichloroethane	ppbv	380		740	
1,2-Dichloropropane	ppbv	490		230	J/J
2-Butanone (Methyl Ethyl Ketone)	ppbv	1,200		7,900	
2-Hexanone	ppbv	ND	U	ND	U
4-Methyl-2-pentanone	ppbv	1,500		4,700	
Acetone	ppbv	3,000		11,000	
Benzene	ppbv	6,900		15,000	
Bromodichloromethane	ppbv	ND	U	ND	U
Bromoform	ppbv	ND	U	ND	U
Bromomethane	ppbv	ND	U	ND	U
Carbon Disulfide	ppbv	340	J/J	280	J/J
Carbon Tetrachloride	ppbv	ND	U	ND	U
Chlorobenzene	ppbv	ND	U	ND	U
Chloroethane	ppbv	220	J/J	ND	U
Chloroform	ppbv	8,200		2,100	
Chloromethane	ppbv	ND	U	ND	U
cis-1,2-Dichloroethene	ppbv	16,000		1,800	
cis-1,3-Dichloropropene	ppbv	ND	U	ND	U
Dibromochloromethane	ppbv	ND	U	ND	U
Ethyl Benzene	ppbv	10,000		10,000	
m,p-Xylene	ppbv	43,000		44,000	
Methylene Chloride	ppbv	7,400		22,000	
o-Xylene	ppbv	18,000		16,000	
Styrene	ppbv	ND	U	ND	U
Tetrachloroethene	ppbv	39,000		20,000	
Toluene	ppbv	60,000		81,000	
trans-1,2-Dichloroethene	ppbv	270	J/J	ND	U
trans-1,3-Dichloropropene	ppbv	ND	U	ND	U
Trichloroethene	ppbv	18,000		15,000	
Vinyl Chloride	ppbv	970		150	J/J
Total	**ppbv**	**260,200**		**278,200**	
Total	**lb/hr**	**6.167**		**6.150**	

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

System	Date	Temp (°F)	Flow (scfm)
SBPA	07/06/06	118	1551
Off-Site	07/06/06	80	1581

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

		Sampled 8/10/2006			
Compounds	Units	SBPA ISVE		Off-Site ISVE	
1,1,1-Trichloroethane	ppbv	90,000		240,000	
1,1,2,2-Tetrachloroethane	ppbv	ND	U	ND	U
1,1,2-Trichloroethane	ppbv	ND	U	ND	U
1,1-Dichloroethane	ppbv	7,300		22,000	
1,1-Dichloroethene	ppbv	790		1,300	
1,2-Dichloroethane	ppbv	1,400		5,800	
1,2-Dichloropropane	ppbv	730		1,600	
2-Butanone (Methyl Ethyl Ketone)	ppbv	7,300		48,000	
2-Hexanone	ppbv	ND	U	ND	U
4-Methyl-2-pentanone	ppbv	6,500		34,000	
Acetone	ppbv	8,500		53,000	
Benzene	ppbv	18,000		62,000	
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	ND	U	450.0	J/J
Chloroform	ppbv	11,000		16,000	
Chloromethane	ppbv	ND	U	ND	U
cis-1,2-Dichloroethene	ppbv	23,000		10,000	
cis-1,3-Dichloropropene	ppbv	ND	U	ND	U
Dibromochloromethane	ppbv	ND	U	ND	U
Ethyl Benzene	ppbv	26,000		81,000	
m,p-Xylene	ppbv	100,000		330,000	
Methylene Chloride	ppbv	39,000		160,000	
o-Xylene	ppbv	45,000		140,000	
Styrene	ppbv	ND	U/R	ND	U/R
Tetrachloroethene	ppbv	100,000		240,000	
Toluene	ppbv	120,000		560,000	E
trans-1,2-Dichloroethene	ppbv	ND	U	ND	U
trans-1,3-Dichloropropene	ppbv	ND	U	ND	U
Trichloroethene	ppbv	54,000		130,000	
Vinyl Chloride	ppbv	2,400		780	
Total	**ppbv**	**660,920**		**2,135,930**	
Total	**lb/hr**	**15.892**		**49.747**	

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 data is unusable
E - Exceeds instrument calibration range
_/ - Laboratory data qualifier
/_ - Data validation qualifier

System	Date	Temp (°F)	Flow (scfm)
SBPA	08/10/06	80	1551
Off-Site	08/10/06	82	1581

CRS/JEF/CAD
J:\405\0577 ACS\0201 Engr\05770201a012.xls\Table 3.8

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

		Sampled 9/19/2006			
Compounds	**Units**	**SBPA ISVE**		**Off-Site ISVE**	
1,1,1-Trichloroethane	ppbv	11,000		30,000	
1,1,2,2-Tetrachloroethane	ppbv	ND	U	ND	U
1,1,2-Trichloroethane	ppbv	ND	U	ND	U
1,1-Dichloroethane	ppbv	1,600		3,600	
1,1-Dichloroethene	ppbv	300		340	
1,2-Dichloroethane	ppbv	250		980	
1,2-Dichloropropane	ppbv	270		250	J/J
2-Butanone (Methyl Ethyl Ketone)	ppbv	690	J/J	38,000	
2-Hexanone	ppbv	ND	U	400.0	J/J
4-Methyl-2-pentanone	ppbv	1,100		11,000	
Acetone	ppbv	970		35,000	
Benzene	ppbv	4,800		18,000	
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	90	J/J	92.0	J/J
Chloroethane	ppbv	140	J/J	ND	U
Chloroform	ppbv	5,100		2,100	
Chloromethane	ppbv	ND	U	ND	U
cis-1,2-Dichloroethene	ppbv	12,000		2,200	
cis-1,3-Dichloropropene	ppbv	ND	U/R	ND	U/R
Dibromochloromethane	ppbv	ND	U	ND	U
Ethyl Benzene	ppbv	10,000		19,000	
m,p-Xylene	ppbv	45,000		86,000	
Methylene Chloride	ppbv	3,200		32,000	
o-Xylene	ppbv	18,000		30,000	
Styrene	ppbv	ND	U	ND	U
Tetrachloroethene	ppbv	32,000		31,000	
Toluene	ppbv	59,000		150,000	E
trans-1,2-Dichloroethene	ppbv	130	J/J	ND	U
trans-1,3-Dichloropropene	ppbv	ND	U	ND	U
Trichloroethene	ppbv	14,000		21,000	
Vinyl Chloride	ppbv	3,500		150	J/J
Total	**ppbv**	**223,140**		**511,112**	
Total	**lb/hr**	**2.880**		**12.475**	

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
E - Exceeds instrument calibration range
_/ - Laboratory data qualifier
/_ - Data validation qualifier

System	Date	Temp (°F)	Flow (scfm)
SBPA	09/19/06	84	1700
Off-Site	09/19/06	78	1811

CRS/JEF/CAD
J:\405\0577 ACS\0201 Engr\05770201a012.xls\Table 3.9

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

		Sampled 7/6/06								
		Therm-Ox 1						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
1,2,4-Trichlorobenzene	µg	6.8		5.9		ND	U	100.00%	100.00%	100.00%
1,2-Dichlorobenzene	µg	59		56		ND	U	100.00%	100.00%	100.00%
1,3-Dichlorobenzene	µg	6.2		5.9		ND	U	100.00%	100.00%	100.00%
1,4-Dichlorobenzene	µg	14		13		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	29		26		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	7.4		3.8	J/J	2	J/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	1.6	J/J	2	J/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	18		16		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	8.8		6.2		ND	U	100.00%	100.00%	100.00%

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

		Sampled 7/6/06								
		Therm-Ox 1						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
Naphthalene	µg	46		42		ND	U	100.00%	100.00%	100.00%
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	**196.80**		**176.80**		**2.00**		**98.87%**	**98.98%**	**98.93%**

Notes:

µg - Microgram

NC - Not calculated

ND - Non-detect

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

Destruction efficiencies were also not calculated if either influent ore effluent samples were non-detect.

Total destruction efficiencies that include the estimated results of any individual compound will be considered an estimated value

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) - August 2006
American Chemical Service
Griffith, Indiana

		Sampled 8/10/06								
		Therm-Ox 1						Destruction Efficiency		
Compounds	Units	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	ND	U	ND	U	ND	U	NC	NC	NC
1,3-Dichlorobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
1,4-Dichlorobenzene	µg	ND	U	ND	U	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	ND	U	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	1.2		9.7		ND	U	100.00%	100.00%	100.00%
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	ND	U	ND	U	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	ND	U	ND	U	NC	NC	NC

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

		Sampled 8/10/06								
		Therm-Ox 1						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
Naphthalene	µg	ND	U	ND	U	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	**1.20**		**9.70**		**0.00**		**100.00%**	**100.00%**	**100.00%**

Notes:
µg - Microgram
NC - Not calculated
ND - Non-detect
Destruction efficiencies were not calculated if either influent or effluent samples were estimated.
Destruction efficiencies were also not calculated if either influent ore effluent samples were non-detect.

Qualifiers:
U - below reported quantitation limit
_/ - Laboratory data qualifier
/_ - Data validation qualifier

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

		Sampled 9/19/06								
		Therm-Ox 1						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
1,2,4-Trichlorobenzene	µg	9.2		8.7		ND	U	100.00%	100.00%	100.00%
1,2-Dichlorobenzene	µg	60		52		ND	U	100.00%	100.00%	100.00%
1,3-Dichlorobenzene	µg	6.1		5.3		ND	U	100.00%	100.00%	100.00%
1,4-Dichlorobenzene	µg	14		11		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		13		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	4.3		3.6		ND	U	100.00%	100.00%	100.00%
bis(2-Ethylhexyl)phthalate	µg	8.3		2.4	J/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	ND	U	ND	U	1.1		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	14		12		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	7.5		6.6		ND	U	100.00%	100.00%	100.00%

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

		Sampled 9/19/06								
		Therm-Ox 1						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
Naphthalene	µg	26		26		ND	U	100.00%	100.00%	100.00%
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	**163.40**		**140.60**		**1.10**		**NC**	**NC**	**NC**

Notes:

µg - Microgram

NC - Not calculated

ND - Non-detect

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

Destruction efficiencies were also not calculated if either influent ore effluent samples were non-detect.

Total destruction efficiencies that include the estimated results of any individual compound will be considered an estimated value

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) - July 2006
American Chemical Service
Griffith, Indiana

		Sampled 7/6/06								
		Therm-Ox 2						Destruction Efficiency		
Compounds	Units	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	ND	U	ND	U	ND	U	NC	NC	NC
1,3-Dichlorobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
1,4-Dichlorobenzene	µg	ND	U	ND	U	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	ND	U	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	19		7.8		25		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	ND	U	ND	U	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	ND	U	ND	U	NC	NC	NC

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

		Sampled 7/6/06								
		Therm-Ox 2						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
Naphthalene	µg	ND	U	ND	U	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	**19.00**		**7.80**		**25.00**		**NC**	**NC**	**NC**

Notes:

µg - Microgram

NC - Not calculated

ND - Non-detect

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

Destruction efficiencies were also not calculated if either influent ore effluent samples were non-detect.

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

Qualifiers:

U - Below reported quantitation limit

_/ - Laboratory data qualifier

/_ - Data validation qualifier

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

		Sampled 8/10/06								
		Therm-Ox 2						Destruction Efficiency		
Compounds	Units	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	ND	U	ND	U	ND	U	NC	NC	NC
1,3-Dichlorobenzene	µg	ND	U	ND	U	ND	U	NC	NC	NC
1,4-Dichlorobenzene	µg	ND	U	ND	U	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	ND	U	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	21		32		2.8		86.67%	91.25%	88.96%
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	ND	U	ND	U	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	ND	U	ND	U	NC	NC	NC

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

		Sampled 8/10/06								
		Therm-Ox 2						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
Naphthalene	µg	ND	U	ND	U	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	**21.00**		**32.00**		**2.80**		**86.67%**	**91.25%**	**88.96%**

Notes:

µg - Microgram

NC - Not calculated

ND - Non-detect

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

Destruction efficiencies were also not calculated if either influent ore effluent samples were non-detect.

Qualifiers:

U - Below reported quantitation limit

_/ - Laboratory data qualifier

/_ - Data validation qualifier

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

		Sampled 9/19/06								
		Therm-Ox 2						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
1,2,4-Trichlorobenzene	µg	2		2.4		ND	U	100.00%	100.00%	100.00%
1,2-Dichlorobenzene	µg	54		62		1.9		96.48%	96.94%	96.71%
1,3-Dichlorobenzene	µg	2.1		2.1		ND	U	100.00%	100.00%	100.00%
1,4-Dichlorobenzene	µg	6.4		6.9		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	6		7.3		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	4		4.5		ND	U	100.00%	100.00%	100.00%
bis(2-Ethylhexyl)phthalate	µg	5.9		7		1.4	J/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	1	J/J	0.98	J/J	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	4.1		4.9		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	20		22		ND	U	100.00%	100.00%	100.00%

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

		Sampled 9/19/06								
		Therm-Ox 2						Destruction Efficiency		
Compounds	Units	Influent		Influent Dup		Effluent		Low	High	Average
Naphthalene	µg	31		38		2.3		92.58%	93.95%	93.26%
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	**136.50**		**158.08**		**5.60**		**95.90%**	**96.46%**	**96.18%**

Notes:
µg - Microgram
NC - Not calculated
ND - Non-detect
Destruction efficiencies were not calculated if either influent or effluent samples were estimated.
Destruction efficiencies were also not calculated if either influent ore effluent samples were 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) - July 2006
American Chemical Service
Griffith, Indiana

Compounds	Units	Sampled 7/6/2006			
		SBPA ISVE		Off-Site ISVE	
1,2,4-Trichlorobenzene	µg	ND	U	2.2	U
1,2-Dichlorobenzene	µg	8.9		62	
1,3-Dichlorobenzene	µg	0.92	J/J	2	
1,4-Dichlorobenzene	µg	2.1		7.2	
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	3.7		14	
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	6.4		9.8	
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	1.8	J/J	2.3	J/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	2.1		5	
Hexachlorocyclopentadiene	µg	ND	U	2.8	J/J
Hexachloroethane	µg	ND	U	ND	U
Indeno(1,2,3-c,d)pyrene	µg	ND	U	ND	U
Isophorone	µg	1.2		40	

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

		Sampled 7/6/2006			
Compounds	Units	SBPA ISVE		Off-Site ISVE	
Naphthalene	µg	5.6		67	
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	**32.72**		**214.30**	

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

Compounds	Units	Sampled 8/10/2006			
		SBPA ISVE		Off-Site ISVE	
1,2,4-Trichlorobenzene	µg	ND	U	ND	U
1,2-Dichlorobenzene	µg	8.1		2.2	
1,3-Dichlorobenzene	µg	0.54	J/J	ND	U
1,4-Dichlorobenzene	µg	1.4		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	1.2		0.48	J/J
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	1.2		ND	U
bis(2-Ethylhexyl)phthalate	µg	17		24	
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	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	1.1		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	3.9		1.3	

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

Compounds	Units	Sampled 8/10/2006			
		SBPA ISVE		Off-Site ISVE	
Naphthalene	µg	5.2		2.1	
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	**39.64**		**30.08**	

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

Qualifiers:
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) - September 2006
American Chemical Service
Griffith, Indiana

		Sampled 9/19/2006			
Compounds	Units	SBPA ISVE		Off-Site ISVE	
1,2,4-Trichlorobenzene	µg	7.8		6.8	
1,2-Dichlorobenzene	µg	49		110	
1,3-Dichlorobenzene	µg	5.3		4	
1,4-Dichlorobenzene	µg	11		12	
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	3.5	J/J
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	12		28	
2-Methylphenol (o-Cresol)	µg	ND	U	ND	U
2-Nitroaniline	µg	ND	U	7	J/J
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	3.7		8.2	
bis(2-Ethylhexyl)phthalate	µg	4.6	J/J	9.4	
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	0.98	J/J
Dimethylphthalate	µg	ND	U	ND	U
di-n-Butylphthalate	µg	1.1	J/J	0.86	J/J
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	12		10	
Hexachlorocyclopentadiene	µg	ND	U	10	J/J
Hexachloroethane	µg	ND	U	ND	U
Indeno(1,2,3-c,d)pyrene	µg	ND	U	ND	U
Isophorone	µg	8.7		68	

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

Naphthalene	µg	23		120	
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	**138.20**		**386.74**	

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

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)	Comments
SVE-01	7/19/2006	Water	92	Water	
	8/18/2006	Water	49	140	
	9/27/2006	Water	64	119	
SVE-02	7/19/2006	15	82	159	
	8/18/2006	12	49.5	234	
	9/27/2006	14	64	83	
SVE-03	7/19/2006	Water	80	Water	
	8/18/2006	11	49	114	
	9/27/2006	Water	64	68	
SVE-04	7/19/2006	Water	102	119	
	8/18/2006	10	50	94	
	9/27/2006	12	64.5	88	
SVE-05	7/19/2006	Water	88	138	
	8/18/2006	11	51	116	
	9/27/2006	8	63.5	88	
SVE-06	7/19/2006	Water	71	Water	
	8/18/2006	8	49	91	
	9/27/2006	Water	63.5	58	
SVE-07	7/19/2006	Water	64	Water	
	8/18/2006	12	49	79	
	9/27/2006	Water	64	62	
SVE-08	7/19/2006	Water	80	Water	
	8/18/2006	Water	49	73	
	9/27/2006	Water	63	Water	
SVE-09	7/19/2006	59	21	NM	PID Malfunctioned
	8/18/2006	36	12	69	
	9/27/2006	180	63	53	
SVE-10	7/19/2006	5	24	NM	PID Malfunctioned
	8/18/2006	43	13	81	
	9/27/2006	99	63	136	
SVE-11	7/19/2006	-	80	NM	PID Malfunctioned
	8/18/2006	73	15.5	67	
	9/27/2006	120	63	60	
SVE-12	7/19/2006	Water	80	Water	
	8/18/2006	13	50	71	
	9/27/2006	12	64	87	
SVE-13	7/19/2006	26	80	338	
	8/18/2006	20	38.5	284	
	9/27/2006	11	62.5	189	
SVE-14	7/19/2006	42	70	1605	
	8/18/2006	28	32.5	1400	
	9/27/2006	Water	63.0	Water	
SVE-15	7/19/2006	60	40	641	
	8/18/2006	36	33	371	
	9/27/2006	Water	63	15	

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

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)	Comments
SVE-16	7/19/2006	41	54	1655	
	8/18/2006	35	23.5	510	
	9/27/2006	Water	63.0	Water	
SVE-17	7/19/2006	Water	86	Water	
	8/18/2006	Water	39.5	177	
	9/27/2006	36	63.0	224	
SVE-18	7/19/2006	20	83	440	
	8/18/2006	12	38.5	275	
	9/27/2006	4	62.5	111	
SVE-19	7/19/2006	Water	94	153	
	8/18/2006	Water	37.5	83	
	9/27/2006	Water	63.0	Water	
SVE-20	7/19/2006	28	76	104	
	8/18/2006	12	39.5	95	
	9/27/2006	Water	63.0	43	
SVE-21	7/19/2006	51	53	191	
	8/18/2006	39	29	91	
	9/27/2006	Water	63	Water	
SVE-22	7/19/2006	72	81	2132	
	8/18/2006	46	38	1128	
	9/27/2006	40	62.5	2918	
SVE-23	7/19/2006	Water	42	2150	
	8/18/2006	42	26	1470	
	9/27/2006	Water	62	3057	
SVE-24	7/19/2006	49	39	1725	
	8/18/2006	24	22.5	1392	
	9/27/2006	152	61.0	3684	
SVE-25	7/19/2006	62	52	1235	
	8/18/2006	Water	38.5	927	
	9/27/2006	161	62.0	1541	
SVE-26	7/19/2006	38	78	364	
	8/18/2006	24	37	182	
	9/27/2006	Water	62.5	158	
SVE-27	7/19/2006	Water	85	944	
	8/18/2006	20	38.5	457	
	9/27/2006	9	35.5	225	
SVE-28	7/19/2006	35	82	412	
	8/18/2006	28	35.5	391	
	9/27/2006	40	62.5	200	
SVE-29	7/19/2006	38	40	525	
	8/18/2006	27	25	429	
	9/27/2006	60	63	541	
SVE-30	7/19/2006	16	88	541	
	8/18/2006	16	38.5	725	
	9/27/2006	10	63.5	1654	

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

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)	Comments
SVE-31	7/19/2006	Water	66	50	
	8/18/2006	13	37.5	4	
	9/27/2006	35	63.0	54	
SVE-32	7/19/2006	55	62	217	
	8/18/2006	42	25.5	31	
	9/27/2006	52	63.0	160	
SVE-33	7/19/2006	50	83	77	
	8/18/2006	10	36.5	60	
	9/27/2006	12	61.5	168	
SVE-34	7/19/2006	65	54	1102	
	8/18/2006	49	26.5	237	
	9/27/2006	75	62.5	702	
SVE-35	7/19/2006	Water	80	80	
	8/18/2006	25	37.5	12	
	9/27/2006	20	63.0	39	
SVE-36	7/19/2006	22	84	387	
	8/18/2006	20	38.5	76	
	9/27/2006	Water	62.5	1118	
SVE-37	7/19/2006	20	100	52	
	8/18/2006	9	36.5	11	
	9/27/2006	60	62.5	Water	
SVE-38	7/19/2006	145	68	627	
	8/18/2006	72	35	323	
	9/27/2006	Water	62	Water	
SVE-39	7/19/2006	56	57	96	
	8/18/2006	42	16.5	29	
	9/27/2006	42	61.5	77	
SVE-40	7/19/2006	48	43	917	
	8/18/2006	55	30	321	
	9/27/2006	89	61	774	
SVE-41	7/19/2006	53	50	654	
	8/18/2006	35	19	265	
	9/27/2006	Water	62.5	573	
SVE-42	7/19/2006	31	78	133	
	8/18/2006	9	37	61	
	9/27/2006	115	63	116	

Notes:
"-" = data not collected
"Water" - water present in vapor stream, preventing data collection
NM = Not measured, reason given in comments column
Beginning in March 2006, flow is measured using a VelociCalc 8384 flow meter.
Differential pressure is no longer measured.
In August and September 2006, vacuum pressures were measured with an
Extech Manometer Model 407910.

Table 3.20
Off-Site In-Situ Soil Vapor Extraction (ISVE) System Header Monitoring Data - Third 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)
7/19/2006	11.8	1191	82	11.9	0	80	80	72	80	0	11.5	1176
8/18/2006	13.0	1398	49.5	13.0	1022	49	38	37.5	36.5	0	13.1	0
9/27/2006	12.1	0	70	12.1	700	70	70	69	70.5	0	11.9	0

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 (%)
7/19/2006	90	-	82	15.2	657	12.0	-	74	6.0	90	30.08	55%
8/18/2006	45	-	80	15.3	835	14.0	-	134	9.0	80	30.07	74%
9/27/2006	75.5	666	74	15.5	642	24.5	-	152	7.0	66	29.73	60%

Notes:
"-" = data not collected
cfm = 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

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

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)	Comments
SVE-43	7/19/2006	24	74	372	
	8/18/2006	60	12.5	18	
	9/27/2006	40	105.0	161	
SVE-44	7/19/2006	30	95	85	
	8/18/2006	5	12.5	48	
	9/27/2006	20	-	-	Air injection well
SVE-45	7/19/2006	15	76	177	
	8/18/2006	10	12.5	13	
	9/27/2006	9	104.0	84	
SVE-46	7/19/2006	Water	82	235	
	8/18/2006	16	12.5	20	
	9/27/2006	Water	104.5	173	
SVE-47	7/19/2006	21	80	539	
	8/18/2006	83	12.5	32	
	9/27/2006	18	104.5	360	
SVE-48	7/19/2006	18	>100	585	
	8/18/2006	63	12.5	150	
	9/27/2006	Water	105.0	290	
SVE-49	7/19/2006	Water	100	30	
	8/18/2006	20	-	-	Air injection well
	9/27/2006	-	-	-	
SVE-50	7/19/2006	-	-	-	
	8/18/2006	53	12.5	39	
	9/27/2006	Water	106.0	389	
SVE-51	7/19/2006	65	>100	66	
	8/18/2006	19	-	-	Air injection well
	9/27/2006	73	106	34	
SVE-52	7/19/2006	-	-	-	
	8/18/2006	-	-	-	
	9/27/2006	-	-	-	
SVE-53	7/19/2006	-	-	-	
	8/18/2006	-	-	-	
	9/27/2006	-	-	-	
SVE-54	7/19/2006	27	-	-	Air injection well
	8/18/2006	48	12.5	59	
	9/27/2006	-	-	-	
SVE-55	7/19/2006	18	72	1838	
	8/18/2006	64	12.5	191	
	9/27/2006	15	104.5	196	
SVE-56	7/19/2006	63	76	369	
	8/18/2006	11	13	235	
	9/27/2006	25	104	59	
SVE-57	7/19/2006	17	74	112	
	8/18/2006	81	12.5	39	
	9/27/2006	32	104.5	106	
SVE-58	7/19/2006	30	84	183	
	8/18/2006	8	14	60	
	9/27/2006	Water	109.5	203	

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

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)	Comments
SVE-59	7/19/2006	12	>100	520	
	8/18/2006	6	12.5	33	
	9/27/2006	14	-	-	Air injection well
SVE-60	7/19/2006	17	>100	111	
	8/18/2006	4	13.5	711	
	9/27/2006	Water	109.0	167	
SVE-61	7/19/2006	-	-	-	
	8/18/2006	-	-	-	
	9/27/2006	-	-	-	
SVE-62	7/19/2006	-	-	-	
	8/18/2006	-	-	-	
	9/27/2006	-	-	-	
SVE-63	7/19/2006	280	71	109	
	8/18/2006	-	-	-	
	9/27/2006	Water	104	85	
SVE-64	7/19/2006	25	73	885	
	8/18/2006	-	-	-	
	9/27/2006	26	106	454	
SVE-65	7/19/2006	23	74	162	
	8/18/2006	24	-	-	Air injection well
	9/27/2006	-	-	-	
SVE-66	7/19/2006	18	>100	185	
	8/18/2006	8	12.5	1245	
	9/27/2006	Water	105.5	15	
SVE-67	7/19/2006	47	>100	1273	
	8/18/2006	12	12.5	497	
	9/27/2006	Water	106	Water	
SVE-68	7/19/2006	25	75	457	
	8/18/2006	13	13	176	
	9/27/2006	33	106	49	
SVE-69	7/19/2006	Water	71	196	
	8/18/2006	88	12.5	51	
	9/27/2006	35	105.0	46	
SVE-70	7/19/2006	28	100	61	Vacuum >100
	8/18/2006	246	12.5	37	
	9/27/2006	17	109	148	
SVE-71	7/19/2006	36	>100	112	
	8/18/2006	19	-	-	Air injection well
	9/27/2006	52	108.5	77	
SVE-72	7/19/2006	-	-	-	
	8/18/2006	-	-	-	
	9/27/2006	-	-	-	
SVE-73	7/19/2006	27	-	-	Air injection well
	8/18/2006	-	-	-	
	9/27/2006	-	-	-	
SVE-74	7/19/2006	16	82	9350	
	8/18/2006	5	14.5	25	
	9/27/2006	22	109.5	3265	
SVE-75	7/19/2006	111	86	371	
	8/18/2006	33	12.5	193	
	9/27/2006	Water	101.5	151	

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

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)	Comments
SVE-76	7/19/2006	33	76	144	
	8/18/2006	10	13	170	
	9/27/2006	26	105.5	14	
SVE-77	7/19/2006	-	-	-	
	8/18/2006	-	-	-	
	9/27/2006	21	-	-	Air injection well
SVE-78	7/19/2006	-	-	-	
	8/18/2006	-	-	-	
	9/27/2006	Water	104.5	Water	
SVE-79	7/19/2006	-	-	-	
	8/18/2006	136	13.5	38	
	9/27/2006	13	109.5	69	
SVE-80	7/19/2006	44	93	76	
	8/18/2006	88	14	36	
	9/27/2006	12	-	-	Air injection well
SVE-81	7/19/2006	25	-	-	Air injection well
	8/18/2006	10	14	51	
	9/27/2006	15	109	461	
SVE-82	7/19/2006	69	82	97	
	8/18/2006	19	-	-	Air injection well
	9/27/2006	16	109.5	89	
SVE-83	7/19/2006	20	>100	118	
	8/18/2006	5	14	434	
	9/27/2006	Water	109	216	
SVE-84	7/19/2006	25	74	120	
	8/18/2006	-	-	-	
	9/27/2006	18	-	-	Air injection well
SVE-85	7/19/2006	29	85	2721	
	8/18/2006	4	14	22	
	9/27/2006	10	109	852	
SVE-86	7/19/2006	37	>100	216	
	8/18/2006	80	14	68	
	9/27/2006	15	110	481	
SVE-87	7/19/2006	30	46	165	
	8/18/2006	58	14	23	
	9/27/2006	Water	110	145	
SVE-88	7/19/2006	-	-	-	
	8/18/2006	-	-	-	
	9/27/2006	-	-	-	

Notes:
"-" = data not collected
"Water" - water present in vapor stream, preventing data collection
NM = Not measured, reason given in comments column
Beginning in March 2006, flow is measured using a VelociCalc 8384 flow meter.
Differential pressure is no longer measured.
In August and September 2006, vacuum pressures were measured with an
Extech Manometer Model 407910.

Table 3.22
SBPA In-Situ Soil Vapor Extraction (ISVE) System Header Monitoring Data - Third 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)
7/19/2006	11.2	0	100	11.7	503	85	0	11.2	879	100	-
8/18/2006	14.2	0	15	14.2	960	16	0	11.1	958	100	-
9/27/2006	10.7	1836	109	10.6	0	111	0	11.0	1667	100	-

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 (%)
7/19/2006	40	14.8	1133	2.0	-	166	7.0	86	30.05	62%
8/18/2006	40	14.8	1279	2.0	-	130	9.0	80	30.04	74%
9/27/2006	54	14.6	857	0.0	-	186	10.0	69	29.71	56%

Notes:

"-" = data not collected
cfm = 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 3.23
Schedule of Product Removal Activities - Third Quarter 2006
American Chemical Service
Griffith, Indiana

Date	Well	Amount of Product Removed
July 18, 2006	SVE-72	18 gallons
July 21, 2006	SVE-53	14 gallons
August 16, 2006	SVE-72	12 gallons

Total Product Removed	**44 gallons**

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

Upper Aquifer Wells

Well Designation	Reference Points			9/15/2006		Notes	Difference Across Barrier Wall (if applicable)[1]
	East	North	TOIC	Level	Elevation		
MW11	6377	7329	640.47	5.36	635.11		n/a
MW13	5050	7814	634.08	2.56	631.52		n/a
MW37	5395	7976	636.78	2.20	634.58		n/a
MW46	4526	7424	633.32	NM	NM	Flooded	n/a
MW48	5669	7814	636.36	3.49	632.87		n/a
MW49	5551	7650	637.00	3.75	633.25		n/a

Staff Gauges & Piezometers

Well Designation	Reference Points			9/15/2006		Notes	Difference Across Barrier Wall (if applicable)[1]
	East	North	TOSG	Level	Elevation		
P23	4689	7018	636.18	4.66	631.52		n/a
P25	5131	7510	633.33	1.35	631.98		n/a
P26	4764	7309	634.23	2.92	631.31		n/a
P27	4904	7020	639.70	8.63	631.07		n/a
P28	5883	7486	644.53	10.33	634.20		n/a
P32	5746	7026	642.32	10.43	631.89		n/a
P40	5931	7241	638.77	4.00	634.77		n/a
P41	5663	7377	637.23	2.48	634.75		n/a
P49	5145	6949	638.98	8.70	630.28		n/a
SG13	4819	7209	631.53	5.77	631.30	TOSG = 6.0' mark	n/a

PGCS Piezometer Sets

Well Designation	Reference Points			9/15/2006		Notes	Difference Across Barrier Wall (if applicable)[1]
	East	North	TOC	Level	Elevation		
P81	5577	7581	636.19	3.46	632.73		n/a
P82	5577	7572	635.77	3.08	632.69		n/a
P83	5577	7561.6	635.95	2.96	632.99		n/a
P84	5322	7603	634.35	2.37	631.98		n/a
P85	5326	7594	634.08	1.93	632.15		n/a
P86	5329	7585	634.41	2.56	631.85		n/a
P87	5121	7466	633.88	3.99	629.89		n/a
P88	5130	7460	633.90	2.35	631.55		n/a
P89	5137	7454	634.02	2.53	631.49		n/a
P90	4881	7152	634.45	3.41	631.04		n/a
P91	4889	7145	634.59	3.55	631.04		n/a
P92	4896	7138.1	633.87	2.88	630.99		n/a

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

BWES Water Level and Piezometer Pairs

Well Designation	Reference Points			9/15/2006		Notes	Difference Across Barrier Wall (if applicable)[1]
	East	North	TOC	Level	Elevation		
P93R - Outside BW	TBD	TBD	639.05	7.36	631.69	Installed Nov. 2004	-1.99
P94R - Inside BW	TBD	TBD	640.99	11.29	629.70	Installed Nov. 2004	
P95 - Outside BW	5146	6532	638.58	5.19	633.39		-9.17
P96 - Inside BW	5156	6537	641.26	17.04	624.22		
P105 - Outside BW	5885	6678	638.86	3.52	635.34		-5.38
P106 - Inside BW	5871	6685	638.10	8.14	629.96		
P107 - Outside BW	5766	7339	637.42	3.08	634.34		-2.38
P108 - Inside BW	5757	7324	638.13	6.17	631.96		
P109 - Outside BW	5740	6387	644.30	9.35	634.95		-7.31
P110 - Inside BW	5705	6382	647.68	20.04	627.64		
P111 - Outside BW	5551	5950	650.03	16.54	633.49		-7.86
P112 - Inside BW	5525	5960	653.36	27.73	625.63		
P113 - Inside BW	5309	5693	657.53	32.22	625.31		-7.70
ORCPZ102 - Outside BW	5331	5612	652.47	19.46	633.01		
P114 - Inside BW	5035	5729	653.69	28.32	625.37		-7.80
P115 - Outside BW	4970	5708	652.50	19.33	633.17		
P116 - Inside BW	5031	6087	646.26	21.67	624.59		-9.78
P117 - Outside BW	5014	6087	643.93	9.56	634.37		
P118 - Inside BW	5402	6539	645.52	18.58	626.94		n/a

Notes:

All depth measurements and elevations are in units of feet.

Elevation is in feet above mean sea level.

TOIC = top of inner casing

TOC = top of casing

TOSG = top of staff gauge

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

n/a = 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 - Third 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
7/14/2006	629.0	630.4	630.9	629.7	624.9	627.7
7/27/2006	629.0	630.4	630.9	629.7	624.9	627.7
8/25/2006	629.0	630.4	630.9	629.7	624.9	627.7
9/8/2006	629.0	630.4	630.9	629.7	624.9	627.7
9/22/2006	629.0	630.4	630.9	629.7	624.9	627.7

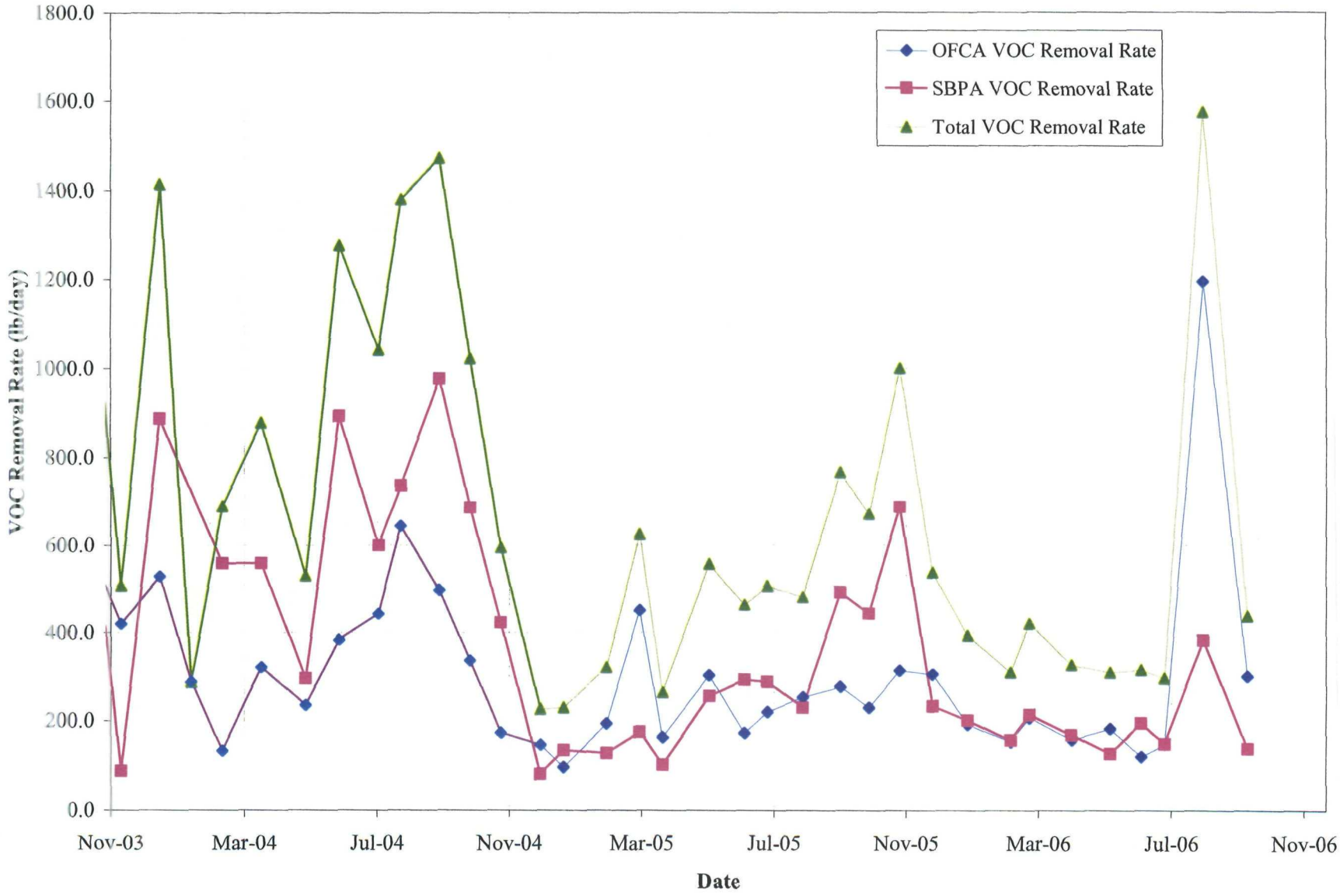
Date	Off-Site Area										
	Target Level	P-96	P-110	P-112	P-113	P-114	P-116	P-118	AS-7	AS-8	AS-9
7/14/2006	626.0	620.5	627.5	626.6	627.2	627.7	627.8	626.6	NM	NM	NM
7/19/2006	626.0	NM	NM	NM	NM	NM	NM	NM	628.22	626.29	626.46
7/27/2006	626.0	620.5	627.4	625.8	626.5	626.9	626.5	626.4	NM	NM	NM
8/24/2006	626.0	NM	NM	NM	NM	NM	NM	NM	627.98	627.57	627.28
8/25/2006	626.0	620.5	627.9	626.7	627.1	627.6	627.8	626.8	NM	NM	NM
9/8/2006	626.0	620.5	628.0	626.7	627.2	627.7	627.7	627.0	NM	NM	NM
9/22/2006	626.0	620.5	628.0	626.1	625.9	626.1	625.7	627.0	NM	NM	NM
9/27/2006	626.0	NM	NM	NM	NM	NM	NM	NM	629.09	620.18	626.36

Notes:
All water level elevations are in feet AMSL.

Figures

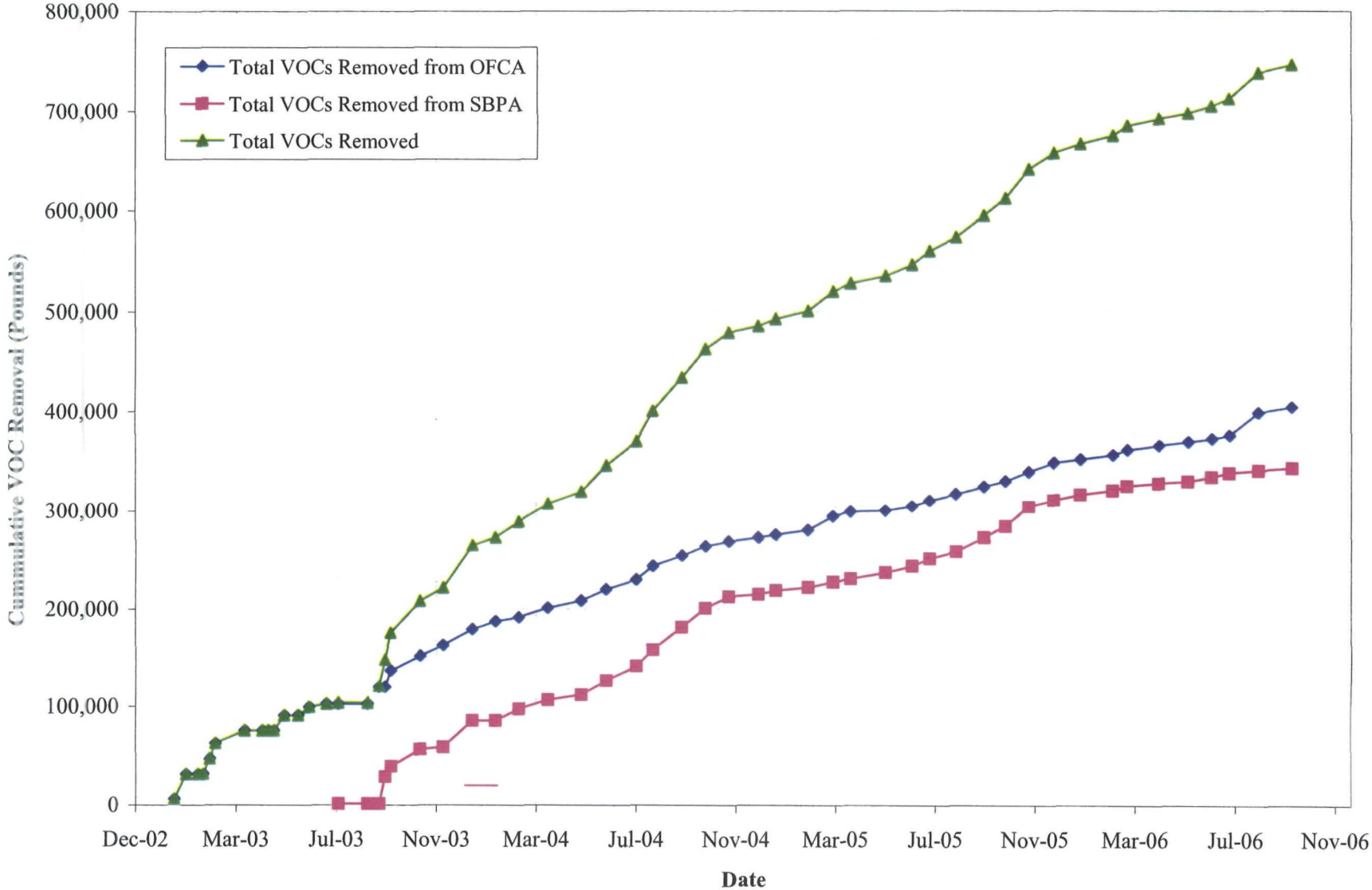
MWH

Figure 3.1
VOC Removal Rate
American Chemical Services NPL Site, Griffith, IN

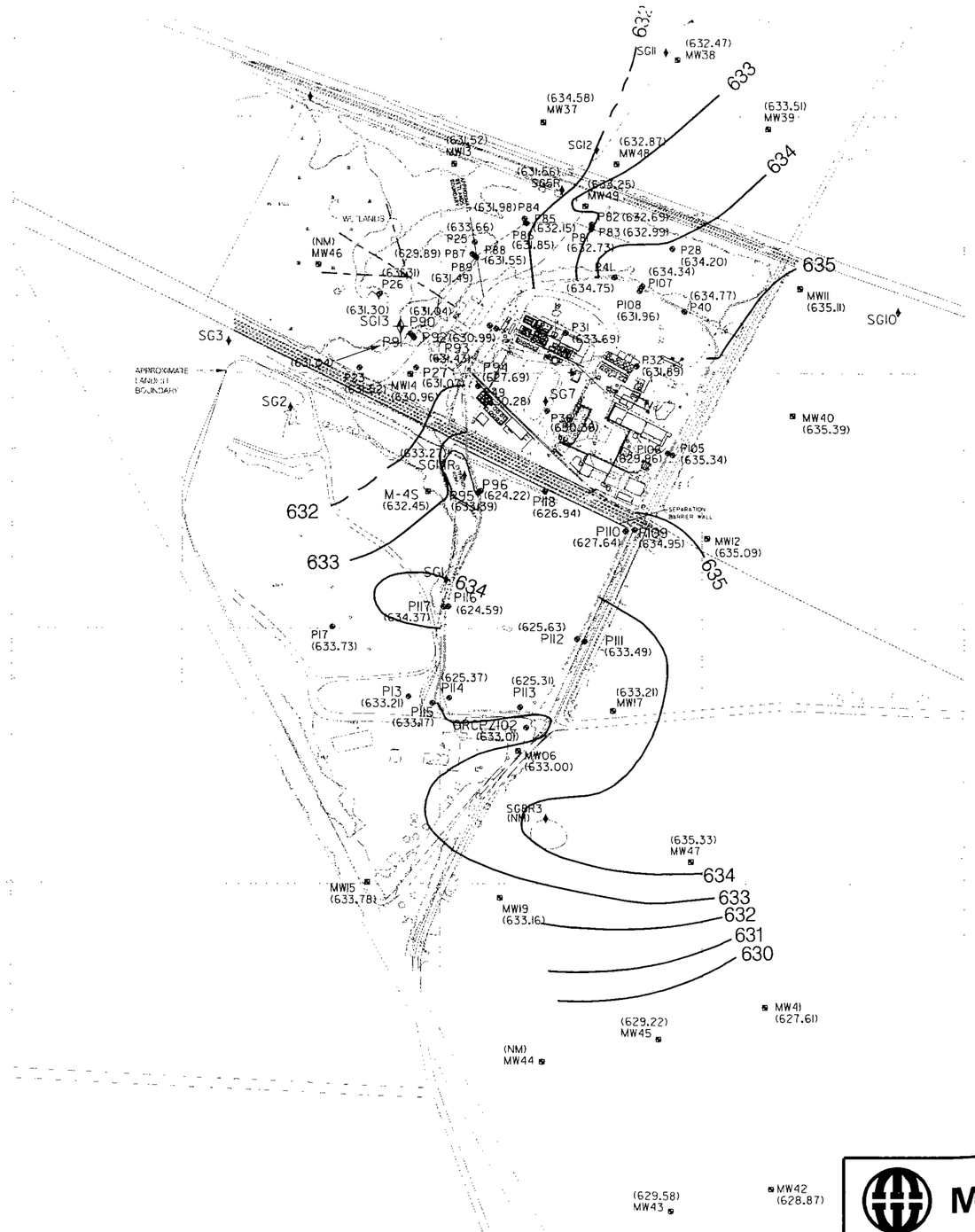


CDC/CAD
J:\jobs\405\0577 ACS\0201 Engr\Remedial System Metrics\ISVE\05770201a016.xls\VOC Removal Rate

Figure 3.2
Total VOCs Removed
American Chemical Services NPL Site, Griffith, IN



CDC/CAD
J:\jobs\405\0577 ACS\0201 Engr\Remedial System Metrics\ISVE\05770201a016.xls\Total VOCs Removed



LEGEND

	BARRIER WALL
	PERIMETER GROUND WATER CONTAINMENT SYSTEM
MW13	UPPER AQUIFER WELL LOCATION AND DESIGNATION
P25	PIEZOMETER LOCATION AND DESIGNATION
SG5	STAFF GAUGE LOCATION AND DESIGNATION
(635.11)	GROUNDWATER ELEVATION
631	GROUNDWATER ELEVATION CONTOUR (DASHED WHERE APPROXIMATE)
	INDICATES A DEPRESSION
(NM)	NOT MEASURED

NOTE:

1. P93 AND P94 WERE INSTALLED IN NOVEMBER 2004.
2. GROUNDWATER ELEVATIONS WERE MEASURED ON SEPTEMBER 15, 2006.
3. ALL ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL.

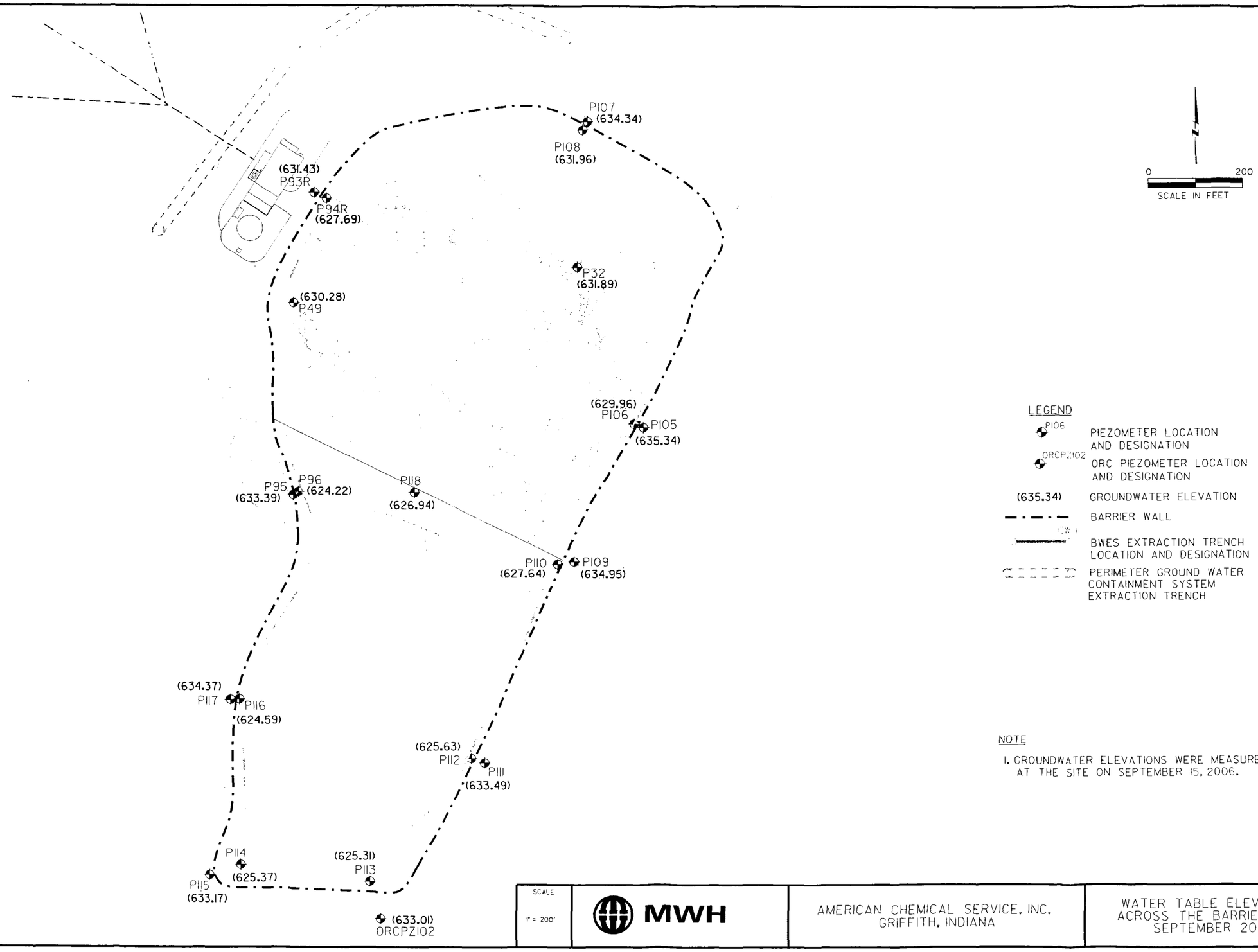
N

0 500 1000

SCALE IN FEET

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

JOB No. MW Job No. FILE: \\uschi4s02\warrenville\jobs\405\0577 ACS\Master Drawings folder\020\3rd Quarter 2006\Figure6.1.dgn Plot Date: 22-NOV-2006 11:22 DPP/JEF



NOTE

1. GROUNDWATER ELEVATIONS WERE MEASURED AT THE SITE ON SEPTEMBER 15, 2006.

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

JOB No. MW Job No. FILE: \\uschi4s02\warrenville\jobs\405\0577 ACS\Master Drawings folder\2006\3rd Quarter 2006\Figure6.2.dgn Plot Date:22-NOV-2006 10:45 QC JDP/CAS

REV	DATE	BY	DESCRIPTION

SCALE: AS SHOWN

DESIGNED RAA
DRAWN CAD
CHECKED

SUBMITTED BY
ROBERT A. ADAMS (PROJECT MANAGER) LICENSE NO. DATE
(COMPANY OFFICER) LICENSE NO. DATE

MWH
MONTGOMERY WATSON HARZA

AMERICAN CHEMICAL SERVICE SUPERFUND SITE
GRIFFITH, INDIANA

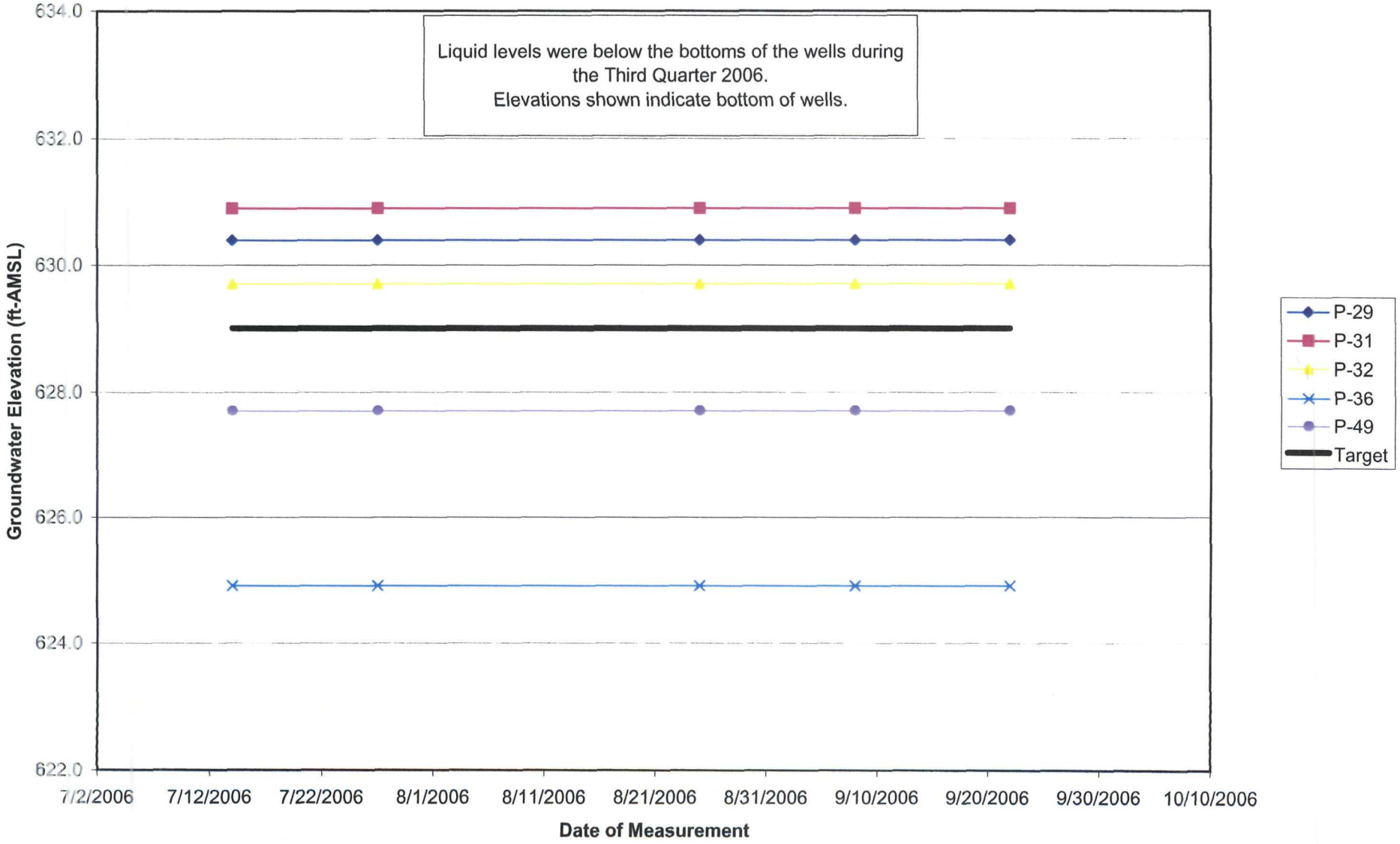
GROUNDWATER MONITORING LOCATIONS

FIGURE 6.3

Plot Date $$$$date$$$$$ $$time$$

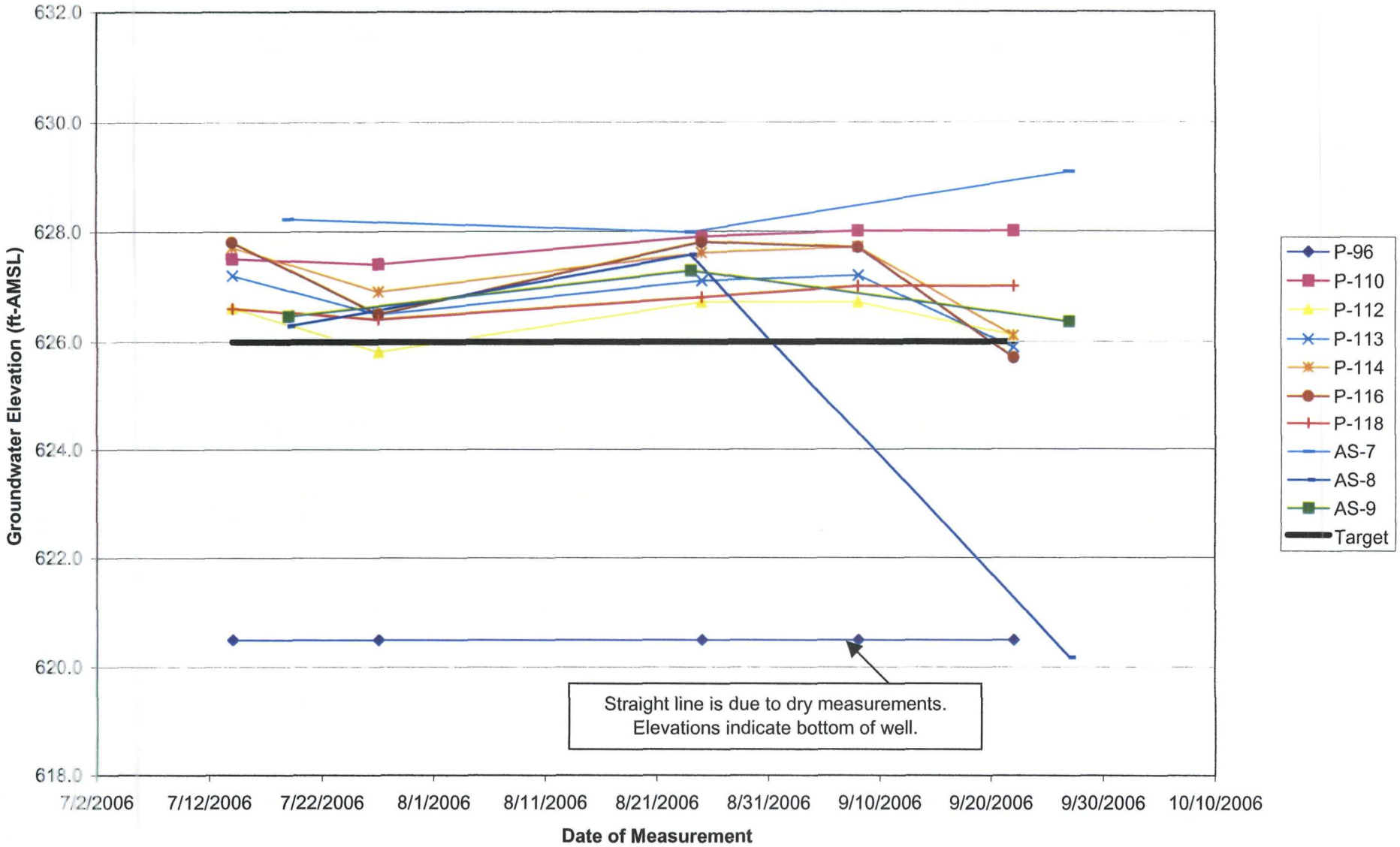
File: J:/405/0577 ACS/master cadd files/020l/3rd quarter 2006/figure63.dgn

Figure 6.4
Water Level Trends Inside the Barrier Wall (Still Bottoms Pond Area)
ACS NPL Site
Griffith, Indiana



JEF/CAD
J:\405\0577 ACS\0201 Engr\05770201a014.xls/SBPA GW Trends

Figure 6.5
Water Level Trends Inside the Barrier Wall (Off-Site Area)
ACS NPL Site
Griffith, Indiana



JEF/CAD
J:\405\0577 ACS\0201 Engr\05770201a014.xls/Off-Site GW Trends

APPENDIX A

EFFLUENT ANALYTICAL DATA

July 11, 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.: 35510 SAS No.: SDG No.: 10347

Matrix: (soil/water) WATER Lab Sample ID: 1034701

Sample wt/vol: 25 (g/ml) ML Lab File ID: 1034701A61

Level: (low/med) LOW Date Received: 07/12/06

% Moisture: not dec. _____ Date Analyzed: 07/13/06

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	UJ
75-01-4	Vinyl Chloride	0.84		J
74-83-9	Bromomethane	0.50	U	UJ
75-00-3	Chloroethane	1.5		J
75-35-4	1,1-Dichloroethene	0.50	U	UJ
75-15-0	Carbon disulfide	0.50	U	UJ
67-64-1	Acetone	2.5	U	UJ
75-09-2	Methylene Chloride	0.42	J	J
156-60-5	trans-1,2-Dichloroethene	0.50	U	UJ
75-34-3	1,1-Dichloroethane	0.50	U	UJ
156-59-2	cis-1,2-Dichloroethene	0.29	J	J
78-93-3	2-butanone	2.5	U	UJ
67-66-3	Chloroform	0.50	U	UJ
71-55-6	1,1,1-Trichloroethane	0.31	J	J
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	
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	
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

MH08/06

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EFFLUENT

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: 35510 SAS No.: SDG No.: 10347

Matrix: (soil/water) WATER Lab Sample ID: 1034701

Sample wt/vol: 25 (g/ml) ML Lab File ID: 1034701A61

Level: (low/med) LOW Date Received: 07/12/06

% Moisture: not dec. _____ Date Analyzed: 07/13/06

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 UJ
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)	0.31	J J
1330-20-7	Xylene (total)	0.50	U UJ

FORM I VOA

14408/506

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.: 10347

Matrix: (soil/water) WATER Lab Sample ID: 1034701

Sample wt/vol: 500 (g/mL) ML Lab File ID: 1034701J2A60

Level: (low/med) LOW Date Received: 07/12/06

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 07/13/06

Concentrated Extract Volume: 500(uL) Date Analyzed: 07/17/06

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	10	U
106-44-5	4-Methylphenol	20	U
78-59-1	Isophorone	10	U
117-81-7	bis(2-ethylhexyl)Phthalate	10	U

44081506

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.: 10347

Matrix: (soil/water) WATER Lab Sample ID: 1034701

Sample wt/vol: 500 (g/mL) ML Lab File ID: 1034701A66

Level: (low/med) LOW Date Received: 07/12/06

% Moisture: _____ decanted: (Y/N)___ Date Extracted:07/13/06

Concentrated Extract Volume: 500(uL) Date Analyzed: 07/15/06

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	1.0	U

FORM I SV 8270C

LM 8/15/06

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.: 10347

Matrix: (soil/water) WATER Lab Sample ID: 1034701

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

% Moisture: _____ decanted: (Y/N)___ Date Received: 07/12/06

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 07/14/06

Concentrated Extract Volume: 2500(uL) Date Analyzed: 07/14/06

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 UJ
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

MU 08/15/06

SW846 - METALS

-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

EFFLUENT

Lab Name: COMPUCHEM Contract:

Lab Code: LIBERTY Case No.: SAS No.: SDG No.: 10347

Matrix (soil/water): WATER Lab Sample ID: 1034701

Level (low/med): LOW Date Received: 7/12/2006

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.1	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.20	U		P
7439-97-6	Mercury	0.10	U		CV
7439-96-5	Manganese	0.64	B		P
7782-49-2	Selenium	1.8	U		P
7440-28-0	Thallium	3.3	U		P
7440-66-6	Zinc	2.7	B	UB	P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

HW-8/1/06

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Cary, NC 27519-4603
Phone: (919) 379-4100
Fax: (919) 379-4050

ANALYTICAL RESULTS

oject: 10347
oject ID: ACS 7010311
Solid results are reported on a dry weight basis.

b ID:	1034701	Date Collected:	7/11/2006 14:00	Matrix:	Water
Sample ID:	EFFLUENT	Date Received:	7/12/2006 11:48		

arameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	CAS No.	Qual	RegLmt
H OF WATER 150.1			Analytical Method: EPA 150.1								
H-150.1	7.08	PH UNITS	NA	1	J		7/14/2006	2477			
TL SSPND SOLIDS (TSS) 160.2 W			Analytical Method: EPA 160.2								
SS	1.40	mg/L	1.00	1			7/14/2006	2477			

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M408150b

www.encolabs.com

ANALYTICAL REPORT

Sample ID: Effluent
Lab #: C602323-01

Project: ACS
Work Order #: C602323
Matrix: Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
Biochemical Oxygen Demand	NA	2 U	2	2	mg/L	EPA 405.1	NA	6G13009

August 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.: 10632

Matrix: (soil/water) WATER Lab Sample ID: 1063201

Sample wt/vol: 25 (g/ml) ML Lab File ID: 1063201RA61

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

% Moisture: not dec. _____ Date Analyzed: 08/09/06

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	0.42	J
74-83-9	Bromomethane	0.50	U UJ
75-00-3	Chloroethane	0.44	J
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	0.20	J
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.97	
156-59-2	cis-1,2-Dichloroethene	0.92	
78-93-3	2-butanone	2.5	U
67-66-3	Chloroform	0.10	J
71-55-6	1,1,1-Trichloroethane	0.70	
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 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
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U UJ
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

MM-607-b

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.: 10632

Matrix: (soil/water) WATER Lab Sample ID: 1063201

Sample wt/vol: 25 (g/ml) ML Lab File ID: 1063201RA61

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

% Moisture: not dec. _____ Date Analyzed: 08/09/06

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	UWJ
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 WJ
540-59-0	1,2-Dichloroethene (total)	0.98	
1330-20-7	Xylene (total)	0.50	U

FORM I VOA

WW.907.6

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Remit to: P.O. Box 4603
Cary, NC 27519-4603
Phone: (919) 379-4100
Fax: (919) 379-4050

ANALYTICAL RESULTS

Project: 10632
Project ID: ACS 7010311
Solid results are reported on a dry weight basis.

Lab ID: 1063201 Date Collected: 8/7/2006 14:00 Matrix: Water
Sample ID: EFFLUENT Date Received: 8/8/2006 10:30

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	7.11	PH UNITS	J NA	1			8/21/2006	2477			

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Lu090706

September 12, 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.: 10942

Matrix: (soil/water) WATER Lab Sample ID: 1094201

Sample wt/vol: 25 (g/ml) ML Lab File ID: 1094201B73

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: not dec. _____ Date Analyzed: 09/15/06

GC Column: SPB-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	0.50	U uJ
75-35-4	1,1-Dichloroethene	0.50	U
75-15-0	Carbon disulfide	0.50	U
67-64-1	Acetone	3.1	B uJ
75-09-2	Methylene Chloride	0.50	U
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
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	0.50	U
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	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

10/9/06

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.: 10942

Matrix: (soil/water) WATER Lab Sample ID: 1094201

Sample wt/vol: 25 (g/ml) ML Lab File ID: 1094201B73

Level: (low/med) LOW Date Received: 09/13/06

% Moisture: not dec. _____ Date Analyzed: 09/15/06

GC Column: SPB-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
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

10/9/06

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: 10942
Project ID: ACS 7010311
Solid results are reported on a dry weight basis.

Lab ID: 1094201 Date Collected: 9/12/2006 14:00 Matrix: Water
Sample ID: EFFLUENT Date Received: 9/13/2006 09:43

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	7.14	PH UNITS	NA	1			9/18/2006	2477		J	

Date: 09/20/2006

10/9/06

REPORT OF LABORATORY ANALYSIS

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APPENDIX B

THERMAL OXIDIZER OFF-GAS ANALYTICAL DATA

July 6, 2006 Off-Gas Sample Laboratory Results

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0607098A-01A

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

File Name:	5071978	Date of Collection: 7/6/06
Dil. Factor:	544	Date of Analysis: 7/19/06 [illegible]

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	270	150 J	700	390 J
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	Not Detected	720	Not Detected
1,1-Dichloroethene	270	200 J	1100	790 J
Methylene Chloride	270	22000	940	76000
1,1-Dichloroethane	270	3100	1100	12000
cis-1,2-Dichloroethene	270	1800	1100	7100
Chloroform	270	2100	1300	10000
1,1,1-Trichloroethane	270	23000	1500	120000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	15000	870	47000
1,2-Dichloroethane	270	740	1100	3000
Trichloroethene	270	15000	1500	81000
1,2-Dichloropropane	270	230 J	1200	1100 J
cis-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
Toluene	270	81000	1000	300000
trans-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	270	Not Detected	1500	Not Detected
Tetrachloroethene	270	20000	1800	140000
Chlorobenzene	270	Not Detected	1200	Not Detected
Ethyl Benzene	270	10000	1200	44000
m,p-Xylene	270	44000	1200	190000
o-Xylene	270	16000	1200	70000
Styrene	270	Not Detected	1200	Not Detected
1,1,2,2-Tetrachloroethane	270	Not Detected	1900	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	11000	2600	26000
Carbon Disulfide	1100	280 J	3400	860 J
trans-1,2-Dichloroethene	1100	Not Detected	4300	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	7900	3200	23000
4-Methyl-2-pentanone	1100	4700	4400	19000
2-Hexanone	1100	Not Detected	4400	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

CRS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0607098A-01A

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

File Name:	5071518	Date of Collection:	7/6/06
Dil Factor:	5.4	Date of Analysis:	7/10/06 [illegible]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	96	70-130

DRS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ONSITE ISVE

Lab ID#: 0607098A-02A

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

File Name:	5071919	Date of Collection: 7/6/06
Dil. Factor:	536	Date of Analysis: 7/19/06 08:59 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	270	970	680	2500
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	220 J /5	710	580 J
1,1-Dichloroethene	270	230 J /5	1100	900 J
Methylene Chloride	270	7400	930	26000
1,1-Dichloroethane	270	3100	1100	12000
cis-1,2-Dichloroethene	270	16000	1100	66000
Chloroform	270	8200	1300	40000
1,1,1-Trichloroethane	270	22000	1500	120000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	6900	860	22000
1,2-Dichloroethane	270	380	1100	1600
Trichloroethene	270	18000	1400	96000
1,2-Dichloropropane	270	490	1200	2300
cis-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
Toluene	270	60000	1000	220000
trans-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	270	Not Detected	1500	Not Detected
Tetrachloroethene	270	39000	1800	260000
Chlorobenzene	270	Not Detected	1200	Not Detected
Ethyl Benzene	270	10000	1200	44000
m,p-Xylene	270	43000	1200	190000
o-Xylene	270	18000	1200	79000
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	3000	2500	7100
Carbon Disulfide	1100	340 J /5	3300	1000 J
trans-1,2-Dichloroethene	1100	270 J /5	4200	1100 J
2-Butanone (Methyl Ethyl Ketone)	1100	1200	3200	3600
4-Methyl-2-pentanone	1100	1500	4400	6000
2-Hexanone	1100	Not Detected	4400	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

CRS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ONSITE ISVE

Lab ID#: 0607098A-02A

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

File Name:	507 [illegible]	Date of Collection: [illegible]	
DIL Factor:	5.0	Date of Analysis: [illegible]	

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	94	70-130

OCS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0607098A-03A

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

File Name:	0071912	Date of Collection: 7/6/06
Dil Factor:	556	Date of Analysis: 7/19/06 01:04 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	280	920	710	2300
Bromomethane	280	Not Detected	1100	Not Detected
Chloroethane	280	260 J /J	730	690 J
1,1-Dichloroethene	280	250 J /J	1100	980 J
Methylene Chloride	280	7400	960	26000
1,1-Dichloroethane	280	3200	1100	13000
cis-1,2-Dichloroethene	280	18000	1100	72000
Chloroform	280	9300	1400	45000
1,1,1-Trichloroethane	280	24000	1500	130000
Carbon Tetrachloride	280	Not Detected	1700	Not Detected
Benzene	280	7800	890	25000
1,2-Dichloroethane	280	520	1100	2100
Trichloroethene	280	21000	1500	110000
1,2-Dichloropropane	280	560	1300	2600
cis-1,3-Dichloropropene	280	Not Detected	1300	Not Detected
Toluene	280	74000	1000	280000
trans-1,3-Dichloropropene	280	Not Detected	1300	Not Detected
1,1,2-Trichloroethane	280	Not Detected	1500	Not Detected
Tetrachloroethene	280	49000	1900	330000
Chlorobenzene	280	Not Detected	1300	Not Detected
Ethyl Benzene	280	15000	1200	67000
m,p-Xylene	280	68000	1200	290000
o-Xylene	280	29000	1200	130000
Styrene	280	Not Detected	1200	Not Detected
1,1,2,2-Tetrachloroethane	280	Not Detected	1900	Not Detected
Bromodichloromethane	280	Not Detected	1900	Not Detected
Dibromochloromethane	280	Not Detected	2400	Not Detected
Chloromethane	1100	Not Detected	2300	Not Detected
Acetone	1100	1400	2600	3300
Carbon Disulfide	1100	Not Detected	3500	Not Detected
trans-1,2-Dichloroethene	1100	Not Detected	4400	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	1600	3300	4700
4-Methyl-2-pentanone	1100	1900	4600	7700
2-Hexanone	1100	Not Detected	4600	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

CKS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0607098A-03A

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

File Name:	[illegible]	Date of Collection: [illegible]
Dil. Factor:	[illegible]	Date of Analysis: [illegible]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	94	70-130

ORS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX 1 INF DUP

Lab ID#: 0607098A-04A

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

File Name:	5071021	Date of Collection: 7/6/06
Dil. Factor:	544	Date of Analysis: 7/19/06 10:00 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	270	1000	700	2500
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	200 J 15	720	540 J
1,1-Dichloroethene	270	270	1100	1100
Methylene Chloride	270	8100	940	28000
1,1-Dichloroethane	270	3200	1100	13000
cis-1,2-Dichloroethene	270	17000	1100	67000
Chloroform	270	8900	1300	44000
1,1,1-Trichloroethane	270	24000	1500	130000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	7400	870	24000
1,2-Dichloroethane	270	460	1100	1900
Trichloroethene	270	21000	1500	110000
1,2-Dichloropropane	270	540	1200	2500
cis-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
Toluene	270	66000	1000	250000
trans-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	270	Not Detected	1500	Not Detected
Tetrachloroethene	270	43000	1800	290000
Chlorobenzene	270	Not Detected	1200	Not Detected
Ethyl Benzene	270	12000	1200	52000
m,p-Xylene	270	51000	1200	220000
o-Xylene	270	22000	1200	95000
Styrene	270	Not Detected	1200	Not Detected
1,1,2,2-Tetrachloroethane	270	Not Detected	1900	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	3000	2600	7200
Carbon Disulfide	1100	380 J 15	3400	1200 J
trans-1,2-Dichloroethene	1100	Not Detected	4300	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	1800	3200	5300
4-Methyl-2-pentanone	1100	1500	4400	6300
2-Hexanone	1100	Not Detected	4400	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

ORS
06/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX 1 INF DUP

Lab ID#: 0607098A-04A

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

File Name:	5071921	Date of Collection: 7/6/06
Dil Factor:	5.44	Date of Analysis: 7/12/06 12:04 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	92	70-130

CTS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0607098A-05A

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

File Name:	5072029	Date of Collection: 7/6/06
Dil. Factor:	1.36	Date of Analysis: 7/12/06 10:59 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	0.68	3.5	1.7	9.0
Bromomethane	0.68	0.30 J	2.6	1.2 J
Chloroethane	0.68	2.3	1.8	6.2
1,1-Dichloroethene	0.68	3.5	2.7	14
Methylene Chloride	0.68	37	2.4	130
1,1-Dichloroethane	0.68	5.6	2.8	23
cis-1,2-Dichloroethene	0.68	14	2.7	57
Chloroform	0.68	5.3	3.3	26
1,1,1-Trichloroethane	0.68	39	3.7	210
Carbon Tetrachloride	0.68	Not Detected	4.3	Not Detected
Benzene	0.68	27	2.2	88
1,2-Dichloroethane	0.68	0.88	2.8	3.6
Trichloroethene	0.68	32	3.6	170
1,2-Dichloropropane	0.68	0.52 J	3.1	2.4 J
cis-1,3-Dichloropropene	0.68	Not Detected	3.1	Not Detected
Toluene	0.68	150	2.6	570
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	57	4.6	390
Chlorobenzene	0.68	0.35 J	3.1	1.6 J
Ethyl Benzene	0.68	26	3.0	110
m,p-Xylene	0.68	120	3.0	530
o-Xylene	0.68	48	3.0	210
Styrene	0.68	Not Detected	2.9	Not Detected
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	2.9	5.6	6.0
Acetone	2.7	33	6.5	78
Carbon Disulfide	2.7	1.2 J	8.5	3.7 J
trans-1,2-Dichloroethene	2.7	0.85 J	11	3.4 J
2-Butanone (Methyl Ethyl Ketone)	2.7	18	8.0	52
4-Methyl-2-pentanone	2.7	7.8	11	32
2-Hexanone	2.7	1.0 J	11	4.1 J
Bromoform	2.7	0.33 J	28	3.4 J

J = Estimated value.

Container Type: 6 Liter Summa Canister

CCS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0607098A-05A

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

File Name:	5072020	Date of Collection:	7/6/06
Dil. Factor:	1.35	Date of Analysis:	7/20/06 [illegible] PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	96	70-130

CRS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0607098A-06A

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

File Name:	5071915		Date of Collection: 7/6/06	
Dil. Factor:	272		Date of Analysis: 7/19/06 06:40 PM	
Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Vinyl Chloride	140	130 J /5	350	340 J
Bromomethane	140	Not Detected	530	Not Detected
Chloroethane	140	150	360	390
1,1-Dichloroethene	140	91 J /5	540	360 J
Methylene Chloride	140	8900	470	31000
1,1-Dichloroethane	140	1400	550	5600
cis-1,2-Dichloroethene	140	1500	540	6000
Chloroform	140	950	660	4600
1,1,1-Trichloroethane	140	9300	740	51000
Carbon Tetrachloride	140	Not Detected	860	Not Detected
Benzene	140	6200	430	20000
1,2-Dichloroethane	140	280	550	1100
Trichloroethene	140	6600	730	35000
1,2-Dichloropropane	140	120 J /5	630	540 J
cis-1,3-Dichloropropene	140	Not Detected	620	Not Detected
Toluene	140	36000	510	140000
trans-1,3-Dichloropropene	140	Not Detected	620	Not Detected
1,1,2-Trichloroethane	140	Not Detected	740	Not Detected
Tetrachloroethene	140	9900	920	67000
Chlorobenzene	140	Not Detected	630	Not Detected
Ethyl Benzene	140	5200	590	22000
m,p-Xylene	140	24000	590	100000
o-Xylene	140	9000	590	39000
Styrene	140	Not Detected	580	Not Detected
1,1,2,2-Tetrachloroethane	140	Not Detected	930	Not Detected
Bromodichloromethane	140	Not Detected	910	Not Detected
Dibromochloromethane	140	Not Detected	1200	Not Detected
Chloromethane	540	Not Detected	1100	Not Detected
Acetone	540	3900	1300	9200
Carbon Disulfide	540	Not Detected	1700	Not Detected
trans-1,2-Dichloroethene	540	Not Detected	2200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	540	3300	1600	9700
4-Methyl-2-pentanone	540	1900	2200	8000
2-Hexanone	540	Not Detected	2200	Not Detected
Bromoform	540	Not Detected	5600	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

CRS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0607098A-06A

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

File Name:	5071815	Date of Collection:	7/6/06
Dil. Factor:	272	Date of Analysis:	7/10/06 04:40 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	93	70-130

ORS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF Duplicate

Lab ID#: 0607098A-06AA

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

File Name:	5071913		Date of Collection:	7/8/06
Dil. Factor:	544		Date of Analysis:	7/10/06 05:35 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	270	Not Detected	700	Not Detected
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	140 J /5	720	360 J
1,1-Dichloroethene	270	95 J /5	1100	380 J
Methylene Chloride	270	8200	940	28000
1,1-Dichloroethane	270	1300	1100	5300
cis-1,2-Dichloroethene	270	1400	1100	5600
Chloroform	270	890	1300	4400
1,1,1-Trichloroethane	270	8900	1500	49000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	6200	870	20000
1,2-Dichloroethane	270	310	1100	1200
Trichloroethene	270	6300	1500	34000
1,2-Dichloropropane	270	110 J /5	1200	500 J
cis-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
Toluene	270	37000	1000	140000
trans-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	270	Not Detected	1500	Not Detected
Tetrachloroethene	270	9600	1800	65000
Chlorobenzene	270	Not Detected	1200	Not Detected
Ethyl Benzene	270	5100	1200	22000
m,p-Xylene	270	23000	1200	99000
o-Xylene	270	8400	1200	36000
Styrene	270	Not Detected	1200	Not Detected
1,1,2,2-Tetrachloroethane	270	Not Detected	1900	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	3400	2600	8000
Carbon Disulfide	1100	Not Detected	3400	Not Detected
trans-1,2-Dichloroethene	1100	Not Detected	4300	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	3300	3200	9800
4-Methyl-2-pentanone	1100	1900	4400	7700
2-Hexanone	1100	Not Detected	4400	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

ORS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF Duplicate

Lab ID#: 0607098A-06AA

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

File Name:	0073013	Date of Collection: 7/6/06	
Dil Factor:	5.44	Date of Analysis: 7/13/06 01:35 PM	

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	90	70-130

CTS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 7 TOX 2 INF DUP

Lab ID#: 0607098A-07A

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

File Name: 5072022	Date of Collection: 7/5/06
Dil Factor: 1.71	Date of Analysis: 7/20/06 10:43 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	90	210	230	540
Bromomethane	90	Not Detected	350	Not Detected
Chloroethane	90	200	240	540
1,1-Dichloroethene	90	67 J /5	350	270 J
Methylene Chloride	90	7600	310	26000
1,1-Dichloroethane	90	1200	360	4900
cis-1,2-Dichloroethene	90	1100	350	4300
Chloroform	90	760	440	3700
1,1,1-Trichloroethane	90	8200	490	45000
Carbon Tetrachloride	90	Not Detected	560	Not Detected
Benzene	90	5900	280	19000
1,2-Dichloroethane	90	260	360	1000
Trichloroethene	90	6000	480	32000
1,2-Dichloropropane	90	96	410	440
cis-1,3-Dichloropropene	90	Not Detected	410	Not Detected
Toluene	90	32000	340	120000
trans-1,3-Dichloropropene	90	Not Detected	410	Not Detected
1,1,2-Trichloroethane	90	Not Detected	490	Not Detected
Tetrachloroethene	90	8500	610	57000
Chlorobenzene	90	28 J /5	410	130 J
Ethyl Benzene	90	4400	390	19000
m,p-Xylene	90	20000	390	87000
o-Xylene	90	7500	390	33000
Styrene	90	Not Detected	380	Not Detected
1,1,2,2-Tetrachloroethane	90	Not Detected	610	Not Detected
Bromodichloromethane	90	Not Detected	600	Not Detected
Dibromochloromethane	90	Not Detected	760	Not Detected
Chloromethane	360	Not Detected	740	Not Detected
Acetone	360	3500	850	8300
Carbon Disulfide	360	Not Detected	1100	Not Detected
trans-1,2-Dichloroethene	360	Not Detected	1400	Not Detected
2-Butanone (Methyl Ethyl Ketone)	360	3000	1000	8900
4-Methyl-2-pentanone	360	1900	1500	7800
2-Hexanone	360	Not Detected	1500	Not Detected
Bromoform	360	Not Detected	3700	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

OCS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 7 TOX 2 INF DUP

Lab ID#: 0607098A-07A

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

File Name:	30720[illegible]	Date of Collection: 7/6/06	
Dil. Factor:	1.9	Date of Analysis: 7/20/06 10:[illegible] PM	

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	91	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	93	70-130

CCS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX 2 EFF

Lab ID#: 0607098A-08A

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

File Name:	[illegible]	Date of Collection: [illegible]
Dil. Factor:	13.6	Date of Analysis: [illegible]

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	6.8	29	17	75
Bromomethane	6.8	Not Detected	26	Not Detected
Chloroethane	6.8	3.4 J	18	9.0 J
1,1-Dichloroethene	6.8	120	27	460
Methylene Chloride	6.8	460	24	1600
1,1-Dichloroethane	6.8	68	28	270
cis-1,2-Dichloroethene	6.8	100	27	410
Chloroform	6.8	57	33	280
1,1,1-Trichloroethane	6.8	470	37	2600
Carbon Tetrachloride	6.8	Not Detected	43	Not Detected
Benzene	6.8	490	22	1600
1,2-Dichloroethane	6.8	16	28	64
Trichloroethene	6.8	400	36	2100
1,2-Dichloropropane	6.8	5.7 J	31	26 J
cis-1,3-Dichloropropene	6.8	Not Detected	31	Not Detected
Toluene	6.8	1700	26	6400
trans-1,3-Dichloropropene	6.8	Not Detected	31	Not Detected
1,1,2-Trichloroethane	6.8	Not Detected	37	Not Detected
Tetrachloroethene	6.8	750	46	5100
Chlorobenzene	6.8	3.5 J	31	16 J
Ethyl Benzene	6.8	240	30	1000
m,p-Xylene	6.8	1000	30	4400
o-Xylene	6.8	440	30	1900
Styrene	6.8	49	29	210
1,1,2,2-Tetrachloroethane	6.8	1.9 J	47	13 J
Bromodichloromethane	6.8	Not Detected	46	Not Detected
Dibromochloromethane	6.8	Not Detected	58	Not Detected
Chloromethane	27	Not Detected	56	Not Detected
Acetone	27	410	65	970
Carbon Disulfide	27	2.6 J	85	8.1 J
trans-1,2-Dichloroethene	27	14 J	110	54 J
2-Butanone (Methyl Ethyl Ketone)	27	170	80	520
4-Methyl-2-pentanone	27	49	110	200
2-Hexanone	27	4.6 J	110	19 J
Bromoform	27	Not Detected	280	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

CRS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX 2 EFF

Lab ID#: 0607098A-08A

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

File Name:	5071914	Date of Collection:	7/6/06
Dil. Factor:	13.6	Date of Analysis:	7/19/06 06:00 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	92	70-130

ORS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0607098B-01A

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

File Name:	p071009	Date of Collection: 7/8/06
Dil. Factor:	1.00	Date of Analysis: 7/10/06 03:49 PM
		Date of Extraction: 7/7/06

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	2.0
1,4-Dichlorobenzene	1.0	7.2
1,2-Dichlorobenzene	1.0	62
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	40
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	2.2
Naphthalene	1.0	67
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	5.0
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	14
Hexachlorocyclopentadiene	20	2.8 J /5
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	2.3 J /5
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

PRS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0607098B-01A

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

File Name:	[illegible]	Date of Collection: [illegible]
Dil. Factor:	1.00	Date of Analysis: [illegible]
		Date of Extraction: [illegible]

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	9.8
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	84	50-150
Phenol-d5	96	50-150
Nitrobenzene-d5	95	50-150
2,4,6-Tribromophenol	91	50-150
Fluorene-d10	88	60-120
Pyrene-d10	90	60-120

CTS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE Duplicate

Lab ID#: 0607098B-01AA

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

File Name:	p071010	Date of Collection:	2/6/06
Dil. Factor:	4.00	Date of Analysis:	7/10/06 9:41:19 PM
		Date of Extraction:	7/7/06

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	2.0
1,4-Dichlorobenzene	1.0	7.4
1,2-Dichlorobenzene	1.0	62
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	41
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	2.2
Naphthalene	1.0	69
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	2.9 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	2.0 J 15
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

CRS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE Duplicate

Lab ID#: 0607098B-01AA

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

File Name:	607-010	Date of Collection: [illegible]	
Dil. Factor:	1.00	Date of Analysis: [illegible]	
		Date of Extraction: [illegible]	

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	8.7
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	97	50-150
Nitrobenzene-d5	91	50-150
2,4,6-Tribromophenol	85	50-150
Fluorene-d10	87	60-120
Pyrene-d10	90	60-120

CRS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ONSITE ISVE

Lab ID#: 0607098B-02A

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

File Name:	p071011	Date of Collection: 7/6/06
Dil. Factor:	1.00	Date of Analysis: 7/10/06 04:49 PM
		Date of Extraction: 7/7/06

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	0.92 J
1,4-Dichlorobenzene	1.0	2.1
1,2-Dichlorobenzene	1.0	8.9
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	1.2
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	5.6
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	2.1
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	3.7
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	1.8 J
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

ORS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ONSITE ISVE

Lab ID#: 0607098B-02A

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

File Name:	p071011	Date of Collection: 7/6/06
Dil. Factor:	4.00	Date of Analysis: 7/10/06 04:49 PM
		Date of Extraction: 7/7/06

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	6.4
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	73	50-150
Phenol-d5	79	50-150
Nitrobenzene-d5	75	50-150
2,4,6-Tribromophenol	73	50-150
Fluorene-d10	78	60-120
Pyrene-d10	81	60-120

CRS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0607098B-03A

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

File Name:	p071012	Date of Collection: 7/6/06
Dil. Factor:	1.00	Date of Analysis: 7/10/06 05:20 PM
		Date of Extraction: 7/7/06

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	6.2
1,4-Dichlorobenzene	1.0	14
1,2-Dichlorobenzene	1.0	59
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	8.8
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	6.8
Naphthalene	1.0	46
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	18
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	29
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	1.6 J 15
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

CRS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0607098B-03A

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

File Name:	p071012	Date of Collection: 7/6/06
Dil. Factor:	1.00	Date of Analysis: 7/10/06 [illegible]
		Date of Extraction: 7/7/06

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	7.4
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	78	50-150
Phenol-d5	88	50-150
Nitrobenzene-d5	89	50-150
2,4,6-Tribromophenol	70	50-150
Fluorene-d10	87	60-120
Pyrene-d10	91	60-120

ACS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX 1 INF DUP

Lab ID#: 0607098B-04A

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

File Name:	p071013	Date of Collection: 7/6/06
Dil. Factor:	1.00	Date of Analysis: 7/10/06 05:50 PM
		Date of Extraction: 7/7/06

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	5.9
1,4-Dichlorobenzene	1.0	13
1,2-Dichlorobenzene	1.0	56
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	6.2
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	5.9
Naphthalene	1.0	42
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	16
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	26
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	2.0 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: 4 TOX 1 INF DUP

Lab ID#: 0607098B-04A

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

File Name:	p071013	Date of Collection: 7/6/06
Dil. Factor:	1.00	Date of Analysis: 7/10/06 03:53 PM
		Date of Extraction: 7/7/06

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	3.8 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	77	50-150
Phenol-d5	89	50-150
Nitrobenzene-d5	92	50-150
2,4,6-Tribromophenol	71	50-150
Fluorene-d10	84	60-120
Pyrene-d10	88	60-120

OCS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0607098B-05A

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

File Name:	p071014	Date of Collection: [illegible]	
Dil. Factor:	1.00	Date of Analysis: [illegible]	
		Date of Extraction: [illegible]	

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

GCS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0607098B-05A

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

File Name:	[illegible]	Date of Collection: [illegible]
Dil Factor:	1.00	Date of Analysis: [illegible]
		Date of Extraction: [illegible]

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	62	50-150
Phenol-d5	64	50-150
Nitrobenzene-d5	56	50-150
2,4,6-Tribromophenol	65	50-150
Fluorene-d10	63	60-120
Pyrene-d10	73	60-120

OKS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0607098A-01A

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

File Name:	5071018		Date of Collection: 7/6/06	
Dil. Factor:	544		Date of Analysis: 7/19/06 08:31 PM	
Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Vinyl Chloride	270	150 J 15	700	390 J
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	Not Detected	720	Not Detected
1,1-Dichloroethene	270	200 J 15	1100	790 J
Methylene Chloride	270	22000	940	76000
1,1-Dichloroethane	270	3100	1100	12000
cis-1,2-Dichloroethene	270	1800	1100	7100
Chloroform	270	2100	1300	10000
1,1,1-Trichloroethane	270	23000	1500	120000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	15000	870	47000
1,2-Dichloroethane	270	740	1100	3000
Trichloroethene	270	15000	1500	81000
1,2-Dichloropropane	270	230 J 15	1200	1100 J
cis-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
Toluene	270	81000	1000	300000
trans-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	270	Not Detected	1500	Not Detected
Tetrachloroethene	270	20000	1800	140000
Chlorobenzene	270	Not Detected	1200	Not Detected
Ethyl Benzene	270	10000	1200	44000
m,p-Xylene	270	44000	1200	190000
o-Xylene	270	16000	1200	70000
Styrene	270	Not Detected	1200	Not Detected
1,1,2,2-Tetrachloroethane	270	Not Detected	1900	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	11000	2600	26000
Carbon Disulfide	1100	280 J 15	3400	860 J
trans-1,2-Dichloroethene	1100	Not Detected	4300	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	7900	3200	23000
4-Methyl-2-pentanone	1100	4700	4400	19000
2-Hexanone	1100	Not Detected	4400	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

CRS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0607098A-01A

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

File Name:	5071918	Date of Collection:	7/8/06
Dil. Factor:	544	Date of Analysis:	7/19/06 [illegible]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	96	70-130

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8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ONSITE ISVE

Lab ID#: 0607098A-02A

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

File Name:	5071919	Date of Collection:	7/6/06
Dil. Factor:	536	Date of Analysis:	7/19/06 08:59 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	270	970	680	2500
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	220 J /5	710	580 J
1,1-Dichloroethene	270	230 J /5	1100	900 J
Methylene Chloride	270	7400	930	26000
1,1-Dichloroethane	270	3100	1100	12000
cis-1,2-Dichloroethene	270	16000	1100	66000
Chloroform	270	8200	1300	40000
1,1,1-Trichloroethane	270	22000	1500	120000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	6900	860	22000
1,2-Dichloroethane	270	380	1100	1600
Trichloroethene	270	18000	1400	96000
1,2-Dichloropropane	270	490	1200	2300
cis-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
Toluene	270	60000	1000	220000
trans-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	270	Not Detected	1500	Not Detected
Tetrachloroethene	270	39000	1800	260000
Chlorobenzene	270	Not Detected	1200	Not Detected
Ethyl Benzene	270	10000	1200	44000
m,p-Xylene	270	43000	1200	190000
o-Xylene	270	18000	1200	79000
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	3000	2500	7100
Carbon Disulfide	1100	340 J /5	3300	1000 J
trans-1,2-Dichloroethene	1100	270 J /5	4200	1100 J
2-Butanone (Methyl Ethyl Ketone)	1100	1200	3200	3600
4-Methyl-2-pentanone	1100	1500	4400	6000
2-Hexanone	1100	Not Detected	4400	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

CKS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ONSITE ISVE

Lab ID#: 0607098A-02A

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

File Name:	5071010	Date of Collection:	7/6/06
Dil. Factor:	538	Date of Analysis:	7/19/06 08:59 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	*70-130*
Toluene-d8	99	70-130
4-Bromofluorobenzene	94	70-130

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0607098A-03A

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

File Name:	5073912	Date of Collection: 7/6/06
Dil. Factor:	536	Date of Analysis: 7/19/06 05:04 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	280	920	710	2300
Bromomethane	280	Not Detected	1100	Not Detected
Chloroethane	280	260 J /J	730	690 J
1,1-Dichloroethene	280	250 J /J	1100	980 J
Methylene Chloride	280	7400	960	26000
1,1-Dichloroethane	280	3200	1100	13000
cis-1,2-Dichloroethene	280	18000	1100	72000
Chloroform	280	9300	1400	45000
1,1,1-Trichloroethane	280	24000	1500	130000
Carbon Tetrachloride	280	Not Detected	1700	Not Detected
Benzene	280	7800	890	25000
1,2-Dichloroethane	280	520	1100	2100
Trichloroethene	280	21000	1500	110000
1,2-Dichloropropane	280	560	1300	2600
cis-1,3-Dichloropropene	280	Not Detected	1300	Not Detected
Toluene	280	74000	1000	280000
trans-1,3-Dichloropropene	280	Not Detected	1300	Not Detected
1,1,2-Trichloroethane	280	Not Detected	1500	Not Detected
Tetrachloroethene	280	49000	1900	330000
Chlorobenzene	280	Not Detected	1300	Not Detected
Ethyl Benzene	280	15000	1200	67000
m,p-Xylene	280	68000	1200	290000
o-Xylene	280	29000	1200	130000
Styrene	280	Not Detected	1200	Not Detected
1,1,2,2-Tetrachloroethane	280	Not Detected	1900	Not Detected
Bromodichloromethane	280	Not Detected	1900	Not Detected
Dibromochloromethane	280	Not Detected	2400	Not Detected
Chloromethane	1100	Not Detected	2300	Not Detected
Acetone	1100	1400	2600	3300
Carbon Disulfide	1100	Not Detected	3500	Not Detected
trans-1,2-Dichloroethene	1100	Not Detected	4400	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	1600	3300	4700
4-Methyl-2-pentanone	1100	1900	4600	7700
2-Hexanone	1100	Not Detected	4600	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0607098A-03A

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

File Name:	5071912	Date of Collection:	7/6/06
Dil. Factor:	556	Date of Analysis:	7/19/06 05:04 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	94	70-130

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8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX 1 INF DUP

Lab ID#: 0607098A-04A

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

File Name:	5071021	Date of Collection: 7/6/06
Dil. Factor:	544	Date of Analysis: 7/19/06 10:00 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	270	1000	700	2500
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	200 J /5	720	540 J
1,1-Dichloroethene	270	270	1100	1100
Methylene Chloride	270	8100	940	28000
1,1-Dichloroethane	270	3200	1100	13000
cis-1,2-Dichloroethene	270	17000	1100	67000
Chloroform	270	8900	1300	44000
1,1,1-Trichloroethane	270	24000	1500	130000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	7400	870	24000
1,2-Dichloroethane	270	460	1100	1900
Trichloroethene	270	21000	1500	110000
1,2-Dichloropropane	270	540	1200	2500
cis-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
Toluene	270	66000	1000	250000
trans-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	270	Not Detected	1500	Not Detected
Tetrachloroethene	270	43000	1800	290000
Chlorobenzene	270	Not Detected	1200	Not Detected
Ethyl Benzene	270	12000	1200	52000
m,p-Xylene	270	51000	1200	220000
o-Xylene	270	22000	1200	95000
Styrene	270	Not Detected	1200	Not Detected
1,1,2,2-Tetrachloroethane	270	Not Detected	1900	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	3000	2600	7200
Carbon Disulfide	1100	380 J /5	3400	1200 J
trans-1,2-Dichloroethene	1100	Not Detected	4300	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	1800	3200	5300
4-Methyl-2-pentanone	1100	1500	4400	6300
2-Hexanone	1100	Not Detected	4400	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

ORS
06/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX 1 INF DUP

Lab ID#: 0607098A-04A

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

File Name:	5071021	Date of Collection: 7/6/06	
Dil. Factor:	5.44	Date of Analysis: 7/10/06 10:06 PM	

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	92	70-130

CKS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0607098A-05A

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

File Name: 5072029	Date of Collection: 7/6/06
Dil. Factor: 1.36	Date of Analysis: 7/20/06 06:58 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	0.68	3.5	1.7	9.0
Bromomethane	0.68	0.30 J 15	2.6	1.2 J
Chloroethane	0.68	2.3	1.8	6.2
1,1-Dichloroethene	0.68	3.5	2.7	14
Methylene Chloride	0.68	37	2.4	130
1,1-Dichloroethane	0.68	5.6	2.8	23
cis-1,2-Dichloroethene	0.68	14	2.7	57
Chloroform	0.68	5.3	3.3	26
1,1,1-Trichloroethane	0.68	39	3.7	210
Carbon Tetrachloride	0.68	Not Detected	4.3	Not Detected
Benzene	0.68	27	2.2	88
1,2-Dichloroethane	0.68	0.88	2.8	3.6
Trichloroethene	0.68	32	3.6	170
1,2-Dichloropropane	0.68	0.52 J 15	3.1	2.4 J
cis-1,3-Dichloropropene	0.68	Not Detected	3.1	Not Detected
Toluene	0.68	150	2.6	570
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	57	4.6	390
Chlorobenzene	0.68	0.35 J 15	3.1	1.6 J
Ethyl Benzene	0.68	26	3.0	110
m,p-Xylene	0.68	120	3.0	530
o-Xylene	0.68	48	3.0	210
Styrene	0.68	Not Detected	2.9	Not Detected
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	2.9	5.6	6.0
Acetone	2.7	33	6.5	78
Carbon Disulfide	2.7	1.2 J 15	8.5	3.7 J
trans-1,2-Dichloroethene	2.7	0.85 J 15	11	3.4 J
2-Butanone (Methyl Ethyl Ketone)	2.7	18	8.0	52
4-Methyl-2-pentanone	2.7	7.8	11	32
2-Hexanone	2.7	1.0 J 15	11	4.1 J
Bromoform	2.7	0.33 J 15	28	3.4 J

J = Estimated value.

Container Type: 6 Liter Summa Canister

OCS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0607098A-05A

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

File Name:	5072048	Date of Collection:	7/6/06
Dil. Factor:	1.36	Date of Analysis:	7/20/06 [illegible] PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	96	70-130

CDS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0607098A-06A

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

File Name: 5071915 Date of Collection: 7/6/06
Dil. Factor: 2.72 Date of Analysis: 7/19/06 06:40 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	140	130 J /5	350	340 J
Bromomethane	140	Not Detected	530	Not Detected
Chloroethane	140	150	360	390
1,1-Dichloroethene	140	91 J /5	540	360 J
Methylene Chloride	140	8900	470	31000
1,1-Dichloroethane	140	1400	550	5600
cis-1,2-Dichloroethene	140	1500	540	6000
Chloroform	140	950	660	4600
1,1,1-Trichloroethane	140	9300	740	51000
Carbon Tetrachloride	140	Not Detected	860	Not Detected
Benzene	140	6200	430	20000
1,2-Dichloroethane	140	280	550	1100
Trichloroethene	140	6600	730	35000
1,2-Dichloropropane	140	120 J /5	630	540 J
cis-1,3-Dichloropropene	140	Not Detected	620	Not Detected
Toluene	140	36000	510	140000
trans-1,3-Dichloropropene	140	Not Detected	620	Not Detected
1,1,2-Trichloroethane	140	Not Detected	740	Not Detected
Tetrachloroethene	140	9900	920	67000
Chlorobenzene	140	Not Detected	630	Not Detected
Ethyl Benzene	140	5200	590	22000
m,p-Xylene	140	24000	590	100000
o-Xylene	140	9000	590	39000
Styrene	140	Not Detected	580	Not Detected
1,1,2,2-Tetrachloroethane	140	Not Detected	930	Not Detected
Bromodichloromethane	140	Not Detected	910	Not Detected
Dibromochloromethane	140	Not Detected	1200	Not Detected
Chloromethane	540	Not Detected	1100	Not Detected
Acetone	540	3900	1300	9200
Carbon Disulfide	540	Not Detected	1700	Not Detected
trans-1,2-Dichloroethene	540	Not Detected	2200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	540	3300	1600	9700
4-Methyl-2-pentanone	540	1900	2200	8000
2-Hexanone	540	Not Detected	2200	Not Detected
Bromoform	540	Not Detected	5600	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

CRS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0607098A-06A

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

File Name:	507 0015	Date of Collection:	7/6/06
DF Factor:	2.72	Date of Analysis:	7/19/06 06:40 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	93	70-130

OES
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF Duplicate

Lab ID#: 0607098A-06AA

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

File Name:	5971913	Date of Collection: 7/6/06
DIL Factor:	544	Date of Analysis: 7/18/06 05:35 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	270	Not Detected	700	Not Detected
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	140 J /5	720	360 J
1,1-Dichloroethene	270	95 J /5	1100	380 J
Methylene Chloride	270	8200	940	28000
1,1-Dichloroethane	270	1300	1100	5300
cis-1,2-Dichloroethene	270	1400	1100	5600
Chloroform	270	890	1300	4400
1,1,1-Trichloroethane	270	8900	1500	49000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	6200	870	20000
1,2-Dichloroethane	270	310	1100	1200
Trichloroethene	270	6300	1500	34000
1,2-Dichloropropane	270	110 J /5	1200	500 J
cis-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
Toluene	270	37000	1000	140000
trans-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	270	Not Detected	1500	Not Detected
Tetrachloroethene	270	9600	1800	65000
Chlorobenzene	270	Not Detected	1200	Not Detected
Ethyl Benzene	270	5100	1200	22000
m,p-Xylene	270	23000	1200	99000
o-Xylene	270	8400	1200	36000
Styrene	270	Not Detected	1200	Not Detected
1,1,2,2-Tetrachloroethane	270	Not Detected	1900	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	3400	2600	8000
Carbon Disulfide	1100	Not Detected	3400	Not Detected
trans-1,2-Dichloroethene	1100	Not Detected	4300	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	3300	3200	9800
4-Methyl-2-pentanone	1100	1900	4400	7700
2-Hexanone	1100	Not Detected	4400	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

ORS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF Duplicate

Lab ID#: 0607098A-06AA

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

File Name:	5071013	Date of Collection:	7/6/06
Dil. Factor:	5.44	Date of Analysis:	7/10/06 05:26 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	90	70-130

OCS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 7 TOX 2 INF DUP

Lab ID#: 0607098A-07A

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

File Name:	5072022	Date of Collection: 7/5/06
Dil Factor:	179	Date of Analysis: 7/20/06 10:03 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	90	210	230	540
Bromomethane	90	Not Detected	350	Not Detected
Chloroethane	90	200	240	540
1,1-Dichloroethene	90	67 J /5	350	270 J
Methylene Chloride	90	7600	310	26000
1,1-Dichloroethane	90	1200	360	4900
cis-1,2-Dichloroethene	90	1100	350	4300
Chloroform	90	760	440	3700
1,1,1-Trichloroethane	90	8200	490	45000
Carbon Tetrachloride	90	Not Detected	560	Not Detected
Benzene	90	5900	280	19000
1,2-Dichloroethane	90	260	360	1000
Trichloroethene	90	6000	480	32000
1,2-Dichloropropane	90	96	410	440
cis-1,3-Dichloropropene	90	Not Detected	410	Not Detected
Toluene	90	32000	340	120000
trans-1,3-Dichloropropene	90	Not Detected	410	Not Detected
1,1,2-Trichloroethane	90	Not Detected	490	Not Detected
Tetrachloroethene	90	8500	610	57000
Chlorobenzene	90	28 J /5	410	130 J
Ethyl Benzene	90	4400	390	19000
m,p-Xylene	90	20000	390	87000
o-Xylene	90	7500	390	33000
Styrene	90	Not Detected	380	Not Detected
1,1,2,2-Tetrachloroethane	90	Not Detected	610	Not Detected
Bromodichloromethane	90	Not Detected	600	Not Detected
Dibromochloromethane	90	Not Detected	760	Not Detected
Chloromethane	360	Not Detected	740	Not Detected
Acetone	360	3500	850	8300
Carbon Disulfide	360	Not Detected	1100	Not Detected
trans-1,2-Dichloroethene	360	Not Detected	1400	Not Detected
2-Butanone (Methyl Ethyl Ketone)	360	3000	1000	8900
4-Methyl-2-pentanone	360	1900	1500	7800
2-Hexanone	360	Not Detected	1500	Not Detected
Bromoform	360	Not Detected	3700	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

OCS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 7 TOX 2 INF DUP

Lab ID#: 0607098A-07A

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

File Name:	5072042	Date of Collection:	7/6/06
Dil. Factor:	179	Date of Analysis:	7/20/06 10:03 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	91	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	93	70-130

CCS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX 2 EFF

Lab ID#: 0607098A-08A

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

File Name: 60219.14 Date of Collection: 7/6/06
Dil. Factor: 13.6 Date of Analysis: 7/19/06 06:00 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	6.8	29	17	75
Bromomethane	6.8	Not Detected	26	Not Detected
Chloroethane	6.8	3.4 J	18	9.0 J
1,1-Dichloroethene	6.8	120	27	460
Methylene Chloride	6.8	460	24	1600
1,1-Dichloroethane	6.8	68	28	270
cis-1,2-Dichloroethene	6.8	100	27	410
Chloroform	6.8	57	33	280
1,1,1-Trichloroethane	6.8	470	37	2600
Carbon Tetrachloride	6.8	Not Detected	43	Not Detected
Benzene	6.8	490	22	1600
1,2-Dichloroethane	6.8	16	28	64
Trichloroethene	6.8	400	36	2100
1,2-Dichloropropane	6.8	5.7 J	31	26 J
cis-1,3-Dichloropropene	6.8	Not Detected	31	Not Detected
Toluene	6.8	1700	26	6400
trans-1,3-Dichloropropene	6.8	Not Detected	31	Not Detected
1,1,2-Trichloroethane	6.8	Not Detected	37	Not Detected
Tetrachloroethene	6.8	750	46	5100
Chlorobenzene	6.8	3.5 J	31	16 J
Ethyl Benzene	6.8	240	30	1000
m,p-Xylene	6.8	1000	30	4400
o-Xylene	6.8	440	30	1900
Styrene	6.8	49	29	210
1,1,2,2-Tetrachloroethane	6.8	1.9 J	47	13 J
Bromodichloromethane	6.8	Not Detected	46	Not Detected
Dibromochloromethane	6.8	Not Detected	58	Not Detected
Chloromethane	27	Not Detected	56	Not Detected
Acetone	27	410	65	970
Carbon Disulfide	27	2.6 J	85	8.1 J
trans-1,2-Dichloroethene	27	14 J	110	54 J
2-Butanone (Methyl Ethyl Ketone)	27	170	80	520
4-Methyl-2-pentanone	27	49	110	200
2-Hexanone	27	4.6 J	110	19 J
Bromoform	27	Not Detected	280	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

CBS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX 2 EFF

Lab ID#: 0607098A-08A

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

File Name:	5071914	Date of Collection: [illegible]
Dil Factor:	1.0	Date of Analysis: [illegible]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	92	70-130

OCS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0607098B-01A

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

File Name:	p0713009	Date of Collection:	7/6/06
Dil. Factor:	1.00	Date of Analysis:	7/10/06 03:49 PM
		Date of Extraction:	7/7/06

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	2.0
1,4-Dichlorobenzene	1.0	7.2
1,2-Dichlorobenzene	1.0	62
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	40
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	2.2
Naphthalene	1.0	67
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	5.0
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	14
Hexachlorocyclopentadiene	20	2.8 J
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	2.3 J
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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CRS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0607098B-01A

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

File Name:	[illegible]	Date of Collection: 7/6/06
Dilut Factor:	1.00	Date of Analysis: 7/10/06 [illegible]
		Date of Extraction: 7/7/06

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	9.8
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	84	50-150
Phenol-d5	96	50-150
Nitrobenzene-d5	95	50-150
2,4,6-Tribromophenol	91	50-150
Fluorene-d10	88	60-120
Pyrene-d10	90	60-120

CTS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE Duplicate

Lab ID#: 0607098B-01AA

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

File Name:	pd71016	Date of Collection: 7/6/06	
Dil. Factor:	1.00	Date of Analysis: 7/10/06 04:49 PM	
		Date of Extraction: 7/7/06	

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	2.0
1,4-Dichlorobenzene	1.0	7.4
1,2-Dichlorobenzene	1.0	62
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	41
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	2.2
Naphthalene	1.0	69
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	2.9 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	2.0 J 15
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

CRS 8/15/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE Duplicate

Lab ID#: 0607098B-01AA

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

File Name:	p071010	Date of Collection: 7/6/06
Dil. Factor:	1.00	Date of Analysis: 7/10/06 04:19 PM
		Date of Extraction: 7/7/06

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	8.7
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	97	50-150
Nitrobenzene-d5	91	50-150
2,4,6-Tribromophenol	85	50-150
Fluorene-d10	87	60-120
Pyrene-d10	90	60-120

CRS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ONSITE ISVE

Lab ID#: 0607098B-02A

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

File Name:	0071011	Date of Collection: 7/6/06
Dil. Factor:	1.00	Date of Analysis: 7/10/06 04:46 PM
		Date of Extraction: 7/7/06

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	0.92 J
1,4-Dichlorobenzene	1.0	2.1
1,2-Dichlorobenzene	1.0	8.9
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	1.2
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	5.6
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	2.1
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	3.7
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	1.8 J
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ONSITE ISVE

Lab ID#: 0607098B-02A

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

File Name:	p171013	Date of Collection: 7/6/06
Dil Factor:	1.00	Date of Analysis: 7/10/06 04:46 PM
		Date of Extraction: 7/7/06

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	6.4
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	73	50-150
Phenol-d5	79	50-150
Nitrobenzene-d5	75	50-150
2,4,6-Tribromophenol	73	50-150
Fluorene-d10	78	60-120
Pyrene-d10	81	60-120

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8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0607098B-03A

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

File Name: p071012
Dil. Factor: 1.00
Date of Collection: 7/6/06
Date of Analysis: 7/10/06 05:21 PM
Date of Extraction: 7/7/06

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	6.2
1,4-Dichlorobenzene	1.0	14
1,2-Dichlorobenzene	1.0	59
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	8.8
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	6.8
Naphthalene	1.0	46
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	18
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	29
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	1.6 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: 3 TOX 1 INF

Lab ID#: 0607098B-03A

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

File Name:	[illegible]	Date of Collection:	[illegible]
Dil. Factor:	1.00	Date of Analysis:	[illegible]
		Date of Extraction:	[illegible]

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	7.4
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	78	50-150
Phenol-d5	88	50-150
Nitrobenzene-d5	89	50-150
2,4,6-Tribromophenol	70	50-150
Fluorene-d10	87	60-120
Pyrene-d10	91	60-120

ACS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX 1 INF DUP

Lab ID#: 0607098B-04A

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

File Name:	p071013	Date of Collection:	7/6/06
Dil Factor:	1.00	Date of Analysis:	7/10/06 02:50 PM
		Date of Extraction:	7/7/06

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	5.9
1,4-Dichlorobenzene	1.0	13
1,2-Dichlorobenzene	1.0	56
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	6.2
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	5.9
Naphthalene	1.0	42
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	16
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	26
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	2.0 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: 4 TOX 1 INF DUP

Lab ID#: 0607098B-04A

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

File Name:	p071013	Date of Collection: 7/6/06
Dil. Factor:	1.00	Date of Analysis: 7/10/06 02:53 PM
		Date of Extraction: 7/7/06

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	3.8 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	77	50-150
Phenol-d5	89	50-150
Nitrobenzene-d5	92	50-150
2,4,6-Tribromophenol	71	50-150
Fluorene-d10	84	60-120
Pyrene-d10	88	60-120

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0607098B-05A

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

File Name:	p071014	Date of Collection: 7/6/06
Dil. Factor:	1.00	Date of Analysis: 7/10/06 06:21 PM
		Date of Extraction: 7/7/06

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

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0607098B-05A

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

File Name:	0071014	Date of Collection: 7/6/06
Dil. Factor:	1.00	Date of Analysis: 7/10/06 04:21 PM
		Date of Extraction: 7/7/06

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	62	50-150
Phenol-d5	64	50-150
Nitrobenzene-d5	56	50-150
2,4,6-Tribromophenol	65	50-150
Fluorene-d10	63	60-120
Pyrene-d10	73	60-120

CMS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0607098B-06A

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

File Name: p071015
Dil Factor: 1.00

Date of Collection: 7/6/06
Date of Analysis: 7/10/06 10:51 PM
Date of Extraction: 7/7/06

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 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0607098B-06A

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

File Name: [illegible]
Dil. Factor: 1.00

Date of Collection: [illegible]
Date of Analysis: [illegible]
Date of Extraction: [illegible]

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	19
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	67	50-150
Phenol-d5	71	50-150
Nitrobenzene-d5	63	50-150
2,4,6-Tribromophenol	74	50-150
Fluorene-d10	70	60-120
Pyrene-d10	83	60-120

CRS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 7 TOX 2 INF DUP

Lab ID#: 0607098B-07A

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

File Name: 0071010 | Date of Collection: 7/6/06
Dil Factor: 1.00 | Date of Analysis: 7/10/06 07:21 PM
Date of Extraction: 7/6/06

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 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 7 TOX 2 INF DUP

Lab ID#: 0607098B-07A

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

File Name:	p071016	Date of Collection: 7/6/06
Dil. Factor:	1.00	Date of Analysis: 7/10/06 07:21 PM
		Date of Extraction: 7/7/06

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	7.8
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	74	50-150
Nitrobenzene-d5	66	50-150
2,4,6-Tribromophenol	76	50-150
Fluorene-d10	75	60-120
Pyrene-d10	79	60-120

ORS
8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX 2 EFF

Lab ID#: 0607098B-08A

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

File Name:	p071017	Date of Collection: 7/06/06
Dil. Factor:	4.00	Date of Analysis: 7/10/06 07:54 PM
		Date of Extraction: 7/7/06

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

OKS 8/8/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX 2 EFF

Lab ID#: 0607098B-08A

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

File Name:	p071037	Date of Collection: [illegible]
Dil Factor:	1.00	Date of Analysis: [illegible]
		Date of Extraction: [illegible]

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	25
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	64	50-150
Phenol-d5	71	50-150
Nitrobenzene-d5	61	50-150
2,4,6-Tribromophenol	76	50-150
Fluorene-d10	74	60-120
Pyrene-d10	81	60-120

OCS 8/8/06

AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

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(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

CHAIN-OF-CUSTODY RECORD

Contact Person: CHRis Daly
Company: MWH
Email:
Address: 175 Jackson Blvd. City: Chicago State: IL Zip: 60604
Phone: 312 831 3406 Fax: 312 831 3021
Collected by: (Signature)

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

Turn Around Time:
☒ Normal
☐ Rush
specify

Pressurized by:
Date:
Pressurization Gas: N2 He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final
	#1 Offsite ISVE	34422	7-6-06	11:12	TO13/TO14 SUMA & Sorb Tube	-28	0		
	#2 SBPA (Onsite) ISVE	34430		11:13		-28.5			
	#3 TOX 1 Inf	12075		11:21		-28.5			
	#4 TOX 1 Inf Dup	11026		11:50		-28.5			
	#5 TOX 1 Eff	14121		11:26		-28.5			
	#6 TOX 2 Inf	4448		11:35		-28			
	#7 TOX 2 Inf Dup	2887		12:30		-28.5			
	#8 TOX 2 Eff	2388	7-6-06	11:55	TO13/TO14 SUMA & Sorb Tube	28.5	0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	7-6-06 1500	[signature]	0700
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp °C	Condition	Customer Seals Intact?	Work Order #
	FedEx	8574 3485 8270	22°C	see discrep. report	Yes No (None)	0607098

Form 1223 rev.10

August 10, 2006 Off-Gas Sample Laboratory Results

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0608318A-01A

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

File Name:	8081712	Date of Collection: 8/10/06
Dil. Factor:	556	Date of Analysis: 8/17/06 06:55 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	280	300	710	780
Bromomethane	280	Not Detected	1100	Not Detected
Chloroethane	280	170 J /J	730	450 J
1,1-Dichloroethene	280	330	1100	1300
Methylene Chloride	280	46000	960	160000
1,1-Dichloroethane	280	5400	1100	22000
cis-1,2-Dichloroethene	280	2600	1100	10000
Chloroform	280	3200	1400	16000
1,1,1-Trichloroethane	280	43000	1500	240000
Carbon Tetrachloride	280	Not Detected	1700	Not Detected
Benzene	280	19000	890	62000
1,2-Dichloroethane	280	1400	1100	5800
Trichloroethene	280	24000	1500	130000
1,2-Dichloropropane	280	350	1300	1600
cis-1,3-Dichloropropene	280	Not Detected	1300	Not Detected
Toluene	280	150000 E /E	1000	560000 E
trans-1,3-Dichloropropene	280	Not Detected	1300	Not Detected
1,1,2-Trichloroethane	280	Not Detected	1500	Not Detected
Tetrachloroethene	280	36000	1900	240000
Chlorobenzene	280	Not Detected	1300	Not Detected
Ethyl Benzene	280	19000	1200	81000
m,p-Xylene	280	76000	1200	330000
o-Xylene	280	32000	1200	140000
Styrene	280	Not Detected /R	1200	Not Detected
1,1,2,2-Tetrachloroethane	280	Not Detected	1900	Not Detected
Bromodichloromethane	280	Not Detected	1900	Not Detected
Dibromochloromethane	280	Not Detected	2400	Not Detected
Chloromethane	1100	Not Detected	2300	Not Detected
Acetone	1100	22000	2600	53000
Carbon Disulfide	1100	Not Detected	3500	Not Detected
trans-1,2-Dichloroethene	1100	Not Detected	4400	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	16000	3300	48000
4-Methyl-2-pentanone	1100	8200	4600	34000
2-Hexanone	1100	Not Detected	4600	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.
E = Exceeds instrument calibration range.
Container Type: 6 Liter Summa Canister

ORS
10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0608318A-01A

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

File Name:	60831212	Date of Collection:	9/10/06
DIL Factor:	5.59	Date of Analysis:	9/17/06 04:52 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	114	70-130

CRS
10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0608318A-02A

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

File Name:	8081714		Date of Collection: 8/10/06	
Dil. Factor:	272		Date of Analysis: 8/17/06 08:21 PM	
Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Vinyl Chloride	140	940	350	2400
Bromomethane	140	Not Detected	530	Not Detected
Chloroethane	140	Not Detected	360	Not Detected
1,1-Dichloroethene	140	200	540	790
Methylene Chloride	140	11000	470	39000
1,1-Dichloroethane	140	1800	550	7300
cis-1,2-Dichloroethene	140	5800	540	23000
Chloroform	140	2200	660	11000
1,1,1-Trichloroethane	140	16000	740	90000
Carbon Tetrachloride	140	Not Detected	860	Not Detected
Benzene	140	5500	430	18000
1,2-Dichloroethane	140	340	550	1400
Trichloroethene	140	10000	730	54000
1,2-Dichloropropane	140	160	630	730
cis-1,3-Dichloropropene	140	Not Detected	620	Not Detected
Toluene	140	33000	510	120000
trans-1,3-Dichloropropene	140	Not Detected	620	Not Detected
1,1,2-Trichloroethane	140	Not Detected	740	Not Detected
Tetrachloroethene	140	15000	920	100000
Chlorobenzene	140	Not Detected	630	Not Detected
Ethyl Benzene	140	6100	590	26000
m,p-Xylene	140	23000	590	100000
o-Xylene	140	10000	590	45000
Styrene	140	Not Detected /RC	580	Not Detected
1,1,2,2-Tetrachloroethane	140	Not Detected	930	Not Detected
Bromodichloromethane	140	Not Detected	910	Not Detected
Dibromochloromethane	140	Not Detected	1200	Not Detected
Chloromethane	540	Not Detected	1100	Not Detected
Acetone	540	3600	1300	8500
Carbon Disulfide	540	Not Detected	1700	Not Detected
trans-1,2-Dichloroethene	540	Not Detected	2200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	540	2500	1600	7300
4-Methyl-2-pentanone	540	1600	2200	6500
2-Hexanone	540	Not Detected	2200	Not Detected
Bromoform	540	Not Detected	5600	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	113	70-130

CRS 10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0608318A-02A

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

File Name:	30A1714	Date of Collection: 9/30/06
Dil Factor:	1.72	Date of Analysis: 9/30/06 [illegible] PM

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
4-Bromofluorobenzene	112	70-130

CRS
10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0608318A-02B

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

File Name:	[illegible]	Date of Collection: [illegible]
Dil. Factor:	111	Date of Analysis: [illegible]

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	90	1100	230	2800
Bromomethane	90	Not Detected	350	Not Detected
Chloroethane	90	65 J 15	240	170 J
1,1-Dichloroethene	90	190	360	770
Methylene Chloride	90	13000	310	46000
1,1-Dichloroethane	90	2200	370	8800
cis-1,2-Dichloroethene	90	6800	360	27000
Chloroform	90	2700	440	13000
1,1,1-Trichloroethane	90	19000	490	100000
Carbon Tetrachloride	90	Not Detected	570	Not Detected
Benzene	90	6200	290	20000
1,2-Dichloroethane	90	410	370	1600
Trichloroethene	90	12000	490	63000
1,2-Dichloropropane	90	160	420	730
cis-1,3-Dichloropropene	90	Not Detected	410	Not Detected
Toluene	90	39000 E 1E	340	150000 E
trans-1,3-Dichloropropene	90	Not Detected	410	Not Detected
1,1,2-Trichloroethane	90	Not Detected	490	Not Detected
Tetrachloroethene	90	18000	610	120000
Chlorobenzene	90	34 J 15	420	160 J
Ethyl Benzene	90	7000	390	30000
m,p-Xylene	90	28000	390	120000
o-Xylene	90	12000	390	54000
Styrene	90	Not Detected 1R	380	Not Detected
1,1,2,2-Tetrachloroethane	90	Not Detected	620	Not Detected
Bromodichloromethane	90	Not Detected	610	Not Detected
Dibromochloromethane	90	Not Detected	770	Not Detected
Chloromethane	360	Not Detected	750	Not Detected
Acetone	360	4200	860	10000
Carbon Disulfide	360	Not Detected	1100	Not Detected
trans-1,2-Dichloroethene	360	69 J 15	1400	270 J
2-Butanone (Methyl Ethyl Ketone)	360	3200	1100	9300
4-Methyl-2-pentanone	360	1800	1500	7500
2-Hexanone	360	Not Detected	1500	Not Detected
Bromoform	360	Not Detected	3700	Not Detected

J = Estimated value.
E = Exceeds instrument calibration range.
Container Type: 6 Liter Summa Canister

CRS 10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0608318A-02B

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

File Name:	[illegible]	Date of Collection:	[illegible]
Dil. Factor:	[illegible]	Date of Analysis:	[illegible]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	115	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	109	70-130

ORS
10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX 1 INF DUP

Lab ID#: 0608318A-04A

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

File Name:	60818A12	Date of Collection: 8/15/06
DF: Factor:	272	Date of Analysis: 8/17/06 1:07 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	140	460	350	1200
Bromomethane	140	Not Detected	530	Not Detected
Chloroethane	140	78 J	360	210 J
1,1-Dichloroethene	140	310	540	1200
Methylene Chloride	140	18000	470	61000
1,1-Dichloroethane	140	1900	550	7600
cis-1,2-Dichloroethene	140	3200	540	12000
Chloroform	140	1600	660	7900
1,1,1-Trichloroethane	140	16000	740	89000
Carbon Tetrachloride	140	Not Detected	860	Not Detected
Benzene	140	6900	430	22000
1,2-Dichloroethane	140	400	550	1600
Trichloroethene	140	9300	730	50000
1,2-Dichloropropane	140	140	630	650
cis-1,3-Dichloropropene	140	Not Detected	620	Not Detected
Toluene	140	46000	510	170000
trans-1,3-Dichloropropene	140	Not Detected	620	Not Detected
1,1,2-Trichloroethane	140	Not Detected	740	Not Detected
Tetrachloroethene	140	15000	920	99000
Chlorobenzene	140	Not Detected	630	Not Detected
Ethyl Benzene	140	6600	590	29000
m,p-Xylene	140	27000	590	120000
o-Xylene	140	11000	590	50000
Styrene	140	Not Detected	580	Not Detected
1,1,2,2-Tetrachloroethane	140	Not Detected	930	Not Detected
Bromodichloromethane	140	Not Detected	910	Not Detected
Dibromochloromethane	140	Not Detected	1200	Not Detected
Chloromethane	540	Not Detected	1100	Not Detected
Acetone	540	6800	1300	16000
Carbon Disulfide	540	Not Detected	1700	Not Detected
trans-1,2-Dichloroethene	540	Not Detected	2200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	540	4400	1600	13000
4-Methyl-2-pentanone	540	2500	2200	10000
2-Hexanone	540	Not Detected	2200	Not Detected
Bromoform	540	Not Detected	5600	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

CRS 10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX 1 INF DUP

Lab ID#: 0608318A-04A

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

File Name:	8081719	Date of Collection:	8/10/06
Dil. Factor:	272	Date of Analysis:	8/17/06 11:07 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	116	70-130

CRS
10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX 1 INF DUP

Lab ID#: 0608318A-04B

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

File Name:	[illegible]	Date of Collection: [illegible]
Dil. Factor:	[illegible]	Date of Analysis: [illegible]

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	68	450	170	1200
Bromomethane	68	Not Detected	260	Not Detected
Chloroethane	68	60 J	180	160 J
1,1-Dichloroethene	68	180	270	730
Methylene Chloride	68	16000	240	57000
1,1-Dichloroethane	68	1900	280	7600
cis-1,2-Dichloroethene	68	3000	270	12000
Chloroform	68	1600	330	7600
1,1,1-Trichloroethane	68	16000	370	86000
Carbon Tetrachloride	68	Not Detected	430	Not Detected
Benzene	68	6600	220	21000
1,2-Dichloroethane	68	420	280	1700
Trichloroethene	68	9100	360	49000
1,2-Dichloropropane	68	120	310	570
cis-1,3-Dichloropropene	68	Not Detected	310	Not Detected
Toluene	68	45000 E	260	170000 E
trans-1,3-Dichloropropene	68	Not Detected	310	Not Detected
1,1,2-Trichloroethane	68	Not Detected	370	Not Detected
Tetrachloroethene	68	14000	460	97000
Chlorobenzene	68	31 J	310	140 J
Ethyl Benzene	68	6700	300	29000
m,p-Xylene	68	26000	300	110000
o-Xylene	68	11000	300	49000
Styrene	68	Not Detected	290	Not Detected
1,1,2,2-Tetrachloroethane	68	Not Detected	470	Not Detected
Bromodichloromethane	68	Not Detected	460	Not Detected
Dibromochloromethane	68	Not Detected	580	Not Detected
Chloromethane	270	Not Detected	560	Not Detected
Acetone	270	6300	650	15000
Carbon Disulfide	270	Not Detected	850	Not Detected
trans-1,2-Dichloroethene	270	Not Detected	1100	Not Detected
2-Butanone (Methyl Ethyl Ketone)	270	4200	800	12000
4-Methyl-2-pentanone	270	2400	1100	9900
2-Hexanone	270	Not Detected	1100	Not Detected
Bromoform	270	Not Detected	2800	Not Detected

J = Estimated value.
E = Exceeds instrument calibration range.
Container Type: 6 Liter Summa Canister

CRS 10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX 1 INF DUP

Lab ID#: 0608318A-04B

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

File Name:	8081715	Date of Collection:	8/10/06
Dil. Factor:	1.38	Date of Analysis:	8/17/06 08:48 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	121	70-130

CRS
10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0608318A-05A

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

File Name:	[illegible]	Date of Collection: [illegible]
Dil. Factor:	[illegible]	Date of Analysis: [illegible]

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	0.92	Not Detected	2.4	Not Detected
Bromomethane	0.92	Not Detected	3.6	Not Detected
Chloroethane	0.92	Not Detected	2.4	Not Detected
1,1-Dichloroethene	0.92	0.93	3.7	3.7
Methylene Chloride	0.92	4.2	3.2	15
1,1-Dichloroethane	0.92	0.39 J	3.7	1.6 J
cis-1,2-Dichloroethene	0.92	1.3	3.7	5.0
Chloroform	0.92	1.1	4.5	5.6
1,1,1-Trichloroethane	0.92	3.8	5.0	20
Carbon Tetrachloride	0.92	Not Detected	5.8	Not Detected
Benzene	0.92	5.3	3.0	17
1,2-Dichloroethane	0.92	0.69 J	3.7	2.8 J
Trichloroethene	0.92	13	5.0	69
1,2-Dichloropropane	0.92	Not Detected	4.3	Not Detected
cis-1,3-Dichloropropene	0.92	Not Detected	4.2	Not Detected
Toluene	0.92	180	3.5	670
trans-1,3-Dichloropropene	0.92	Not Detected	4.2	Not Detected
1,1,2-Trichloroethane	0.92	Not Detected	5.0	Not Detected
Tetrachloroethene	0.92	56	6.3	380
Chlorobenzene	0.92	Not Detected	4.2	Not Detected
Ethyl Benzene	0.92	68	4.0	300
m,p-Xylene	0.92	340	4.0	1500
o-Xylene	0.92	170	4.0	740
Styrene	0.92	Not Detected	3.9	Not Detected
1,1,2,2-Tetrachloroethane	0.92	Not Detected	6.4	Not Detected
Bromodichloromethane	0.92	Not Detected	6.2	Not Detected
Dibromochloromethane	0.92	Not Detected	7.9	Not Detected
Chloromethane	3.7	1.4 J	7.6	2.8 J
Acetone	3.7	21	8.8	49
Carbon Disulfide	3.7	1.3 J	12	4.0 J
trans-1,2-Dichloroethene	3.7	Not Detected	15	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.7	5.9	11	17
4-Methyl-2-pentanone	3.7	7.3	15	30
2-Hexanone	3.7	0.93 J	15	3.8 J
Bromoform	3.7	Not Detected	38	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

CRS 10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0608318A-05A

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

File Name:	8081718	Date of Collection:	6/10/06
Dil. Factor:	1.85	Date of Analysis:	8/17/06 08:18 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	118	70-130

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10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0608318A-06A

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

File Name:	8081717	Date of Collection:	6/10/06
Dil. Factor:	544	Date of Analysis:	6/17/06 09:53 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	270	190 J	700	480 J
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	Not Detected	720	Not Detected
1,1-Dichloroethene	270	450	1100	1800
Methylene Chloride	270	33000	940	120000
1,1-Dichloroethane	270	3800	1100	16000
cis-1,2-Dichloroethene	270	2000	1100	8100
Chloroform	270	2300	1300	11000
1,1,1-Trichloroethane	270	31000	1500	170000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	15000	870	47000
1,2-Dichloroethane	270	1000	1100	4000
Trichloroethene	270	18000	1500	98000
1,2-Dichloropropane	270	230 J	1200	1100 J
cis-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
Toluene	270	110000 E	1000	410000 E
trans-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	270	Not Detected	1500	Not Detected
Tetrachloroethene	270	27000	1800	180000
Chlorobenzene	270	Not Detected	1200	Not Detected
Ethyl Benzene	270	13000	1200	58000
m,p-Xylene	270	55000	1200	240000
o-Xylene	270	23000	1200	100000
Styrene	270	Not Detected	1200	Not Detected
1,1,2,2-Tetrachloroethane	270	Not Detected	1900	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	16000	2600	37000
Carbon Disulfide	1100	Not Detected	3400	Not Detected
trans-1,2-Dichloroethene	1100	Not Detected	4300	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	11000	3200	33000
4-Methyl-2-pentanone	1100	5900	4400	24000
2-Hexanone	1100	Not Detected	4400	Not Detected
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.
E = Exceeds instrument calibration range.
Container Type: 6 Liter Summa Canister

CRS 10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0608318A-06A

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

File Name:	[illegible]	Date of Collection:	[illegible]
Dil. Factor:	[illegible]	Date of Analysis:	[illegible]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	113	70-130

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10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 7 TOX 2 INF DUP

Lab ID#: 0608318A-07A

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

File Name:	0081720	Date of Collection: 8/10/06
Dil. Factor:	544	Date of Analysis: 8/17/06 11:30 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	270	230 J /J	700	600 J
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	120 J /J	720	320 J
1,1-Dichloroethene	270	500	1100	2000
Methylene Chloride	270	32000	940	110000
1,1-Dichloroethane	270	3600	1100	15000
cis-1,2-Dichloroethene	270	2000	1100	8000
Chloroform	270	2200	1300	11000
1,1,1-Trichloroethane	270	30000	1500	170000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	14000	870	46000
1,2-Dichloroethane	270	1000	1100	4200
Trichloroethene	270	17000	1500	93000
1,2-Dichloropropane	270	230 J /J	1200	1100 J
cis-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
Toluene	270	100000	1000	400000
trans-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	270	Not Detected	1500	Not Detected
Tetrachloroethene	270	27000	1800	180000
Chlorobenzene	270	Not Detected	1200	Not Detected
Ethyl Benzene	270	13000	1200	56000
m,p-Xylene	270	54000	1200	240000
o-Xylene	270	22000	1200	95000
Styrene	270	Not Detected /R	1200	Not Detected
1,1,2,2-Tetrachloroethane	270	Not Detected	1900	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	15000	2600	36000
Carbon Disulfide	1100	Not Detected	3400	Not Detected
trans-1,2-Dichloroethene	1100	Not Detected	4300	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	10000	3200	30000
4-Methyl-2-pentanone	1100	5500	4400	22000
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

CMS 10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 7 TOX 2 INF DUP

Lab ID#: 0608318A-07A

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

File Name:	8081720	Date of Collection:	8/10/06
Dil. Factor:	544	Date of Analysis:	8/17/06 11:38 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	115	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	116	70-130

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10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX 2 EFF

Lab ID#: 0608318A-08A

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

File Name:	A0814.D	Date of Collection: 8/10/06
Dil. Factor:	1.3	Date of Analysis: 8/14/06 07:42 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	7.0	33	18	84
Bromomethane	7.0	Not Detected	27	Not Detected
Chloroethane	7.0	Not Detected	18	Not Detected
1,1-Dichloroethene	7.0	170	28	660
Methylene Chloride	7.0	820	24	2800
1,1-Dichloroethane	7.0	81	28	330
cis-1,2-Dichloroethene	7.0	66	28	260
Chloroform	7.0	51	34	250
1,1,1-Trichloroethane	7.0	650	38	3500
Carbon Tetrachloride	7.0	Not Detected	44	Not Detected
Benzene	7.0	490	22	1600
1,2-Dichloroethane	7.0	24	28	96
Trichloroethene	7.0	430	37	2300
1,2-Dichloropropane	7.0	5.9 J /J	32	27 J
cis-1,3-Dichloropropene	7.0	Not Detected	32	Not Detected
Toluene	7.0	1900	26	7000
trans-1,3-Dichloropropene	7.0	Not Detected	32	Not Detected
1,1,2-Trichloroethane	7.0	Not Detected	38	Not Detected
Tetrachloroethene	7.0	680	47	4600
Chlorobenzene	7.0	2.5 J /J	32	11 J
Ethyl Benzene	7.0	180	30	770
m,p-Xylene	7.0	610	30	2600
o-Xylene	7.0	260	30	1100
Styrene	7.0	58 /J	30	250
1,1,2,2-Tetrachloroethane	7.0	2.8 J /J	48	19 J
Bromodichloromethane	7.0	Not Detected	46	Not Detected
Dibromochloromethane	7.0	Not Detected	59	Not Detected
Chloromethane	28	21 J /J	57	44 J
Acetone	28	590	66	1400
Carbon Disulfide	28	Not Detected	86	Not Detected
trans-1,2-Dichloroethene	28	7.8 J /J	110	31 J
2-Butanone (Methyl Ethyl Ketone)	28	190	82	570
4-Methyl-2-pentanone	28	58	110	240
2-Hexanone	28	Not Detected	110	Not Detected
Bromoform	28	Not Detected	290	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

CRS 10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX 2 EFF

Lab ID#: 0608318A-08A

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

File Name:	8081810	Date of Collection:	8/10/06
Dil. Factor:	13.9	Date of Analysis:	8/18/06 07:42 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	114	70-130

CRS
10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0608318B-01A

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

File Name: 0091108		Date of Collection: 8/19/06
Dil. Factor: 1.00		Date of Analysis: 8/21/06 10:57 AM
		Date of Extraction: 8/14/06

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	2.2
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	1.3
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	Not Detected
Naphthalene	1.0	2.1
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	0.48 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

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OPS 10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0608318B-01A

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

File Name:	[illegible]	Date of Collection: [illegible]
Dil Factor:	1.04	Date of Analysis: [illegible]
		Date of Extraction: [illegible]

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	24
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	67	50-150
Phenol-d5	76	50-150
Nitrobenzene-d5	79	50-150
2,4,6-Tribromophenol	64	50-150
Fluorene-d10	77	60-120
Pyrene-d10	81	60-120

CRS
10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE Duplicate

Lab ID#: 0608318B-01AA

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

File Name:	p081707	Date of Collection: 8/10/06
Dil. Factor:	1.00	Date of Analysis: 8/17/06 11:27 AM
		Date of Extraction: 8/14/06

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	2.2
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	1.3
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	Not Detected
Naphthalene	1.0	1.9
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	0.47 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	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

CRS 10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE Duplicate

Lab ID#: 0608318B-01AA

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

File Name:	[illegible]	Date of Collection: [illegible]
Dil. Factor:	1.00	Date of Analysis: [illegible]
		Date of Extraction: [illegible]

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	24
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	66	50-150
Phenol-d5	77	50-150
Nitrobenzene-d5	78	50-150
2,4,6-Tribromophenol	63	50-150
Fluorene-d10	80	60-120
Pyrene-d10	81	60-120

CBS 10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0608318B-02A

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

File Name:	0081208	Date of Collection: [illegible]
DF Factor:	1.00	Date of Analysis: [illegible]
		Date of Extraction: [illegible]

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	1.2
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	0.54 J
1,4-Dichlorobenzene	1.0	1.4
1,2-Dichlorobenzene	1.0	8.1
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	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	1.1
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	1.2
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

B

OBS 10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0608318B-02A

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

File Name: p081702		Date of Collection: 8/18/06
Dil. Factor: 1.00		Date of Analysis: 8/17/06 11:57 AM
		Date of Extraction: 8/14/06

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	17
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	69	50-150
Phenol-d5	77	50-150
Nitrobenzene-d5	77	50-150
2,4,6-Tribromophenol	59	50-150
Fluorene-d10	74	60-120
Pyrene-d10	80	60-120

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0608318B-03A

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

File Name:	p081709	Date of Collection: 8/10/06
Dil. Factor:	1.00	Date of Analysis: 8/17/06 12:27 PM
		Date of Extraction: 8/14/06

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

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10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0608318B-03A

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

File Name:	0081209	Date of Collection: [illegible]
Dil. Factor:	1.00	Date of Analysis: [illegible]
		Date of Extraction: [illegible]

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
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	62	50-150
Phenol-d5	74	50-150
Nitrobenzene-d5	69	50-150
2,4,6-Tribromophenol	61	50-150
Fluorene-d10	72	60-120
Pyrene-d10	77	60-120

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10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX 1 INF DUP

Lab ID#: 0608318B-04A

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

File Name:	p081710	Date of Collection: 8/10/06
Dil. Factor:	1.00	Date of Analysis: 8/17/06 12:57 PM
		Date of Extraction: 8/14/06

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

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX 1 INF DUP

Lab ID#: 0608318B-04A

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

File Name:	p061710	Date of Collection: [illegible]
Dil. Factor:	1.00	Date of Analysis: [illegible]
		Date of Extraction: [illegible]

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	9.7
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	64	50-150
Phenol-d5	75	50-150
Nitrobenzene-d5	72	50-150
2,4,6-Tribromophenol	61	50-150
Fluorene-d10	72	60-120
Pyrene-d10	79	60-120

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0608318B-05A

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

File Name:	p081711	Date of Collection: 8/10/06
Dil. Factor:	1.00	Date of Analysis: 8/17/06 01:27 PM
		Date of Extraction: 8/14/06

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

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0608318B-05A

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

File Name:	p083171	Date of Collection: 8/10/06
Dil. Factor:	1.00	Date of Analysis: 8/18/06 11:27 PM
		Date of Extraction: 8/14/06

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	60	50-150
Phenol-d5	72	50-150
Nitrobenzene-d5	74	50-150
2,4,6-Tribromophenol	57	50-150
Fluorene-d10	75	60-120
Pyrene-d10	76	60-120

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0608318B-06A

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

File Name: p081212
Dil. Factor: 4.00

Date of Collection: 8/18/06
Date of Analysis: 8/12/06 11:57 PM
Date of Extraction: 8/18/06

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

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0608318B-06A

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

File Name:	p081712	Date of Collection:	8/10/06
Dil. Factor:	1.00	Date of Analysis:	8/17/06 01:57 PM
		Date of Extraction:	8/14/06

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	21
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	62	50-150
Phenol-d5	73	50-150
Nitrobenzene-d5	72	50-150
2,4,6-Tribromophenol	58	50-150
Fluorene-d10	71	60-120
Pyrene-d10	77	60-120

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10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 7 TOX 2 INF DUP

Lab ID#: 0608318B-07A

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

File Name:	b081742	Date of Collection: 8/16/06
Dil. Factor:	1.00	Date of Analysis: 8/17/06 02:24 PM
		Date of Extraction: 8/14/06

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

10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 7 TOX 2 INF DUP

Lab ID#: 0608318B-07A

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

File Name:	p081713	Date of Collection: 8/10/06
Dil. Factor:	1.00	Date of Analysis: 8/17/06 02:28 PM
		Date of Extraction: 8/14/06

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	32
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	62	50-150
Phenol-d5	74	50-150
Nitrobenzene-d5	73	50-150
2,4,6-Tribromophenol	62	50-150
Fluorene-d10	80	60-120
Pyrene-d10	81	60-120

CMS 10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX 2 EFF

Lab ID#: 0608318B-08A

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

File Name: 0081714 Date of Collection: 8/10/06
Dil. Factor: 1.00 Date of Analysis: 8/17/06 17:50 PM
Date of Extraction: 8/14/06

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 10/3/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX 2 EFF

Lab ID#: 0608318B-08A

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

File Name:	p081714	Date of Collection: [illegible]
Dil. Factor:	1.00	Date of Analysis: [illegible]
		Date of Extraction: [illegible]

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	2.8
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	63	50-150
Phenol-d5	76	50-150
Nitrobenzene-d5	75	50-150
2,4,6-Tribromophenol	62	50-150
Fluorene-d10	78	60-120
Pyrene-d10	82	60-120

CRS
10/3/06

September 19, 2006 Off-Gas Sample Laboratory Results

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0609413A-01A

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

File Name:	5092816	Date of Collection:	9/19/06
Dil. Factor:	1070	Date of Analysis:	9/28/06 07:02 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	540	Not Detected	1400	Not Detected
Bromomethane	540	Not Detected	2100	Not Detected
Chloroethane	540	Not Detected	1400	Not Detected
1,1-Dichloroethene	540	280 J /J	2100	1100 J
Methylene Chloride	540	31000	1800	110000
1,1-Dichloroethane	540	3400	2200	14000
cis-1,2-Dichloroethene	540	2000	2100	7800
Chloroform	540	2100	2600	10000
1,1,1-Trichloroethane	540	29000	2900	160000
Carbon Tetrachloride	540	Not Detected	3400	Not Detected
Benzene	540	14000	1700	46000
1,2-Dichloroethane	540	840	2200	3400
Trichloroethene	540	19000	2900	100000
1,2-Dichloropropane	540	310 J /J	2500	1400 J
cis-1,3-Dichloropropene	540	Not Detected /R	2400	Not Detected
Toluene	540	120000	2000	460000
trans-1,3-Dichloropropene	540	Not Detected	2400	Not Detected
1,1,2-Trichloroethane	540	Not Detected	2900	Not Detected
Tetrachloroethene	540	19000	3600	130000
Chlorobenzene	540	Not Detected	2500	Not Detected
Ethyl Benzene	540	8800	2300	38000
m,p-Xylene	540	37000	2300	160000
o-Xylene	540	12000	2300	52000
Styrene	540	Not Detected	2300	Not Detected
1,1,2,2-Tetrachloroethane	540	Not Detected	3700	Not Detected
Bromodichloromethane	540	Not Detected	3600	Not Detected
Dibromochloromethane	540	Not Detected	4600	Not Detected
Chloromethane	2100	Not Detected	4400	Not Detected
Acetone	2100	33000	5100	79000
Carbon Disulfide	2100	Not Detected	6700	Not Detected
trans-1,2-Dichloroethene	2100	Not Detected	8500	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2100	32000	6300	94000
4-Methyl-2-pentanone	2100	7800	8800	32000
2-Hexanone	2100	230 J /J	8800	940 J
Bromoform	2100	Not Detected	22000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

CRS
10/13/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0609413A-01A

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

File Name:	5092816	Date of Collection:	[illegible]
Dil. Factor:	1070	Date of Analysis:	[illegible]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	86	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	101	70-130

CRS
10/13/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0609413A-01B

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

File Name:	5092810		Date of Collection:	9/19/06
Dil. Factor:	536		Date of Analysis:	9/25/06 01:42 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	270	150 J /J	680	380 J
Bromomethane	270	Not Detected	1000	Not Detected
Chloroethane	270	Not Detected	710	Not Detected
1,1-Dichloroethene	270	340	1100	1300
Methylene Chloride	270	32000	930	110000
1,1-Dichloroethane	270	3600	1100	15000
cis-1,2-Dichloroethene	270	2200	1100	8700
Chloroform	270	2100	1300	10000
1,1,1-Trichloroethane	270	30000	1500	170000
Carbon Tetrachloride	270	Not Detected	1700	Not Detected
Benzene	270	18000	860	57000
1,2-Dichloroethane	270	980	1100	4000
Trichloroethene	270	21000	1400	110000
1,2-Dichloropropane	270	250 J /J	1200	1200
cis-1,3-Dichloropropene	270	Not Detected /R	1200	Not Detected
Toluene	270	150000 E	1000	570000 E
trans-1,3-Dichloropropene	270	Not Detected	1200	Not Detected
1,1,2-Trichloroethane	270	Not Detected	1500	Not Detected
Tetrachloroethene	270	31000	1800	210000
Chlorobenzene	270	92 J /J	1200	420 J
Ethyl Benzene	270	19000	1200	83000
m,p-Xylene	270	86000	1200	370000
o-Xylene	270	30000	1200	130000
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	35000	2500	83000
Carbon Disulfide	1100	Not Detected	3300	Not Detected
trans-1,2-Dichloroethene	1100	Not Detected	4200	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1100	38000	3200	110000
4-Methyl-2-pentanone	1100	11000	4400	47000
2-Hexanone	1100	400 J /J	4400	1600 J
Bromoform	1100	Not Detected	11000	Not Detected

J = Estimated value.
E = Exceeds instrument calibration range.
Container Type: 6 Liter Summa Canister

ORS
10/13/06

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0609413A-01B

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

File Name:	5092610	Date of Collection:	4/19/06
Dil Factor:	5.36	Date of Analysis:	4/26/06 01:44 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	85	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	104	70-130

ORS
10/13/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0609413A-02A

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

File Name:	5092811	Date of Collection:	9/19/06
Dil. Factor:	383	Date of Analysis:	9/28/06 02:56 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	190	3500	490	9000
Bromomethane	190	Not Detected	740	Not Detected
Chloroethane	190	140 J	500	370 J
1,1-Dichloroethene	190	300	760	1200
Methylene Chloride	190	3200	660	11000
1,1-Dichloroethane	190	1600	780	6500
cis-1,2-Dichloroethene	190	12000	760	49000
Chloroform	190	5100	940	25000
1,1,1-Trichloroethane	190	11000	1000	63000
Carbon Tetrachloride	190	Not Detected	1200	Not Detected
Benzene	190	4800	610	15000
1,2-Dichloroethane	190	250	780	1000
Trichloroethene	190	14000	1000	75000
1,2-Dichloropropane	190	270	880	1200
cis-1,3-Dichloropropene	190	Not Detected	870	Not Detected
Toluene	190	59000	720	220000
trans-1,3-Dichloropropene	190	Not Detected	870	Not Detected
1,1,2-Trichloroethane	190	Not Detected	1000	Not Detected
Tetrachloroethene	190	32000	1300	220000
Chlorobenzene	190	90 J	880	410 J
Ethyl Benzene	190	10000	830	45000
m,p-Xylene	190	45000	830	200000
o-Xylene	190	18000	830	77000
Styrene	190	Not Detected	820	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	770	Not Detected	1600	Not Detected
Acetone	770	970	1800	2300
Carbon Disulfide	770	Not Detected	2400	Not Detected
trans-1,2-Dichloroethene	770	130 J	3000	500 J
2-Butanone (Methyl Ethyl Ketone)	770	690 J	2200	2000 J
4-Methyl-2-pentanone	770	1100	3100	4400
2-Hexanone	770	Not Detected	3100	Not Detected
Bromoform	770	Not Detected	7900	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

ORS 10/13/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0609413A-02A

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

File Name:	6092811	Date of Collection:	9/19/06
Dil. Factor:	383	Date of Analysis:	9/28/06 02:56 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	82	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	102	70-130

CRS
10/13/06

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0609413A-03A

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

File Name:	5092812	Date of Collection: 9/19/06
Dil. Factor:	447	Date of Analysis: 9/28/06 1:21 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	220	3900	570	9900
Bromomethane	220	Not Detected	870	Not Detected
Chloroethane	220	130 J 15	590	350 J
1,1-Dichloroethene	220	400	890	1600
Methylene Chloride	220	3800	780	13000
1,1-Dichloroethane	220	2100	900	8500
cis-1,2-Dichloroethene	220	15000	890	59000
Chloroform	220	6200	1100	30000
1,1,1-Trichloroethane	220	14000	1200	77000
Carbon Tetrachloride	220	Not Detected	1400	Not Detected
Benzene	220	5500	710	18000
1,2-Dichloroethane	220	300	900	1200
Trichloroethene	220	17000	1200	91000
1,2-Dichloropropane	220	320	1000	1500
cis-1,3-Dichloropropene	220	Not Detected 1R	1000	Not Detected
Toluene	220	68000	840	260000
trans-1,3-Dichloropropene	220	Not Detected	1000	Not Detected
1,1,2-Trichloroethane	220	Not Detected	1200	Not Detected
Tetrachloroethene	220	38000	1500	250000
Chlorobenzene	220	72 J 15	1000	330 J
Ethyl Benzene	220	12000	970	53000
m,p-Xylene	220	51000	970	220000
o-Xylene	220	21000	970	93000
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	920	2100	2200
Carbon Disulfide	890	Not Detected	2800	Not Detected
trans-1,2-Dichloroethene	890	240 J 15	3500	950 J
2-Butanone (Methyl Ethyl Ketone)	890	840 J 15	2600	2500 J
4-Methyl-2-pentanone	890	1200	3700	5000
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

CRS 10/13/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0609413A-03A

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

File Name: [illegible]	[illegible]	Date of Collection: [illegible]
DF: [illegible]	[illegible]	Date of Analysis: [illegible]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	91	70-130
4-Bromofluorobenzene	100	70-130

CPS
10/13/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0609413A-04A

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

File Name:	5092811	Date of Collection:	9/19/06
Dil. Factor:	5.36	Date of Analysis:	9/28/06 03:47 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	2.7	94	6.8	240
Bromomethane	2.7	1.4 J /5	10	5.4 J
Chloroethane	2.7	Not Detected	7.1	Not Detected
1,1-Dichloroethene	2.7	170	11	670
Methylene Chloride	2.7	52	9.3	180
1,1-Dichloroethane	2.7	3.2	11	13
cis-1,2-Dichloroethene	2.7	120	11	470
Chloroform	2.7	19	13	93
1,1,1-Trichloroethane	2.7	22	15	120
Carbon Tetrachloride	2.7	Not Detected	17	Not Detected
Benzene	2.7	240	8.6	760
1,2-Dichloroethane	2.7	1.8 J /5	11	7.4 J
Trichloroethene	2.7	220	14	1200
1,2-Dichloropropane	2.7	1.1 J /5	12	5.1 J
cis-1,3-Dichloropropene	2.7	1.0 J /5	12	4.6 J
Toluene	2.7	500	10	1900
trans-1,3-Dichloropropene	2.7	0.81 J /5	12	3.7 J
1,1,2-Trichloroethane	2.7	Not Detected	15	Not Detected
Tetrachloroethene	2.7	700	18	4800
Chlorobenzene	2.7	10	12	46
Ethyl Benzene	2.7	160	12	680
m,p-Xylene	2.7	740	12	3200
o-Xylene	2.7	330	12	1400
Styrene	2.7	60	11	250
1,1,2,2-Tetrachloroethane	2.7	Not Detected	18	Not Detected
Bromodichloromethane	2.7	Not Detected	18	Not Detected
Dibromochloromethane	2.7	Not Detected	23	Not Detected
Chloromethane	11	39	22	81
Acetone	11	35	25	84
Carbon Disulfide	11	3.6 J /5	33	11 J
trans-1,2-Dichloroethene	11	64	42	250
2-Butanone (Methyl Ethyl Ketone)	11	6.3 J /5	32	19 J
4-Methyl-2-pentanone	11	8.2 J /5	44	34 J
2-Hexanone	11	0.98 J /5	44	4.0 J
Bromoform	11	Not Detected	110	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

CRS 10/13/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0609413A-04A

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

File Name:	5092813	Date of Collection:	9/18/06
Dil. Factor:	5.36	Date of Analysis:	9/28/06 03:47 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	84	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	104	70-130

CRS
10/13/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0609413A-05A

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

File Name:	5092817	Date of Collection: 9/19/06
Dil. Factor:	1070	Date of Analysis: 9/28/06 07:35 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	540	Not Detected	1400	Not Detected
Bromomethane	540	Not Detected	2100	Not Detected
Chloroethane	540	Not Detected	1400	Not Detected
1,1-Dichloroethene	540	190 J 15	2100	760 J
Methylene Chloride	540	26000	1800	92000
1,1-Dichloroethane	540	3100	2200	12000
cis-1,2-Dichloroethene	540	1900	2100	7400
Chloroform	540	1600	2600	8000
1,1,1-Trichloroethane	540	24000	2900	130000
Carbon Tetrachloride	540	Not Detected	3400	Not Detected
Benzene	540	13000	1700	41000
1,2-Dichloroethane	540	800	2200	3200
Trichloroethene	540	16000	2900	87000
1,2-Dichloropropane	540	200 J 15	2500	940 J
cis-1,3-Dichloropropene	540	Not Detected 1R	2400	Not Detected
Toluene	540	110000	2000	400000
trans-1,3-Dichloropropene	540	Not Detected	2400	Not Detected
1,1,2-Trichloroethane	540	Not Detected	2900	Not Detected
Tetrachloroethene	540	16000	3600	100000
Chlorobenzene	540	Not Detected	2500	Not Detected
Ethyl Benzene	540	6900	2300	30000
m,p-Xylene	540	29000	2300	130000
o-Xylene	540	8900	2300	39000
Styrene	540	Not Detected	2300	Not Detected
1,1,2,2-Tetrachloroethane	540	Not Detected	3700	Not Detected
Bromodichloromethane	540	Not Detected	3600	Not Detected
Dibromochloromethane	540	Not Detected	4600	Not Detected
Chloromethane	2100	Not Detected	4400	Not Detected
Acetone	2100	34000	5100	81000
Carbon Disulfide	2100	Not Detected	6700	Not Detected
trans-1,2-Dichloroethene	2100	Not Detected	8500	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2100	26000	6300	77000
4-Methyl-2-pentanone	2100	6700	8800	27000
2-Hexanone	2100	200 J 15	8800	810 J
Bromoform	2100	Not Detected	22000	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

ers 10/13/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0609413A-05A

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

File Name:	5092817	Date of Collection:	[illegible]
Dil. Factor:	1070	Date of Analysis:	[illegible]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	87	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	101	70-130

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF Duplicate

Lab ID#: 0609413A-05AA

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

File Name:	5092818	Date of Collection: 9/19/06
Dil Factor:	1070	Date of Analysis: 9/28/06 08:39 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	540	Not Detected	1400	Not Detected
Bromomethane	540	Not Detected	2100	Not Detected
Chloroethane	540	Not Detected	1400	Not Detected
1,1-Dichloroethene	540	170 J	2100	680 J
Methylene Chloride	540	24000	1800	85000
1,1-Dichloroethane	540	3000	2200	12000
cis-1,2-Dichloroethene	540	1800	2100	7200
Chloroform	540	1500	2600	7200
1,1,1-Trichloroethane	540	23000	2900	120000
Carbon Tetrachloride	540	Not Detected	3400	Not Detected
Benzene	540	12000	1700	38000
1,2-Dichloroethane	540	600	2200	2400
Trichloroethene	540	15000	2900	81000
1,2-Dichloropropane	540	250 J	2500	1100 J
cis-1,3-Dichloropropene	540	Not Detected	2400	Not Detected
Toluene	540	98000	2000	370000
trans-1,3-Dichloropropene	540	Not Detected	2400	Not Detected
1,1,2-Trichloroethane	540	Not Detected	2900	Not Detected
Tetrachloroethene	540	14000	3600	95000
Chlorobenzene	540	Not Detected	2500	Not Detected
Ethyl Benzene	540	6500	2300	28000
m,p-Xylene	540	27000	2300	120000
o-Xylene	540	8100	2300	35000
Styrene	540	Not Detected	2300	Not Detected
1,1,2,2-Tetrachloroethane	540	Not Detected	3700	Not Detected
Bromodichloromethane	540	Not Detected	3600	Not Detected
Dibromochloromethane	540	Not Detected	4600	Not Detected
Chloromethane	2100	Not Detected	4400	Not Detected
Acetone	2100	33000	5100	78000
Carbon Disulfide	2100	Not Detected	6700	Not Detected
trans-1,2-Dichloroethene	2100	Not Detected	8500	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2100	26000	6300	77000
4-Methyl-2-pentanone	2100	6400	8800	26000
2-Hexanone	2100	Not Detected	8800	Not Detected
Bromoform	2100	Not Detected	22000	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 Duplicate

Lab ID#: 0609413A-05AA

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

File Name:	509.D18	Date of Collection:	9/18/06
Dil. Factor:	10.0	Date of Analysis:	9/20/06 08:39 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	85	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	99	70-130

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0609413A-05B

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

File Name:	5092814	Date of Collection: 9/19/06
Dil Factor:	383	Date of Analysis: 9/28/06 04:12 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	190	150 J /5	490	390 J
Bromomethane	190	Not Detected	740	Not Detected
Chloroethane	190	Not Detected	500	Not Detected
1,1-Dichloroethene	190	260	760	1000
Methylene Chloride	190	27000	660	95000
1,1-Dichloroethane	190	3300	780	13000
cis-1,2-Dichloroethene	190	2200	760	8600
Chloroform	190	1900	940	9100
1,1,1-Trichloroethane	190	28000	1000	150000
Carbon Tetrachloride	190	Not Detected	1200	Not Detected
Benzene	190	15000	610	47000
1,2-Dichloroethane	190	950	780	3900
Trichloroethene	190	18000	1000	97000
1,2-Dichloropropane	190	210	880	970
cis-1,3-Dichloropropene	190	Not Detected /R	870	Not Detected
Toluene	190	110000 E	720	410000 E
trans-1,3-Dichloropropene	190	Not Detected	870	Not Detected
1,1,2-Trichloroethane	190	170 J /5	1000	920 J
Tetrachloroethene	190	25000	1300	170000
Chlorobenzene	190	94 J /5	880	430 J
Ethyl Benzene	190	15000	830	65000
m,p-Xylene	190	64000	830	280000
o-Xylene	190	22000	830	95000
Styrene	190	Not Detected	820	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	770	Not Detected	1600	Not Detected
Acetone	770	37000	1800	88000
Carbon Disulfide	770	Not Detected	2400	Not Detected
trans-1,2-Dichloroethene	770	Not Detected	3000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	770	33000	2200	98000
4-Methyl-2-pentanone	770	10000	3100	41000
2-Hexanone	770	310 J /5	3100	1300 J
Bromoform	770	Not Detected	7900	Not Detected

J = Estimated value.
E = Exceeds instrument calibration range.
Container Type: 6 Liter Summa Canister

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0609413A-05B

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

File Name:	[illegible]	Date of Collection: [illegible]	
Dil. Factor:	[illegible]	Date of Analysis: [illegible]	

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	84	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	102	70-130

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10/13/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX 2 EFF

Lab ID#: 0609413A-07A

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

File Name:	5092815	Date of Collection: 9/19/06
Dil. Factor:	28.6	Date of Analysis: 9/28/06 05:15 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Vinyl Chloride	13	31	34	80
Bromomethane	13	Not Detected	52	Not Detected
Chloroethane	13	Not Detected	35	Not Detected
1,1-Dichloroethene	13	140	53	570
Methylene Chloride	13	720	46	2500
1,1-Dichloroethane	13	76	54	310
cis-1,2-Dichloroethene	13	93	53	370
Chloroform	13	53	65	260
1,1,1-Trichloroethane	13	650	73	3600
Carbon Tetrachloride	13	Not Detected	84	Not Detected
Benzene	13	590	43	1900
1,2-Dichloroethane	13	22	54	91
Trichloroethene	13	510	72	2700
1,2-Dichloropropane	13	5.4 J /J	62	25 J
cis-1,3-Dichloropropene	13	Not Detected /R	61	Not Detected
Toluene	13	3300	50	12000
trans-1,3-Dichloropropene	13	Not Detected	61	Not Detected
1,1,2-Trichloroethane	13	Not Detected	73	Not Detected
Tetrachloroethene	13	830	91	5600
Chlorobenzene	13	5.9 J /J	62	27 J
Ethyl Benzene	13	290	58	1300
m,p-Xylene	13	1200	58	5200
o-Xylene	13	430	58	1900
Styrene	13	60	57	260
1,1,2,2-Tetrachloroethane	13	Not Detected	92	Not Detected
Bromodichloromethane	13	Not Detected	90	Not Detected
Dibromochloromethane	13	Not Detected	110	Not Detected
Chloromethane	54	Not Detected	110	Not Detected
Acetone	54	880	130	2100
Carbon Disulfide	54	Not Detected	170	Not Detected
trans-1,2-Dichloroethene	54	9.2 J /J	210	36 J
2-Butanone (Methyl Ethyl Ketone)	54	580	160	1700
4-Methyl-2-pentanone	54	130	220	520
2-Hexanone	54	5.1 J /J	220	21 J
Bromoform	54	Not Detected	550	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#: 0609413A-07A

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

File Name:	5092815	Date of Collection:	9/14/06
Dil. Factor:	26.9	Date of Analysis:	9/28/06 05:46 PM

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	86	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE

Lab ID#: 0609413B-01A

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

File Name: b092615		Date of Collection: 9/13/06
Dil. Factor: 4.00		Date of Analysis: 9/26/06 04:54 PM
		Date of Extraction: 9/21/06

Compound	Min. Det. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	8.2
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	4.0
1,4-Dichlorobenzene	1.0	12
1,2-Dichlorobenzene	1.0	110
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	68
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	3.5 J
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	6.8
Naphthalene	1.0	120
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	10
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	28
Hexachlorocyclopentadiene	20	10 J
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	7.0 J
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	0.98 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: 1 OFFSITE ISVE

Lab ID#: 0609413B-01A

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

File Name:	p092615	Date of Collection: 9/19/06
Dil Factor:	1.00	Date of Analysis: 09/26/06 04:54 PM
		Date of Extraction: 9/27/06

Compound	Min. Det. 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	0.86 J
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	9.4
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	64	50-150
Phenol-d5	84	50-150
Nitrobenzene-d5	115	50-150
2,4,6-Tribromophenol	59	50-150
Fluorene-d10	81	60-120
Pyrene-d10	76	60-120

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10/13/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 1 OFFSITE ISVE Duplicate

Lab ID#: 0609413B-01AA

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

File Name:	g092616	Date of Collection: 9/19/06
Dil. Factor:	1.00	Date of Analysis: 9/26/06 05:24 PM
		Date of Extraction: 9/21/06

Compound	Min. Det. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	8.8
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	3.8
1,4-Dichlorobenzene	1.0	13
1,2-Dichlorobenzene	1.0	110
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	65
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	3.7 J 15
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	6.7
Naphthalene	1.0	120
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	11
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	28
Hexachlorocyclopentadiene	20	10 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	6.8 J 15
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	1.0 J 15
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: 1 OFFSITE ISVE Duplicate

Lab ID#: 0609413B-01AA

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

File Name:	p092618	Date of Collection: 9/19/06
Dil. Factor:	1.00	Date of Analysis: 9/26/06 15:24PM
		Date of Extraction: 9/21/06

Compound	Min. Det. 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	9.6
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	83	50-150
Nitrobenzene-d5	112	50-150
2,4,6-Tribromophenol	57	50-150
Fluorene-d10	76	60-120
Pyrene-d10	77	60-120

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0609413B-02A

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

File Name:	n092647	Date of Collection:	9/19/06
Dil Factor:	1.00	Date of Analysis:	9/26/06 05:54 PM
		Date of Extraction:	9/21/06

Compound	Min. Det. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	3.7
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	5.3
1,4-Dichlorobenzene	1.0	11
1,2-Dichlorobenzene	1.0	49
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	8.7
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	7.8
Naphthalene	1.0	23
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	12
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

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 2 SBPA ISVE

Lab ID#: 0609413B-02A

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

File Name:	[illegible]	Date of Collection: [illegible]
Dil Factor:	1.00	Date of Analysis: [illegible]
		Date of Extraction: 9/21/06

Compound	Min. Det. 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	1.1 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	4.6 J 13
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	65	50-150
Phenol-d5	76	50-150
Nitrobenzene-d5	79	50-150
2,4,6-Tribromophenol	54	50-150
Fluorene-d10	80	60-120
Pyrene-d10	75	60-120

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10/13/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 3 TOX 1 INF

Lab ID#: 0609413B-03A

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

File Name:	p092618	Date of Collection: 9/19/06	
Dil. Factor:	1.00	Date of Analysis: 9/26/06 06:24 PM	
		Date of Extraction: N/A	

Compound	Min. Det. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	4.3
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	6.1
1,4-Dichlorobenzene	1.0	14
1,2-Dichlorobenzene	1.0	60
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	7.5
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	9.2
Naphthalene	1.0	26
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	14
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	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: 3 TOX 1 INF

Lab ID#: 0609413B-03A

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

File Name:	b092613	Date of Collection: 9/19/06
Dil Factor:	1.00	Date of Analysis: 9/26/06 10:24 PM
		Date of Extraction: 9/22/06

Compound	Min. Det. 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	8.3
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	64	50-150
Phenol-d5	73	50-150
Nitrobenzene-d5	86	50-150
2,4,6-Tribromophenol	55	50-150
Fluorene-d10	81	60-120
Pyrene-d10	76	60-120

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10/13/06

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 4 TOX 1 INF DUP

Lab ID#: 0609413B-04A

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

File Name:	p092619	Date of Collection: 9/19/06
Dil. Factor:	1.00	Date of Analysis: 9/26/06 06:54 PM
		Date of Extraction: 9/21/06

Compound	Min. Det. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	3.6
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	5.3
1,4-Dichlorobenzene	1.0	11
1,2-Dichlorobenzene	1.0	52
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	6.6
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	8.7
Naphthalene	1.0	26
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	12
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	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#: 0609413B-04A

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

File Name:	p092519	Date of Collection: [illegible]
Dil. Factor:	1.00	Date of Analysis: [illegible]
		Date of Extraction: [illegible]

Compound	Min. Det. 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	2.4 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	61	50-150
Phenol-d5	73	50-150
Nitrobenzene-d5	79	50-150
2,4,6-Tribromophenol	51	50-150
Fluorene-d10	80	60-120
Pyrene-d10	75	60-120

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0609413B-05A

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

File Name:	0097020	Date of Collection:	9/12/06
Dil. Factor:	5.00	Date of Analysis:	9/26/06 07:24 PM
		Date of Extraction:	9/21/06

Compound	Min. Det. 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	1.1 J
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected

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Client Sample ID: 5 TOX 1 EFF

Lab ID#: 0609413B-05A

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

File Name:	0092520	Date of Collection: 9/19/06
Dil. Factor:	1.00	Date of Analysis: 9/26/06 07:23 PM
		Date of Extraction: 9/21/06

Compound	Min. Det. 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	54	50-150
Phenol-d5	64	50-150
Nitrobenzene-d5	63	50-150
2,4,6-Tribromophenol	54	50-150
Fluorene-d10	72	60-120
Pyrene-d10	73	60-120

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0609413B-06A

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

File Name:	p092623	Date of Collection: 9/19/06
Dil. Factor:	1.00	Date of Analysis: 9/26/06 07:34 PM
		Date of Extraction: 9/21/06

Compound	Min. Det. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	4.0
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	2.1
1,4-Dichlorobenzene	1.0	6.4
1,2-Dichlorobenzene	1.0	54
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	20
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	2.0
Naphthalene	1.0	31
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	4.1
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	6.0
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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AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 6 TOX 2 INF

Lab ID#: 0609413B-06A

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

File Name: p092621		Date of Collection: 9/19/06
Dil. Factor: 1.00		Date of Analysis: 9/26/06 07:54 PM
		Date of Extraction: 9/21/06

Compound	Min. Det. 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	1.0 J
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	5.9
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	66	50-150
Phenol-d5	78	50-150
Nitrobenzene-d5	93	50-150
2,4,6-Tribromophenol	56	50-150
Fluorene-d10	81	60-120
Pyrene-d10	75	60-120

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 7 TOX 2 INF DUP

Lab ID#: 0609413B-07A

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

File Name:	p092622	Date of Collection: 9/19/06
Dil. Factor:	1.00	Date of Analysis: 9/26/06 02:24 PM
		Date of Extraction: 9/24/06

Compound	Min. Det. Limit (ug)	Amount (ug)
Phenol	5.0	Not Detected
bis(2-Chloroethyl) Ether	1.0	4.5
2-Chlorophenol	5.0	Not Detected
1,3-Dichlorobenzene	1.0	2.1
1,4-Dichlorobenzene	1.0	6.9
1,2-Dichlorobenzene	1.0	62
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	22
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	2.4
Naphthalene	1.0	38
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	4.9
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	7.3
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#: 0609413B-07A

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

File Name:	p092522	Date of Collection: [illegible]	
Dil Factor:	4.00	Date of Analysis: [illegible]	
		Date of Extraction: [illegible]	

Compound	Min. Det. 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	0.98 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	7.0
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	66	50-150
Phenol-d5	77	50-150
Nitrobenzene-d5	100	50-150
2,4,6-Tribromophenol	51	50-150
Fluorene-d10	77	60-120
Pyrene-d10	75	60-120

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AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 8 TOX 2 EFF

Lab ID#: 0609413B-08A

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

File Name:	p092623	Date of Collection: 9/19/06	
Dil Factor:	1.00	Date of Analysis: 9/26/06 10:54 PM	
		Date of Extraction: 9/21/06	

Compound	Min. Det. 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	1.9
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	2.3
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	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

CPS 10/13/06

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Client Sample ID: 8 TOX 2 EFF

Lab ID#: 0609413B-08A

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

File Name:	p092529	Date of Collection: 9/19/06
Dil. Factor:	1.00	Date of Analysis: 9/28/06 08:34 PM
		Date of Extraction: 9/21/06

Compound	Min. Det. 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	1.4 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	64	50-150
Phenol-d5	71	50-150
Nitrobenzene-d5	68	50-150
2,4,6-Tribromophenol	67	50-150
Fluorene-d10	73	60-120
Pyrene-d10	72	60-120

ORG 10/13/06

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Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling, or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922.

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(916) 985-1000 FAX (916) 985-1020

Page ____ of ____

CHAIN-OF-CUSTODY RECORD

Contact Person: Chris Daly
Company: MWH
Email:
Address: 175 W. Jackson City: Chicago State: IL Zip: 60604
Phone: 312 831 3415 Fax:
Collected by: (Signature) [signature]

Project Info:
P.O. #:
Project #:
Project Name: ACS Griffith

Turn Around Time:
☒ Normal
☐ Rush
____ specify

Pressurized by: ____
Date: ____
Pressurization Gas: ____ He

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final
01A	1 Offsite ISVE	33	9-19-06	12:45	TO13/TO14 SumaCan + Sorb Tube	-28.5	0		
02A	2 SBPA ISVE	509		12:46		-29	0		
03A	3 Tox 1 Inf	794		1300		-29	0		
04A	4 Tox 1 Inf Dup	X		1322		0	No Suma		
05A	5 Tox 1 Eff	4055		1301		-29	0		
06A	6 Tox 2 Inf	2004		1338		-29	0		
07A	7 Tox 2 Inf Dup	10789		1350		-19	Low Vacuum		
08A	8 Tox 2 Eff	2304	9-19-06	1354	TO13/TO14 SumaCan + Sorb Tube	-29	0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	9-19-06 1430	C. Alee ATL	9/20/06 0835

Notes: #4 Zero Vacuum - No Suma Sample
#7 Low Vacuum -19 In Hg

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #
	Fed Ex	8519 3240 0870	12°C	see discrepancy	Yes No None	0609413

Form 1203 rev. 10