MONITORING REPORT
IN-SITU SOIL VAPOR EXTRACTION (ISVE)
OFF-SITE CONTAINMENT AREA AND KAPICA-PAZMEY AREA
2002 CALENDAR YEAR

AMERICAN CHEMICAL SERVICE NPL SITE
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TABLE OF CONTENTS

SECTION **PAGE**

1.0 INTRODUCTION 1
  1.1 System Description 1
  1.2 System Construction 2
2.0 SYSTEM MONITORING 3
  2.1 System Operation 3
    2.1.1 Wellfield Evaluation 3
    2.1.2 System Evaluation 3
  2.2 System Performance Monitoring 4
    2.2.1 Performance Monitoring Procedures 4
    2.2.2 Performance Monitoring Results 6
3.0 COMPLIANCE SAMPLING 9
4.0 ISVE SYSTEM MODIFICATIONS 11
5.0 CONCLUSIONS 12
6.0 REFERENCES 13

TABLES

Table 1 System Performance Monitoring Data (Wells)
Table 2 System Performance Monitoring Data (Headers)
Table 3 System Performance Monitoring Data (Thermal Oxidizer/Scrubber)
Table 4 Compliance Sampling Results – Method TO-14 (VOCs)
Table 5 Compliance Sampling Results – Method TO-13 (SVOCs)

FIGURES

Figure 1 Off-Site Area ISVE System
Figure 2 Off-Site Area ISVE System Process Flow Diagram
Figure 3 VOC Concentrations in Extracted Vapor – OFCA ISVE System
Figure 4 VOC Concentrations in Extracted Vapor – K-P Area ISVE System
Figure 5 Total Extracted VOC Concentrations (at Blower Effluent)

APPENDICES

Appendix A Compliance Sampling Analytical Data

- April 26, 2002 Compliance Sample Laboratory Results
- May 22, 2002 Compliance Sample Laboratory Results
- June 21, 2002 Compliance Sample Laboratory Results
- June 28, 2002 Compliance Sample Laboratory Results
- July 2, 2002 Compliance Sample Laboratory Results
- July 12, 2002 Compliance Sample Laboratory Results
- July 18, 2002 Compliance Sample Laboratory Results
- July 25, 2002 Compliance Sample Laboratory Results
- August 8, 2002 Compliance Sample Laboratory Results
- September 30, 2002 Compliance Sample Laboratory Results
- November 14, 2002 Compliance Sample Laboratory Results
- December 12, 2002 Compliance Sample Laboratory Results

1.0 INTRODUCTION

MWH is presenting this report on behalf of the ACS RD/RA Executive Committee to summarize the monitoring results for the operation of the in-situ soil vapor extraction (ISVE) system in the Off-Site Containment Area (OFCA) and Kapica-Pazmey Area (K-P Area) during 2002. In the future, operational summaries for the ISVE system will be included with the Quarterly Monitoring Report for Active Remedial Systems.

The OFCA and K-P Area are located in the part of the site referred to as the Off-Site Area. Because both areas lie within the Off-Site Area and the systems share common components, the ISVE system will be referred to as the Off-Site Area ISVE system within this report.

1.1 SYSTEM DESCRIPTION

The Off-Site Area ISVE system consists of 42 ISVE wells (12 located in the K-P Area and 30 in the OFCA). The locations of the ISVE wells are shown on Figure 1.

An engineered cover system was constructed over the area in which the ISVE well field is located. This cover system consists of a 12-inch thick compacted clay layer, a 60-mil flexible membrane liner, a 12-inch thick layer of root zone soil, and a six-inch thick topsoil layer. The remainder of the Off-Site Area is covered with an 18-inch thick compacted clay layer and a six-inch thick topsoil layer. The entire Off-Site Area is also contained in a subsurface barrier wall comprised of bentonite and a flexible membrane liner.

A blower shed is located between the K-P Area wells and the OFCA wells. The blower shed houses the main system blower, the piping manifold, and a condensate knockout tank. The 30-horsepower system blower provides a vacuum at the ISVE wells and pulls the extracted vapors to the blower shed via conveyance piping installed in the cover system. In the blower shed, the individual conveyance pipes merge into a header system and are directed through the condensate removal system. The knockout tank with a demister removes entrained water collected with the extracted vapors. The collected water (condensate) is pumped to the groundwater treatment plant (GWTP) for treatment.

The extracted vapors are directed to the GWTP and treated by the thermal oxidizer/scrubber system located at the GWTP to remove the contaminants from the vapor stream prior to discharge to the atmosphere. The thermal oxidizer heats the air stream to a temperature high enough to combust the volatile contaminants of the vapor stream. The scrubber then removes the byproduct of the combustion process, hydrochloric acid gas, before the treated air is discharged to the atmosphere.

A detailed description of the system and its individual components, along with as-built drawings, is contained in the OFCA and K-P Area ISVE Systems Construction Completion Report (MWH, March 2004).

1.2 SYSTEM CONSTRUCTION

Construction began with the installation of the ISVE wells in August and September 2001. The blower shed was constructed off site and delivered to the site in September 2001. MWH then installed the conveyance piping in November/December 2001. Construction was completed with the installation of the thermal oxidizer and scrubber system in February and March 2002. System startup began on May 1, 2002.

Further details regarding the system construction are provided in the OFCA and K-P Area ISVE Systems Construction Completion Report (MWH, March 2004).

2.0 SYSTEM MONITORING

2.1 SYSTEM OPERATION

System operation began on May 1, 2002 after the startup of the thermal oxidizer and scrubber system was completed. Protocols and goals for the phased startup of the Off-Site System as defined in the Final Remedy (MWH, 1999) were followed.

The goals of the initial system operation (0 to 12 months) were:

1. To establish that the wells were constructed properly and had maintained their integrity throughout subsequent site activities (Wellfield Evaluation); and

2. To evaluate the capability of the system to meet system performance goals as established by the Final Remedy (System Evaluation).

2.1.1 Wellfield Evaluation

Verification that the ISVE wells were constructed properly and had maintained their integrity throughout subsequent site activities was based on flow measurements recorded from each well. Three consecutive days of measurable flow were sufficient to evaluate the integrity of the well. The evaluation was performed from March to October 2002. The duration of the evaluation was extended because the thermal oxidizer/scrubber system was periodically off-line for maintenance. During the wellfield verification, the system operation was rotated among groups of 16 to 17 wells.

Results of the wellfield evaluation are discussed in Section 2.2.2.

2.1.2 System Evaluation

The evaluation of capability of the system to meet its performance goals began in November 2002, once the system was operating consistently (beginning in October 2002). The objectives of the system evaluation were:

1. To determine if the system (as currently configured – with one 1,000-cfm blower) could effectively influence the entire well field and achieve system goals.

2. To determine if the capacity of the system is adequate for achieving approximately one-third of the mass removal rate goal of 100 pounds per day (lbs/day) from all ISVE systems within a reasonable timeframe. If it is not adequate, the data will be used to determine the capacity needed for construction of the full-size system.

Because the system evaluation was not completed until 2003, only the first phase of the system operation is discussed in this report. A summary and analysis of the system evaluation will be provided under separate cover.

The first phase of the system evaluation was to establish a baseline trend to determine how VOC concentrations declined over a period of operation. A group of 17 wells were active from November through December 2002. These wells are listed in the table below.

Active Wells (System Evaluation – Baseline)

K-P Area	OFCA
SVE-01	SVE-14
SVE-02	SVE-15
SVE-07	SVE-18
SVE-08	SVE-19
SVE-09	SVE-22
SVE-12	SVE-24
	SVE-27
	SVE-33
	SVE-35
	SVE-37
	SVE-47

Weekly performance monitoring events were conducted as described in Section 2.2. Monthly compliance samples were collected via summa canisters and sorbent tubes. The samples were analyzed for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) using United States Environmental Protection Agency (U.S. EPA) Method TO-14 and TO-13, respectively.

2.2 SYSTEM PERFORMANCE MONITORING

2.2.1 Performance Monitoring Procedures

This section provides a summary of the protocols followed and analyses conducted during performance monitoring events. The Performance Standards Verification Plan (PSVP) (Montgomery Watson, 1999) defines the frequency of performance monitoring events and identifies the parameters to be collected. The following parameters were collected during performance monitoring:

- Vapor flow rates (calculated by measuring differential pressure) at individual ISVE wells and headers
- Vacuum at individual ISVE wells and headers
- VOC concentrations at individual ISVE wells and headers
- Air temperature at blower influent and effluent piping
- Pressure at the blower effluent piping
- Natural gas consumption at the thermal oxidizer

- Various parameters at thermal oxidizer/scrubber system
- Water levels at ISVE wells
- Atmospheric conditions

Figure 2 illustrates the locations of the gauges, meters, and sample ports utilized.

Vapor flow rates are measured using Dwyer DS-series pitot tubes. At the ISVE well risers, a portable pitot tube is inserted into the pipe through a pre-installed compression fitting. Along the header system, dedicated pitot tube/gauge assemblies were installed. The pitot tubes are connected via Tygon tubing to a Dwyer Magnehelic gauge that displays differential pressure. The differential pressure is recorded and converted to a flow rate using the following equation:

$$Q = 128.8KD^2\sqrt{\frac{P \times \Delta P}{(T+460)S_s}} \qquad \text{(From Dwyer DS - 300 spec)}$$

Q : air flow rate (scfm)

K : Flow coefficient (0.67 for 3" pipe diameter; 0.71 for 4")

D : Inside diameter of line (inches)

P : Static line pressure (psia)

ΔP : Differential pressure (in W.C.)

T : Temperature (°F)

S_s : Air specific gravity at 60°F (1.0)

The vacuum applied at the ISVE wells is directly read from vacuum gauges installed on each ISVE well riser. Gauges were also installed on each of the branches of the manifold (OFCA1, OFCA2, OFCA3, KP1, and KP2) and the knockout tank influent pipe. The knockout tank influent vacuum measurement is representative of the applied system vacuum.

VOC concentrations are measured using a Thermo Environmental TVA 1000 combination Flame Ionization Detector/Photoionization Detector (FID/PID). In order to capture vapors from the system piping, a vacuum pump is connected to sample ports installed in the piping. The extracted vapors are drawn through the pump and the FID/PID measures the concentration at the effluent of the vacuum pump.

Vapor temperature at both the blower influent and effluent are measured using Dwyer temperature gauges. The pressure in the blower effluent piping is measured via both an analog pressure gauge and a Rosemount Model 2088 SMART pressure transmitter. Natural gas consumption is measured via a flow totalizer installed near the gas train to the thermal oxidizer.

Atmospheric conditions are available from the Gary, Indiana airport via www.weather.com. Conditions recorded and available include temperature, barometric pressure, relative humidity, and general weather conditions.

Water levels are measured using a water level meter. Water levels in the ISVE wells were measured on a weekly basis from May 1, 2002 through October 10, 2002. Thereafter, levels were measured on a biweekly basis. The measurements were performed as part of a program to monitor the progress of dewatering in the Off-Site Area. Therefore, the frequency of water level measurement was in excess of that required by the PSVP.

2.2.2 Performance Monitoring Results

Data collected during system performance monitoring events are provided in Tables 1 through 3. Table 1 presents data collected at the individual ISVE well risers. Table 2 presents data collected at ISVE system headers and equipment. Parameters collected from the thermal oxidizer/scrubber system are included in Table 3.

Initial System Operation

Initial readings collected with the FID/PID (as shown in Table 1 and Table 2) show elevated VOC levels. However, the accuracy of the initial system readings, which were recorded from the FID display, is questionable. Due to low oxygen content in the vapor stream, the FID flame could not be sustained and erroneous readings may have resulted. Beginning with the May 21 monitoring event, VOC concentrations were measured using the PID function.

Based on the elevated VOC concentrations during the initial system operation, sufficient dilution air was combined with the vapor flow to allow the thermal oxidizer to operate within safe operating conditions. As operation continued through the first month, VOC concentrations decreased, allowing the volume of dilution air introduced to be reduced to zero.

Wellfield Evaluation Results

The objective of the wellfield evaluation was to verify the ISVE wells were constructed properly and had maintained their integrity throughout subsequent site activities. This was determined based on flow measurements from each well. Three consecutive days of measurable flow were sufficient to evaluate the integrity of each well.

Air flow was maintained for three days at 36 out of 42 ISVE wells (86 percent of the wellfield). The criterion was not met at the following six wells: SVE-3, SVE-13, SVE-30, SVE-31, SVE-36, and SVE-42.

With the exception of SVE-3 and SVE-13, each of the above wells showed indications of flow for short periods (less than three consecutive days) during the evaluation. Also, flow was later detected at SVE-30, SVE-31, SVE-36, and SVE-42 after the wells were cleaned with pressurized water from July 27 through July 31, 2002. These facts suggest that the wells have been constructed properly but flow through them was partially obstructed. Visual observations during groundwater monitoring of SVE-3 and SVE-13 indicate the presence of

a significant amount of free product in the wells. The top of water/product is above the top of the well screen, preventing flow from the wells.

Since system operation began, gauging of water levels in the ISVE wells was performed per the PSVP. The data is summarized in the following reports:

- Groundwater Treatment System, Quarterly Monitoring Report, First Quarter 2002 (MWH, February 2003)
- Groundwater Treatment System, Quarterly Monitoring Report, Second Quarter 2002 (MWH, June 2003)
- Groundwater Treatment System, Quarterly Monitoring Report, Third Quarter 2002 (MWH, February 2003)
- Groundwater Treatment System, Quarterly Monitoring Report, Fourth Quarter 2002 (MWH, February 2004)

Initially, the data collected indicated that, when the ISVE wells are active, the water/product level in them rose significantly, blocking off a significant portion of the well screen. However, dewatering progressed throughout the year and the water table elevation has been lowered to the target level of 626 feet above mean sea level (amsl). Flow has still not been consistently established at SVE-3, SVE-13, SVE-30, SVE-31, SVE-36, and SVE-42. This may be an indication of fouling of the well screens.

System Evaluation Results

The objective of the first phase of the system evaluation was to establish a baseline trend to determine how VOC concentrations declined over a period of system operation. By December 31, 2002, approximately two months of data were collected. This data is included in Table 1.

VOC concentrations in the extracted vapor observed from November 5, 2002 (start of system evaluation) to December 31, 2002 are shown on Figure 3 through 5. These figures show the decrease in VOC concentrations as operation progressed. As shown in the table below, the average concentration decreased to 21 percent of the November 5 levels in the KP Area and 31 percent of November 5 levels in the OFCA.

Concentrations of VOCs (System Evaluation – Baseline)

	Average Initial Concentration, R_o 11/5/02	Average Concentration 12/26/02	Percent of R_o
KP Area	1866 ppm	392 ppm	21%
OFCA	4202 ppm	1301 ppm	31%

Much of the reduction in concentration occurred during the first week of operation. This is attributed to the removal of mobile contaminants in the vapor phase located in the immediate area of the active wells.

3.0 COMPLIANCE SAMPLING

Compliance sampling of the ISVE system began in April 2002 during testing of the thermal oxidizer/scrubber system. Sampling and analyses were performed in accordance with the Quality Assurance Project Plan (QAPP) (MWH, 2001) prepared by MWH for the ACS RD/RA Executive Committee in March 2001 and approved by the Agencies in November 2001. Quality control measures were also instituted in accordance with the PSVP.

During compliance sampling events, grab samples were collected from the influent and effluent vapor streams of the thermal oxidizer/scrubber system. The samples were collected directly from sample taps on the influent pipe to the thermal-oxidizer and the discharge stack of the scrubber. One influent sample (labeled IN1) and one effluent sample (EF1) were collected during each sampling event. A duplicate influent sample (IN2) was also collected.

VOC samples are collected using a 6-liter summa canister. The canister vacuum was used to "pull" the sample into the canister. The sample was passed through a 7-micron filter prior to entering the canister. This filter prevented particulate matter from entering the canister. A vacuum gauge was used to record the initial and final canister vacuum.

SVOC samples were collected using a sorbent tube. A high-volume sampling pump applied a vacuum to the sample port and extracted 20 liters of vapor at a rate of 2 liters per minute. The sample passed through a tube packed with polyurethane foam sorbent. Following sample collection, the sorbent tubes were placed in coolers for shipment and 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

Air Toxics Laboratories of Folsom, California was contracted by MWH to analyze the samples. Upon receipt of the analytical results, MWH performed data validation in accordance with the QAPP.

Sampling Results

The analytical results are summarized in Tables 4 and 5. The analytical data sheets for the compliance samples are provided in Appendix A. Validation qualifiers are listed in Tables 4 and 5 and are written in the margin of the analytical data sheets provided in Appendix A.

Per regulatory requirements, compliance samples were collected weekly during the first eight weeks of operation. Due to intermittent operation of the thermal oxidizer/scrubber system from April to October, these eight samples were not collected in consecutive weeks.

Following completion of the eight initial rounds of sampling with the July 25, 2002 sampling event, sampling frequency was reduced to monthly, in accordance with the PSVP. Monthly sampling events were conducted on September 30, November 14, and December 12, 2002. Sampling was not conducted in October because vapors were not being extracted since the thermal oxidizer/scrubber system was off-line for maintenance. SVOC analytical results for September 2002 are not available due to a laboratory procedural error.

Table 4 provides calculated destruction efficiencies of the thermal oxidizer for individual compounds and total VOCs in the vapor stream. Though not a compliance requirement, the destruction efficiency of the air treatment unit are valuable in evaluating the unit's performance and verifying potential problems. Destruction efficiencies are calculated using the following equation:

$$\text{Destruction Efficiency} = \frac{(\text{Influent Concentration} - \text{Effluent Concentration})}{(\text{Influent Concentration})}$$

Destruction efficiencies exceeded 99.9% throughout 2002.

Table 4 also provides mass removal rate in pounds per hour (lbs/hr) calculated using the concentrations of the compounds detected in the analytical samples. The mass removal rate was calculated by the following method:

$$n = \frac{PV}{RT} \quad \text{(Ideal Gas Law)}$$

n: molar loading rate (lbmol/hr)
P: static pressure (psi) as measured at blower effluent
V: volumetric flow rate (acfm) as measured at blower effluent
T: vapor temperature (R) as measured at blower effluent
R: gas constant (psi-ft3/lbmol-R)

$$\text{Mass Removal Rate} = n * MW * (10^{-9}) * (\text{concentration in ppbv})$$

MW: molecular weight of compound (lb/mol)

As a conservative measure, estimated concentrations (as indicated by the validation notes in Table 4) were included in the total mass removed. Because of low concentrations of SVOCs in the vapor stream, mass removal rates were not calculated for these compounds.

The data verify that the emissions from the thermal oxidizer/scrubber system were less than the Indiana Department of Environmental Management (IDEM) discharge limit of three pounds per hour VOC discharge throughout 2002.

4.0 ISVE SYSTEM MODIFICATIONS

During 2002, modifications were made to both the equipment housed in the blower shed and to the thermal oxidizer/scrubber system.

In the blower shed, the float switches installed in the knockout tank were found to be inadequate for the conditions in the tank. The product/water mixture captured by the knockout tank continually fouled the float switches. An external sight glass was installed and level switches were installed in the sight glass. However, this method was not effective either. MWH is continuing to evaluate options to provide automated monitoring of the level in the tank.

A three-inch diameter emergency bypass pipe and solenoid valve were installed on the dilution air line. In the event that the combustion chamber temperature in the thermal oxidizer approaches an alarm status and causes the ISVE system to shut down, the solenoid valve opens and supplements the vapor stream with dilution air. This reduces the combustion potential of the vapor stream and prevents the thermal oxidizer from exceeding its shutdown temperature.

5.0 CONCLUSIONS

During the first few months after construction completion, the OFCA/K-P ISVE system was operated intermittently as MWH conducted troubleshooting and system integration. By October 2002, much of the troubleshooting was completed and the system was operating consistently. A system evaluation was initiated in November. Preliminary results, as indicated in Figure 3 through Figure 5, show a decline from initial concentrations in extracted vapor. The system concentrations continued to decline for the rest of the year.

The addition of a second thermal oxidizer/scrubber system associated with the SBPA ISVE system in 2003 will allow flexibility to treat of extracted vapors from both ISVE systems. The second treatment unit has sufficient capacity to treat vapors from both systems simultaneously. The added flexibility will minimize ISVE system downtime in the event operation of one of the thermal oxidizer/scrubber systems is interrupted.

MWH will continue to monitor dewatering efforts in order to evaluate the effects of water levels on vapor extraction efficiency.

6.0 REFERENCES

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Tables

MWH

Table 1
System Performance Monitoring Data (Wells)
Off-Site ISVE System
American Chemical Service, Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)
SVE-01	4/22/2002	41	12	>50,000
	4/23/2002	40	24	NA
	4/24/2002	28	22	>50,000
	5/15/2002	28	22	>50,000
	5/21/2002	150	50	188
	5/22/2002	67	54	240
	5/23/2002	47	57	422
	8/2/2002	67	50	560
	8/5/2002	79	60	586
	8/6/2002	86	58	725
	8/7/2002	98	78	1185
	8/9/2002	48	38	624
	8/12/2002	48	41	871
	8/13/2002	48	41	1109
	11/5/2002	0	22	2477
	11/6/2002	0	21	2564
	11/7/2002	Water	40	Water
	11/14/2002	39	46	635
	11/21/2002	39	48	Water
	12/5/2002	47	48	367
	12/12/2002	47	50	376
	12/19/2002	38	54	Water
	12/26/2002	0	52	Water
SVE-02	5/15/2002	28	24	>50,000
	5/21/2002	122	54	292
	5/22/2002	47	60	425
	5/23/2002	46	64	460
	8/9/2002	28	34	464
	8/12/2002	28	38	809
	8/13/2002	28	38	775
	11/5/2002	0	22	1766
	11/6/2002	0	22	1734
	11/7/2002	Water	40	Water
	11/14/2002	0	42	940
	11/21/2002	129	44	611
	12/5/2002	28	45	301
	12/12/2002	39	45	60
	12/19/2002	12	50	395
	12/26/2002	39	49	277
SVE-03	6/7/2002	0	68	193
	6/10/2002	39	39	Water
	6/13/2002	0	38	335
	6/14/2002	0	40	414
	6/17/2002	0	40	540
	6/20/2002	0	60	Water
	6/21/2002	Water	64	Water
	6/24/2002	0	62	408
	6/25/2002	0	56	383
	6/26/2002	0	47	647

Table 1
System Performance Monitoring Data (Wells)
Off-Site ISVE System
American Chemical Service, Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)
SVE-03 (Continued)	6/27/2002	0	46	528
	8/2/2002	0	50	296
	8/5/2002	0	56	388
	8/6/2002	0	54	575
	8/7/2002	0	76	1.21%
SVE-04	6/7/2002	Water	72	Water
	6/10/2002	0	49	215
	6/13/2002	0	47	0
	6/14/2002	0	48	0
	6/17/2002	0	49	0
	6/20/2002	0	71	Water
	6/21/2002	Water	72	Water
	6/24/2002	Water	72	Water
	6/25/2002	Water	64	Water
	6/26/2002	0	58	161
	6/27/2002	0	58	Water
	8/2/2002	50	12	330
	8/5/2002	50	14	465
	8/6/2002	50	10	386
	8/7/2002	50	11	1.03%
SVE-05	6/10/2002	48	35	675
	6/13/2002	68	35	1210
	6/14/2002	56	38	920
	6/17/2002	68	37	1005
SVE-06	6/7/2002	123	64	514
	6/10/2002	40	25	735
	6/13/2002	44	20	1138
	6/14/2002	49	22	1086
	6/17/2002	40	22	1030'
SVE-07	4/23/2002	40	28	>50,000
	4/24/2002	28	26	>50,000
	5/15/2002	0	24	>50,000
	5/21/2002	Water	58	273
	5/22/2002	Water	64	1550
	5/23/2002	Water	70	Water
	6/20/2002	0	70	Water
	6/21/2002	0	72	Water
	6/24/2002	Water	54	Water
	6/25/2002	Water	56	Water
	6/26/2002	Water	53	Water
	6/27/2002	0	52	Water
	8/2/2002	49	32	118
	8/5/2002	48	40	173
	8/6/2002	48	38	164
	8/7/2002	40	30	525
	8/9/2002	40	28	242
	8/12/2002	40	30	367
	8/13/2002	40	32	399
	11/5/2002	20	18	2027
	11/6/2002	20	16	2143
	11/7/2002	Water	32	Water

Table 1
System Performance Monitoring Data (Wells)
Off-Site ISVE System
American Chemical Service, Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)
SVE-07 (Continued)	11/14/2002	0	37	385
	11/21/2002	104	38	585
	12/5/2002	62	40	362
	12/12/2002	55	40	307
	12/19/2002	83	44	464
	12/26/2002	28	43	332
SVE-08	5/15/2002	36	2	>50,000
	5/21/2002	50	10	342
	5/22/2002	64	14	2190
	5/23/2002	50	15	402
	8/9/2002	40	18	334
	8/12/2002	40	18	461
	8/13/2002	40	20	365
	11/5/2002	29	12	1627
	11/6/2002	29	12	1624
	11/7/2002	40	32	4064
	11/14/2002	49	28	397
	11/21/2002	53	30	600
	12/5/2002	56	30	356
	12/12/2002	56	27	298
	12/19/2002	63	34	490
	12/26/2002	69	30	350
SVE-09	5/21/2002	91	10	223
	5/22/2002	29	12	1150
	5/23/2002	29	12	362
	6/7/2002	221	64	639
	6/10/2002	41	14	421
	6/13/2002	41	10	156
	6/14/2002	41	12	381
	6/17/2002	29	11	585
	11/5/2002	28	21	Water
	11/6/2002	28	21	Water
	11/7/2002	124	38	3743
	11/14/2002	124	40	600
	11/21/2002	144	42	Water
	12/5/2002	131	32	620
	12/12/2002	132	44	415
	12/19/2002	167	48	840
	12/26/2002	170	33	520
SVE-10	6/7/2002	88	74	725
	6/10/2002	40	22	580
	6/13/2002	48	42	580
	6/14/2002	61	46	692
	6/17/2002	62	44	780

Table 1
System Performance Monitoring Data (Wells)
Off-Site ISVE System
American Chemical Service, Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)
SVE-11	6/10/2002	29	12	675
	6/13/2002	13	9	685
	6/14/2002	29	10	848
	6/17/2002	29	10	958
	6/20/2002	50	10	1160
	6/21/2002	58	4	-
	6/24/2002	13	8	834
	6/25/2002	41	8	501
	6/26/2002	37	8	585
	6/27/2002	29	6	675
SVE-12	4/22/2002	41	11	>50,000
	4/23/2002	40	26	>50,000
	4/24/2002	63	23	>50,000
	5/15/2002	36	4	1462
	8/9/2002	40	20	521
	8/12/2002	40	21	802
	8/13/2002	40	22	1704
	11/5/2002	0	20	1431
	11/6/2002	0	16	1202
	11/7/2002	20	26	Water
	11/14/2002	0	40	544
	11/21/2002	Water	38	775
	12/5/2002	73	40	598
	12/12/2002	28	43	420
	12/19/2002	-	-	630
	12/26/2002	63	33	483
SVE-13	6/7/2002	0	80	890
	6/10/2002	0	42	811
	6/13/2002	0	42	920
	6/14/2002	0	46	1102
	6/17/2002	0	45	1120
	6/20/2002	0	70	1406
	6/21/2002	0	68	1005
	6/24/2002	0	68	1487
	6/25/2002	0	61	776
	6/26/2002	0	52	913
	6/27/2002	0	52	1071
	8/2/2002	0	40	663
	8/5/2002	0	48	642
	8/6/2002	0	48	775
	8/7/2002	0	66	855
SVE-14	4/22/2002	41	14	>50,000
	4/23/2002	38	26	>50,000
	4/24/2002	28	24	>50,000
	5/15/2002	40	24	6.10%
	5/21/2002	47	52	568
	5/22/2002	47	58	650
	5/23/2002	38	62	694
	8/9/2002	0	34	749
	8/12/2002	28	34	711
	8/13/2002	28	36	831

Table 1
System Performance Monitoring Data (Wells)
Off-Site ISVE System
American Chemical Service, Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)
SVE-14 (Continued)	11/5/2002	0	22	3420
	11/6/2002	0	20	3371
	11/7/2002	20	36	5069
	11/14/2002	28	40	1380
	11/21/2002	0	43	1815
	12/5/2002	0	44	1250
	12/12/2002	28	44	1270
	12/19/2002	39	48	1410
	12/26/2002	48	47	1452
SVE-15	6/20/2002	179	25	1601
	6/21/2002	114	22	1074
	6/24/2002	130	24	1523
	6/25/2002	127	23	815
	6/26/2002	117	20	892
	6/27/2002	121	20	998
	8/9/2002	41	0	838
	8/12/2002	41	2	863
	8/13/2002	41	2	838
	11/5/2002	29	0	2412
	11/6/2002	29	6	2731
	11/7/2002	49	18	4029
	11/14/2002	114	20	1350
	11/21/2002	99	18	1640
	12/5/2002	95	18	1550
	12/12/2002	95	18	1308
	12/19/2002	85	24	1630
	12/26/2002	94	22	1520
SVE-16	6/20/2002	81	20	1530
	6/21/2002	70	20	985
	6/24/2002	64	18	1600
	6/25/2002	64	20	743
	6/26/2002	60	18	806
	6/27/2002	64	15	948
	8/2/2002	50	8	619
	8/5/2002	50	10	676
	8/6/2002	50	8	813
	8/7/2002	64	10	1639
SVE-17	6/7/2002	26	74	371
	6/10/2002	28	40	460
	6/13/2002	28	40	862
	6/14/2002	28	42	546
	6/17/2002	28	42	645
SVE-18	6/20/2002	38	65	1405
	6/21/2002	-	64	Water
	6/24/2002	32	62	1570
	6/25/2002	38	56	782
	6/26/2002	27	48	910
	6/27/2002	28	38	1027
	8/2/2002	62	44	645
	8/5/2002	72	52	691
	8/6/2002	72	52	794

Table 1
System Performance Monitoring Data (Wells)
Off-Site ISVE System
American Chemical Service, Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)
SVE-18 (Continued)	8/7/2002	56	30	1765
	8/9/2002	49	22	976
	8/12/2002	40	26	864
	8/13/2002	49	26	1071
	11/5/2002	40	20	Water
	11/6/2002	0	20	2896
	11/7/2002	20	40	3953
	11/14/2002	0	42	1730
	11/21/2002	0	44	2070
	12/5/2002	0	45	1870
	12/12/2002	12	45	1632
	12/19/2002	72	50	1200
	12/26/2002	39	48	430
SVE-19	5/15/2002	57	22	>50,000
	5/21/2002	106	52	142
	5/22/2002	115	58	4650
	5/23/2002	126	62	218
	8/9/2002	50	10	332
	8/12/2002	41	12	4519
	8/13/2002	49	18	3575
	11/5/2002	40	20	Water
	11/6/2002	29	18	2497
	11/7/2002	Water	28	Water
	11/14/2002	49	30	200
	11/21/2002	49	30	430
	12/5/2002	62	40	255
	12/12/2002	62	40	165
	12/19/2002	73	45	166
	12/26/2002	48	43	220
SVE-20	6/7/2002	37	76	137
	6/10/2002	39	42	182
	6/13/2002	39	42	415
	6/14/2002	28	44	91
	6/17/2002	28	44	181
SVE-21	6/10/2002	41	12	106
	6/13/2002	41	12	443
	6/14/2002	41	14	71
	6/17/2002	41	15	236
SVE-22	5/15/2002	0	28	0.109
	5/21/2002	0	58	350
	6/20/2002	0	62	434
	6/21/2002	0	62	385
	6/24/2002	0	62	1019
	6/25/2002	0	55	339
	6/26/2002	0	38	473
	6/27/2002	0	48	414
	8/2/2002	65	8	712
	8/5/2002	70	12	965
	8/6/2002	70	12	774
	8/7/2002	50	6	1423
	8/9/2002	41	3	966

Table 1
System Performance Monitoring Data (Wells)
Off-Site ISVE System
American Chemical Service, Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)
SVE-22 (Continued)	8/12/2002	41	2	853
	8/13/2002	41	3	916
	11/5/2002	41	15	4113
	11/6/2002	29	8	4159
	11/7/2002	57	22	1966
	11/14/2002	70	22	1375
	11/21/2002	57	22	2100
	12/5/2002	49	22	1830
	12/12/2002	64	22	Water
	12/19/2002	63	28	1803
	12/26/2002	63	25	1730
SVE-23	6/20/2002	81	12	1536
	6/21/2002	64	12	1180
	6/24/2002	91	12	1650
	6/25/2002	91	14	892
	6/27/2002	81	12	1222
SVE-24	4/24/2002	49	24	>50,000
	5/15/2002	53	24	>50,000
	5/21/2002	60	58	764
	5/22/2002	71	60	660
	5/23/2002	41	12	1488
	8/2/2002	40	20	875
	8/5/2002	53	26	1075
	8/6/2002	57	24	836
	8/7/2002	41	14	1632
	8/9/2002	50	14	981
	8/12/2002	40	16	820
	8/13/2002	50	16	973
	11/5/2002	41	14	4357
	11/6/2002	29	15	4500
	11/7/2002	49	28	2315
	11/14/2002	69	33	1470
	11/21/2002	49	30	2065
	12/5/2002	56	30	1760
	12/12/2002	74	30	Water
	12/19/2002	62	35	1778
	12/26/2002	89	32	1728
SVE-25	5/15/2002	50	2	0.062
	5/21/2002	71	10	645
	5/22/2002	76	12	780
	5/23/2002	46	2	1312
	8/2/2002	41	8	763
	8/5/2002	54	10	900
	8/6/2002	65	8	867
	8/7/2002	50	4	1396
	8/9/2002	50	4	1039
	8/12/2002	41	2	870
	8/13/2002	50	4	921

Table 1
System Performance Monitoring Data (Wells)
Off-Site ISVE System
American Chemical Service, Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)
SVE-26	6/10/2002	40	20	226
	6/13/2002	44	20	220
	6/14/2002	49	22	141
	6/17/2002	40	22	295
	2/17/2003	39	40	78
SVE-27	4/24/2002	0	25	>50,000
	5/15/2002	41	0	245
	5/21/2002	41	0	349
	5/22/2002	41	0	120
	5/23/2002	41	0	427
	6/20/2002	41	2	165
	6/21/2002	65	2	0
	6/24/2002	92	4	30
	6/25/2002	87	10	0
	6/26/2002	76	8	6
	6/27/2002	77	6	5
	8/2/2002	39	48	2550
	8/5/2002	0	52	1.33%
	8/6/2002	0	50	1324
	8/7/2002	0	71	1.19%
	8/9/2002	0	32	1015
	8/12/2002	0	34	3124
	8/13/2002	0	34	2064
	11/5/2002	0	16	3719
	11/6/2002	0	14	3671
	11/7/2002	0	32	1798
	11/14/2002	0	38	1430
	11/21/2002	0	40	1920
	12/5/2002	0	40	1624
	12/12/2002	0	40	1495
	12/19/2002	27	47	1667
	12/26/2002	28	43	1586
SVE-28	6/7/2002	27	70	164
	6/10/2002	28	39	325
	6/13/2002	0	39	155
	6/14/2002	0	42	262
	6/17/2002	0	41	288
	6/20/2002	27	64	310
	6/21/2002	38	64	128
	6/24/2002	27	62	161
	6/25/2002	0	58	0
	6/26/2002	0	48	196
	6/27/2002	0	48	205
	8/2/2002	39	42	160
	8/5/2002	39	50	212
	8/6/2002	39	48	235
	8/7/2002	54	65	1445
SVE-29	6/10/2002	28	30	610
	6/13/2002	13	30	777
	6/14/2002	28	34	840
	6/17/2002	28	32	923

Table 1
System Performance Monitoring Data (Wells)
Off-Site ISVE System
American Chemical Service, Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)
SVE-30	6/10/2002	0	35	1097
	6/13/2002	0	35	1730
	6/14/2002	0	38	1171
	6/17/2002	0	38	1182
	6/20/2002	0	60	1575
	6/21/2002	0	60	1142
	6/24/2002	0	60	1550
	6/25/2002	0	52	670
	6/26/2002	0	46	930
	6/27/2002	0	44	651
	8/2/2002	28	44	766
	8/5/2002	0	55	788
	8/6/2002	0	56	923
	8/7/2002	0	74	1191
SVE-31	4/24/2002	0	24	>50,000
	5/15/2002	0	22	>50,000
	5/21/2002	0	50	710
	6/20/2002	0	60	1138
	6/21/2002	0	58	965
	6/24/2002	0	60	1200
	6/25/2002	0	53	587
	6/26/2002	0	46	784
	6/27/2002	0	44	841
	8/2/2002	27	48	697
	8/5/2002	0	50	1228
	8/6/2002	0	52	749
	8/7/2002	0	68	4463
SVE-32	5/15/2002	54	14	8735
	5/21/2002	64	20	1007
	5/22/2002	64	22	740
	5/23/2002	-	62	785
	6/20/2002	41	12	1154
	6/21/2002	41	12	1140
	6/24/2002	29	12	1350
	6/25/2002	108	38	900
	6/26/2002	96	40	1035
	6/27/2002	96	40	1180
SVE-33	6/10/2002	48	47	1174
	6/13/2002	39	39	1940
	6/14/2002	48	42	1400
	6/17/2002	48	39	1501
	8/9/2002	41	10	351
	8/12/2002	41	12	1017
	8/13/2002	41	12	1024
	11/5/2002	0	6	3869
	11/6/2002	20	18	4617
	11/7/2002	56	28	2286
	11/14/2002	63	30	1441

Table 1
System Performance Monitoring Data (Wells)
Off-Site ISVE System
American Chemical Service, Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)
SVE-33 (Continued)	11/21/2002	56	31	1750
	12/5/2002	40	19	1480
	12/12/2002	63	28	1415
	12/19/2002	48	40	1438
	12/26/2002	40	27	1345
SVE-34	6/7/2002	103	70	660
	6/13/2002	56	39	1800
	6/14/2002	55	42	903
	6/17/2002	55	41	904
	6/20/2002	39	42	1520
	6/21/2002	62	42	1185
	6/24/2002	48	42	1549
	6/25/2002	39	39	913
	6/26/2002	33	36	1034
	6/27/2002	28	36	1226
SVE-35	6/10/2002	0	39	1740
	6/13/2002	40	26	1600
	6/14/2002	40	28	1364
	6/17/2002	40	27	1478
	6/20/2002	40	25	1905
	6/21/2002	40	24	1463
	6/24/2002	28	24	1780
	6/25/2002	28	22	1163
	6/26/2002	25	22	1248
	6/27/2002	28	22	1440
	8/9/2002	50	13	1222
	8/12/2002	50	12	1287
	8/13/2002	50	13	1155
	11/5/2002	29	4	5901
	11/6/2002	20	8	5460
	11/7/2002	41	15	1805
	11/14/2002	40	22	1465
	11/21/2002	49	20	1900
	12/5/2002	89	25	1520
	12/12/2002	64	20	1380
	12/19/2002	57	25	1452
	12/26/2002	49	24	1346
SVE-36	6/10/2002	28	37	944
	6/13/2002	0	35	1640
	6/14/2002	0	40	1332
	6/17/2002	0	38	2619
	6/20/2002	0	60	1269
	6/21/2002	0	58	1149
	6/24/2002	0	58	1430
	6/25/2002	0	52	644
	6/26/2002	0	44	840
	6/27/2002	0	44	841
	8/2/2002	28	44	570
	8/5/2002	0	52	976
	8/6/2002	0	52	645
	8/7/2002	0	70	3448

Table 1
System Performance Monitoring Data (Wells)
Off-Site ISVE System
American Chemical Service, Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)
SVE-37	5/15/2002	53	28	0.015
	5/21/2002	77	55	876
	5/22/2002	81	62	790
	5/23/2002	77	56	1493
	8/9/2002	40	28	892
	8/12/2002	40	28	1187
	8/13/2002	40	28	945
	11/5/2002	0	18	5207
	11/6/2002	27	46	5438
	11/7/2002	40	28	1629
	11/14/2002	48	35	1500
	11/21/2002	40	34	2265
	12/5/2002	34	38	1890
	12/12/2002	151	42	Water
	12/19/2002	Water	50	Water
	12/26/2002	61	50	Water
SVE-38	6/20/2002	0	64	1372
	6/21/2002	0	62	872
	6/24/2002	0	62	1576
	6/25/2002	0	55	645
	6/26/2002	0	50	745
	6/27/2002	0	48	900
	8/2/2002	28	44	701
	8/5/2002	47	52	1297
	8/6/2002	61	52	816
	8/7/2002	40	30	2582
SVE-39	6/10/2002	50	11	996
	6/13/2002	47	8	1710
	6/14/2002	50	10	1166
	6/17/2002	50	10	1164
SVE-40	6/10/2002	41	13	898
	6/13/2002	47	10	1620
	6/14/2002	50	12	1065
	6/17/2002	50	11	1103
SVE-41	6/10/2002	50	10	993
	6/13/2002	45	8	1875
	6/14/2002	50	10	1226
	6/17/2002	50	11	1225
	8/9/2002	41	3	488
	8/12/2002	41	4	724
	8/13/2002	41	4	896
	11/5/2002	29	4	4817
	11/6/2002	29	18	4892
	11/7/2002	75	24	3221
	11/14/2002	89	26	1615
	11/21/2002	89	27	2025
	12/5/2002	85	26	1720
	12/12/2002	98	24	-
	12/19/2002	84	31	1680
	12/26/2002	80	29	1650

Table 1
System Performance Monitoring Data (Wells)
Off-Site ISVE System
American Chemical Service, Griffith, Indiana

Well ID	Date	Flow (cfm)	Vac (" H_2O)	VOCs (ppm)
SVE-42	5/15/2002	0	-	1.80%
	5/21/2002	0	55	560
	6/20/2002	0	62	1478
	6/21/2002	27	62	1005
	6/24/2002	0	61	1407
	6/25/2002	0	55	758
	6/26/2002	0	48	866
	6/27/2002	0	48	1091
	8/2/2002	28	42	625
	8/5/2002	19	50	1057
	8/6/2002	0	48	707
	8/7/2002	27	68	2330
	8/8/2002	27	65	-

Notes:

cfm = cubic feet per minute

"H_2O = inches of water

ppm = parts per million

"-" = data not collected

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

Table 2
System Performance Monitoring Data (Headers)
Off-Site Area ISVE System
American Chemical Service, Griffith, Indiana

Date	KP1 Line Press (psia)	KP1 Flow (cfm)	KP1 Vac (" H_2O)	KP2 Line Press (psia)	KP2 Flow (cfm)	KP2 Vac (" H_2O)	OFCA1 Vac (" H_2O)	OFCA2 Vac (" H_2O)	OFCA3 Vac (" H_2O)	Dilution Flow (cfm)	Blower Inf Flow (cfm)	Blower Inf Vac (" H2O)	Blower Inf Temp. (°F)	Blower Eff Line Press (psia)	Blower Eff Flow (cfm)	Blower Eff VOC (ppm)	Blower Eff Temp. (°F)	Ambient Temperature (°F)	Barometric Pressure ("Hg)	Humidity (%)
4/22/2002	-		-	-	-	-	-	-	-	1079	956	20	40	15.7	1119	1.7%	82	41	30.08	70%
4/23/2002	-		-	-	-	-	-	-	-	1042	937	32	46	15.6	1077	2.8%	94	60	30.18	47%
4/24/2002	13.6	119	28	13.7	119	26	26	20	24	903	916	30	65	15.4	1024	2.5%	112	70	29.80	52%
5/15/2002	13.8	0	26	13.8	0	24	24	18	24	1937	993	30	64	15.9	1044	>50,000	110	75	29.94	41%
5/21/2002	12.9	0	56	13.0	0	52	56	44	52	0	902	60	50	15.7	954	1055	118	56	30.38	44%
5/22/2002	12.7	0	60	12.7	0	58	58	50	58	0	863	64	50	15.5	933	700	120	70	30.17	27%
5/23/2002	12.4	0	64	12.5	163	62	64	54	64	0	768	72	52	15.5	893	576	128	74	29.97	52%
6/7/2002	12.1	502	74	12.2	225	72	78	68	76	0	-	80	62	15.5	853	632	140	80	30.16	55%
6/10/2002	13.1	0	44	13.1	0	44	44	36	44	0	920	50	68	15.7	959	758	130	90	29.93	49%
6/13/2002	13.3	0	39	13.3	235	37	38	30	37	0	-	43	64	15.4	978	1610	117	61	29.85	88%
6/14/2002	13.1	0	42	13.2	233	40	42	32	40	0	-	46	64	15.4	958	1186	122	67	29.72	78%
6/17/2002	-	-	-	-	-	-	-	-	-	0	-	44	70	15.5	956	1165	128	75	29.93	47%
6/20/2002	-	-	62	-	-	60	62	52	60	0	-	68	-	-	-	1485	140	90	-	38%
6/21/2002	12.7	0	60	12.7	228	60	60	50	60	0	903	66	72	15.6	902	1044	142	88	30.34	74%
6/24/2002	12.6	0	60	12.7	-	58	60	50	58	0	808	64	79	15.5	879	1475	148	94	30.13	36%
6/25/2002	12.7	0	56	12.8	-	54	54	46	54	0	942	50	78	15.7	913	764	142	81	30.03	79%
6/26/2002	-	-	-	-	-	-	-	-	-	0	853	52	74	15.7	924	922	136	81	29.89	65%
6/27/2002	-	-	50	-	-	44	48	38	44	0	-	52	74	-	-	859	134	77	-	66%
8/2/2002	12.9	-	52	13.1	-	48	50	40	48	0	-	54	82	15.5	877	658	150	77	30.10	69%
8/5/2002	12.8	-	54	13.0	-	50	52	42	50	0	787	58	84	15.5	874	997	154	81	30.12	79%
8/6/2002	12.9	-	54	13.1	-	50	52	42	50	0	906	58	80	15.6	951	724	140	75	30.28	57%
8/7/2002	12.3	-	72	12.4	-	68	68	60	68	0	852	78	80	15.6	878	1440	152	75	30.30	47%
8/9/2002	13.5	-	38	13.6	-	36	38	28	34	0	895	43	80	15.7	988	852	132	77	30.24	44%
8/12/2002	13.4	-	38	13.4	-	36	36	28	34	0	-	43	84	15.5	979	-	138	90	29.98	49%
8/13/2002	13.3	-	38	13.4	-	36	36	28	34	0	-	43	83	15.5	978	889	136	77	29.83	89%
11/5/2002	13.9	0	22	13.9	0	21	20	12	22	542	935	28	49	15.6	1047	5242	96	43	29.93	87%
11/6/2002	13.9	0	22	14.0	0	20	20	14	20	544	960	26	26	15.7	1079	4062	95	47	29.93	81%
11/7/2002	13.3	0	40	13.4	237	38	38	30	35	0	967	45	56	15.6	1003	2575	112	52	29.98	48%
11/14/2002	13.2	235	42	13.2	289	40	40	32	40	0	841	48	56	15.5	953	640	115	55	29.88	54%
11/21/2002	13.0	165	44	13.1	234	42	42	34	42	0	884	49	55	15.4	931	880	117	43	29.66	87%
12/5/2002	13.2	168	45	13.4	239	40	44	37	43	582	942	50	50	15.8	983	-	107	27	30.24	57%
12/12/2002	13.2	168	45	13.6	240	34	43	36	43	0	880	50	48	15.6	978	-	106	37	30.09	81%
12/19/2002	12.9	165	48	13.3	238	35	48	40	48	0	784	56	50	15.4	951	1050	112	46	29.73	81%
12/26/2002	13.2	168	48	13.2	336	46	46	38	47	0	926	54	47	15.7	980	1050	107	25	30.32	76%

Notes:
1. Dilution flow measurement on 5/15/02 erroneous due to malfunctioning gauge.

"-" = parameter not recorded
" H_2O = inches of water
ft^3 = cubic feet
°F = degrees Fahrenheit
cfm = cubic feet per minute
ppm = parts per million
" Hg = inches of mercury
psia = pounds per square inch absolute

Table 3
System Performance Monitoring Data (Thermal Oxidizer/Scrubber)
American Chemical Service, Griffith, Indiana

Date	Pressure (" H_2O)	Natural Gas Consumption		Thermox Influent Temp. (°F)	Combustion Chamber Temp. (°F)	Total Flow (cfm)	Blowdown Totalized Volume (ft^3)	Scrubber Effluent VOCs (ppm)
		Temp. Compensated (ft^3)	Non-Compensated (ft^3)					
4/22/2002	0.2	2,214.80	2,201.50	-	1732	1050	4000	6.3
4/23/2002	0.1	2,222.18	2,208.77	-	1725	1050	5580	1.0
4/24/2002	-	2,239.34	2,226.95	-	-	-	-	-
4/26/2002	-	-	-	-	-	-	-	-
5/15/2002	0.2	3,222.85	3,210.29	-	1785	1050	NA	-
5/21/2002	0.2	3,604.02	3,587.97	-	1708	920	NA	-
5/22/2002	-	3,606.10	3,590.25	-	1689	-	-	-
5/23/2002	0.2	3,606.10	3,590.25	-	1722	850	NA	-
6/7/2002	0.6	4,723.45	4,752.40	-	1605	850	51500	0.5
6/10/2002	2.5	4,987.25	5,033.71	-	1651	600	55200	-
6/13/2002	-0.6	5,300.35	5,358.22	-	1658	925	58830	-
6/14/2002	0.2	5,304.28	5,362.23	-	1655	950	61455	-
6/17/2002	0.2	5,372.94	5,433.61	-	1651	950	69160	0.0
6/20/2002	0.4	5,539.14	5,609.10	64	1710	850	71410	-
6/21/2002	0.0	5,568.39	5,640.68	-	1628	750	74820	-
6/24/2002	2.5	5,636.65	5,713.75	68	1645	850	83225	4.9
6/25/2002	0.2	5,663.02	5,741.75	71	1651	900	85641	5.5
6/26/2002	0.2	5,663.31	5,742.03	72	1652	850	87705	9.8
6/27/2002	0.2	5,712.28	5,793.70	-	1654	900	88830	7.2
8/2/2002	0.2	7,177.79	7,351.48	-	1635	-	134190	3.5
8/5/2002	0.3	7,252.93	7,432.07	-	1631	800	138480	13.2
8/6/2002	0.2	7,269.84	7,449.98	76	1664	875	139820	9.3
8/7/2002	0.2	7,275.67	7,456.13	-	1664	800	141040	8.5
8/9/2002	0.2	7,323.05	7,506.25	-	1657	950	143290	16.5
8/12/2002	2.0	7,425.64	7,615.77	78	1657	950	146240	-
8/13/2002	3.0	7,461.25	7,654.05	-	1645	940	146240	-
11/5/2002	0.0	-	-	-	1827	1150	-	-
11/6/2002	0.4	9,791.17	9,992.27	-	1752	1050	-	2.6
11/7/2002	0.4	9,803.61	10,004.59	-	1706	900	-	1.4
12/5/2002	0.4	11,309.80	11,465.33	50	1659	450	178646	-
12/12/2002	0.4	11,862.18	11,992.45	44	1615	1100	New meter	-
12/19/2002	0.4	12,339.95	12,459.80	50	1585	1150	0	-
12/26/2002	0.1	12,918.98	13,011.90	47	1570	1000	10257	-

"-" = parameter not recorded
" H_2O = inches of water
ft^3 = cubic feet
°F = degrees Fahrenheit
cfm = cubic feet per minute
ppm = parts per million

Notes:
1. New flow totalizer installed on blowdown pipe on December 12

Table 4
Compliance Sampling Results
Off-Site ISVE System
Method TO-14 (VOCs)
American Chemical Service, Griffith, Indiana

Compounds	Units	Sample Date: 4/26/02					
		Analytical Data			Destruction Efficiency		
		Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-14							
Chloromethane	ppbv	ND	ND	2.3	NC	NC	NC
Vinyl Chloride	ppbv	13,000	2,800	0.95	99.97%	99.99%	99.98%
Bromomethane	ppbv	ND	ND	ND	NC	NC	NC
Chloroethane	ppbv	12,000	1,900	ND	100.00%	100.00%	100.00%
1,1-Dichloroethene	ppbv	710 J/J	35 J/J	3.4	NC	NC	NC
Methylene Chloride	ppbv	160,000	3,700	0.88 /B	99.98%	100.00%	99.99%
1,1-Dichloroethane	ppbv	36,000	1,200	ND	100.00%	100.00%	100.00%
cis-1,2-Dichloroethene	ppbv	17,000	10,000	0.5 J/J	NC	NC	NC
Chloroform	ppbv	3,500	62	ND	100.00%	100.00%	100.00%
1,1,1-Trichloroethane	ppbv	89,000	390	0.13 J/J	NC	NC	NC
Carbon Tetrachloride	ppbv	ND	ND	0.13 J/J	NC	NC	NC
Benzene	ppbv	58,000	13,000	0.83	99.99%	100.00%	100.00%
1,2-Dichloroethane	ppbv	1,800	300	ND	100.00%	100.00%	100.00%
Trichloroethene	ppbv	32,000	90	1.2	98.67%	100.00%	99.33%
1,2-Dichloropropane	ppbv	ND	120	ND	100.00%	100.00%	100.00%
cis-1,3-Dichloropropene	ppbv	ND	ND	ND	NC	NC	NC
Toluene	ppbv	190,000	9,900	0.6 J/J	NC	NC	NC
trans-1,3-Dichloropropene	ppbv	ND	ND	ND	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	21 J/J	ND	NC	NC	NC
Tetrachloroethene	ppbv	12,000	27 J/J	1.2	95.56%	NC	95.56%
Chlorobenzene	ppbv	ND	1,000	0.11 J/J	NC	NC	NC
Ethylbenzene	ppbv	13,000	1,800	ND	100.00%	100.00%	100.00%
m,p-Xylene	ppbv	50,000	9,400	ND	100.00%	100.00%	100.00%
o-Xylene	ppbv	14,000	3,100	ND	100.00%	100.00%	100.00%
Styrene	ppbv	ND	ND	ND	NC	NC	NC
1,1,2,2-Tetrachloroethane	ppbv	ND	ND	ND	NC	NC	NC
Acetone	ppbv	28,000	690	3.3	99.52%	99.99%	99.75%
Carbon Disulfide	ppbv	ND	ND	0.3 J/J	NC	NC	NC
trans-1,2-Dichloroethene	ppbv	ND	ND	ND	NC	NC	NC
2-Butanone (MEK)	ppbv	27,000	350	0.82 J/J	NC	NC	NC
Bromodichloromethane	ppbv	ND	ND	ND	NC	NC	NC
4-Methyl-2-pentanone	ppbv	6,900	450	ND	100.00%	100.00%	100.00%
2-Hexanone	ppbv	ND	ND	ND	NC	NC	NC
Dibromochloromethane	ppbv	ND	ND	ND	NC	NC	NC
Bromoform	ppbv	ND /UJ	ND /UJ	ND	NC	NC	NC
Total	**ppbv**	**763,200**	**60,252**	**13.18**	**99.98%**	**100.00%**	**99.99%**
Total	**lb/hr**	**12.5**	**0.9**	**0.0002**	**99.97%**	**100.00%**	**99.99%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Molar loading from wells (PV=nRT)		
P (psi):	15.60	Measured 4/23
V (scfm):	1077	Measured 4/23
V (acfm):	1081	
T (R):	553.69	Measured 4/23
R (psi-ft3/lbmol-R):	10.73	
n (lbmol/hr):	170.25	

Notes:
1. ND = 0.0 ppbv for calculation of lb/hr
2. Destruction efficiency is not calculated where influent and/or effluent values are estimated.
3. Estimated values (J-qualifiers) included in calculation of lb/hr.
4. Lbs./hour = (n)*(MW)* (concentration in ppbv)*(10E-9)

Qualifiers:
J - Result is estimated
JB - Analyte is detected in the method blank resulting in potential bias high. Reported concentration is estimated.

Table 4
Compliance Sampling Results
Off-Site ISVE System
Method TO-14 (VOCs)
American Chemical Service, Griffith, Indiana

Compounds	Units	Sample Date: 5/22/02					
		Analytical Data			Destruction Efficiency		
		Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-14							
Chloromethane	ppbv	ND	ND	0.92	NC	NC	NC
Vinyl Chloride	ppbv	30,000	35,000	2.2	99.99%	99.99%	99.99%
Bromomethane	ppbv	ND	ND	ND	NC	NC	NC
Chloroethane	ppbv	21,000	24,000	1.8	99.99%	99.99%	99.99%
1,1-Dichloroethene	ppbv	3,300 J/J	4,300 J/J	ND	NC	NC	NC
Methylene Chloride	ppbv	690,000	810,000	2.2	100.00%	100.00%	100.00%
1,1-Dichloroethane	ppbv	160,000	190,000	1.1	100.00%	100.00%	100.00%
cis-1,2-Dichloroethene	ppbv	160,000	190,000	6.4	100.00%	100.00%	100.00%
Chloroform	ppbv	19,000	23,000	0.31 J/J	NC	NC	NC
1,1,1-Trichloroethane	ppbv	480,000	580,000	0.31 J/J	NC	NC	NC
Carbon Tetrachloride	ppbv	ND	ND	0.11 J/J	NC	NC	NC
Benzene	ppbv	430,000	500,000	0.23 J/J	NC	NC	NC
1,2-Dichloroethane	ppbv	9,600	12,000	0.17 J/J	NC	NC	NC
Trichloroethene	ppbv	160,000	200,000	ND	100.00%	100.00%	100.00%
1,2-Dichloropropane	ppbv	3,100 J/J	4,000 J/J	ND	NC	NC	NC
cis-1,3-Dichloropropene	ppbv	ND	ND	ND	NC	NC	NC
Toluene	ppbv	980,000	1,100,000	0.20 J/J	NC	NC	NC
trans-1,3-Dichloropropene	ppbv	ND	ND	ND	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	ND	ND	NC	NC	NC
Tetrachloroethene	ppbv	73,000	83,000	ND	100.00%	100.00%	100.00%
Chlorobenzene	ppbv	ND	ND	ND	NC	NC	NC
Ethylbenzene	ppbv	57,000	64,000	ND	100.00%	100.00%	100.00%
m,p-Xylene	ppbv	200,000	230,000	ND	100.00%	100.00%	100.00%
o-Xylene	ppbv	53,000	61,000	ND	100.00%	100.00%	100.00%
Styrene	ppbv	ND	ND	ND	NC	NC	NC
1,1,2,2-Tetrachloroethane	ppbv	ND	ND	ND	NC	NC	NC
Acetone	ppbv	95,000	110,000	8.4	99.99%	99.99%	99.99%
Carbon Disulfide	ppbv	ND	ND	0.73 J/J	NC	NC	NC
trans-1,2-Dichloroethene	ppbv	ND	ND	ND	NC	NC	NC
2-Butanone (MEK)	ppbv	130,000	150,000	18	99.99%	99.99%	99.99%
Bromodichloromethane	ppbv	ND	ND	ND	NC	NC	NC
4-Methyl-2-pentanone	ppbv	39,000	46,000	ND	100.00%	100.00%	100.00%
2-Hexanone	ppbv	ND	ND	ND	NC	NC	NC
Dibromochloromethane	ppbv	ND	ND	ND	NC	NC	NC
Bromoform	ppbv	ND /UJ	ND /UJ	ND /UJ	NC	NC	NC
Total	**ppbv**	**3,786,600**	**4,408,000**	**41.02**	**100.00%**	**100.00%**	**100.00%**
Total	**lb/hr**	**54.5**	**63.7**	**0.0005**	**100.00%**	**100.00%**	**100.00%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Molar loading from wells (PV=nRT)		
P (psi):	15.50	Measured 5/22
V (scfm):	933	Measured 5/22
V (acfm):	942	
T (R):	553.69	Measured 5/22
R (psi-ft3/lbmol-R):	10.73	
n (lbmol/hr):	147.48	

Notes:
1. ND = 0.0 ppbv for calculation of lb/hr
2. Destruction efficiency is not calculated where influent and/or effluent values are estimated.
3. Estimated values (J-qualifiers) included in calculation of lb/hr.
4. Lbs./hour = (n)*(MW)* (concentration in ppbv)*(10E-9)

Qualifiers:
J - Result is estimated
JB - Analyte is detected in the method blank resulting i bias high. Reported concentration is estimated.

Table 4
Compliance Sampling Results
Off-Site ISVE System
Method TO-14 (VOCs)
American Chemical Service, Griffith, Indiana

Compounds	Units	Sample Date: 6/21/02					
		Analytical Data			Destruction Efficiency		
		Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-14							
Chloromethane	ppbv	ND	ND	2.0	NC	NC	NC
Vinyl Chloride	ppbv	7,600	7,600	1.3	99.98%	99.98%	99.98%
Bromomethane	ppbv	ND	ND	ND	NC	NC	NC
Chloroethane	ppbv	3,700 J/J	3,800 J/J	0.68 J/J	NC	NC	NC
1,1-Dichloroethene	ppbv	ND	ND	1.6	NC	NC	NC
Methylene Chloride	ppbv	320,000	300,000	14	100.00%	100.00%	100.00%
1,1-Dichloroethane	ppbv	100,000	110,000	2.6	100.00%	100.00%	100.00%
cis-1,2-Dichloroethene	ppbv	83,000	87,000	6.8	99.99%	99.99%	99.99%
Chloroform	ppbv	19,000	23,000	0.85	100.00%	100.00%	100.00%
1,1,1-Trichloroethane	ppbv	320,000	420,000	5.5	100.00%	100.00%	100.00%
Carbon Tetrachloride	ppbv	1,200 J/J	ND	0.36 J/J	NC	NC	NC
Benzene	ppbv	220,000	220,000	10	100.00%	100.00%	100.00%
1,2-Dichloroethane	ppbv	ND	8,200	0.35 J/J	NC	NC	NC
Trichloroethene	ppbv	140,000	150,000	3.6	100.00%	100.00%	100.00%
1,2-Dichloropropane	ppbv	3,500 J/J	ND	ND	NC	NC	NC
cis-1,3-Dichloropropene	ppbv	ND	ND	ND	NC	NC	NC
Toluene	ppbv	1,100,000	1,100,000	25	100.00%	100.00%	100.00%
trans-1,3-Dichloropropene	ppbv	ND	ND	ND	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	ND	ND	NC	NC	NC
Tetrachloroethene	ppbv	95,000	110,000	3.5	100.00%	100.00%	100.00%
Chlorobenzene	ppbv	ND	ND	0.26 J/J	NC	NC	NC
Ethylbenzene	ppbv	78,000	73,000	1.6	100.00%	100.00%	100.00%
m,p-Xylene	ppbv	260,000	240,000	5.7	100.00%	100.00%	100.00%
o-Xylene	ppbv	78,000	74,000	1.9	100.00%	100.00%	100.00%
Styrene	ppbv	ND	ND	ND	NC	NC	NC
1,1,2,2-Tetrachloroethane	ppbv	ND	ND	ND	NC	NC	NC
Acetone	ppbv	210,000	150,000	100	99.93%	99.95%	99.94%
Carbon Disulfide	ppbv	2,300 J/J	ND	2.1 J/JB	NC	NC	NC
trans-1,2-Dichloroethene	ppbv	ND	ND	ND	NC	NC	NC
2-Butanone (MEK)	ppbv	240,000	180,000	88	99.95%	99.96%	99.96%
Bromodichloromethane	ppbv	ND	ND	ND	NC	NC	NC
4-Methyl-2-pentanone	ppbv	130,000	86,000	7.9	99.99%	99.99%	99.99%
2-Hexanone	ppbv	ND	ND	ND	NC	NC	NC
Dibromochloromethane	ppbv	ND	ND	ND	NC	NC	NC
Bromoform	ppbv	ND	ND	1.4 J/J	NC	NC	NC
Total	**ppbv**	**3,400,600**	**3,338,800**	**281.85**	**99.99%**	**100.00%**	**100.00%**
Total	**lb/hr**	**47.2**	**47.5**	**0.003**	**99.99%**	**99.99%**	**99.99%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Molar loading from wells (PV=nRT)		
P (psi):	15.60	Measured 6/21
V (scfm):	902	Measured 6/21
V (acfm):	983	
T (R):	601.69	Measured 6/21
R (psi-ft3/lbmol-R):	10.73	
n (lbmol/hr):	142.58	

Notes:
1. ND = 0.0 ppbv for calculation of lb/hr
2. Destruction efficiency is not calculated where influent and/or effluent values are estimated.
3. Estimated values (J-qualifiers) included in calculation of lb/hr.
4. Lbs./hour = (n)*(MW)* (concentration in ppbv)*(10E-9)

Qualifiers:
J - Result is estimated
JB - Analyte is detected in the method blank resulting i bias high. Reported concentration is estimated.

Table 4
Compliance Sampling Results
Off-Site ISVE System
Method TO-14 (VOCs)
American Chemical Service, Griffith, Indiana

		Sample Date: 6/28/02					
		Analytical Data			Destruction Efficiency		
Compounds	**Units**	**Influent IN1**	**Influent IN2**	**Effluent EF1**	**Low (%)**	**High (%)**	**Average (%)**
Method TO-14							
Chloromethane	ppbv	ND	ND	2.9	NC	NC	NC
Vinyl Chloride	ppbv	12,000	14,000	1.6	99.99%	99.99%	99.99%
Bromomethane	ppbv	ND	ND	ND	NC	NC	NC
Chloroethane	ppbv	ND	5,200 J/J	ND	NC	NC	NC
1,1-Dichloroethene	ppbv	2,200 J/J	3,000 J/J	0.88	NC	NC	NC
Methylene Chloride	ppbv	370,000	440,000	2.9	100.00%	100.00%	100.00%
1,1-Dichloroethane	ppbv	97,000	110,000	0.34 J/J	NC	NC	NC
cis-1,2-Dichloroethene	ppbv	130,000	160,000	2.7	100.00%	100.00%	100.00%
Chloroform	ppbv	16,000	19,000	1.9	99.99%	99.99%	99.99%
1,1,1-Trichloroethane	ppbv	440,000	500,000	0.14 J/J	NC	NC	NC
Carbon Tetrachloride	ppbv	ND	ND	3.6	NC	NC	NC
Benzene	ppbv	320,000	370,000	0.12 J/JB	NC	NC	NC
1,2-Dichloroethane	ppbv	14,000	18,000	ND	NC	NC	NC
Trichloroethene	ppbv	190,000	220,000	0.48 J/J	NC	NC	NC
1,2-Dichloropropane	ppbv	ND	ND	ND	NC	NC	NC
cis-1,3-Dichloropropene	ppbv	ND	ND	ND	NC	NC	NC
Toluene	ppbv	1,300,000	1,400,000	0.17 J/J	NC	NC	NC
trans-1,3-Dichloropropene	ppbv	ND	ND	ND	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	ND	ND	NC	NC	NC
Tetrachloroethene	ppbv	120,000	130,000	0.80	100.00%	100.00%	100.00%
Chlorobenzene	ppbv	ND	ND	ND	NC	NC	NC
Ethylbenzene	ppbv	110,000	120,000	ND	NC	NC	NC
m,p-Xylene	ppbv	390,000	430,000	ND	NC	NC	NC
o-Xylene	ppbv	110,000	120,000	ND	NC	NC	NC
Styrene	ppbv	ND	ND	ND	NC	NC	NC
1,1,2,2-Tetrachloroethane	ppbv	ND	ND	ND	NC	NC	NC
Acetone	ppbv	110,000	140,000	5.4	100.00%	100.00%	100.00%
Carbon Disulfide	ppbv	ND	ND	0.74 J/J	NC	NC	NC
trans-1,2-Dichloroethene	ppbv	ND	ND	ND	NC	NC	NC
2-Butanone (MEK)	ppbv	140,000	170,000	110	99.92%	99.94%	99.93%
Bromodichloromethane	ppbv	ND	ND	ND	NC	NC	NC
4-Methyl-2-pentanone	ppbv	64,000	70,000	ND	NC	NC	NC
2-Hexanone	ppbv	ND	ND	ND	NC	NC	NC
Dibromochloromethane	ppbv	ND	ND	ND	NC	NC	NC
Bromoform	ppbv	ND	ND	ND	NC	NC	NC
Total	**ppbv**	**3,933,000**	**4,431,000**	**132.68**	**100.00%**	**100.00%**	**100.00%**
Total	**lb/hr**	**53.5**	**60.1**	**0.001**	**100.00%**	**100.00%**	**100.00%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Molar loading from wells (PV=nRT)		
P (psi):	15.70	Measured 6/27
V (scfm):	859	Measured 6/27
V (acfm):	918	
T (R):	593.69	Measured 6/27
R (psi-ft3/lbmol-R):	10.73	
n (lbmol/hr):	135.79	

Notes:
1. ND = 0.0 ppbv for calculation of lb/hr
2. Destruction efficiency is not calculated where influent and/or effluent values are estimated.
3. Estimated values (J-qualifiers) included in calculation of lb/hr.
4. Lbs./hour = (n)*(MW)* (concentration in ppbv)*(10E-9)

Qualifiers:
J - Result is estimated
JB - Analyte is detected in the method blank resulting i bias high. Reported concentration is estimated.

Table 4
Compliance Sampling Results
Off-Site ISVE System
Method TO-14 (VOCs)
American Chemical Service, Griffith, Indiana

Compounds	Units	Sample Date: 7/2/02					
		Analytical Data			Destruction Efficiency		
		Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-14							
Chloromethane	ppbv	ND	ND	9.4	NC	NC	NC
Vinyl Chloride	ppbv	7,200	ND	2.6	NC	99.96%	NC
Bromomethane	ppbv	ND	ND	ND	NC	NC	NC
Chloroethane	ppbv	ND	ND	ND	NC	NC	NC
1,1-Dichloroethene	ppbv	1,800 J/J	1,200 J/J	10	NC	NC	NC
Methylene Chloride	ppbv	260,000	220,000	13	99.99%	100.00%	99.99%
1,1-Dichloroethane	ppbv	79,000	68,000	2.5	100.00%	100.00%	100.00%
cis-1,2-Dichloroethene	ppbv	110,000	93,000	4.7	99.99%	100.00%	100.00%
Chloroform	ppbv	15,000	13,000	3.2	99.98%	99.98%	99.98%
1,1,1-Trichloroethane	ppbv	320,000	270,000	10	100.00%	100.00%	100.00%
Carbon Tetrachloride	ppbv	780 J/J	ND	4.3	NC	NC	NC
Benzene	ppbv	250,000	210,000	19	99.99%	99.99%	99.99%
1,2-Dichloroethane	ppbv	8,900	7,900	0.38 J/J	NC	NC	NC
Trichloroethene	ppbv	140,000	120,000	10	99.99%	99.99%	99.99%
1,2-Dichloropropane	ppbv	ND	ND	ND	NC	NC	NC
cis-1,3-Dichloropropene	ppbv	ND	ND	0.63 J/J	NC	NC	NC
Toluene	ppbv	1,400,000	1,100,000	13	100.00%	100.00%	100.00%
trans-1,3-Dichloropropene	ppbv	ND	ND	0.40 J/J	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	ND	ND	NC	NC	NC
Tetrachloroethene	ppbv	110,000	93,000	9.1	99.99%	99.99%	99.99%
Chlorobenzene	ppbv	ND	ND	1.0 J/J	NC	NC	NC
Ethylbenzene	ppbv	110,000	78,000	0.57 J/J	NC	NC	NC
m,p-Xylene	ppbv	390,000	290,000	1.4 J/J	NC	NC	NC
o-Xylene	ppbv	110,000	80,000	0.53 J/J	NC	NC	NC
Styrene	ppbv	ND	2,900 J/J	0.35 J/J	NC	NC	NC
1,1,2,2-Tetrachloroethane	ppbv	ND	ND	ND	NC	NC	NC
Acetone	ppbv	130,000	120,000	18	99.99%	99.99%	99.99%
Carbon Disulfide	ppbv	2,400 J/J	2,200 J/J	6.9	NC	NC	NC
trans-1,2-Dichloroethene	ppbv	ND	ND	1.5 J/J	NC	NC	NC
2-Butanone (MEK)	ppbv	180,000	150,000	300	99.80%	99.83%	99.82%
Bromodichloromethane	ppbv	ND	ND	0.58 J/J	NC	NC	NC
4-Methyl-2-pentanone	ppbv	88,000	68,000	ND	NC	NC	NC
2-Hexanone	ppbv	ND	ND	ND	NC	NC	NC
Dibromochloromethane	ppbv	ND	ND	1.5 J/J	NC	NC	NC
Bromoform	ppbv	ND	ND	3.5 J/J	NC	NC	NC
Total	**ppbv**	**3,708,100**	**2,980,900**	**435.70**	**99.99%**	**99.99%**	**99.99%**
Total	**lb/hr**	**49.7**	**40.0**	**0.005**	**99.99%**	**99.99%**	**99.99%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Molar loading from wells (PV=nRT)		
P (psi):	15.70	Measured 6/27
V (scfm):	859	Measured 6/27
V (acfm):	918	
T (R):	593.69	Measured 6/27
R (psi-ft3/lbmol-R):	10.73	
n (lbmol/hr):	135.79	

Notes:
1. ND = 0.0 ppbv for calculation of lb/hr
2. Destruction efficiency is not calculated where influent and/or effluent values are estimated.
3. Estimated values (J-qualifiers) included in calculation of lb/hr.
4. Lbs./hour = (n)*(MW)* (concentration in ppbv)*(10E-9)

Qualifiers:
J - Result is estimated
JB - Analyte is detected in the method blank resulting i bias high. Reported concentration is estimated.

Table 4
Compliance Sampling Results
Off-Site ISVE System
Method TO-14 (VOCs)
American Chemical Service, Griffith, Indiana

Compounds	Units	Sample Date: 7/12/02					
		Analytical Data			Destruction Efficiency		
		Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-14							
Chloromethane	ppbv	ND	ND	7.7	NC	NC	NC
Vinyl Chloride	ppbv	6,000	5,900	2.6	99.96%	99.96%	99.96%
Bromomethane	ppbv	ND	ND	ND	NC	NC	NC
Chloroethane	ppbv	3,600 J/J	4,100 J/J	ND	NC	NC	NC
1,1-Dichloroethene	ppbv	ND	ND	22	NC	NC	NC
Methylene Chloride	ppbv	350,000	340,000	35	99.99%	99.99%	99.99%
1,1-Dichloroethane	ppbv	80,000	78,000	4.0	99.99%	100.00%	99.99%
cis-1,2-Dichloroethene	ppbv	110,000	110,000	7.4	99.99%	99.99%	99.99%
Chloroform	ppbv	19,000	18,000	6.8	99.96%	99.96%	99.96%
1,1,1-Trichloroethane	ppbv	430,000	430,000	11	100.00%	100.00%	100.00%
Carbon Tetrachloride	ppbv	ND	ND	5.1	NC	NC	NC
Benzene	ppbv	340,000	340,000	31	99.99%	99.99%	99.99%
1,2-Dichloroethane	ppbv	10,000	10,000	ND	NC	NC	NC
Trichloroethene	ppbv	210,000	200,000	17	99.99%	99.99%	99.99%
1,2-Dichloropropane	ppbv	4,300 J/J	4,400 J/J	ND	NC	NC	NC
cis-1,3-Dichloropropene	ppbv	ND	ND	0.78	NC	NC	NC
Toluene	ppbv	1,600,000	1,600,000	62	100.00%	100.00%	100.00%
trans-1,3-Dichloropropene	ppbv	ND	ND	0.57 J/J	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	ND	ND	NC	NC	NC
Tetrachloroethene	ppbv	150,000	150,000	15	99.99%	99.99%	99.99%
Chlorobenzene	ppbv	ND	ND	1.1	NC	NC	NC
Ethylbenzene	ppbv	150,000	150,000	3.8	100.00%	100.00%	100.00%
m,p-Xylene	ppbv	550,000	560,000	12	100.00%	100.00%	100.00%
o-Xylene	ppbv	160,000	150,000	3.5	100.00%	100.00%	100.00%
Styrene	ppbv	ND	ND	2.4	NC	NC	NC
1,1,2,2-Tetrachloroethane	ppbv	ND	ND	ND	NC	NC	NC
Acetone	ppbv	200,000	190,000	100	99.95%	99.95%	99.95%
Carbon Disulfide	ppbv	ND	ND	2.5 J/J	NC	NC	NC
trans-1,2-Dichloroethene	ppbv	ND	ND	2.8 J/J	NC	NC	NC
2-Butanone (MEK)	ppbv	240,000	250,000	160	99.93%	99.94%	99.94%
Bromodichloromethane	ppbv	ND	ND	ND	NC	NC	NC
4-Methyl-2-pentanone	ppbv	110,000	110,000	8.4	99.99%	99.99%	99.99%
2-Hexanone	ppbv	ND	ND	ND	NC	NC	NC
Dibromochloromethane	ppbv	ND	ND	ND	NC	NC	NC
Bromoform	ppbv	ND	ND	3.6	NC	NC	NC
Total	**ppbv**	**4,715,000**	**4,691,900**	**522.18**	**99.99%**	**99.99%**	**99.99%**
Total	**lb/hr**	**63.5**	**63.2**	**0.006**	**99.99%**	**99.99%**	**99.99%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
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/_ = Data validation qualifier

Molar loading from wells (PV=nRT)		
P (psi):	15.70	Measured 6/27
V (scfm):	859	Measured 6/27
V (acfm):	918	
T (R):	593.69	Measured 6/27
R (psi-ft3/lbmol-R):	10.73	
n (lbmol/hr):	135.79	

Notes:
1. ND = 0.0 ppbv for calculation of lb/hr
2. Destruction efficiency is not calculated where influent and/or effluent values are estimated.
3. Estimated values (J-qualifiers) included in calculation of lb/hr.
4. Lbs./hour = (n)*(MW)* (concentration in ppbv)*(10E-9)

Qualifiers:
J - Result is estimated
JB - Analyte is detected in the method blank resulting i bias high. Reported concentration is estimated.

Table 4
Compliance Sampling Results
Off-Site ISVE System
Method TO-14 (VOCs)
American Chemical Service, Griffith, Indiana

Compounds	Units	Sample Date: 7/18/02					
		Analytical Data			Destruction Efficiency		
		Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-14							
Chloromethane	ppbv	ND	ND	6.4	NC	NC	NC
Vinyl Chloride	ppbv	2,100 J/J	3,500	2.6	NC	99.93%	NC
Bromomethane	ppbv	ND	ND	ND	NC	NC	NC
Chloroethane	ppbv	2,700 J/J	3,500	ND	NC	NC	NC
1,1-Dichloroethene	ppbv	ND	ND	11	NC	NC	NC
Methylene Chloride	ppbv	110,000	130,000	6.3	99.99%	100.00%	99.99%
1,1-Dichloroethane	ppbv	37,000	44,000	0.70 J/J	NC	NC	NC
cis-1,2-Dichloroethene	ppbv	35,000	46,000	2.8	99.99%	99.99%	99.99%
Chloroform	ppbv	5,300	6,500	1.2	99.98%	99.98%	99.98%
1,1,1-Trichloroethane	ppbv	110,000	140,000	1.2	100.00%	100.00%	100.00%
Carbon Tetrachloride	ppbv	ND	ND	1.3	NC	NC	NC
Benzene	ppbv	110,000	130,000	7.0	99.99%	99.99%	99.99%
1,2-Dichloroethane	ppbv	3,800	4,900	ND	NC	NC	NC
Trichloroethene	ppbv	79,000	94,000	5.2	99.99%	99.99%	99.99%
1,2-Dichloropropane	ppbv	ND	ND	ND	NC	NC	NC
cis-1,3-Dichloropropene	ppbv	ND	ND	0.16 J/J	NC	NC	NC
Toluene	ppbv	770,000	910,000	4.4	100.00%	100.00%	100.00%
trans-1,3-Dichloropropene	ppbv	ND	ND	ND	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	700 J/J	ND	NC	NC	NC
Tetrachloroethene	ppbv	66,000	79,000	6.7	99.99%	99.99%	99.99%
Chlorobenzene	ppbv	200 J/J	360 J/J	0.91	NC	NC	NC
Ethylbenzene	ppbv	53,000	62,000	0.26 J/J	NC	NC	NC
m,p-Xylene	ppbv	200,000	230,000	0.71 J/J	NC	NC	NC
o-Xylene	ppbv	55,000	63,000	0.26 J/J	NC	NC	NC
Styrene	ppbv	ND	ND	0.94	NC	NC	NC
1,1,2,2-Tetrachloroethane	ppbv	ND	ND	ND	NC	NC	NC
Acetone	ppbv	130,000	170,000	61	99.95%	99.96%	99.96%
Carbon Disulfide	ppbv	ND	ND	8.3	NC	NC	NC
trans-1,2-Dichloroethene	ppbv	ND	ND	1.0 J/J	NC	NC	NC
2-Butanone (MEK)	ppbv	150,000	200,000	37	99.98%	99.98%	99.98%
Bromodichloromethane	ppbv	ND	ND	ND	NC	NC	NC
4-Methyl-2-pentanone	ppbv	70,000	86,000	2.0 J/J	NC	NC	NC
2-Hexanone	ppbv	ND	ND	ND	NC	NC	NC
Dibromochloromethane	ppbv	ND	ND	ND	NC	NC	NC
Bromoform	ppbv	ND	ND	1.3 J/J	NC	NC	NC
Total	**ppbv**	**1,984,100**	**2,402,400**	**164.25**	**99.99%**	**99.99%**	**99.99%**
Total	**lb/hr**	**26.0**	**31.3**	**0.002**	**99.99%**	**99.99%**	**99.99%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Molar loading from wells (PV=nRT)		
P (psi):	15.70	Measured 6/27
V (scfm):	859	Measured 6/27
V (acfm):	918	
T (R):	593.69	Measured 6/27
R (psi-ft3/lbmol-R):	10.73	
n (lbmol/hr):	135.79	

Notes:
1. ND = 0.0 ppbv for calculation of lb/hr
2. Destruction efficiency is not calculated where influent and/or effluent values are estimated.
3. Estimated values (J-qualifiers) included in calculation of lb/hr.
4. Lbs./hour = (n)*(MW)* (concentration in ppbv)*(10E-9)

Qualifiers:
J - Result is estimated
JB - Analyte is detected in the method blank resulting i bias high. Reported concentration is estimated.

Table 4
Compliance Sampling Results
Off-Site ISVE System
Method TO-14 (VOCs)
American Chemical Service, Griffith, Indiana

Compounds	Units	Sample Date: 7/25/02					
		Analytical Data			Destruction Efficiency		
		Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-14							
Chloromethane	ppbv	ND	ND	6.6	NC	NC	NC
Vinyl Chloride	ppbv	ND	ND	2.8	NC	NC	NC
Bromomethane	ppbv	ND	ND	0.43 J/J	NC	NC	NC
Chloroethane	ppbv	ND	1,800 J/J	ND	NC	NC	NC
1,1-Dichloroethene	ppbv	800 J/J	820 J/J	12	NC	NC	NC
Methylene Chloride	ppbv	180,000	190,000	13	99.99%	99.99%	99.99%
1,1-Dichloroethane	ppbv	42,000	46,000	1.5	100.00%	100.00%	100.00%
cis-1,2-Dichloroethene	ppbv	50,000	54,000	3.6	99.99%	99.99%	99.99%
Chloroform	ppbv	7,200	7,800	3.6	99.95%	99.95%	99.95%
1,1,1-Trichloroethane	ppbv	190,000	200,000	5.6	100.00%	100.00%	100.00%
Carbon Tetrachloride	ppbv	ND	ND	2.7	NC	NC	NC
Benzene	ppbv	230,000	240,000	22	99.99%	99.99%	99.99%
1,2-Dichloroethane	ppbv	4,300 J/J	4,600 J/J	ND	NC	NC	NC
Trichloroethene	ppbv	120,000	120,000	10	99.99%	99.99%	99.99%
1,2-Dichloropropane	ppbv	1,900 J/J	1,600 J/J	ND	NC	NC	NC
cis-1,3-Dichloropropene	ppbv	ND	ND	0.42 J/J	NC	NC	NC
Toluene	ppbv	1,000,000	1,100,000	15	100.00%	100.00%	100.00%
trans-1,3-Dichloropropene	ppbv	ND	ND	0.33 J/J	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	ND	ND	NC	NC	NC
Tetrachloroethene	ppbv	110,000	120,000	11	99.99%	99.99%	99.99%
Chlorobenzene	ppbv	ND	ND	0.90	NC	NC	NC
Ethylbenzene	ppbv	88,000	97,000	0.87	100.00%	100.00%	100.00%
m,p-Xylene	ppbv	300,000	330,000	2.8	100.00%	100.00%	100.00%
o-Xylene	ppbv	81,000	90,000	0.90	100.00%	100.00%	100.00%
Styrene	ppbv	ND	ND	1.8	NC	NC	NC
1,1,2,2-Tetrachloroethane	ppbv	ND	ND	ND	NC	NC	NC
Acetone	ppbv	120,000	130,000	55	99.95%	99.96%	99.96%
Carbon Disulfide	ppbv	ND	2,100 J/J	1.2 J/J	NC	NC	NC
trans-1,2-Dichloroethene	ppbv	ND	ND	1.6 J/J	NC	NC	NC
2-Butanone (MEK)	ppbv	160,000	180,000	20	99.99%	99.99%	99.99%
Bromodichloromethane	ppbv	ND	ND	0.36 J/J	NC	NC	NC
4-Methyl-2-pentanone	ppbv	53,000	58,000	0.65 J/J	NC	NC	NC
2-Hexanone	ppbv	ND	ND	ND	NC	NC	NC
Dibromochloromethane	ppbv	ND	ND	ND	NC	NC	NC
Bromoform	ppbv	ND	ND	ND	NC	NC	NC
Total	**ppbv**	**2,731,200**	**2,962,800**	**191.67**	**99.99%**	**99.99%**	**99.99%**
Total	**lb/hr**	**28.0**	**30.3**	**0.002**	**99.99%**	**99.99%**	**99.99%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Molar loading from wells (PV=nRT)		
P (psi):	15.50	Measured 8/2
V (scfm):	658	Measured 8/2
V (acfm):	732	
T (R):	609.69	Measured 8/2
R (psi-ft3/lbmol-R):	10.73	
n (lbmol/hr):	104.01	

Notes:
1. ND = 0.0 ppbv for calculation of lb/hr
2. Destruction efficiency is not calculated where influent and/or effluent values are estimated.
3. Estimated values (J-qualifiers) included in calculation of lb/hr.
4. Lbs./hour = (n)*(MW)* (concentration in ppbv)*(10E-9)

Qualifiers:
J - Result is estimated
JB - Analyte is detected in the method blank resulting i bias high. Reported concentration is estimated.

Table 4
Compliance Sampling Results
Off-Site ISVE System
Method TO-14 (VOCs)
American Chemical Service, Griffith, Indiana

Compounds	Units	Sample Date: 8/8/02					
		Analytical Data			Destruction Efficiency		
		Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-14							
Chloromethane	ppbv	ND	ND	7.6	NC	NC	NC
Vinyl Chloride	ppbv	3,300	4,100	3.1	99.91%	99.92%	99.92%
Bromomethane	ppbv	ND	ND	ND	NC	NC	NC
Chloroethane	ppbv	ND	ND	ND	100.00%	100.00%	100.00%
1,1-Dichloroethene	ppbv	ND	ND	6.9	NC	NC	NC
Methylene Chloride	ppbv	120,000	110,000	7.2	99.98%	100.00%	99.99%
1,1-Dichloroethane	ppbv	33,000	29,000	1.2	100.00%	100.00%	100.00%
cis-1,2-Dichloroethene	ppbv	59,000	59,000	4.5	100.00%	100.00%	100.00%
Chloroform	ppbv	6,600	7,200	1.6	100.00%	100.00%	100.00%
1,1,1-Trichloroethane	ppbv	120,000	130,000	4.1	100.00%	100.00%	100.00%
Carbon Tetrachloride	ppbv	ND	ND	1.3	NC	NC	NC
Benzene	ppbv	110,000	120,000	13	99.99%	99.99%	99.99%
1,2-Dichloroethane	ppbv	ND	3,900	ND	100.00%	100.00%	100.00%
Trichloroethene	ppbv	72,000	78,000	6.5	100.00%	100.00%	100.00%
1,2-Dichloropropane	ppbv	ND	ND	ND	NC	NC	NC
cis-1,3-Dichloropropene	ppbv	ND	ND	ND	NC	NC	NC
Toluene	ppbv	910,000	940,000	13	100.00%	100.00%	100.00%
trans-1,3-Dichloropropene	ppbv	ND	ND	ND	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	ND	ND	NC	NC	NC
Tetrachloroethene	ppbv	89,000	92,000	9.7	99.99%	99.99%	99.99%
Chlorobenzene	ppbv	ND	ND	0.83	NC	NC	NC
Ethylbenzene	ppbv	75,000	91,000	ND	100.00%	100.00%	100.00%
m,p-Xylene	ppbv	270,000	340,000	1.4	100.00%	100.00%	100.00%
o-Xylene	ppbv	76,000	97,000	ND	100.00%	100.00%	100.00%
Styrene	ppbv	ND	ND	0.80	NC	NC	NC
1,1,2,2-Tetrachloroethane	ppbv	ND	ND	ND	NC	NC	NC
Acetone	ppbv	110,000	85,000	84	99.52%	99.92%	99.72%
Carbon Disulfide	ppbv	ND	ND	ND	NC	NC	NC
trans-1,2-Dichloroethene	ppbv	ND	ND	ND	NC	NC	NC
2-Butanone (MEK)	ppbv	130,000	120,000	15	99.99%	99.99%	99.99%
Bromodichloromethane	ppbv	ND	ND	ND	NC	NC	NC
4-Methyl-2-pentanone	ppbv	57,000	57,000	ND	100.00%	100.00%	100.00%
2-Hexanone	ppbv	ND	ND	ND	NC	NC	NC
Dibromochloromethane	ppbv	ND	ND	ND	NC	NC	NC
Bromoform	ppbv	ND	ND	ND	NC	NC	NC
Total	**ppbv**	**2,240,900**	**2,363,200**	**181.73**	**99.99%**	**99.99%**	**99.99%**
Total	**lb/hr**	**22.8**	**24.3**	**0.001**	**99.99%**	**99.99%**	**99.99%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Molar loading from wells (PV=nRT)		
P (psi):	15.70	Measured 8/9
V (scfm):	852	Measured 8/9
V (acfm):	908	
T (R):	591.69	Measured 8/9
R (psi-ft3/lbmol-R):	10.73	
n (lbmol/hr):	134.68	

Notes:
1. ND = 0.0 ppbv for calculation of lb/hr
2. Destruction efficiency is not calculated where influent and/or effluent values are estimated.
3. Estimated values (J-qualifiers) included in calculation of lb/hr.
4. Lbs./hour = (n)*(MW)* (concentration in ppbv)*(10E-9)

Qualifiers:
J - Result is estimated
JB - Analyte is detected in the method blank resulting i bias high. Reported concentration is estimated.

Table 4
Compliance Sampling Results
Off-Site ISVE System
Method TO-14 (VOCs)
American Chemical Service, Griffith, Indiana

Compounds	Units	Sample Date: 9/30/02					
		Analytical Data			Destruction Efficiency		
		Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-14							
Chloromethane	ppbv	ND	ND	61	NC	NC	NC
Vinyl Chloride	ppbv	5,500	5,300	20	99.64%	99.62%	99.63%
Bromomethane	ppbv	ND	ND	ND	NC	NC	NC
Chloroethane	ppbv	2,800	2,800	1.0	100.00%	100.00%	100.00%
1,1-Dichloroethene	ppbv	510 J/J	450 J/J	30	NC	NC	NC
Methylene Chloride	ppbv	180,000	160,000	30	99.98%	100.00%	99.99%
1,1-Dichloroethane	ppbv	26000	24,000	0.82	100.00%	100.00%	100.00%
cis-1,2-Dichloroethene	ppbv	31,000	27,000	5.7	100.00%	100.00%	100.00%
Chloroform	ppbv	4,800	4,200	4.3	100.00%	100.00%	100.00%
1,1,1-Trichloroethane	ppbv	96,000	86,000	0.59 J/J	NC	NC	NC
Carbon Tetrachloride	ppbv	ND	ND	1.1	NC	NC	NC
Benzene	ppbv	93,000	82,000	43	99.95%	99.95%	99.95%
1,2-Dichloroethane	ppbv	2,000	1,600	0.42 J/J	NC	NC	NC
Trichloroethene	ppbv	50,000	43,000	14	100.00%	100.00%	100.00%
1,2-Dichloropropane	ppbv	790 J/J	780 J/J	ND	NC	NC	NC
cis-1,3-Dichloropropene	ppbv	ND	ND	0.33 J/J	NC	NC	NC
Toluene	ppbv	440,000	390,000	13	100.00%	100.00%	100.00%
trans-1,3-Dichloropropene	ppbv	ND	ND	0.32 J/J	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	ND	ND	NC	NC	NC
Tetrachloroethene	ppbv	41,000	36,000	18	99.95%	99.96%	99.95%
Chlorobenzene	ppbv	ND	ND	1.7	NC	NC	NC
Ethylbenzene	ppbv	38,000	34,000	0.54 J/J	NC	NC	NC
m,p-Xylene	ppbv	140,000	130,000	1.9	100.00%	100.00%	100.00%
o-Xylene	ppbv	38,000	34,000	0.65 J/J	NC	NC	NC
Styrene	ppbv	ND	ND	1.7	NC	NC	NC
1,1,2,2-Tetrachloroethane	ppbv	ND	ND	ND	NC	NC	NC
Acetone	ppbv	130,000	110,000	56	99.52%	99.96%	99.74%
Carbon Disulfide	ppbv	1,400 J/J	940 J/J	1.0 J/J	NC	NC	NC
trans-1,2-Dichloroethene	ppbv	ND	ND	2.1 J/J	NC	NC	NC
2-Butanone (MEK)	ppbv	130,000	120,000	14	99.99%	99.99%	99.99%
Bromodichloromethane	ppbv	ND	ND	3.3	NC	NC	NC
4-Methyl-2-pentanone	ppbv	22,000	20,000	0.45 J/J	NC	NC	NC
2-Hexanone	ppbv	ND	ND	ND	NC	NC	NC
Dibromochloromethane	ppbv	ND	ND	4.8	NC	NC	NC
Bromoform	ppbv	ND	ND	5.3	NC	NC	NC
Total	**ppbv**	**1,444,100**	**1,309,900**	**330.62**	**99.97%**	**99.98%**	**99.98%**
Total	**lb/hr**	**14.4**	**12.8**	**0.003**	**99.98%**	**99.98%**	**99.98%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Molar loading from wells (PV=nRT)		
P (psi):	15.50	Measured 8/13
V (scfm):	889	Measured 8/13
V (acfm):	966	
T (R):	595.69	Measured 8/13
R (psi-ft3/lbmol-R):	10.73	
n (lbmol/hr):	140.53	

Notes:
1. ND = 0.0 ppbv for calculation of lb/hr
2. Destruction efficiency is not calculated where influent and/or effluent values are estimated.
3. Estimated values (J-qualifiers) included in calculation of lb/hr.
4. Lbs./hour = (n)*(MW)* (concentration in ppbv)*(10E-9)

Qualifiers:
J - Result is estimated
JB - Analyte is detected in the method blank resulting i bias high. Reported concentration is estimated.

Table 4
Compliance Sampling Results
Off-Site ISVE System
Method TO-14 (VOCs)
American Chemical Service, Griffith, Indiana

Compounds	Units	Sample Date: 11/14/02					
		Analytical Data			Destruction Efficiency		
		Influent IN1	Influent IN2	Effluent EF1	Low	High	Average
Method TO-14							
Chloromethane	ppbv	ND	ND	16	NC	NC	NC
Vinyl Chloride	ppbv	6,500	6,800	5.8	99.91%	99.91%	99.91%
Bromomethane	ppbv	ND	ND	ND	NC	NC	NC
Chloroethane	ppbv	ND	ND	1.3	NC	NC	NC
1,1-Dichloroethene	ppbv	910 J/J	1,000 J/J	19	NC	NC	NC
Methylene Chloride	ppbv	170,000	200,000	16	99.99%	99.99%	99.99%
1,1-Dichloroethane	ppbv	36,000	42,000	1.1	100.00%	100.00%	100.00%
cis-1,2-Dichloroethene	ppbv	85,000	99,000	7.7	99.99%	99.99%	99.99%
Chloroform	ppbv	7,800	8,900	2.5	99.97%	99.97%	99.97%
1,1,1-Trichloroethane	ppbv	180,000	200,000	2.0	100.00%	100.00%	100.00%
Carbon Tetrachloride	ppbv	ND	ND	1.5	NC	NC	NC
Benzene	ppbv	180,000	210,000	33	99.98%	99.98%	99.98%
1,2-Dichloroethane	ppbv	ND	ND	ND	NC	NC	NC
Trichloroethene	ppbv	88,000	100,000	12	99.99%	99.99%	99.99%
1,2-Dichloropropane	ppbv	ND	ND	ND	NC	NC	NC
cis-1,3-Dichloropropene	ppbv	ND	ND	ND	NC	NC	NC
Toluene	ppbv	970,000	1,100,000	15	100.00%	100.00%	100.00%
trans-1,3-Dichloropropene	ppbv	ND	ND	ND	NC	NC	NC
1,1,2-Trichloroethane	ppbv	ND	ND	ND	NC	NC	NC
Tetrachloroethene	ppbv	110,000	130,000	18	99.98%	99.99%	99.98%
Chlorobenzene	ppbv	ND	ND	2.0	NC	NC	NC
Ethylbenzene	ppbv	77,000	93,000	ND	100.00%	100.00%	100.00%
m,p-Xylene	ppbv	280,000	340,000	1.3	100.00%	100.00%	100.00%
o-Xylene	ppbv	71,000	90,000	ND	100.00%	10.00%	100.00%
Styrene	ppbv	ND	ND	ND	NC	NC	NC
1,1,2,2-Tetrachloroethane	ppbv	ND	ND	ND	NC	NC	NC
Acetone	ppbv	160,000	180,000	20	99.99%	99.99%	99.99%
Carbon Disulfide	ppbv	1,900 J/J	1,700 J/J	2.0 J/J	NC	NC	NC
trans-1,2-Dichloroethene	ppbv	ND	ND	3.4	NC	NC	NC
2-Butanone (MEK)	ppbv	150,000	170,000	4.8	100.00%	100.00%	100.00%
Bromodichloromethane	ppbv	ND	ND	2.2 J/J	NC	NC	NC
4-Methyl-2-pentanone	ppbv	47,000	55,000	ND	100.00%	100.00%	100.00%
2-Hexanone	ppbv	ND	ND	ND	NC	NC	NC
Dibromochloromethane	ppbv	ND	ND	7.8	NC	NC	NC
Bromoform	ppbv	ND	ND	22	NC	NC	NC
Total	**ppbv**	**2,618,300**	**3,024,700**	**212**	**99.99%**	**99.99%**	**99.99%**
Total	**lb/hr**	**38.4**	**44.5**	**0.004**	**99.99%**	**99.99%**	**99.99%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Molar loading from wells (PV=nRT):		
P (psi):	15.54	Measured 11/14
V (scfm):	953	Measured 11/14
V (acfm):	996	
T (R):	574.69	Measured 11/14
R (psi-ft3/lbmol-R):	10.73	
n (lbmol/hr):	150.59	

Notes:
1. ND = 0.0 ppbv for calculation of lb/hr
2. Destruction efficiency is not calculated where influent and/or effluent values are estimated.
3. Estimated values (J-qualifiers) included in calculation of lb/hr.
4. Lbs./hour = (n)*(MW)* (concentration in ppbv)*(10E-9)

Qualifiers:
J - Result is estimated
JB - Analyte is detected in the method blank resulting i bias high. Reported concentration is estimated.

Table 4
Compliance Sampling Results
Off-Site ISVE System
Method TO-14 (VOCs)
American Chemical Service, Griffith, Indiana

		Sample Date: 12/12/02					
		Analytical Data			Destruction Efficiency		
Compounds	**Units**	**Influent IN1**	**Influent IN2**	**Effluent EF1**	**Low**	**High**	**Average**
Method TO-14							
Chloromethane	ppbv	150,000 /J	150,000 /J	62 /J	NC	NC	NC
Vinyl Chloride	ppbv	ND /UJ	ND /UJ	ND /UJ	NC	NC	NC
Bromomethane	ppbv	ND /UJ	ND /UJ	ND /UJ	NC	NC	NC
Chloroethane	ppbv	34,000 /J	33,000 /J	16 /J	NC	NC	NC
1,1-Dichloroethene	ppbv	810 J/J	820 J/J	97 /J	NC	NC	NC
Methylene Chloride	ppbv	5,900 /J	6,400 /J	7.1 /J	NC	NC	NC
1,1-Dichloroethane	ppbv	ND /UJ	ND /UJ	ND /UJ	NC	NC	NC
cis-1,2-Dichloroethene	ppbv	110,000 /J	110,000 /J	140 /J	NC	NC	NC
Chloroform	ppbv	ND /UJ	ND /UJ	1.2 J/J	NC	NC	NC
1,1,1-Trichloroethane	ppbv	36,000 /J	36,000 /J	28 /J	NC	NC	NC
Carbon Tetrachloride	ppbv	150,000 /J	150,000 /J	180 /J	NC	NC	NC
Benzene	ppbv	140,000 /J	150,000 /J	230 /J	NC	NC	NC
1,2-Dichloroethane	ppbv	ND /UJ	ND /UJ	1.6 J/J	NC	NC	NC
Trichloroethene	ppbv	ND /UJ	ND /UJ	24 /J	NC	NC	NC
1,2-Dichloropropane	ppbv	ND /UJ	ND /UJ	ND /UJ	NC	NC	NC
cis-1,3-Dichloropropene	ppbv	ND /UJ	ND /UJ	1.8 J/J	NC	NC	NC
Toluene	ppbv	ND /UJ	ND /UJ	3.3 /J	NC	NC	NC
trans-1,3-Dichloropropene	ppbv	ND /UJ	ND /UJ	6.3 /J	NC	NC	NC
1,1,2-Trichloroethane	ppbv	1,200 J/J	1,600 J/J	2.4 /J	NC	NC	NC
Tetrachloroethene	ppbv	6,500 /J	6,600 /J	10 /J	NC	NC	NC
Chlorobenzene	ppbv	ND /UJ	ND /UJ	74 /J	NC	NC	NC
Ethylbenzene	ppbv	67,000 /J	66,000 /J	51 /J	NC	NC	NC
m,p-Xylene	ppbv	ND /UJ	ND /UJ	1.6 /J	NC	NC	NC
o-Xylene	ppbv	ND /UJ	ND /UJ	4.3 J/J	NC	NC	NC
Styrene	ppbv	57,000 /J	56,000 /J	18 /J	NC	NC	NC
1,1,2,2-Tetrachloroethane	ppbv	220,000 /J	200,000 /J	56 /J	NC	NC	NC
Acetone	ppbv	190,000 /J	180,000 /J	170 /J	NC	NC	NC
Carbon Disulfide	ppbv	62,000 /J	56,000 /J	17 /J	NC	NC	NC
trans-1,2-Dichloroethene	ppbv	ND /UJ	ND /UJ	5.5 /J	NC	NC	NC
2-Butanone (MEK)	ppbv	81,000 /J	85,000 /J	96 /J	NC	NC	NC
Bromodichloromethane	ppbv	660,000 /J	640,000 /J	280 /J	NC	NC	NC
4-Methyl-2-pentanone	ppbv	ND /UJ	ND /UJ	16 /J	NC	NC	NC
2-Hexanone	ppbv	ND /UJ	ND /UJ	1.2 J/J	NC	NC	NC
Dibromochloromethane	ppbv	72,000 /J	77,000 /J	80 /J	NC	NC	NC
Bromoform	ppbv	3,200 /J	3,300 /J	38 /J	NC	NC	NC
Total	**ppbv**	**NC**	**NC**	**NC**	**NC**	**NC**	**NC**
Total	**lb/hr**	**30.7**	**30.2**	**0.02**	**99.92%**	**99.92%**	**99.92%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier

Molar loading from wells (PV=nRT):		
P (psi):	15.70	Measured 12/12
V (scfm):	978	Measured 12/12
V (acfm):	996	
T (R):	565.69	Measured 12/12
R (psi-ft3/lbmol-R):	10.73	
n (lbmol/hr):	154.61	

Notes:
1. ND = 0.0 ppbv for calculation of lb/hr
2. Destruction efficiency is not calculated where influent and/or effluent values are estimated.
3. Estimated values (J-qualifiers) included in calculation of lb/hr.
4. Lbs./hour = (n)*(MW)* (concentration in ppbv)*(10E-9)

Qualifiers:
J - Result is estimated
JB - Analyte is detected in the method blank resulting i bias high. Reported concentration is estimated.

Table 5
Compliance Sampling Results
Off-Site ISVE System
Method TO-13 (SVOCs)
American Chemical Service, Griffith, Indiana

		Sample Date: 4/26/02					
		Analytical Data			Destruction Efficiency		
Compounds	Units	Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-13							
Phenol	µg	ND	ND	ND	NC	NC	NC
bis(2-Chloroethyl)ether	µg	ND	ND	ND	NC	NC	NC
2-Chlorophenol	µg	ND	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	µg	ND	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	µg	ND	10	ND	100.00%	100.00%	100.00%
1,2-Dichlorobenzene	µg	2.3	17	ND	100.00%	100.00%	100.00%
2-Methylphenol (o-Cresol)	µg	ND	ND	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND	ND	ND	NC	NC	NC
4-Methylphenol	µg	ND	ND	ND	NC	NC	NC
Hexachloroethane	µg	ND	ND	ND	NC	NC	NC
Nitrobenzene	µg	ND	ND	ND	NC	NC	NC
Isophorone	µg	ND	ND	ND	NC	NC	NC
2-Nitrophenol	µg	ND	ND	ND	NC	NC	NC
2,4-Dimethylphenol	µg	ND	ND	ND	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND	ND	ND	NC	NC	NC
2,4-Dichlorophenol	µg	ND	ND	ND	NC	NC	NC
1,2,4-Trichlorobenzene	µg	ND	ND	ND	NC	NC	NC
Naphthalene	µg	3.0	16	ND	100.00%	100.00%	100.00%
4-Chloroaniline	µg	ND	ND	ND	NC	NC	NC
Hexachlorobutadiene	µg	ND	ND	ND	NC	NC	NC
4-Chloro-3-methylphenol	µg	ND	ND	ND	NC	NC	NC
2-Methylnaphthalene	µg	ND	4.6	ND	100.00%	100.00%	100.00%
Hexachlorocyclopentadiene	µg	ND	ND	ND	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND	ND	ND	NC	NC	NC
2,4,5-Trichlorophenol	µg	ND	ND	ND	NC	NC	NC
2-Chloronaphthalene	µg	ND	ND	ND	NC	NC	NC
2-Nitroaniline	µg	ND	ND	ND	NC	NC	NC
Dimethylphthalate	µg	ND	ND	ND	NC	NC	NC
Acenaphthylene	µg	ND	ND	ND	NC	NC	NC
2,6-Dinitrotoluene	µg	ND	ND	ND	NC	NC	NC
3-Nitroaniline	µg	ND	ND	ND	NC	NC	NC
Acenaphthene	µg	ND	ND	ND	NC	NC	NC
2,4-Dinitrophenol	µg	ND	ND	ND	NC	NC	NC
4-Nitrophenol	µg	ND	ND	ND	NC	NC	NC
2,4-Dinitrotoluene	µg	ND	ND	ND	NC	NC	NC
Dibenzofuran	µg	ND	ND	ND	NC	NC	NC
Diethylphthalate	µg	ND	ND	ND	NC	NC	NC
Fluorene	µg	ND	ND	ND	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND	ND	ND	NC	NC	NC
4-Nitroaniline	µg	ND	ND	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND	ND	ND	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND	ND	ND	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND	ND	ND	NC	NC	NC
Hexachlorobenzene	µg	ND	ND	ND	NC	NC	NC
Pentachlorophenol	µg	ND	ND	ND	NC	NC	NC
Phenanthrene	µg	ND	ND	ND	NC	NC	NC
Anthracene	µg	ND	ND	ND	NC	NC	NC
di-n-Butylphthalate	µg	ND	ND	ND	NC	NC	NC
Fluoranthene	µg	ND	ND	ND	NC	NC	NC
Pyrene	µg	ND	ND	ND	NC	NC	NC
Butylbenzylphthalate	µg	ND	ND	ND	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND	ND	ND	NC	NC	NC
Chrysene	µg	ND	ND	ND	NC	NC	NC
Benzo(a)anthracene	µg	ND	ND	ND	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	ND	2.2 J/J	ND	NC	NC	NC
Di-n-Octylphthalate	µg	ND	ND	ND	NC	NC	NC
Benzo(b)fluoranthene	µg	ND	ND	ND	NC	NC	NC
Benzo(k)fluoranthene	µg	ND	ND	ND	NC	NC	NC
Benzo(a)pyrene	µg	ND	ND	ND	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND	ND	ND	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND	ND	ND	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND	ND	ND	NC	NC	NC
Total	µg	**5.3**	**47.6**	**ND**	**100.00%**	**100.00%**	**100.00%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier
µg = Microgram

Notes:
1. Destruction efficiency is not calculated where influent and/or effluent values are estimated.

Qualifiers:
J - Result is estimated
UJ - Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value
JB - Analyte is detected in the method blank resulting in potential bias high. Reported concentration is estimated

Table 5
Compliance Sampling Results
Off-Site ISVE System
Method TO-13 (SVOCs)
American Chemical Service, Griffith, Indiana

		Sample Date: 5/22/02					
		Analytical Data			Destruction Efficiency		
Compounds	Units	Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-13							
Phenol	µg	ND	ND /UJ	ND	NC	NC	NC
bis(2-Chloroethyl)ether	µg	ND	ND /UJ	ND	NC	NC	NC
2-Chlorophenol	µg	ND	ND /UJ	ND	NC	NC	NC
1,3-Dichlorobenzene	µg	ND	ND /UJ	ND	NC	NC	NC
1,4-Dichlorobenzene	µg	1.4	ND /UJ	ND	NC	NC	NC
1,2-Dichlorobenzene	µg	14	27 /J	ND	NC	NC	NC
2-Methylphenol (o-Cresol)	µg	ND	ND /UJ	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND	ND /UJ	ND	NC	NC	NC
4-Methylphenol	µg	ND	ND /UJ	ND	NC	NC	NC
Hexachloroethane	µg	ND	ND /UJ	ND	NC	NC	NC
Nitrobenzene	µg	ND	ND /UJ	ND	NC	NC	NC
Isophorone	µg	4.1	7.4 /J	ND	NC	NC	NC
2-Nitrophenol	µg	ND	ND /UJ	ND	NC	NC	NC
2,4-Dimethylphenol	µg	ND	ND /UJ	ND	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND	ND /UJ	ND	NC	NC	NC
2,4-Dichlorophenol	µg	ND	ND /UJ	ND	NC	NC	NC
1,2,4-Trichlorobenzene	µg	0.45 J/J	0.96 J/J	ND	NC	NC	NC
Naphthalene	µg	10	22 /J	ND	NC	NC	NC
4-Chloroaniline	µg	ND	ND /UJ	ND	NC	NC	NC
Hexachlorobutadiene	µg	ND	ND /UJ	ND	NC	NC	NC
4-Chloro-3-methylphenol	µg	ND	ND /UJ	ND	NC	NC	NC
2-Methylnaphthalene	µg	0.99 J/J	2.1 /J	ND	NC	NC	NC
Hexachlorocyclopentadiene	µg	ND	ND /UJ	ND	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND	ND /UJ	ND	NC	NC	NC
2,4,5-Trichlorophenol	µg	ND	ND /UJ	ND	NC	NC	NC
2-Chloronaphthalene	µg	ND	ND /UJ	ND	NC	NC	NC
2-Nitroaniline	µg	ND	ND /UJ	ND	NC	NC	NC
Dimethylphthalate	µg	ND	ND /UJ	ND	NC	NC	NC
Acenaphthylene	µg	ND	ND /UJ	ND	NC	NC	NC
2,6-Dinitrotoluene	µg	ND	ND /UJ	ND	NC	NC	NC
3-Nitroaniline	µg	ND	ND /UJ	ND	NC	NC	NC
Acenaphthene	µg	ND	ND /UJ	ND	NC	NC	NC
2,4-Dinitrophenol	µg	ND	ND /UJ	ND	NC	NC	NC
4-Nitrophenol	µg	ND	ND /UJ	ND	NC	NC	NC
2,4-Dinitrotoluene	µg	ND	ND /UJ	ND	NC	NC	NC
Dibenzofuran	µg	ND	ND /UJ	ND	NC	NC	NC
Diethylphthalate	µg	0.82 J/JB	0.38 J/JB	ND	NC	NC	NC
Fluorene	µg	ND	ND /UJ	ND	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND	ND /UJ	ND	NC	NC	NC
4-Nitroaniline	µg	ND	ND /UJ	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND	ND /UJ	ND	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND	ND /UJ	ND	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND	ND /UJ	ND	NC	NC	NC
Hexachlorobenzene	µg	ND	ND /UJ	ND	NC	NC	NC
Pentachlorophenol	µg	ND	ND /UJ	ND	NC	NC	NC
Phenanthrene	µg	ND	ND /UJ	ND	NC	NC	NC
Anthracene	µg	ND	ND /UJ	ND	NC	NC	NC
di-n-Butylphthalate	µg	0.77 J/J	0.61 J/J	ND	NC	NC	NC
Fluoranthene	µg	ND	ND /UJ	ND	NC	NC	NC
Pyrene	µg	ND	ND /UJ	ND	NC	NC	NC
Butylbenzylphthalate	µg	ND	ND /UJ	ND	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND	ND /UJ	ND	NC	NC	NC
Chrysene	µg	ND	ND /UJ	ND	NC	NC	NC
Benzo(a)anthracene	µg	ND	ND /UJ	ND	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	ND	ND /UJ	ND	NC	NC	NC
Di-n-Octylphthalate	µg	ND	ND /UJ	ND	NC	NC	NC
Benzo(b)fluoranthene	µg	ND	ND /UJ	ND	NC	NC	NC
Benzo(k)fluoranthene	µg	ND	ND /UJ	ND	NC	NC	NC
Benzo(a)pyrene	µg	ND	ND /UJ	ND	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND	ND /UJ	ND	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND	ND /UJ	ND	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND	ND /UJ	ND	NC	NC	NC
Total	µg	**29.5**	**0**	**ND**	**NC**	**NC**	**NC**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier
µg = Microgram

Notes
1. Destruction efficiency is not calculated where influent and/or effluent values are estimated

Qualifiers:
J - Result is estimated
UJ - Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
JB - Analyte is detected in the method blank resulting in potential bias high. Reported concentration is estimated.

Table 5
Compliance Sampling Results
Off-Site ISVE System
Method TO-13 (SVOCs)
American Chemical Service, Griffith, Indiana

		Sample Date: 6/21/02					
		Analytical Data			Destruction Efficiency		
Compounds	Units	Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-13							
Phenol	µg	5.3 /J	7.4 /J	ND	NC	NC	NC
bis(2-Chloroethyl)ether	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Chlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
1,3-Dichlorobenzene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
1,4-Dichlorobenzene	µg	4.9 /J	6.8 /J	ND	NC	NC	NC
1,2-Dichlorobenzene	µg	71 /J	95 /J	ND	NC	NC	NC
2-Methylphenol (o-Cresol)	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Methylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Hexachloroethane	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Nitrobenzene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Isophorone	µg	32 /J	46 /J	ND	NC	NC	NC
2-Nitrophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dimethylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dichlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
1,2,4-Trichlorobenzene	µg	3.1 /J	4.6 /J	ND	NC	NC	NC
Naphthalene	µg	38 /J	55 /J	ND	NC	NC	NC
4-Chloroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Hexachlorobutadiene	µg	1.1 /J	1.5 /J	ND	NC	NC	NC
4-Chloro-3-methylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Methylnaphthalene	µg	5.1 /J	7.1 /J	ND	NC	NC	NC
Hexachlorocyclopentadiene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4,5-Trichlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Chloronaphthalene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Nitroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Dimethylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Acenaphthylene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,6-Dinitrotoluene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
3-Nitroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Acenaphthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dinitrophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Nitrophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dinitrotoluene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Dibenzofuran	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Diethylphthalate	µg	0.47 J/J	0.44 J/J	0.39 J/J	NC	NC	NC
Fluorene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Nitroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Hexachlorobenzene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Pentachlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Phenanthrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Anthracene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
di-n-Butylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Fluoranthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Pyrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Butylbenzylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Chrysene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(a)anthracene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	1.9 J/J	ND /UJ	ND	NC	NC	NC
Di-n-Octylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(b)fluoranthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(k)fluoranthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(a)pyrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Total	µg	NC	NC	NC	NC	NC	NC

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier
µg = Microgram

Notes:
1 Destruction efficiency is not calculated where influent and/or effluent values are estimated.

Qualifiers
J - Result is estimated
UJ - Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
JB - Analyte is detected in the method blank resulting in potential bias high. Reported concentration is estimated.

Table 5
Compliance Sampling Results
Off-Site ISVE System
Method TO-13 (SVOCs)
American Chemical Service, Griffith, Indiana

		Sample Date: 6/28/02					
		Analytical Data			Destruction Efficiency		
Compounds	Units	Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-13							
Phenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
bis(2-Chloroethyl)ether	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Chlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
1,3-Dichlorobenzene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
1,4-Dichlorobenzene	µg	6.8 /J	7.3 /J	ND	NC	NC	NC
1,2-Dichlorobenzene	µg	61 /J	66 /J	ND	NC	NC	NC
2-Methylphenol (o-Cresol)	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Methylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Hexachloroethane	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Nitrobenzene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Isophorone	µg	15 /J	16 /J	ND	NC	NC	NC
2-Nitrophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dimethylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dichlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
1,2,4-Trichlorobenzene	µg	0.98 J/J	1.1 /J	ND	NC	NC	NC
Naphthalene	µg	58 /J	60 /J	ND	NC	NC	NC
4-Chloroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Hexachlorobutadiene	µg	0.87 J/J	0.92 J/J	ND	NC	NC	NC
4-Chloro-3-methylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Methylnaphthalene	µg	7.9 /J	8.2 /J	ND	NC	NC	NC
Hexachlorocyclopentadiene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4,5-Trichlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Chloronaphthalene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Nitroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Dimethylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Acenaphthylene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,6-Dinitrotoluene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
3-Nitroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Acenaphthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dinitrophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Nitrophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dinitrotoluene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Dibenzofuran	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Diethylphthalate	µg	0.48 J/JB	0.32 J/JB	ND	NC	NC	NC
Fluorene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Nitroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Hexachlorobenzene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Pentachlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Phenanthrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Anthracene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
di-n-Butylphthalate	µg	0.69 J/J	ND /UJ	ND	NC	NC	NC
Fluoranthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Pyrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Butylbenzylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Chrysene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(a)anthracene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Di-n-Octylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(b)fluoranthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(k)fluoranthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(a)pyrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Total	µg	NC	NC	NC	NC	NC	NC

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier
µg = Microgram

Notes:
1. Destruction efficiency is not calculated where influent and/or effluent values are estimated

Qualifiers:
J - Result is estimated
UJ - Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value
JB - Analyte is detected in the method blank resulting in potential bias high. Reported concentration is estimated

Table 5
Compliance Sampling Results
Off-Site ISVE System
Method TO-13 (SVOCs)
American Chemical Service, Griffith, Indiana

		Sample Date: 7/2/02					
		Analytical Data			Destruction Efficiency		
Compounds	Units	Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-13							
Phenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
bis(2-Chloroethyl)ether	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Chlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
1,3-Dichlorobenzene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
1,4-Dichlorobenzene	µg	5.4 /J	7.0 /J	ND	NC	NC	NC
1,2-Dichlorobenzene	µg	64 /J	82 /J	ND	NC	NC	NC
2-Methylphenol (o-Cresol)	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Methylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Hexachloroethane	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Nitrobenzene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Isophorone	µg	35 /J	46 /J	ND	NC	NC	NC
2-Nitrophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dimethylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dichlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
1,2,4-Trichlorobenzene	µg	2.1 /J	3.0 /J	ND	NC	NC	NC
Naphthalene	µg	43 /J	57 /J	ND	NC	NC	NC
4-Chloroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Hexachlorobutadiene	µg	0.56 J/J	0.68 J/J	ND	NC	NC	NC
4-Chloro-3-methylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Methylnaphthalene	µg	6.0 /J	7.8 /J	ND	NC	NC	NC
Hexachlorocyclopentadiene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4,5-Trichlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Chloronaphthalene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Nitroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Dimethylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Acenaphthylene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,6-Dinitrotoluene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
3-Nitroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Acenaphthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dinitrophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Nitrophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dinitrotoluene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Dibenzofuran	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Diethylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Fluorene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Nitroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Hexachlorobenzene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Pentachlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Phenanthrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Anthracene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
di-n-Butylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Fluoranthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Pyrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Butylbenzylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Chrysene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(a)anthracene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Di-n-Octylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(b)fluoranthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(k)fluoranthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(a)pyrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Total	µg	NC	NC	NC	NC	NC	NC

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
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µg = Microgram

Notes:
1 Destruction efficiency is not calculated where influent and/or effluent values are estimated.

Qualifiers:
J - Result is estimated
UJ - Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value
JB - Analyte is detected in the method blank resulting in potential bias high. Reported concentration is estimated

Table 5
Compliance Sampling Results
Off-Site ISVE System
Method TO-13 (SVOCs)
American Chemical Service, Griffith, Indiana

		Sample Date: 7/12/02					
		Analytical Data			Destruction Efficiency		
Compounds	Units	Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-13							
Phenol	µg	ND /UJ	15 /J	ND	NC	NC	NC
bis(2-Chloroethyl)ether	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Chlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
1,3-Dichlorobenzene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
1,4-Dichlorobenzene	µg	9.3 /J	9.3 /J	ND	NC	NC	NC
1,2-Dichlorobenzene	µg	120 /J	120 /J	ND	NC	NC	NC
2-Methylphenol (o-Cresol)	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Methylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Hexachloroethane	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Nitrobenzene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Isophorone	µg	63 /J	62 /J	ND	NC	NC	NC
2-Nitrophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dimethylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dichlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
1,2,4-Trichlorobenzene	µg	4.1 /J	4.7 /J	ND	NC	NC	NC
Naphthalene	µg	59 /J	64 /J	ND	NC	NC	NC
4-Chloroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Hexachlorobutadiene	µg	0.84 J/J	0.91 J/J	ND	NC	NC	NC
4-Chloro-3-methylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Methylnaphthalene	µg	9.1 /J	10 /J	ND	NC	NC	NC
Hexachlorocyclopentadiene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4,5-Trichlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Chloronaphthalene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Nitroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Dimethylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Acenaphthylene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,6-Dinitrotoluene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
3-Nitroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Acenaphthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dinitrophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Nitrophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dinitrotoluene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Dibenzofuran	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Diethylphthalate	µg	ND /UJ	0.31 J/J	ND	NC	NC	NC
Fluorene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Nitroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Hexachlorobenzene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Pentachlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Phenanthrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Anthracene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
di-n-Butylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Fluoranthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Pyrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Butylbenzylphthalate	µg	0.34 J/JB	ND /UJ	0.36 J/JB	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Chrysene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(a)anthracene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Di-n-Octylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(b)fluoranthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(k)fluoranthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(a)pyrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Total	µg	NC	NC	NC	NC	NC	NC

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier
µg = Microgram

Notes:
1. Destruction efficiency is not calculated where influent and/or effluent values are estimated.

Qualifiers:
J - Result is estimated
UJ - Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value
JB - Analyte is detected in the method blank resulting in potential bias high. Reported concentration is estimated

Table 5
Compliance Sampling Results
Off-Site ISVE System
Method TO-13 (SVOCs)
American Chemical Service, Griffith, Indiana

		Sample Date: 7/18/02					
		Analytical Data			Destruction Efficiency		
Compounds	Units	Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-13							
Phenol	µg	18 /J	17 /J	ND	NC	NC	NC
bis(2-Chloroethyl)ether	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Chlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
1,3-Dichlorobenzene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
1,4-Dichlorobenzene	µg	6.7 /J	5.9 /J	ND	NC	NC	NC
1,2-Dichlorobenzene	µg	94 /J	87 /J	ND	NC	NC	NC
2-Methylphenol (o-Cresol)	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Methylphenol	µg	12 /J	12 /J	ND	NC	NC	NC
Hexachloroethane	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Nitrobenzene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Isophorone	µg	68 /J	62 /J	ND	NC	NC	NC
2-Nitrophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dimethylphenol	µg	3.4 J/J	3.3 J/J	ND	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dichlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
1,2,4-Trichlorobenzene	µg	4.4 /J	4.1 /J	ND	NC	NC	NC
Naphthalene	µg	41 /J	39 /J	ND	NC	NC	NC
4-Chloroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Hexachlorobutadiene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Chloro-3-methylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Methylnaphthalene	µg	6.9 /J	6.3 /J	ND	NC	NC	NC
Hexachlorocyclopentadiene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4,5-Trichlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Chloronaphthalene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2-Nitroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Dimethylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Acenaphthylene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,6-Dinitrotoluene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
3-Nitroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Acenaphthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dinitrophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Nitrophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
2,4-Dinitrotoluene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Dibenzofuran	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Diethylphthalate	µg	0.43 J/JB	0.37 J/JB	0.41 J/JB	NC	NC	NC
Fluorene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Nitroaniline	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Hexachlorobenzene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Pentachlorophenol	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Phenanthrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Anthracene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
di-n-Butylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Fluoranthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Pyrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Butylbenzylphthalate	µg	0.41 J/JB	0.26 J/JB	0.31 J/JB	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Chrysene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(a)anthracene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Di-n-Octylphthalate	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(b)fluoranthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(k)fluoranthene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(a)pyrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND /UJ	ND /UJ	ND	NC	NC	NC
Total	µg	NC	NC	NC	NC	NC	NC

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier
µg = Microgram

Notes:
1. Destruction efficiency is not calculated where influent and/or effluent values are estimated.

Qualifiers:
J - Result is estimated
UJ - Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value
JB - Analyte is detected in the method blank resulting in potential bias high. Reported concentration is estimated

Table 5
Compliance Sampling Results
Off-Site ISVE System
Method TO-13 (SVOCs)
American Chemical Service, Griffith, Indiana

		Sample Date: 7/25/02					
		Analytical Data			Destruction Efficiency		
Compounds	Units	Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-13							
Phenol	µg	ND	ND	ND	NC	NC	NC
bis(2-Chloroethyl)ether	µg	ND	ND	ND	NC	NC	NC
2-Chlorophenol	µg	ND	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	µg	ND	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	µg	ND	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	µg	15	35	ND	100.00%	100.00%	100.00%
2-Methylphenol (o-Cresol)	µg	ND	ND	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND	ND	ND	NC	NC	NC
4-Methylphenol	µg	ND	ND	ND	NC	NC	NC
Hexachloroethane	µg	ND	ND	ND	NC	NC	NC
Nitrobenzene	µg	ND	ND	ND	NC	NC	NC
Isophorone	µg	5.5	14	ND	100.00%	100.00%	100.00%
2-Nitrophenol	µg	ND	ND	ND	NC	NC	NC
2,4-Dimethylphenol	µg	ND	ND	ND	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND	ND	ND	NC	NC	NC
2,4-Dichlorophenol	µg	ND	ND	ND	NC	NC	NC
1,2,4-Trichlorobenzene	µg	ND	0.60 J/J	ND	NC	NC	NC
Naphthalene	µg	5.8	18	ND	100.00%	100.00%	100.00%
4-Chloroaniline	µg	ND	ND	ND	NC	NC	NC
Hexachlorobutadiene	µg	ND	1.2	ND	NC	100.00%	100.00%
4-Chloro-3-methylphenol	µg	ND	ND	ND	NC	NC	NC
2-Methylnaphthalene	µg	0.84 J/J	2.8	ND	NC	100.00%	100.00%
Hexachlorocyclopentadiene	µg	ND	ND	ND	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND	ND	ND	NC	NC	NC
2,4,5-Trichlorophenol	µg	ND	ND	ND	NC	NC	NC
2-Chloronaphthalene	µg	ND	ND	ND	NC	NC	NC
2-Nitroaniline	µg	ND	ND	ND	NC	NC	NC
Dimethylphthalate	µg	ND	ND	ND	NC	NC	NC
Acenaphthylene	µg	ND	ND	ND	NC	NC	NC
2,6-Dinitrotoluene	µg	ND	ND	ND	NC	NC	NC
3-Nitroaniline	µg	ND	ND	ND	NC	NC	NC
Acenaphthene	µg	ND	ND	ND	NC	NC	NC
2,4-Dinitrophenol	µg	ND	ND	ND	NC	NC	NC
4-Nitrophenol	µg	ND	ND	ND	NC	NC	NC
2,4-Dinitrotoluene	µg	ND	ND	ND	NC	NC	NC
Dibenzofuran	µg	ND	ND	ND	NC	NC	NC
Diethylphthalate	µg	ND	0.33 J/JB	0.35 J/JB	NC	NC	NC
Fluorene	µg	ND	ND	ND	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND	ND	ND	NC	NC	NC
4-Nitroaniline	µg	ND	ND	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND	ND	ND	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND	ND	ND	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND	ND	ND	NC	NC	NC
Hexachlorobenzene	µg	ND	ND	ND	NC	NC	NC
Pentachlorophenol	µg	ND	ND	ND	NC	NC	NC
Phenanthrene	µg	ND	ND	ND	NC	NC	NC
Anthracene	µg	ND	ND	ND	NC	NC	NC
di-n-Butylphthalate	µg	0.58 J/JB	0.67 J/JB	0.63 J/JB	NC	NC	NC
Fluoranthene	µg	ND	ND	ND	NC	NC	NC
Pyrene	µg	ND	ND	ND	NC	NC	NC
Butylbenzylphthalate	µg	0.45 J/JB	0.41 J/JB	0.40 J/JB	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND	ND	ND	NC	NC	NC
Chrysene	µg	ND	ND	ND	NC	NC	NC
Benzo(a)anthracene	µg	ND	ND	ND	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	ND	ND	ND	NC	NC	NC
Di-n-Octylphthalate	µg	ND	ND	ND	NC	NC	NC
Benzo(b)fluoranthene	µg	ND	ND	ND	NC	NC	NC
Benzo(k)fluoranthene	µg	ND	ND	ND	NC	NC	NC
Benzo(a)pyrene	µg	ND	ND	ND	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND	ND	ND	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND	ND	ND	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND	ND	ND	NC	NC	NC
Total	**µg**	**26.30**	**71.00**	**ND**	**100.00%**	**100.00%**	**100.00%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier
µg = Microgram

Notes:
1. Destruction efficiency is not calculated where influent and/or effluent values are estimated.

Qualifiers:
J - Result is estimated
UJ - Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value
JB - Analyte is detected in the method blank resulting in potential bias high. Reported concentration is estimated

Table 5
Compliance Sampling Results
Off-Site ISVE System
Method TO-13 (SVOCs)
American Chemical Service, Griffith, Indiana

		Sample Date: 8/8/02					
		Analytical Data			Destruction Efficiency		
Compounds	Units	Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-13							
Phenol	µg	4.3 J/J	3.6 J/J	ND	NC	NC	NC
bis(2-Chloroethyl)ether	µg	ND	ND	ND	NC	NC	NC
2-Chlorophenol	µg	ND	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	µg	ND	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	µg	2.4	1.8	ND	100.00%	100.00%	100.00%
1,2-Dichlorobenzene	µg	20	15	ND	100.00%	100.00%	100.00%
2-Methylphenol (o-Cresol)	µg	ND	ND	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND	ND	ND	NC	NC	NC
4-Methylphenol	µg	ND	ND	ND	NC	NC	NC
Hexachloroethane	µg	ND	ND	ND	NC	NC	NC
Nitrobenzene	µg	ND	ND	ND	NC	NC	NC
Isophorone	µg	10	6.6	ND	NC	NC	NC
2-Nitrophenol	µg	ND	ND	ND	NC	NC	NC
2,4-Dimethylphenol	µg	ND	ND	ND	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND	ND	ND	NC	NC	NC
2,4-Dichlorophenol	µg	ND	ND	ND	NC	NC	NC
1,2,4-Trichlorobenzene	µg	0.84 J/J	0.56 J/J	ND	NC	NC	NC
Naphthalene	µg	22	16	ND	100.00%	100.00%	100.00%
4-Chloroaniline	µg	ND	ND	ND	NC	NC	NC
Hexachlorobutadiene	µg	0.69 J/J	0.50 J/J	ND	NC	NC	NC
4-Chloro-3-methylphenol	µg	ND	ND	ND	NC	NC	NC
2-Methylnaphthalene	µg	2.8	1.8	ND	100.00%	100.00%	100.00%
Hexachlorocyclopentadiene	µg	ND	ND	ND	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND	ND	ND	NC	NC	NC
2,4,5-Trichlorophenol	µg	ND	ND	ND	NC	NC	NC
2-Chloronaphthalene	µg	ND	ND	ND	NC	NC	NC
2-Nitroaniline	µg	ND	ND	ND	NC	NC	NC
Dimethylphthalate	µg	ND	ND	ND	NC	NC	NC
Acenaphthylene	µg	ND	ND	ND	NC	NC	NC
2,6-Dinitrotoluene	µg	ND	ND	ND	NC	NC	NC
3-Nitroaniline	µg	ND	ND	ND	NC	NC	NC
Acenaphthene	µg	ND /R	ND /R	ND /R	NC	NC	NC
2,4-Dinitrophenol	µg	ND	ND	ND	NC	NC	NC
4-Nitrophenol	µg	ND	ND	ND	NC	NC	NC
2,4-Dinitrotoluene	µg	ND	ND	ND	NC	NC	NC
Dibenzofuran	µg	ND	ND	ND	NC	NC	NC
Diethylphthalate	µg	ND	ND	0.40 J/J	NC	NC	NC
Fluorene	µg	ND	ND	ND	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND	ND	ND	NC	NC	NC
4-Nitroaniline	µg	ND	ND	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND	ND	ND	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND	ND	ND	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND	ND	ND	NC	NC	NC
Hexachlorobenzene	µg	ND	ND	ND	NC	NC	NC
Pentachlorophenol	µg	ND	ND	ND	NC	NC	NC
Phenanthrene	µg	ND	ND	ND	NC	NC	NC
Anthracene	µg	ND	ND	ND	NC	NC	NC
di-n-Butylphthalate	µg	ND	ND	ND	NC	NC	NC
Fluoranthene	µg	ND	ND	ND	NC	NC	NC
Pyrene	µg	ND	ND	ND	NC	NC	NC
Butylbenzylphthalate	µg	0.30 J/J	0.54 J/J	ND	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND	ND	ND	NC	NC	NC
Chrysene	µg	ND	ND	ND	NC	NC	NC
Benzo(a)anthracene	µg	ND	ND	ND	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	ND	ND	ND	NC	NC	NC
Di-n-Octylphthalate	µg	ND	ND	ND	NC	NC	NC
Benzo(b)fluoranthene	µg	ND	ND	ND	NC	NC	NC
Benzo(k)fluoranthene	µg	ND	ND	ND	NC	NC	NC
Benzo(a)pyrene	µg	ND	ND	ND	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND	ND	ND	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND	ND	ND	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND	ND	ND	NC	NC	NC
Total	µg	**57**	**41.2**	**ND**	**100.00%**	**100.00%**	**100.00%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier
µg = Microgram

Notes
1. Destruction efficiency is not calculated where influent and/or effluent values are estimated.

Qualifiers
J - Result is estimated
UJ - Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
JB - Analyte is detected in the method blank resulting in potential bias high. Reported concentration is estimated

Table 5
Compliance Sampling Results
Off-Site ISVE System
Method TO-13 (SVOCs)
American Chemical Service, Griffith, Indiana

		Sample Date: 11/14/02					
		Analytical Data			Destruction Efficiency		
Compounds	Units	Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-13							
Phenol	µg	2.6 J/J	9.5	ND	NC	NC	NC
bis(2-Chloroethyl)ether	µg	ND	ND	ND	NC	NC	NC
2-Chlorophenol	µg	ND	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	µg	ND	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	µg	1.8	7.0	ND	100.00%	100.00%	100.00%
1,2-Dichlorobenzene	µg	22	78	ND	100.00%	100.00%	100.00%
2-Methylphenol (o-Cresol)	µg	ND	ND	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND	ND	ND	NC	NC	NC
4-Methylphenol	µg	1.7 J/J	6.4	ND	NC	NC	NC
Hexachloroethane	µg	ND	ND	ND	NC	NC	NC
Nitrobenzene	µg	ND	ND	ND	NC	NC	NC
Isophorone	µg	17	56	ND	100.00%	100.00%	100.00%
2-Nitrophenol	µg	ND	ND	ND	NC	NC	NC
2,4-Dimethylphenol	µg	ND	ND	ND	NC	NC	NC
bis(2-Chloroethoxy) Methane	µg	ND	ND	ND	NC	NC	NC
2,4-Dichlorophenol	µg	ND	ND	ND	NC	NC	NC
1,2,4-Trichlorobenzene	µg	0.77 J/J	3.1	ND	NC	NC	NC
Naphthalene	µg	13	48	ND	100.00%	100.00%	100.00%
4-Chloroaniline	µg	ND	ND	ND	NC	NC	NC
Hexachlorobutadiene	µg	ND	1.2	ND	NC	100.00%	100.00%
4-Chloro-3-methylphenol	µg	ND	ND	ND	NC	NC	NC
2-Methylnaphthalene	µg	1.8	7.1	ND	100.00%	100.00%	100.00%
Hexachlorocyclopentadiene	µg	ND	ND	ND	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND	ND	ND	NC	NC	NC
2,4,5-Trichlorophenol	µg	ND	ND	ND	NC	NC	NC
2-Chloronaphthalene	µg	ND	ND	ND	NC	NC	NC
2-Nitroaniline	µg	ND	ND	ND	NC	NC	NC
Dimethylphthalate	µg	ND	ND	ND	NC	NC	NC
Acenaphthylene	µg	ND	ND	ND	NC	NC	NC
2,6-Dinitrotoluene	µg	ND	ND	ND	NC	NC	NC
3-Nitroaniline	µg	ND	ND	ND	NC	NC	NC
Acenaphthene	µg	ND	ND	ND	NC	NC	NC
2,4-Dinitrophenol	µg	ND	ND	ND	NC	NC	NC
4-Nitrophenol	µg	ND	ND	ND	NC	NC	NC
2,4-Dinitrotoluene	µg	ND	ND	ND	NC	NC	NC
Dibenzofuran	µg	ND	ND	ND	NC	NC	NC
Diethylphthalate	µg	ND	ND	ND	NC	NC	NC
Fluorene	µg	ND	ND	ND	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND	ND	ND	NC	NC	NC
4-Nitroaniline	µg	ND	ND	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND	ND	ND	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND	ND	ND	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND	ND	ND	NC	NC	NC
Hexachlorobenzene	µg	ND	ND	ND	NC	NC	NC
Pentachlorophenol	µg	ND	ND	ND	NC	NC	NC
Phenanthrene	µg	ND	ND	ND	NC	NC	NC
Anthracene	µg	ND	ND	ND	NC	NC	NC
di-n-Butylphthalate	µg	ND	ND	ND	NC	NC	NC
Fluoranthene	µg	ND	ND	ND	NC	NC	NC
Pyrene	µg	ND	ND	ND	NC	NC	NC
Butylbenzylphthalate	µg	0.70 J/JB	0.71 J/JB	0.94 J/JB	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND	ND	ND	NC	NC	NC
Chrysene	µg	ND	ND	ND	NC	NC	NC
Benzo(a)anthracene	µg	ND	ND	ND	NC	NC	NC
bis(2-Ethylhexyl)phthalate	µg	ND	ND	18	NC	NC	NC
Di-n-Octylphthalate	µg	ND	ND	ND	NC	NC	NC
Benzo(b)fluoranthene	µg	ND	ND	ND	NC	NC	NC
Benzo(k)fluoranthene	µg	ND	ND	ND	NC	NC	NC
Benzo(a)pyrene	µg	ND	ND	ND	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND	ND	ND	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND	ND	ND	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND	ND	ND	NC	NC	NC
Total	µg	**55.6**	**216.3**	**18**	**100.00%**	**100.00%**	**100.00%**

ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier
µg = Microgram

Notes:
1. Destruction efficiency is not calculated where influent and/or effluent values are estimated.

Qualifiers:
J - Result is estimated
UJ - Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
JB - Analyte is detected in the method blank resulting in potential bias high. Reported concentration is estimated

Table 5
Compliance Sampling Results
Off-Site ISVE System
Method TO-13 (SVOCs)
American Chemical Service, Griffith, Indiana

		Sample Date: 12/12/02					
		Analytical Data			Destruction Efficiency		
Compounds	Units	Influent IN1	Influent IN2	Effluent EF1	Low (%)	High (%)	Average (%)
Method TO-13							
Phenol	µg	0.76 J/J	1.7	ND	NC	NC	NC
bis(2-Chloroethyl)ether	µg	31	63	ND	100.00%	100.00%	100.00%
2-Chlorophenol	µg	ND	ND	ND	NC	NC	NC
1,3-Dichlorobenzene	µg	ND	ND	ND	NC	NC	NC
1,4-Dichlorobenzene	µg	ND	ND	ND	NC	NC	NC
1,2-Dichlorobenzene	µg	ND	ND	ND	NC	NC	NC
2-Methylphenol (o-Cresol)	µg	ND	ND	ND	NC	NC	NC
N-Nitroso-di-n-propylamine	µg	ND	ND	ND	NC	NC	NC
4-Methylphenol	µg	ND	ND	ND	NC	NC	NC
Hexachloroethane	µg	ND	ND	ND	NC	NC	NC
Nitrobenzene	µg	ND	ND	ND	NC	NC	NC
Isophorone	µg	ND	ND	ND	NC	NC	NC
2-Nitrophenol	µg	ND	ND	ND	NC	NC	NC
2,4-Dimethylphenol	µg	1.3	3.0	ND	100.00%	100.00%	100.00%
bis(2-Chloroethoxy) Methane	µg	ND	ND	ND	NC	NC	NC
2,4-Dichlorophenol	µg	ND	ND	ND	NC	NC	NC
1,2,4-Trichlorobenzene	µg	ND	ND	ND	NC	NC	NC
Naphthalene	µg	ND	ND	ND	NC	NC	NC
4-Chloroaniline	µg	ND	ND	ND	NC	NC	NC
Hexachlorobutadiene	µg	ND	ND	ND	NC	NC	NC
4-Chloro-3-methylphenol	µg	ND	ND	ND	NC	NC	NC
2-Methylnaphthalene	µg	ND	ND	ND	NC	NC	NC
Hexachlorocyclopentadiene	µg	ND	ND	ND	NC	NC	NC
2,4,6-Trichlorophenol	µg	ND	ND	ND	NC	NC	NC
2,4,5-Trichlorophenol	µg	ND	ND	ND	NC	NC	NC
2-Chloronaphthalene	µg	ND	ND	ND	NC	NC	NC
2-Nitroaniline	µg	ND	ND	ND	NC	NC	NC
Dimethylphthalate	µg	ND	ND	ND	NC	NC	NC
Acenaphthylene	µg	ND	ND	ND	NC	NC	NC
2,6-Dinitrotoluene	µg	ND	ND	ND	NC	NC	NC
3-Nitroaniline	µg	ND	ND	ND	NC	NC	NC
Acenaphthene	µg	ND	ND	ND	NC	NC	NC
2,4-Dinitrophenol	µg	ND	ND	ND	NC	NC	NC
4-Nitrophenol	µg	ND	ND	ND	NC	NC	NC
2,4-Dinitrotoluene	µg	ND	ND	ND	NC	NC	NC
Dibenzofuran	µg	ND	ND	ND	NC	NC	NC
Diethylphthalate	µg	ND	ND	ND	NC	NC	NC
Fluorene	µg	ND	ND	ND	NC	NC	NC
4-Chlorophenyl-phenyl Ether	µg	ND	ND	ND	NC	NC	NC
4-Nitroaniline	µg	ND	ND	ND	NC	NC	NC
4,6-Dinitro-2-methylphenol	µg	ND	ND	ND	NC	NC	NC
N-Nitrosodiphenylamine	µg	ND	ND	ND	NC	NC	NC
4-Bromophenyl-phenyl Ether	µg	ND	ND	ND	NC	NC	NC
Hexachlorobenzene	µg	ND	ND	ND	NC	NC	NC
Pentachlorophenol	µg	ND	ND	ND	NC	NC	NC
Phenanthrene	µg	ND	ND	ND	NC	NC	NC
Anthracene	µg	ND	ND	ND	NC	NC	NC
di-n-Butylphthalate	µg	ND	ND	ND	NC	NC	NC
Fluoranthene	µg	ND	ND	ND	NC	NC	NC
Pyrene	µg	ND	0.65 J/J	ND	NC	NC	NC
Butylbenzylphthalate	µg	ND	ND	ND	NC	NC	NC
3,3'-Dichlorobenzidine	µg	ND	ND	ND	NC	NC	NC
Chrysene	µg	ND	ND	ND	NC	NC	NC
Benzo(a)anthracene	µg	12	23	ND	100.00%	100.00%	100.00%
bis(2-Ethylhexyl)phthalate	µg	13	30	ND	100.00%	100.00%	100.00%
Di-n-Octylphthalate	µg	ND	ND	ND	NC	NC	NC
Benzo(b)fluoranthene	µg	ND	ND	ND	NC	NC	NC
Benzo(k)fluoranthene	µg	ND	ND	ND	NC	NC	NC
Benzo(a)pyrene	µg	ND	ND	ND	NC	NC	NC
Indeno(1,2,3-c,d)pyrene	µg	ND	ND	ND	NC	NC	NC
Dibenz(a,h)anthracene	µg	ND	ND	ND	NC	NC	NC
Benzo(g,h,i)perylene	µg	ND	ND	ND	NC	NC	NC
Total	**µg**	**57.3**	**120.7**	**ND**	**100.00%**	**100.00%**	**100.00%**

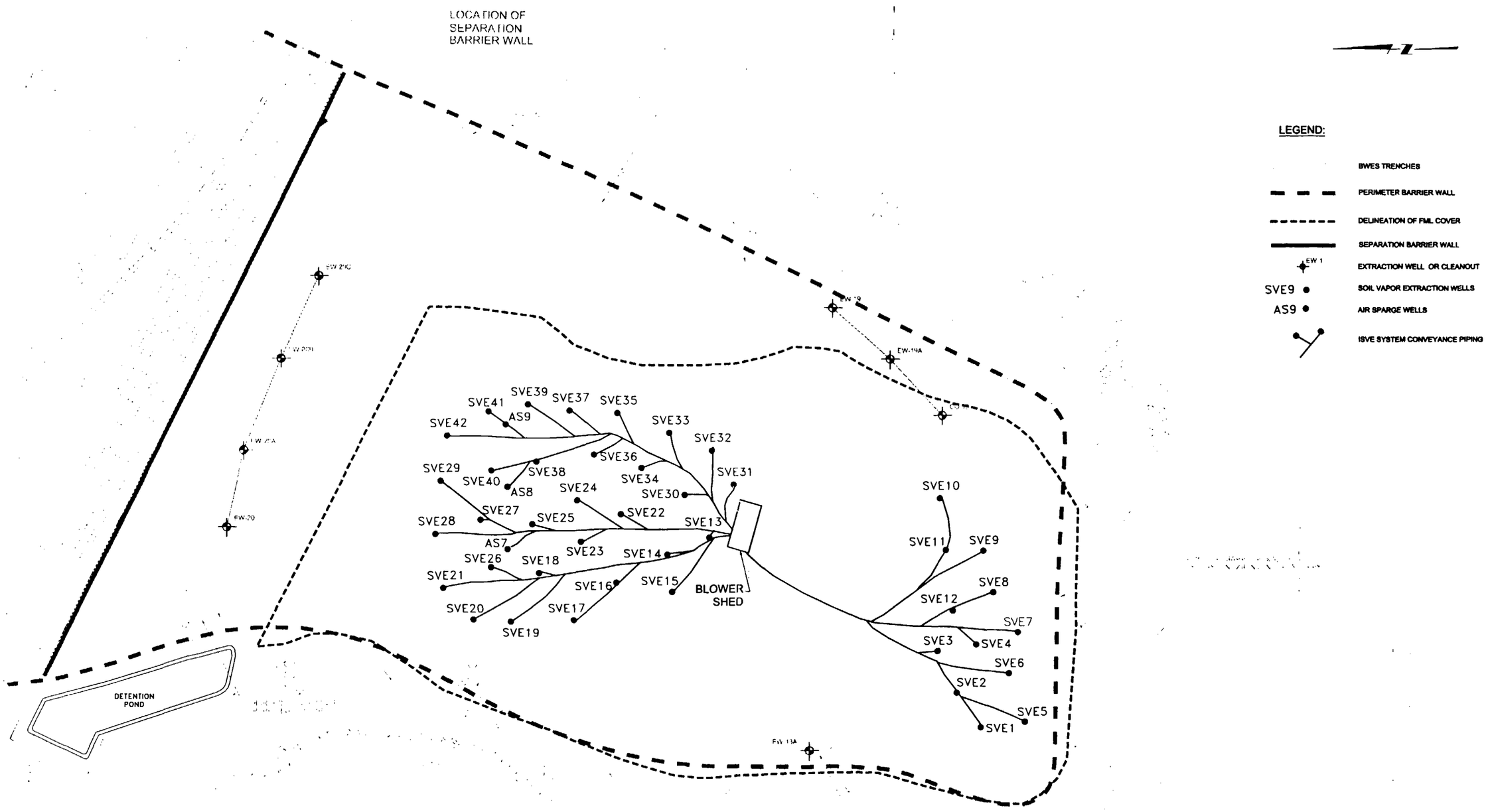
ND = Not Detected
ppbv = parts per billion volumetric
lb/hr = pounds per hour
NC = Not Calculated
_/ = Laboratory data qualifier
/_ = Data validation qualifier
µg = Microgram

Notes:
1 Destruction efficiency is not calculated where influent and/or effluent values are estimated

Qualifiers:
J - Result is estimated
UJ - Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
JB - Analyte is detected in the method blank resulting in potential bias high. Reported concentration is estimated.

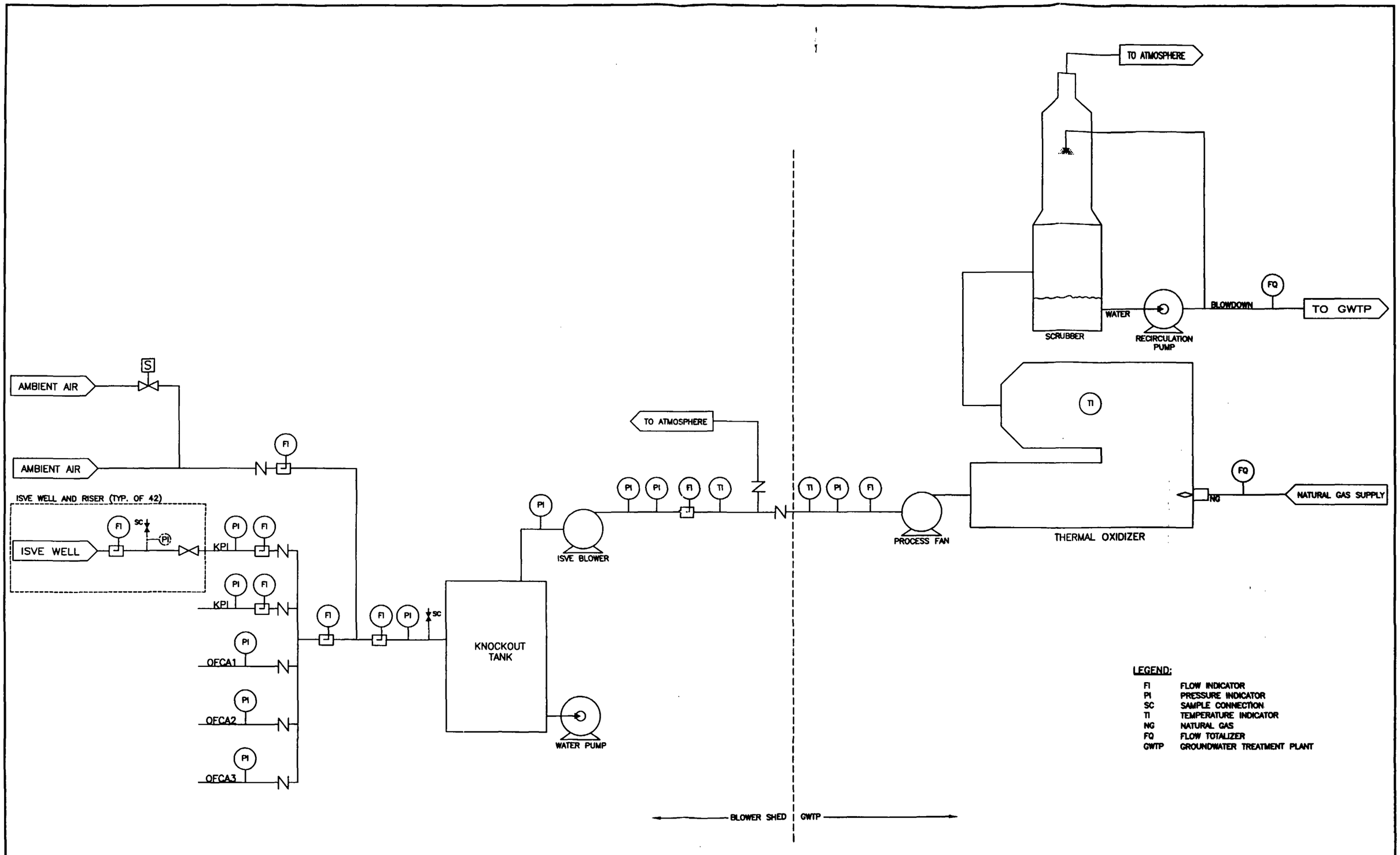
Figures

MWH



REV	DATE	BY	DESCRIPTION	SCALE	WARNING		SUBMITTED BY					
				1" = 50'-0"	0 1/2 1 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE	DESIGNED DRAWN CHECKED	(PROJECT MANAGER) (COMPANY OFFICER)	LICENSE NO LICENSE NO.	DATE DATE	MWH	ACS RD/RA GROUP AMERICAN CHEMICAL SERVICE SUPERFUND SITE GRIFFITH, INDIANA	OFF-SITE AREA ISVE SYSTEM	FIGURE 1

J:\209\0601 ACS\0110 ISVE Off-Site\DRAWINGS\ISVE System.dwg, 07/15/03 01:30:53 PM



REV	DATE	BY	DESCRIPTION	SCALE		SUBMITTED BY		
				NOT TO SCALE	DESIGNED CAD	(PROJECT MANAGER'S NAME)	LICENSE NO.	DATE
					DRAWN MM			
					CHECKED RAA	(COMPANY OFFICER'S NAME)	LICENSE NO.	DATE

MWH

ACS RD/RA GROUP
AMERICAN CHEMICAL SERVICE SUPERFUND SITE
GRIFFITH, INDIANA

OFF-SITE AREA ISVE SYSTEM
PROCESS FLOW DIAGRAM

FIGURE 2

J:\209\0601 ACS\0110 ISVE Off-Site\DRAWINGS\OFF-SITE ISVE PFD.dwg, 08/08/03 07:30:40 AM

FIGURE 3
VOC Concentrations in Extracted Vapor
OFCA ISVE System
American Chemical Service, Griffith, Indiana

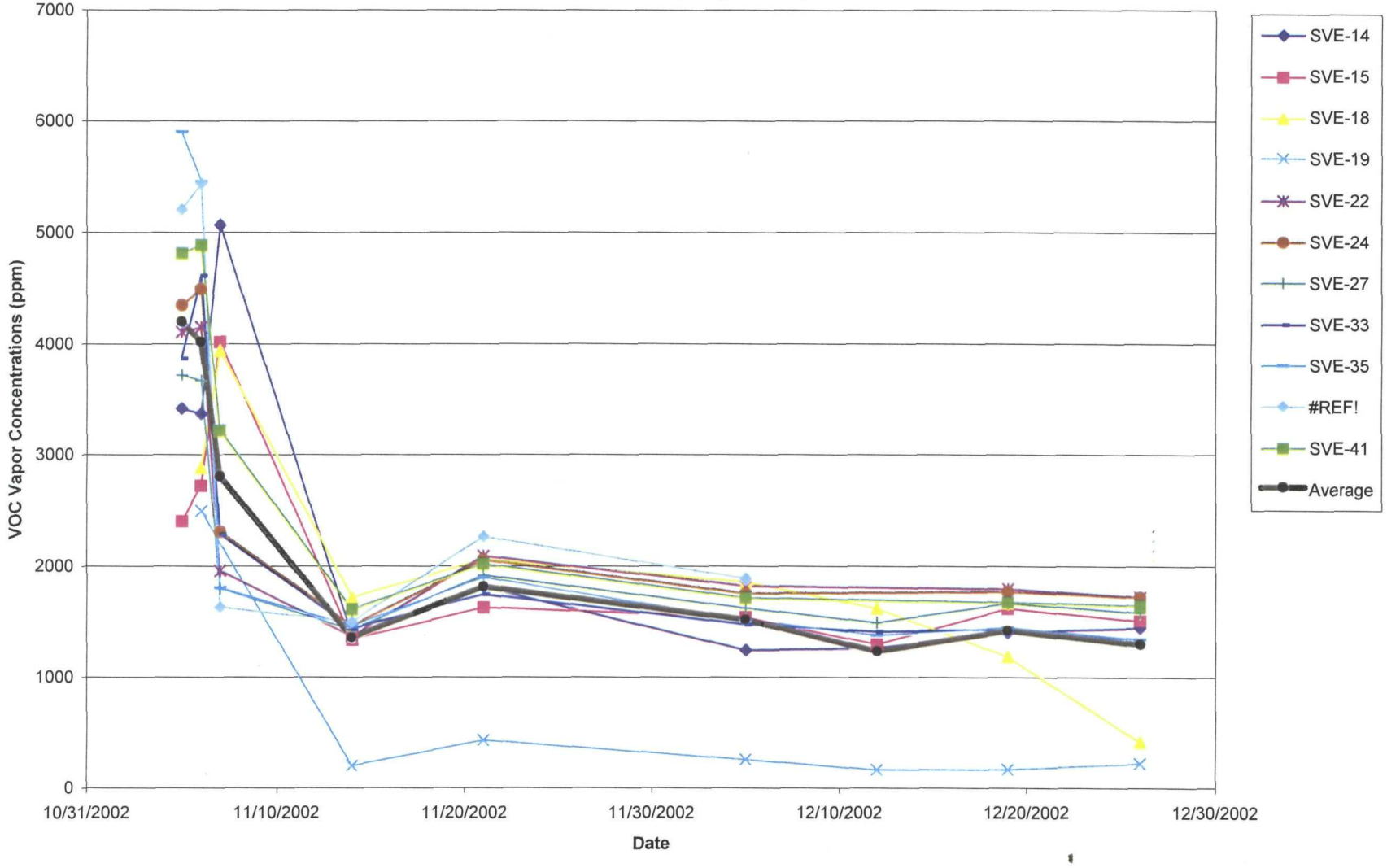


FIGURE 4
VOC Concentrations in Extracted Vapor
K-P Area ISVE System
American Chemical Service, Griffith, Indiana

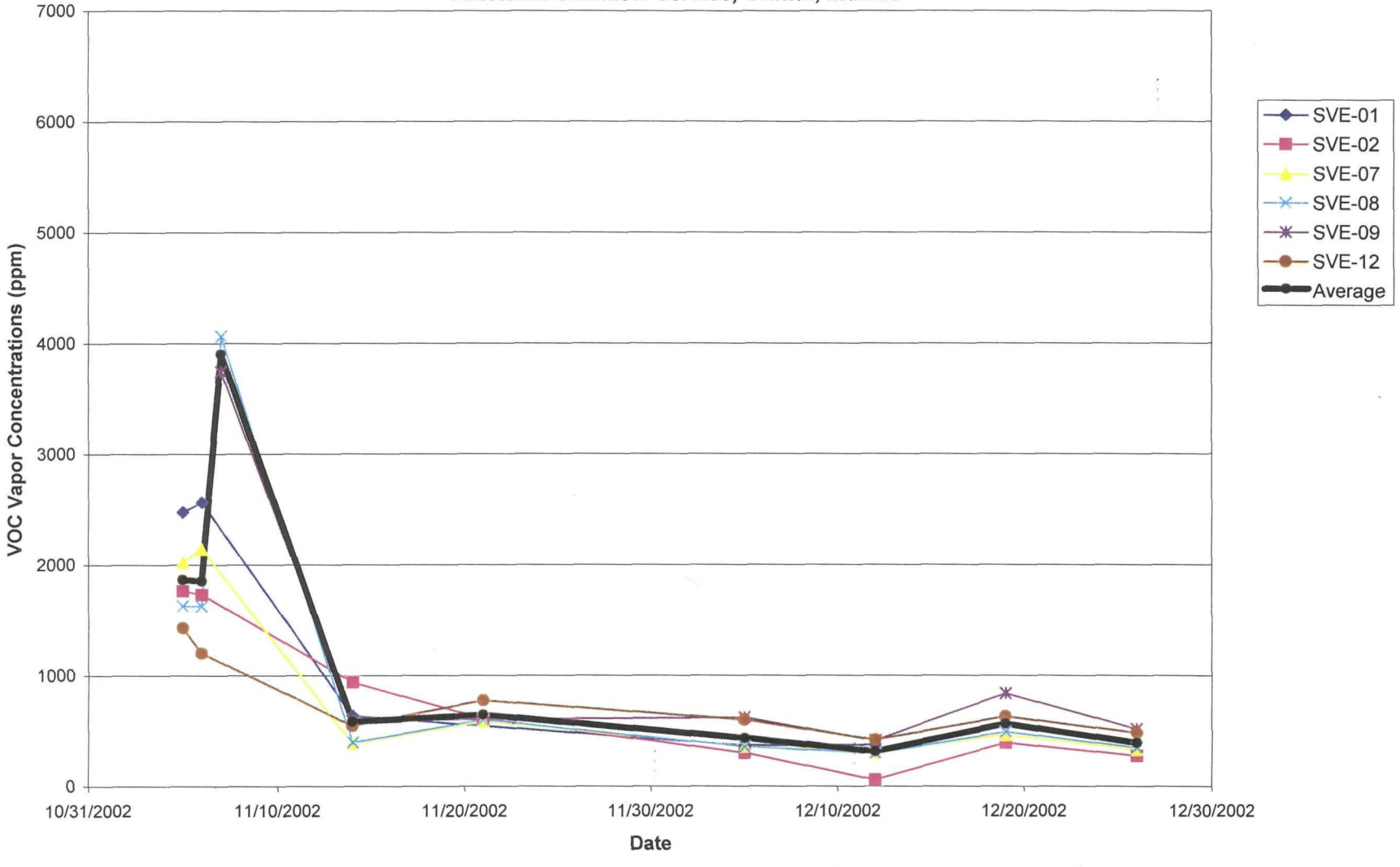


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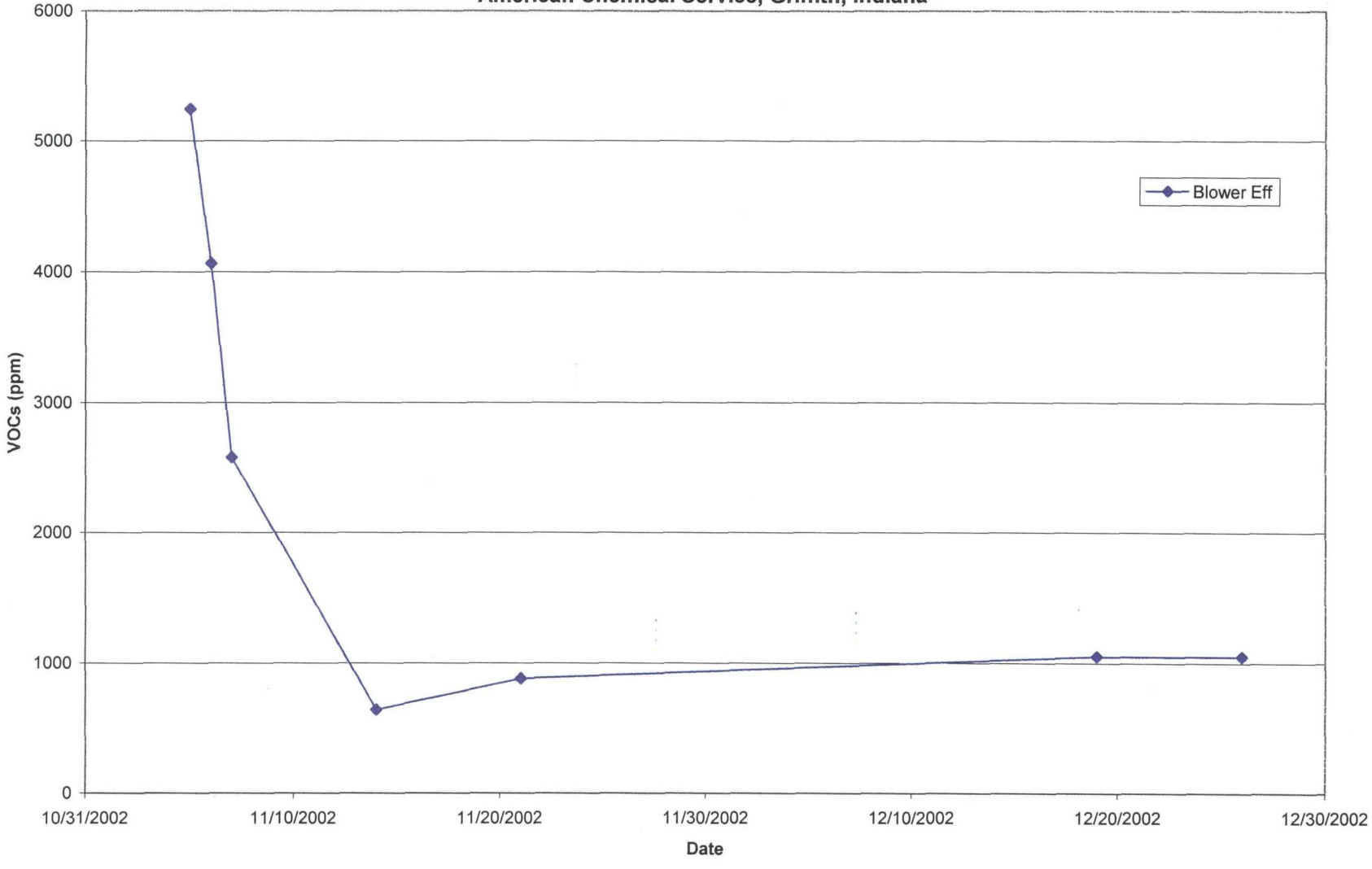
FIGURE 5
Total Extracted VOC Concentrations (at Blower Effluent)
KP Area and OFCA Systems
American Chemical Service, Griffith, Indiana



APPENDIX A

COMPLIANCE SAMPLING ANALYTICAL DATA

April 26, 2002 Compliance Sample Laboratory Results

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-001A

ID#: 0204587A-04A

EPA METHOD TO-14 GC/MS FULL SCAN

File Name: [redacted] Date of Collection: 4/26/02
Dil. Factor: [redacted] Date of Analysis: 5/8/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	0.67	1.4	2.3	4.7
Vinyl Chloride	0.67	1.7	0.95	2.5
Bromomethane	0.67	2.6	Not Detected	Not Detected
Chloroethane	0.67	1.8	Not Detected	Not Detected
1,1-Dichloroethene	0.67	2.7	3.4	14
Methylene Chloride	0.67	2.4	0.88 B	3.1
1,1-Dichloroethane	0.67	2.8	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.67	2.7	0.50 J J	2.0 J
Chloroform	0.67	3.3	Not Detected	Not Detected
1,1,1-Trichloroethane	0.67	3.7	0.13 J J	0.75 J
Carbon Tetrachloride	0.67	4.3	0.13 J J	0.82 J
Benzene	0.67	2.2	0.83	2.7
1,2-Dichloroethane	0.67	2.8	Not Detected	Not Detected
Trichloroethene	0.67	3.6	1.2	6.5
1,2-Dichloropropane	0.67	3.1	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.67	3.1	Not Detected	Not Detected
Toluene	0.67	2.6	0.60 J J	2.3 J
trans-1,3-Dichloropropene	0.67	3.1	Not Detected	Not Detected
1,1,2-Trichloroethane	0.67	3.7	Not Detected	Not Detected
Tetrachloroethene	0.67	4.6	1.2	8.2
Chlorobenzene	0.67	3.1	0.11 J J	0.52 J
Ethyl Benzene	0.67	3.0	Not Detected	Not Detected
m,p-Xylene	0.67	3.0	Not Detected	Not Detected
o-Xylene	0.67	3.0	Not Detected	Not Detected
Styrene	0.67	2.9	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.67	4.7	Not Detected	Not Detected
Acetone	2.7	6.5	3.3	8.1
Carbon Disulfide	2.7	8.5	0.30 J J	0.95 J
trans-1,2-Dichloroethene	2.7	11	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.7	8.0	0.82 J J	2.5 J
Bromodichloromethane	2.7	18	Not Detected	Not Detected
4-Methyl-2-pentanone	2.7	11	Not Detected	Not Detected
2-Hexanone	2.7	11	Not Detected	Not Detected
Dibromochloromethane	2.7	23	Not Detected	Not Detected
Bromoform	2.7	28	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Silonite Canister

LH 5/29/

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-001A

ID#: 0204587A-04A

EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	[illegible]050815[illegible]	Date of Collection:	4/26/02[illegible]
Dil. Factor:	[illegible]	Date of Analysis:	[illegible]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	89	70-130

LH
5/29/0

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-001A

ID#: 0204587A-05A

EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	r050910	Date of Collection:	4/26/02
[illegible]	[illegible]	Date of Analysis:	5/9/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	900	1900	Not Detected	Not Detected
Vinyl Chloride	900	2300	13000	33000
Bromomethane	900	3500	Not Detected	Not Detected
Chloroethane	900	2400	12000	32000
1,1-Dichloroethene	900	3600	710 J J	2800 J
Methylene Chloride	900	3200	160000	560000
1,1-Dichloroethane	900	3700	36000	150000
cis-1,2-Dichloroethene	900	3600	17000	70000
Chloroform	900	4400	3500	17000
1,1,1-Trichloroethane	900	5000	89000	490000
Carbon Tetrachloride	900	5700	Not Detected	Not Detected
Benzene	900	2900	58000	190000
1,2-Dichloroethane	900	3700	1800	7300
Trichloroethene	900	4900	32000	170000
1,2-Dichloropropane	900	4200	Not Detected	Not Detected
cis-1,3-Dichloropropene	900	4100	Not Detected	Not Detected
Toluene	900	3400	190000	720000
trans-1,3-Dichloropropene	900	4100	Not Detected	Not Detected
1,1,2-Trichloroethane	900	5000	Not Detected	Not Detected
Tetrachloroethene	900	6200	12000	83000
Chlorobenzene	900	4200	Not Detected	Not Detected
Ethyl Benzene	900	3900	13000	57000
m,p-Xylene	900	4000	50000	220000
o-Xylene	900	4000	14000	63000
Styrene	900	3900	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	900	6200	Not Detected	Not Detected
Acetone	3600	8600	28000	67000
Carbon Disulfide	3600	11000	Not Detected	Not Detected
trans-1,2-Dichloroethene	3600	14000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3600	11000	27000	81000
Bromodichloromethane	3600	24000	Not Detected	Not Detected
4-Methyl-2-pentanone	3600	15000	6900	28000
2-Hexanone	3600	15000	Not Detected	Not Detected
Dibromochloromethane	3600	31000	Not Detected	Not Detected
Bromoform	3600	38000	Not Detected UJ	Not Detected

J = Estimated value.

Container Type: 6 Liter Silonite Canister

LH 4/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-001A

ID#: 0204587A-05A

EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	050910[illegible]	Date of Collection:	4/26/02[illegible]
Dil. Factor:	[illegible]	Date of Analysis:	[illegible]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	88	70-130

LH
5/29/0

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-001A

ID#: 0204587A-06A

EPA METHOD TO-14 GC/MS FULL SCAN

File Name: [illegible] Date of Collection: 4/26/02
Dil. Factor: [illegible] Date of Analysis: 5/9/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	52	110	Not Detected	Not Detected
Vinyl Chloride	52	130	2800	7300
Bromomethane	52	200	Not Detected	Not Detected
Chloroethane	52	140	1900	5000
1,1-Dichloroethene	52	210	35 J J	140 J
Methylene Chloride	52	180	3700	13000
1,1-Dichloroethane	52	210	1200	5000
cis-1,2-Dichloroethene	52	210	10000	41000
Chloroform	52	260	62	310
1,1,1-Trichloroethane	52	280	390	2200
Carbon Tetrachloride	52	330	Not Detected	Not Detected
Benzene	52	170	13000	44000
1,2-Dichloroethane	52	210	300	1200
Trichloroethene	52	280	90	490
1,2-Dichloropropane	52	240	120	540
cis-1,3-Dichloropropene	52	240	Not Detected	Not Detected
Toluene	52	200	9900	38000
trans-1,3-Dichloropropene	52	240	Not Detected	Not Detected
1,1,2-Trichloroethane	52	280	21 J J	120 J
Tetrachloroethene	52	360	27 J J	180 J
Chlorobenzene	52	240	1000	4700
Ethyl Benzene	52	230	1800	8200
m,p-Xylene	52	230	9400	41000
o-Xylene	52	230	3100	14000
Styrene	52	220	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	52	360	Not Detected	Not Detected
Acetone	210	500	690	1600
Carbon Disulfide	210	650	Not Detected	Not Detected
trans-1,2-Dichloroethene	210	830	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	210	620	350	1000
Bromodichloromethane	210	1400	Not Detected	Not Detected
4-Methyl-2-pentanone	210	860	450	1900
2-Hexanone	210	860	Not Detected	Not Detected
Dibromochloromethane	210	1800	Not Detected	Not Detected
Bromoform	210	2200	Not Detected US	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH 5/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-001A

ID#: 0204587A-06A

EPA METHOD TO-14 GC/MS FULL SCAN

File Name: [redacted]050909[redacted] Date of Collection: 4/26/02 [redacted]
Dil. Factor: [redacted] Date of Analysis: [redacted]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	90	70-130

LH 5/29/

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-001A

ID#: 0204587B-04A

EPA METHOD TO-13 GC/MS FULL SCAN

File Name: [illegible] y0507[illegible]	Date of Collection: 4/26/02
Dil. Fac[illegible]	Date of Analysis: [illegible]
	Date of Extraction: 4/29/02

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	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
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

LH 5/29/0

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-001A

ID#: 0204587B-04A

EPA METHOD TO-13 GC/MS FULL SCAN

File Name: y050721 Date of Collection: 4/26/02
Dil. Fac. Date of Analysis: [illegible]
Date of Extraction: 4/29/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	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: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	80	50-150
Phenol-d5	94	50-150
Nitrobenzene-d5	80	50-150
2-Fluorobiphenyl	90	60-120
2,4,6-Tribromophenol	69	50-150
Terphenyl-d14	100	60-120

LH 5/29

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-001A

ID#: 0204587B-05A

EPA METHOD TO-13 GC/MS FULL SCAN

File Name: y050722	Date of Collection: 4/26/02
Dil Factor:	Date of Analysis: 4/29/02
	Date of Extraction: 4/29/02

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	2.3
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-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	3.0
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	Not Detected
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

LH 5/29

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-001A

ID#: 0204587B-05A

EPA METHOD TO-13 GC/MS FULL SCAN

File Name: Y05072 Date of Collection: 4/26/02
Date of Extraction: 4/29/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	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: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	79	50-150
Phenol-d5	88	50-150
Nitrobenzene-d5	87	50-150
2-Fluorobiphenyl	88	60-120
2,4,6-Tribromophenol	80	50-150
Terphenyl-d14	103	60-120

LH 5/29/

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-001A

ID#: 0204587B-06A

EPA METHOD TO-13 GC/MS FULL SCAN

File Name	y0507[illegible]	Date of Collection 4/26/02
Dil Fac		[illegible]
		Date of Extraction 4/29/02

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	10
1,2-Dichlorobenzene	1.0	17
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-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	16
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	4.6
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

4/29

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-001A

ID#: 0204587B-06A

EPA METHOD TO-13 GC/MS FULL SCAN

File Name: y0507	Date of Collection: 4/26/02
Dilution: [illegible]	Date of Analysis: [illegible]
	Date of Extraction: 4/29/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	2.2 J 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: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	63	50-150
Phenol-d5	75	50-150
Nitrobenzene-d5	80	50-150
2-Fluorobiphenyl	82	60-120
2,4,6-Tribromophenol	55	50-150
Terphenyl-d14	103	60-120

LH 5/29

May 22, 2002 Compliance Sample Laboratory Results

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-002A

ID#: 0205485-04A

EPA METHOD TO-14 GC/MS FULL SCAN

[redacted]

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	0.70	1.4	0.92	1.9
Vinyl Chloride	0.70	1.8	2.2	5.6
Bromomethane	0.70	2.7	Not Detected	Not Detected
Chloroethane	0.70	1.9	1.8	4.7
1,1-Dichloroethene	0.70	2.8	Not Detected	Not Detected
Methylene Chloride	0.70	2.4	2.2	7.9
1,1-Dichloroethane	0.70	2.8	1.1	4.5
cis-1,2-Dichloroethene	0.70	2.8	6.4	26
Chloroform	0.70	3.4	0.31 J /J	1.5 J
1,1,1-Trichloroethane	0.70	3.8	0.31 J /J	1.7 J
Carbon Tetrachloride	0.70	4.4	0.11 J /J	0.68 J
Benzene	0.70	2.2	0.23 J /J	0.75 J
1,2-Dichloroethane	0.70	2.8	0.17 J /J	0.70 J
Trichloroethene	0.70	3.8	Not Detected	Not Detected
1,2-Dichloropropane	0.70	3.3	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.70	3.2	Not Detected	Not Detected
Toluene	0.70	2.7	0.20 J /J	0.78 J
trans-1,3-Dichloropropene	0.70	3.2	Not Detected	Not Detected
1,1,2-Trichloroethane	0.70	3.8	Not Detected	Not Detected
Tetrachloroethene	0.70	4.8	Not Detected	Not Detected
Chlorobenzene	0.70	3.2	Not Detected	Not Detected
Ethyl Benzene	0.70	3.1	Not Detected	Not Detected
m,p-Xylene	0.70	3.1	Not Detected	Not Detected
o-Xylene	0.70	3.1	Not Detected	Not Detected
Styrene	0.70	3.0	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.70	4.8	Not Detected	Not Detected
Acetone	2.8	6.7	8.4	20
Carbon Disulfide	2.8	8.8	0.73 J /J	2.3 J
trans-1,2-Dichloroethene	2.8	11	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.8	8.3	18	54
Bromodichloromethane	2.8	19	Not Detected	Not Detected
4-Methyl-2-pentanone	2.8	12	Not Detected	Not Detected
2-Hexanone	2.8	12	Not Detected	Not Detected
Dibromochloromethane	2.8	24	Not Detected	Not Detected
Bromoform	2.8	29	Not Detected /UJ	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH
6/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-002A

ID#: 0205485-04A

EPA METHOD TO-14 GC/MS FULL SCAN

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	93	70-130

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-002A

ID#: 0205485-05A

EPA METHOD TO-14 GC/MS FULL SCAN

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	5400	11000	Not Detected	Not Detected
Vinyl Chloride	5400	14000	30000	79000
Bromomethane	5400	22000	Not Detected	Not Detected
Chloroethane	5400	15000	21000	56000
1,1-Dichloroethene	5400	22000	3300 J 15	13000 J
Methylene Chloride	5400	19000	690000	2400000
1,1-Dichloroethane	5400	22000	160000	660000
cis-1,2-Dichloroethene	5400	22000	160000	660000
Chloroform	5400	27000	19000	94000
1,1,1-Trichloroethane	5400	30000	480000	2700000
Carbon Tetrachloride	5400	35000	Not Detected	Not Detected
Benzene	5400	18000	430000	1400000
1,2-Dichloroethane	5400	22000	9600	39000
Trichloroethene	5400	30000	160000	900000
1,2-Dichloropropane	5400	26000	3100 J 15	14000 J
cis-1,3-Dichloropropene	5400	25000	Not Detected	Not Detected
Toluene	5400	21000	980000	3800000
trans-1,3-Dichloropropene	5400	25000	Not Detected	Not Detected
1,1,2-Trichloroethane	5400	30000	Not Detected	Not Detected
Tetrachloroethene	5400	38000	73000	500000
Chlorobenzene	5400	26000	Not Detected	Not Detected
Ethyl Benzene	5400	24000	57000	250000
m,p-Xylene	5400	24000	200000	900000
o-Xylene	5400	24000	53000	230000
Styrene	5400	24000	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	5400	38000	Not Detected	Not Detected
Acetone	22000	53000	95000	230000
Carbon Disulfide	22000	69000	Not Detected	Not Detected
trans-1,2-Dichloroethene	22000	88000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	22000	65000	130000	380000
Bromodichloromethane	22000	150000	Not Detected	Not Detected
4-Methyl-2-pentanone	22000	91000	39000	160000
2-Hexanone	22000	91000	Not Detected	Not Detected
Dibromochloromethane	22000	190000	Not Detected	Not Detected
Bromoform	22000	230000	Not Detected /UJ	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH 6/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-002A

ID#: 0205485-05A

EPA METHOD TO-14 GC/MS FULL SCAN

[illegible]	[illegible]	[illegible]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	93	70-130

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-002A

ID#: 0205485-06A

EPA METHOD TO-14 GC/MS FULL SCAN

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	5600	12000	Not Detected	Not Detected
Vinyl Chloride	5600	14000	35000	91000
Bromomethane	5600	22000	Not Detected	Not Detected
Chloroethane	5600	15000	24000	63000
1,1-Dichloroethene	5600	22000	4300 J J	17000 J
Methylene Chloride	5600	20000	810000	2800000
1,1-Dichloroethane	5600	23000	190000	770000
cis-1,2-Dichloroethene	5600	22000	190000	770000
Chloroform	5600	28000	23000	110000
1,1,1-Trichloroethane	5600	31000	580000	3200000
Carbon Tetrachloride	5600	35000	Not Detected	Not Detected
Benzene	5600	18000	500000	1600000
1,2-Dichloroethane	5600	23000	12000	48000
Trichloroethene	5600	30000	200000	1100000
1,2-Dichloropropane	5600	26000	4000 J J	19000 J
cis-1,3-Dichloropropene	5600	26000	Not Detected	Not Detected
Toluene	5600	21000	1100000	4300000
trans-1,3-Dichloropropene	5600	26000	Not Detected	Not Detected
1,1,2-Trichloroethane	5600	31000	Not Detected	Not Detected
Tetrachloroethene	5600	38000	83000	570000
Chlorobenzene	5600	26000	Not Detected	Not Detected
Ethyl Benzene	5600	24000	64000	280000
m,p-Xylene	5600	24000	230000	1000000
o-Xylene	5600	24000	61000	270000
Styrene	5600	24000	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	5600	39000	Not Detected	Not Detected
Acetone	22000	54000	110000	270000
Carbon Disulfide	22000	70000	Not Detected	Not Detected
trans-1,2-Dichloroethene	22000	89000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	22000	66000	150000	440000
Bromodichloromethane	22000	150000	Not Detected	Not Detected
4-Methyl-2-pentanone	22000	92000	46000	190000
2-Hexanone	22000	92000	Not Detected	Not Detected
Dibromochloromethane	22000	190000	Not Detected	Not Detected
Bromoform	22000	230000	Not Detected UJ	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH 6/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-002A

ID#: 0205485-06A

EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	[illegible]	Date of Collection:	5/22/02
[illegible]	[illegible]	[illegible]	[illegible]

Surrogates	*%Recovery*	Method *Limits*
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	92	70-130

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-002A

ID#: 0205477-04A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	**k060619**	**Date of Collection: 5/22/02**
Dil. Factor:	**1.00**	**Date of Analysis: 6/6/02**
		Date of Extraction: 5/23/02

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	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
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-002A

ID#: 0205477-04A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	**k060619**	**Date of Collection: 5/22/02**
Dil. Factor:	**1.00**	**Date of Analysis: 6/6/02**
		Date of Extraction: 5/23/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	0.79 J /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	1.7 J /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: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	106	50-150
Phenol-d5	97	50-150
Nitrobenzene-d5	88	50-150
2-Fluorobiphenyl	88	60-120
2,4,6-Tribromophenol	103	50-150
Terphenyl-d14	92	60-120

LH 6/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-002A

ID#: 0205477-05B

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	**k061005**	**Date of Collection: 5/22/02**
Dil. Factor:	**1.00**	**Date of Analysis: 6/10/02**
		Date of Extraction: 5/23/02

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	1.4
1,2-Dichlorobenzene	1.0	14
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	4.1
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	0.45 J /J
Naphthalene	1.0	10
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	0.99 J /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	0.82 J /JB
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

LH 10/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-002A

ID#: 0205477-05B

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	**k061005**	**Date of Collection: 5/22/02**
Dil. Factor:	**1.00**	**Date of Analysis: 6/10/02**
		Date of Extraction: 5/23/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	0.77 J /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	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.
Q = Exceeds Quality Control limits.
Container Type: XAD Tube: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	36 Q	50-150
Phenol-d5	80	50-150
Nitrobenzene-d5	83	50-150
2-Fluorobiphenyl	90	60-120
2,4,6-Tribromophenol	81	50-150
Terphenyl-d14	92	60-120

LH 6/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-002A

ID#: 0205477-06B

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	**k061006**	**Date of Collection: 5/22/02**
Dil. Factor:	**1.00**	**Date of Analysis: 6/10/02**
		Date of Extraction: 5/23/02

Compound	Rpt. Limit (ug)	Amount (ug)	
Phenol	5.0	Not Detected	/UJ
bis(2-Chloroethyl) Ether	1.0	Not Detected	/UJ
2-Chlorophenol	5.0	Not Detected	/UJ
1,3-Dichlorobenzene	1.0	Not Detected	/UJ
1,4-Dichlorobenzene	1.0	Not Detected	/UJ
1,2-Dichlorobenzene	1.0	27	/J
2-Methylphenol (o-Cresol)	5.0	Not Detected	/UJ
N-Nitroso-di-n-propylamine	1.0	Not Detected	/UJ
4-Methylphenol	5.0	Not Detected	/UJ
Hexachloroethane	1.0	Not Detected	/UJ
Nitrobenzene	1.0	Not Detected	/UJ
Isophorone	1.0	7.4	/J
2-Nitrophenol	5.0	Not Detected	/UJ
2,4-Dimethylphenol	5.0	Not Detected	/UJ
bis(2-Chloroethoxy) Methane	1.0	Not Detected	/UJ
2,4-Dichlorophenol	5.0	Not Detected	/UJ
1,2,4-Trichlorobenzene	1.0	0.96 J	/J
Naphthalene	1.0	22	/J
4-Chloroaniline	10	Not Detected	/UJ
Hexachlorobutadiene	1.0	Not Detected	/UJ
4-Chloro-3-methylphenol	5.0	Not Detected	/UJ
2-Methylnaphthalene	1.0	2.1	/J
Hexachlorocyclopentadiene	20	Not Detected	/UJ
2,4,6-Trichlorophenol	5.0	Not Detected	/UJ
2,4,5-Trichlorophenol	5.0	Not Detected	/UJ
2-Chloronaphthalene	1.0	Not Detected	/UJ
2-Nitroaniline	10	Not Detected	/UJ
Dimethylphthalate	5.0	Not Detected	/UJ
Acenaphthylene	1.0	Not Detected	/UJ
2,6-Dinitrotoluene	5.0	Not Detected	/UJ
3-Nitroaniline	10	Not Detected	/UJ
Acenaphthene	1.0	Not Detected	/UJ
2,4-Dinitrophenol	20	Not Detected	/UJ
4-Nitrophenol	20	Not Detected	/UJ
2,4-Dinitrotoluene	5.0	Not Detected	/UJ
Dibenzofuran	1.0	Not Detected	/UJ
Diethylphthalate	5.0	0.38 J	B
Fluorene	1.0	Not Detected	/UJ
4-Chlorophenyl-phenyl Ether	1.0	Not Detected	/UJ
4-Nitroaniline	10	Not Detected	/UJ
4,6-Dinitro-2-methylphenol	10	Not Detected	/UJ

LH 6/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-002A

ID#: 0205477-06B

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	**k061006**	**Date of Collection: 5/22/02**
Dil. Factor:	**1.00**	**Date of Analysis: 6/10/02**
		Date of Extraction: 5/23/02

Compound	Rpt. Limit (ug)	Amount (ug)	
N-Nitrosodiphenylamine	10	Not Detected	/uJ
4-Bromophenyl-phenyl Ether	1.0	Not Detected	/uJ
Hexachlorobenzene	1.0	Not Detected	/uJ
Pentachlorophenol	20	Not Detected	/uJ
Phenanthrene	1.0	Not Detected	/uJ
Anthracene	1.0	Not Detected	/uJ
di-n-Butylphthalate	5.0	0.61 J	/J
Fluoranthene	1.0	Not Detected	/uJ
Pyrene	1.0	Not Detected	/uJ
Butylbenzylphthalate	5.0	Not Detected	/uJ
3,3'-Dichlorobenzidine	20	Not Detected	/uJ
Chrysene	1.0	Not Detected	/uJ
Benzo(a)anthracene	1.0	Not Detected	/uJ
bis(2-Ethylhexyl)phthalate	5.0	Not Detected	/uJ
Di-n-Octylphthalate	5.0	Not Detected	/uJ
Benzo(b)fluoranthene	1.0	Not Detected	/uJ
Benzo(k)fluoranthene	1.0	Not Detected	/uJ
Benzo(a)pyrene	1.0	Not Detected	/uJ
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected	/uJ
Dibenz(a,h)anthracene	1.0	Not Detected	/uJ
Benzo(g,h,i)perylene	1.0	Not Detected	/uJ

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

Surrogates	%Recovery	Method Limits
2-Fluorophenol	3.6 Q	50-150
Phenol-d5	78	50-150
Nitrobenzene-d5	81	50-150
2-Fluorobiphenyl	96	60-120
2,4,6-Tribromophenol	83	50-150
Terphenyl-d14	96	60-120

LA 10/24/02

June 21, 2002 Compliance Sample Laboratory Results

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-EF-003A

ID#: 0206434AR1-04A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	g070213a	Date of Collection: 6/21/02
Dil Factor:	1.41	Date of Analysis: 7/2/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	0.70	1.5	2.0	4.1
Vinyl Chloride	0.70	1.8	1.3	3.5
Bromomethane	0.70	2.8	Not Detected	Not Detected
Chloroethane	0.70	1.9	0.68 J	1.8 J
1,1-Dichloroethene	0.70	2.8	1.6	6.5
Methylene Chloride	0.70	2.5	14	50
1,1-Dichloroethane	0.70	2.9	2.6	11
cis-1,2-Dichloroethene	0.70	2.8	6.8	28
Chloroform	0.70	3.5	0.85	4.2
1,1,1-Trichloroethane	0.70	3.9	5.5	30
Carbon Tetrachloride	0.70	4.5	0.36 J	2.3 J
Benzene	0.70	2.3	10	34
1,2-Dichloroethane	0.70	2.9	0.35 J	1.4 J
Trichloroethene	0.70	3.8	3.6	20
1,2-Dichloropropane	0.70	3.3	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.70	3.2	Not Detected	Not Detected
Toluene	0.70	2.7	25	97
trans-1,3-Dichloropropene	0.70	3.2	Not Detected	Not Detected
1,1,2-Trichloroethane	0.70	3.9	Not Detected	Not Detected
Tetrachloroethene	0.70	4.9	3.5	24
Chlorobenzene	0.70	3.3	0.26 J	1.2 J
Ethyl Benzene	0.70	3.1	1.6	7.0
m,p-Xylene	0.70	3.1	5.7	25
o-Xylene	0.70	3.1	1.9	8.6
Styrene	0.70	3.0	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.70	4.9	Not Detected	Not Detected
Acetone	2.8	6.8	100	240
Carbon Disulfide	2.8	8.9	2.1 J	6.8 J
trans-1,2-Dichloroethene	2.8	11	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.8	8.4	88	260
Bromodichloromethane	2.8	19	Not Detected	Not Detected
4-Methyl-2-pentanone	2.8	12	7.9	33
2-Hexanone	2.8	12	Not Detected	Not Detected
Dibromochloromethane	2.8	24	Not Detected	Not Detected
Bromoform	2.8	30	1.4 J	14 J

J = Estimated value.

Container Type: 6 Liter Summa Canister

LA
7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-EF-003A

ID#: 0206434AR1-04A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: g070213a	Date of Collection: 6/21/02
Dil. Factor: 1.54	Date of Analysis: 7/2/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	101	70-130

LH
7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-IN1-003A

ID#: 0206434AR1-05A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	g070214	**Date of Collection:**	6/21/02
Dil. Factor:	1.1100	**Date of Analysis:**	7/2/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	5600	12000	Not Detected	Not Detected
Vinyl Chloride	5600	14000	7600	20000
Bromomethane	5600	22000	Not Detected	Not Detected
Chloroethane	5600	15000	3700 J J	10000 J
1,1-Dichloroethene	5600	22000	Not Detected	Not Detected
Methylene Chloride	5600	20000	320000	1100000
1,1-Dichloroethane	5600	23000	100000	410000
cis-1,2-Dichloroethene	5600	22000	83000	340000
Chloroform	5600	28000	19000	96000
1,1,1-Trichloroethane	5600	31000	320000	1800000
Carbon Tetrachloride	5600	35000	1200 J J	7800 J
Benzene	5600	18000	220000	700000
1,2-Dichloroethane	5600	23000	Not Detected	Not Detected
Trichloroethene	5600	30000	140000	770000
1,2-Dichloropropane	5600	26000	3500 J J	16000 J
cis-1,3-Dichloropropene	5600	26000	Not Detected	Not Detected
Toluene	5600	21000	1100000	4200000
trans-1,3-Dichloropropene	5600	26000	Not Detected	Not Detected
1,1,2-Trichloroethane	5600	31000	Not Detected	Not Detected
Tetrachloroethene	5600	38000	95000	650000
Chlorobenzene	5600	26000	Not Detected	Not Detected
Ethyl Benzene	5600	24000	78000	340000
m,p-Xylene	5600	24000	260000	1200000
o-Xylene	5600	24000	78000	340000
Styrene	5600	24000	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	5600	39000	Not Detected	Not Detected
Acetone	22000	54000	210000	500000
Carbon Disulfide	22000	70000	2300 J J	7200 J
trans-1,2-Dichloroethene	22000	89000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	22000	66000	240000	730000
Bromodichloromethane	22000	150000	Not Detected	Not Detected
4-Methyl-2-pentanone	22000	92000	130000	550000
2-Hexanone	22000	92000	Not Detected	Not Detected
Dibromochloromethane	22000	190000	Not Detected	Not Detected
Bromoform	22000	230000	Not Detected	Not Detected

J = Estimated value.

LH
7/26/02

Container Type: 6 Liter Summa Canister

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-IN1-003A

ID#: 0206434AR1-05A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	g070214	**Date of Collection:**	6/21/02
Dil. Factor:	11100	**Date of Analysis:**	7/2/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	98	70-130

CA
7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205 IN2-003A

ID#: 0206434AR1-06A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	**t070312**	**Date of Collection:**	**6/21/02**
Dil. Factor:	**14100**	**Date of Analysis:**	**7/3/02**

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	7000	15000	Not Detected	Not Detected
Vinyl Chloride	7000	18000	7600	20000
Bromomethane	7000	28000	Not Detected	Not Detected
Chloroethane	7000	19000	3800 J	10000 J
1,1-Dichloroethene	7000	28000	Not Detected	Not Detected
Methylene Chloride	7000	25000	300000	1100000
1,1-Dichloroethane	7000	29000	110000	440000
cis-1,2-Dichloroethene	7000	28000	87000	350000
Chloroform	7000	35000	23000	120000
1,1,1-Trichloroethane	7000	39000	420000	2300000
Carbon Tetrachloride	7000	45000	Not Detected	Not Detected
Benzene	7000	23000	220000	730000
1,2-Dichloroethane	7000	29000	8200	34000
Trichloroethene	7000	38000	150000	840000
1,2-Dichloropropane	7000	33000	Not Detected	Not Detected
cis-1,3-Dichloropropene	7000	32000	Not Detected	Not Detected
Toluene	7000	27000	1100000	4200000
trans-1,3-Dichloropropene	7000	32000	Not Detected	Not Detected
1,1,2-Trichloroethane	7000	39000	Not Detected	Not Detected
Tetrachloroethene	7000	49000	110000	770000
Chlorobenzene	7000	33000	Not Detected	Not Detected
Ethyl Benzene	7000	31000	73000	320000
m,p-Xylene	7000	31000	240000	1100000
o-Xylene	7000	31000	74000	330000
Styrene	7000	30000	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	7000	49000	Not Detected	Not Detected
Acetone	28000	68000	150000	370000
Carbon Disulfide	28000	89000	Not Detected	Not Detected
trans-1,2-Dichloroethene	28000	110000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	28000	84000	180000	540000
Bromodichloromethane	28000	190000	Not Detected	Not Detected
4-Methyl-2-pentanone	28000	120000	86000	360000
2-Hexanone	28000	120000	Not Detected	Not Detected
Dibromochloromethane	28000	240000	Not Detected	Not Detected
Bromoform	28000	300000	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

UA 7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205 IN2-003A

ID#: 0206434AR1-06A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	t070312	Date of Collection:	6/21/02
Dil. Factor:	14100	Date of Analysis:	7/3/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	88	70-130
4-Bromofluorobenzene	93	70-130

LH
7/22/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-EF-003A

ID#: 0206434BR1-04A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: k070110r1	**Date of Collection:** 6/21/02
Dil. Factor: 1.00	**Date of Analysis:** 7/1/02
	Date of Extraction: 6/24/02

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	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	0.39 J
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

15

LH 7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-EF-003A

ID#: 0206434BR1-04A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: k070110r1	Date of Collection: 6/21/02
Dil. Factor: 1.00	Date of Analysis: 7/1/02
	Date of Extraction: 6/24/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	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: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	98	50-150
Phenol-d5	89	50-150
Nitrobenzene-d5	82	50-150
2-Fluorobiphenyl	85	60-120
2,4,6-Tribromophenol	98	50-150
Terphenyl-d14	92	60-120

LH
7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-IN1-003A

ID#: 0206434BR1-05A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	k070111	Date of Collection: 6/21/02
Dil. Factor:	1.00	Date of Analysis: 7/1/02
		Date of Extraction: 6/24/02

Compound	Rpt. Limit (ug)	Amount (ug)	
Phenol	5.0	5.3	J
bis(2-Chloroethyl) Ether	1.0	Not Detected	UJ
2-Chlorophenol	5.0	Not Detected	UJ
1,3-Dichlorobenzene	1.0	Not Detected	UJ
1,4-Dichlorobenzene	1.0	4.9	J
1,2-Dichlorobenzene	1.0	71	J
2-Methylphenol (o-Cresol)	5.0	Not Detected	UJ
N-Nitroso-di-n-propylamine	1.0	Not Detected	UJ
4-Methylphenol	5.0	Not Detected	UJ
Hexachloroethane	1.0	Not Detected	UJ
Nitrobenzene	1.0	Not Detected	UJ
Isophorone	1.0	32	J
2-Nitrophenol	5.0	Not Detected	UJ
2,4-Dimethylphenol	5.0	Not Detected	UJ
bis(2-Chloroethoxy) Methane	1.0	Not Detected	UJ
2,4-Dichlorophenol	5.0	Not Detected	UJ
1,2,4-Trichlorobenzene	1.0	3.1	J
Naphthalene	1.0	38	J
4-Chloroaniline	10	Not Detected	UJ
Hexachlorobutadiene	1.0	1.1	J
4-Chloro-3-methylphenol	5.0	Not Detected	UJ
2-Methylnaphthalene	1.0	5.1	J
Hexachlorocyclopentadiene	20	Not Detected	UJ
2,4,6-Trichlorophenol	5.0	Not Detected	UJ
2,4,5-Trichlorophenol	5.0	Not Detected	UJ
2-Chloronaphthalene	1.0	Not Detected	UJ
2-Nitroaniline	10	Not Detected	UJ
Dimethylphthalate	5.0	Not Detected	UJ
Acenaphthylene	1.0	Not Detected	UJ
2,6-Dinitrotoluene	5.0	Not Detected	UJ
3-Nitroaniline	10	Not Detected	UJ
Acenaphthene	1.0	Not Detected	UJ
2,4-Dinitrophenol	20	Not Detected	UJ
4-Nitrophenol	20	Not Detected	UJ
2,4-Dinitrotoluene	5.0	Not Detected	UJ
Dibenzofuran	1.0	Not Detected	UJ
Diethylphthalate	5.0	0.47 J	J
Fluorene	1.0	Not Detected	UJ
4-Chlorophenyl-phenyl Ether	1.0	Not Detected	UJ
4-Nitroaniline	10	Not Detected	UJ
4,6-Dinitro-2-methylphenol	10	Not Detected	UJ

LH 7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-IN1-003A

ID#: 0206434BR1-05A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	**k070111**		**Date of Collection: 6/21/02**
Dil. Factor:	**1.00**		**Date of Analysis: 7/1/02**
			Date of Extraction: 6/24/02

Compound	Rpt. Limit (ug)	Amount (ug)	
N-Nitrosodiphenylamine	10	Not Detected	1UJ
4-Bromophenyl-phenyl Ether	1.0	Not Detected	1UJ
Hexachlorobenzene	1.0	Not Detected	1UJ
Pentachlorophenol	20	Not Detected	1UJ
Phenanthrene	1.0	Not Detected	1UJ
Anthracene	1.0	Not Detected	1UJ
di-n-Butylphthalate	5.0	Not Detected	1UJ
Fluoranthene	1.0	Not Detected	1UJ
Pyrene	1.0	Not Detected	1UJ
Butylbenzylphthalate	5.0	Not Detected	1UJ
3,3'-Dichlorobenzidine	20	Not Detected	1UJ
Chrysene	1.0	Not Detected	1UJ
Benzo(a)anthracene	1.0	Not Detected	1UJ
bis(2-Ethylhexyl)phthalate	5.0	1.9 J	1J
Di-n-Octylphthalate	5.0	Not Detected	1UJ
Benzo(b)fluoranthene	1.0	Not Detected	1UJ
Benzo(k)fluoranthene	1.0	Not Detected	1UJ
Benzo(a)pyrene	1.0	Not Detected	1UJ
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected	1UJ
Dibenz(a,h)anthracene	1.0	Not Detected	1UJ
Benzo(g,h,i)perylene	1.0	Not Detected	1UJ

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

Surrogates	%Recovery	Method Limits
2-Fluorophenol	0 Q	50-150
Phenol-d5	77	50-150
Nitrobenzene-d5	86	50-150
2-Fluorobiphenyl	92	60-120
2,4,6-Tribromophenol	88	50-150
Terphenyl-d14	93	60-120

LH
7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205 IN2-003A

ID#: 0206434BR1-06A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: k070112	Date of Collection: 6/21/02
Dil. Factor: 1.00	Date of Analysis: 7/1/02
	Date of Extraction: 6/24/02

Compound	Rpt. Limit (ug)	Amount (ug)	
Phenol	5.0	7.4	/J
bis(2-Chloroethyl) Ether	1.0	Not Detected	/UJ
2-Chlorophenol	5.0	Not Detected	/UJ
1,3-Dichlorobenzene	1.0	Not Detected	/UJ
1,4-Dichlorobenzene	1.0	6.8	/J
1,2-Dichlorobenzene	1.0	95	/J
2-Methylphenol (o-Cresol)	5.0	Not Detected	/UJ
N-Nitroso-di-n-propylamine	1.0	Not Detected	/UJ
4-Methylphenol	5.0	Not Detected	/UJ
Hexachloroethane	1.0	Not Detected	/UJ
Nitrobenzene	1.0	Not Detected	/UJ
Isophorone	1.0	46	/J
2-Nitrophenol	5.0	Not Detected	/UJ
2,4-Dimethylphenol	5.0	Not Detected	/UJ
bis(2-Chloroethoxy) Methane	1.0	Not Detected	/UJ
2,4-Dichlorophenol	5.0	Not Detected	/UJ
1,2,4-Trichlorobenzene	1.0	4.6	/J
Naphthalene	1.0	55	/J
4-Chloroaniline	10	Not Detected	/UJ
Hexachlorobutadiene	1.0	1.5	/J
4-Chloro-3-methylphenol	5.0	Not Detected	/UJ
2-Methylnaphthalene	1.0	7.1	/J
Hexachlorocyclopentadiene	20	Not Detected	/UJ
2,4,6-Trichlorophenol	5.0	Not Detected	/UJ
2,4,5-Trichlorophenol	5.0	Not Detected	/UJ
2-Chloronaphthalene	1.0	Not Detected	/UJ
2-Nitroaniline	10	Not Detected	/UJ
Dimethylphthalate	5.0	Not Detected	/UJ
Acenaphthylene	1.0	Not Detected	/UJ
2,6-Dinitrotoluene	5.0	Not Detected	/UJ
3-Nitroaniline	10	Not Detected	/UJ
Acenaphthene	1.0	Not Detected	/UJ
2,4-Dinitrophenol	20	Not Detected	/UJ
4-Nitrophenol	20	Not Detected	/UJ
2,4-Dinitrotoluene	5.0	Not Detected	/UJ
Dibenzofuran	1.0	Not Detected	/UJ
Diethylphthalate	5.0	0.44 J	/J
Fluorene	1.0	Not Detected	/UJ
4-Chlorophenyl-phenyl Ether	1.0	Not Detected	/UJ
4-Nitroaniline	10	Not Detected	/UJ
4,6-Dinitro-2-methylphenol	10	Not Detected	/UJ

LH 7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205 IN2-003A

ID#: 0206434BR1-06A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: k070112	Date of Collection: 6/21/02
Dil. Factor: 1.00	Date of Analysis: 7/1/02
	Date of Extraction: 6/24/02

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

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

Surrogates	%Recovery	Method Limits
2-Fluorophenol	0 Q	50-150
Phenol-d5	71	50-150
Nitrobenzene-d5	87	50-150
2-Fluorobiphenyl	93	60-120
2,4,6-Tribromophenol	84	50-150
Terphenyl-d14	96	60-120

LH
7/26/02

June 28, 2002 Compliance Sample Laboratory Results

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME-205-EF1-004A

ID#: 0206594A-04A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: r071208 **Date of Collection: 6/28/02**
Dil. Factor: 1.4 **Date of Analysis: 7/12/02**

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	0.70	1.5	2.9	6.1
Vinyl Chloride	0.70	1.8	1.6	4.2
Bromomethane	0.70	2.8	Not Detected	Not Detected
Chloroethane	0.70	1.9	Not Detected	Not Detected
1,1-Dichloroethene	0.70	2.8	0.88	3.6
Methylene Chloride	0.70	2.5	2.9	10
1,1-Dichloroethane	0.70	2.9	0.34 J /J	1.4 J
cis-1,2-Dichloroethene	0.70	2.8	2.7	11
Chloroform	0.70	3.5	1.9	9.6
1,1,1-Trichloroethane	0.70	3.9	0.14 J /J	0.76 J
Carbon Tetrachloride	0.70	4.5	3.6	23
Benzene	0.70	2.3	0.12 J /JB	0.41 J
1,2-Dichloroethane	0.70	2.9	Not Detected	Not Detected
Trichloroethene	0.70	3.8	0.48 J /J	2.6 J
1,2-Dichloropropane	0.70	3.3	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.70	3.2	Not Detected	Not Detected
Toluene	0.70	2.7	0.17 J /J	0.66 J
trans-1,3-Dichloropropene	0.70	3.2	Not Detected	Not Detected
1,1,2-Trichloroethane	0.70	3.9	Not Detected	Not Detected
Tetrachloroethene	0.70	4.9	0.80	5.5
Chlorobenzene	0.70	3.3	Not Detected	Not Detected
Ethyl Benzene	0.70	3.1	Not Detected	Not Detected
m,p-Xylene	0.70	3.1	Not Detected	Not Detected
o-Xylene	0.70	3.1	Not Detected	Not Detected
Styrene	0.70	3.0	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.70	4.9	Not Detected	Not Detected
Acetone	2.8	6.8	5.4	13
Carbon Disulfide	2.8	8.9	0.74 J /J	2.3 J
trans-1,2-Dichloroethene	2.8	11	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.8	8.4	110	320
Bromodichloromethane	2.8	19	Not Detected	Not Detected
4-Methyl-2-pentanone	2.8	12	Not Detected	Not Detected
2-Hexanone	2.8	12	Not Detected	Not Detected
Dibromochloromethane	2.8	24	Not Detected	Not Detected
Bromoform	2.8	30	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LA 7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME-205-EF1-004A

ID#: 0206594A-04A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: r071208 **Date of Collection:** 6/28/02
Dil. Factor: 1.4 **Date of Analysis:** 7/12/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	126	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	97	70-130

LA 7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-IN1-004A

ID#: 0206594A-05A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: r071210	**Date of Collection:** 6/28/02
Dil. Factor: 11100	**Date of Analysis:** 7/12/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	5600	12000	Not Detected	Not Detected
Vinyl Chloride	5600	14000	12000	32000
Bromomethane	5600	22000	Not Detected	Not Detected
Chloroethane	5600	15000	Not Detected	Not Detected
1,1-Dichloroethene	5600	22000	2200 J /J	8800 J
Methylene Chloride	5600	20000	370000	1300000
1,1-Dichloroethane	5600	23000	97000	400000
cis-1,2-Dichloroethene	5600	22000	130000	540000
Chloroform	5600	28000	16000	81000
1,1,1-Trichloroethane	5600	31000	440000	2400000
Carbon Tetrachloride	5600	35000	Not Detected	Not Detected
Benzene	5600	18000	320000	1000000
1,2-Dichloroethane	5600	23000	14000	60000
Trichloroethene	5600	30000	190000	1000000
1,2-Dichloropropane	5600	26000	Not Detected	Not Detected
cis-1,3-Dichloropropene	5600	26000	Not Detected	Not Detected
Toluene	5600	21000	1300000	4900000
trans-1,3-Dichloropropene	5600	26000	Not Detected	Not Detected
1,1,2-Trichloroethane	5600	31000	Not Detected	Not Detected
Tetrachloroethene	5600	38000	120000	850000
Chlorobenzene	5600	26000	Not Detected	Not Detected
Ethyl Benzene	5600	24000	110000	480000
m,p-Xylene	5600	24000	390000	1700000
o-Xylene	5600	24000	110000	470000
Styrene	5600	24000	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	5600	39000	Not Detected	Not Detected
Acetone	22000	54000	110000	270000
Carbon Disulfide	22000	70000	Not Detected	Not Detected
trans-1,2-Dichloroethene	22000	89000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	22000	66000	140000	440000
Bromodichloromethane	22000	150000	Not Detected	Not Detected
4-Methyl-2-pentanone	22000	92000	64000	260000
2-Hexanone	22000	92000	Not Detected	Not Detected
Dibromochloromethane	22000	190000	Not Detected	Not Detected
Bromoform	22000	230000	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

UH 7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-IN1-004A

ID#: 0206594A-05A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: r071210 **Date of Collection:** 6/28/02
Dil. Factor: 11100 **Date of Analysis:** 7/12/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	98	70-130

LH
7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-IN2-004A

ID#: 0206594A-06A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	r071211	**Date of Collection:**	6/28/02
Dil. Factor:	11300	**Date of Analysis:**	7/12/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	5600	12000	Not Detected	Not Detected
Vinyl Chloride	5600	15000	14000	35000
Bromomethane	5600	22000	Not Detected	Not Detected
Chloroethane	5600	15000	5200 J J	14000 J
1,1-Dichloroethene	5600	23000	3000 J J	12000 J
Methylene Chloride	5600	20000	440000	1600000
1,1-Dichloroethane	5600	23000	110000	460000
cis-1,2-Dichloroethene	5600	23000	160000	630000
Chloroform	5600	28000	19000	95000
1,1,1-Trichloroethane	5600	31000	500000	2800000
Carbon Tetrachloride	5600	36000	Not Detected	Not Detected
Benzene	5600	18000	370000	1200000
1,2-Dichloroethane	5600	23000	18000	76000
Trichloroethene	5600	31000	220000	1200000
1,2-Dichloropropane	5600	26000	Not Detected	Not Detected
cis-1,3-Dichloropropene	5600	26000	Not Detected	Not Detected
Toluene	5600	22000	1400000	5300000
trans-1,3-Dichloropropene	5600	26000	Not Detected	Not Detected
1,1,2-Trichloroethane	5600	31000	Not Detected	Not Detected
Tetrachloroethene	5600	39000	130000	920000
Chlorobenzene	5600	26000	Not Detected	Not Detected
Ethyl Benzene	5600	25000	120000	510000
m,p-Xylene	5600	25000	430000	1900000
o-Xylene	5600	25000	120000	520000
Styrene	5600	24000	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	5600	39000	Not Detected	Not Detected
Acetone	23000	54000	140000	330000
Carbon Disulfide	23000	72000	Not Detected	Not Detected
trans-1,2-Dichloroethene	23000	91000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	23000	68000	170000	520000
Bromodichloromethane	23000	150000	Not Detected	Not Detected
4-Methyl-2-pentanone	23000	94000	70000	290000
2-Hexanone	23000	94000	Not Detected	Not Detected
Dibromochloromethane	23000	200000	Not Detected	Not Detected
Bromoform	23000	240000	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH
7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-IN2-004A

ID#: 0206594A-06A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	r071211	**Date of Collection:**	6/28/02
Dil. Factor:	11300	**Date of Analysis:**	7/12/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	95	70-130

LH
7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME-205-EF1 004A

ID#: 0206594B-04A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: k070810	Date of Collection: 6/28/02
Dil. Factor: 1.00	Date of Analysis: 7/8/02
	Date of Extraction: 7/1/02

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	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
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

LH 7/28/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME-205-EF1 004A

ID#: 0206594B-04A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	k070810	Date of Collection: 6/28/02
Dil. Factor:	1.00	Date of Analysis: 7/8/02
		Date of Extraction: 7/1/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	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: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	97	50-150
Phenol-d5	88	50-150
Nitrobenzene-d5	83	50-150
2-Fluorobiphenyl	84	60-120
2,4,6-Tribromophenol	81	50-150
Terphenyl-d14	87	60-120

LH 7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-IN1 004A

ID#: 0206594B-05A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	k070811	Date of Collection: 6/28/02
Dil. Factor:	1.00	Date of Analysis: 7/8/02
		Date of Extraction: 7/1/02

Compound	Rpt. Limit (ug)	Amount (ug)	
Phenol	5.0	Not Detected	NJ
bis(2-Chloroethyl) Ether	1.0	Not Detected	1UJ
2-Chlorophenol	5.0	Not Detected	1UJ
1,3-Dichlorobenzene	1.0	Not Detected	1UJ
1,4-Dichlorobenzene	1.0	6.8	1J
1,2-Dichlorobenzene	1.0	61	1J
2-Methylphenol (o-Cresol)	5.0	Not Detected	1UJ
N-Nitroso-di-n-propylamine	1.0	Not Detected	1UJ
4-Methylphenol	5.0	Not Detected	1UJ
Hexachloroethane	1.0	Not Detected	1UJ
Nitrobenzene	1.0	Not Detected	1UJ
Isophorone	1.0	15	1J
2-Nitrophenol	5.0	Not Detected	1UJ
2,4-Dimethylphenol	5.0	Not Detected	1UJ
bis(2-Chloroethoxy) Methane	1.0	Not Detected	1UJ
2,4-Dichlorophenol	5.0	Not Detected	1UJ
1,2,4-Trichlorobenzene	1.0	0.98 J	1J
Naphthalene	1.0	58	1J
4-Chloroaniline	10	Not Detected	1UJ
Hexachlorobutadiene	1.0	0.87 J	1J
4-Chloro-3-methylphenol	5.0	Not Detected	1UJ
2-Methylnaphthalene	1.0	7.9	1J
Hexachlorocyclopentadiene	20	Not Detected	1UJ
2,4,6-Trichlorophenol	5.0	Not Detected	1UJ
2,4,5-Trichlorophenol	5.0	Not Detected	1UJ
2-Chloronaphthalene	1.0	Not Detected	1UJ
2-Nitroaniline	10	Not Detected	1UJ
Dimethylphthalate	5.0	Not Detected	1UJ
Acenaphthylene	1.0	Not Detected	1UJ
2,6-Dinitrotoluene	5.0	Not Detected	1UJ
3-Nitroaniline	10	Not Detected	1UJ
Acenaphthene	1.0	Not Detected	1UJ
2,4-Dinitrophenol	20	Not Detected	1UJ
4-Nitrophenol	20	Not Detected	1UJ
2,4-Dinitrotoluene	5.0	Not Detected	1UJ
Dibenzofuran	1.0	Not Detected	1UJ
Diethylphthalate	5.0	0.48 J	1JB
Fluorene	1.0	Not Detected	1UJ
4-Chlorophenyl-phenyl Ether	1.0	Not Detected	1UJ
4-Nitroaniline	10	Not Detected	1UJ
4,6-Dinitro-2-methylphenol	10	Not Detected	1UJ

LH
7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-IN1 004A

ID#: 0206594B-05A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: k070811 **Date of Collection:** 6/28/02
Dil. Factor: 1.00 **Date of Analysis:** 7/8/02
Date of Extraction: 7/1/02

Compound	Rpt. Limit (ug)	Amount (ug)	
N-Nitrosodiphenylamine	10	Not Detected	1UJ
4-Bromophenyl-phenyl Ether	1.0	Not Detected	1UJ
Hexachlorobenzene	1.0	Not Detected	1UJ
Pentachlorophenol	20	Not Detected	1UJ
Phenanthrene	1.0	Not Detected	1UJ
Anthracene	1.0	Not Detected	1UJ
di-n-Butylphthalate	5.0	0.69 J	J
Fluoranthene	1.0	Not Detected	1UJ
Pyrene	1.0	Not Detected	1UJ
Butylbenzylphthalate	5.0	Not Detected	1UJ
3,3'-Dichlorobenzidine	20	Not Detected	1UJ
Chrysene	1.0	Not Detected	1UJ
Benzo(a)anthracene	1.0	Not Detected	1UJ
bis(2-Ethylhexyl)phthalate	5.0	Not Detected	1UJ
Di-n-Octylphthalate	5.0	Not Detected	1UJ
Benzo(b)fluoranthene	1.0	Not Detected	1UJ
Benzo(k)fluoranthene	1.0	Not Detected	1UJ
Benzo(a)pyrene	1.0	Not Detected	1UJ
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected	1UJ
Dibenz(a,h)anthracene	1.0	Not Detected	1UJ
Benzo(g,h,i)perylene	1.0	Not Detected	1UJ

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

Surrogates	%Recovery	Method Limits
2-Fluorophenol	0 Q	50-150
Phenol-d5	65	50-150
Nitrobenzene-d5	79	50-150
2-Fluorobiphenyl	87	60-120
2,4,6-Tribromophenol	96	50-150
Terphenyl-d14	87	60-120

LA 7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-IN2 004A

ID#: 0206594B-06A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: k070812	**Date of Collection:** 6/28/02
Dil. Factor: 1.09	**Date of Analysis:** 7/8/02
	Date of Extraction: 7/1/02

Compound	Rpt. Limit (ug)	Amount (ug)	
Phenol	5.0	Not Detected	1UJ
bis(2-Chloroethyl) Ether	1.0	Not Detected	1UJ
2-Chlorophenol	5.0	Not Detected	1UJ
1,3-Dichlorobenzene	1.0	Not Detected	1UJ
1,4-Dichlorobenzene	1.0	7.3	1J
1,2-Dichlorobenzene	1.0	66	1J
2-Methylphenol (o-Cresol)	5.0	Not Detected	1UJ
N-Nitroso-di-n-propylamine	1.0	Not Detected	1UJ
4-Methylphenol	5.0	Not Detected	1UJ
Hexachloroethane	1.0	Not Detected	1UJ
Nitrobenzene	1.0	Not Detected	1UJ
Isophorone	1.0	16	1J
2-Nitrophenol	5.0	Not Detected	1UJ
2,4-Dimethylphenol	5.0	Not Detected	1UJ
bis(2-Chloroethoxy) Methane	1.0	Not Detected	1UJ
2,4-Dichlorophenol	5.0	Not Detected	1UJ
1,2,4-Trichlorobenzene	1.0	1.1	1J
Naphthalene	1.0	60	1J
4-Chloroaniline	10	Not Detected	1UJ
Hexachlorobutadiene	1.0	0.92 J	1J
4-Chloro-3-methylphenol	5.0	Not Detected	1UJ
2-Methylnaphthalene	1.0	8.2	1J
Hexachlorocyclopentadiene	20	Not Detected	1UJ
2,4,6-Trichlorophenol	5.0	Not Detected	1UJ
2,4,5-Trichlorophenol	5.0	Not Detected	1UJ
2-Chloronaphthalene	1.0	Not Detected	1UJ
2-Nitroaniline	10	Not Detected	1UJ
Dimethylphthalate	5.0	Not Detected	1UJ
Acenaphthylene	1.0	Not Detected	1UJ
2,6-Dinitrotoluene	5.0	Not Detected	1UJ
3-Nitroaniline	10	Not Detected	1UJ
Acenaphthene	1.0	Not Detected	1UJ
2,4-Dinitrophenol	20	Not Detected	1UJ
4-Nitrophenol	20	Not Detected	1UJ
2,4-Dinitrotoluene	5.0	Not Detected	1UJ
Dibenzofuran	1.0	Not Detected	1UJ
Diethylphthalate	5.0	0.32 J	1JB
Fluorene	1.0	Not Detected	1UJ
4-Chlorophenyl-phenyl Ether	1.0	Not Detected	1UJ
4-Nitroaniline	10	Not Detected	1UJ
4,6-Dinitro-2-methylphenol	10	Not Detected	1UJ

LH
7/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME 205-IN2 004A

ID#: 0206594B-06A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	**k070812**	**Date of Collection: 6/28/02**
Dil. Factor:	**1.00**	**Date of Analysis: 7/8/02**
		Date of Extraction: 7/1/02

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

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

Surrogates	%Recovery	Method Limits
2-Fluorophenol	0 Q	50-150
Phenol-d5	61	50-150
Nitrobenzene-d5	60	50-150
2-Fluorobiphenyl	87	60-120
2,4,6-Tribromophenol	84	50-150
Terphenyl-d14	86	60-120

LA
7/26/02

July 2, 2002 Compliance Sample Laboratory Results

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-005A

ID#: 0207099A-04A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	r071609	Date of Collection:	7/2/02
Dil Factor:	2.78	Date of Analysis:	7/16/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	1.4	2.9	9.4	20
Vinyl Chloride	1.4	3.6	2.6	6.7
Bromomethane	1.4	5.5	Not Detected	Not Detected
Chloroethane	1.4	3.7	Not Detected	Not Detected
1,1-Dichloroethene	1.4	5.6	10	41
Methylene Chloride	1.4	4.9	13	46
1,1-Dichloroethane	1.4	5.7	2.5	10
cis-1,2-Dichloroethene	1.4	5.6	4.7	19
Chloroform	1.4	6.9	3.2	16
1,1,1-Trichloroethane	1.4	7.7	10	56
Carbon Tetrachloride	1.4	8.9	4.3	27
Benzene	1.4	4.5	19	61
1,2-Dichloroethane	1.4	5.7	0.38 J IJ	1.6 J
Trichloroethene	1.4	7.6	10	56
1,2-Dichloropropane	1.4	6.5	Not Detected	Not Detected
cis-1,3-Dichloropropene	1.4	6.4	0.63 J IJ	2.9 J
Toluene	1.4	5.3	13	50
trans-1,3-Dichloropropene	1.4	6.4	0.40 J IJ	1.8 J
1,1,2-Trichloroethane	1.4	7.7	Not Detected	Not Detected
Tetrachloroethene	1.4	9.6	9.1	63
Chlorobenzene	1.4	6.5	1.0 J IJ	4.9 J
Ethyl Benzene	1.4	6.1	0.57 J IJ	2.5 J
m,p-Xylene	1.4	6.1	1.4 J IJ	6.0 J
o-Xylene	1.4	6.1	0.53 J IJ	2.3 J
Styrene	1.4	6.0	0.35 J IJ	1.5 J
1,1,2,2-Tetrachloroethane	1.4	9.7	Not Detected	Not Detected
Acetone	5.6	13	18	43
Carbon Disulfide	5.6	18	6.9	22
trans-1,2-Dichloroethene	5.6	22	1.5 J IJ	6.2 J
2-Butanone (Methyl Ethyl Ketone)	5.6	17	300	900
Bromodichloromethane	5.6	38	0.58 J IJ	3.9 J
4-Methyl-2-pentanone	5.6	23	Not Detected	Not Detected
2-Hexanone	5.6	23	Not Detected	Not Detected
Dibromochloromethane	5.6	48	1.5 J IJ	13 J
Bromoform	5.6	58	3.5 J IJ	37 J

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	128	70-130
Toluene-d8	100	70-130

LH 8/29/13

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-005A

ID#: 0207099A-04A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	r071609	Date of Collection:	7/2/02
Dil Factor:	2.7	Date of Analysis:	7/16/02

Surrogates	%Recovery	Method Limits
4-Bromofluorobenzene	94	70-130

LA 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-005A

ID#: 0207099A-05A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: r071611 **Date of Collection:** 7/2/02
Dil Factor: 10900 **Date of Analysis:** 7/16/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	5400	11000	Not Detected	Not Detected
Vinyl Chloride	5400	14000	7200	19000
Bromomethane	5400	22000	Not Detected	Not Detected
Chloroethane	5400	15000	Not Detected	Not Detected
1,1-Dichloroethene	5400	22000	1800 J IS	7400 J
Methylene Chloride	5400	19000	260000	930000
1,1-Dichloroethane	5400	22000	79000	320000
cis-1,2-Dichloroethene	5400	22000	110000	460000
Chloroform	5400	27000	15000	77000
1,1,1-Trichloroethane	5400	30000	320000	1800000
Carbon Tetrachloride	5400	35000	780 J IS	5000 J
Benzene	5400	18000	250000	830000
1,2-Dichloroethane	5400	22000	8900	37000
Trichloroethene	5400	30000	140000	770000
1,2-Dichloropropane	5400	26000	Not Detected	Not Detected
cis-1,3-Dichloropropene	5400	25000	Not Detected	Not Detected
Toluene	5400	21000	1400000	5500000
trans-1,3-Dichloropropene	5400	25000	Not Detected	Not Detected
1,1,2-Trichloroethane	5400	30000	Not Detected	Not Detected
Tetrachloroethene	5400	38000	110000	740000
Chlorobenzene	5400	26000	Not Detected	Not Detected
Ethyl Benzene	5400	24000	110000	470000
m,p-Xylene	5400	24000	390000	1700000
o-Xylene	5400	24000	110000	500000
Styrene	5400	24000	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	5400	38000	Not Detected	Not Detected
Acetone	22000	53000	130000	320000
Carbon Disulfide	22000	69000	2400 J IS	7800 J
trans-1,2-Dichloroethene	22000	88000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	22000	65000	180000	530000
Bromodichloromethane	22000	150000	Not Detected	Not Detected
4-Methyl-2-pentanone	22000	91000	88000	370000
2-Hexanone	22000	91000	Not Detected	Not Detected
Dibromochloromethane	22000	190000	Not Detected	Not Detected
Bromoform	22000	230000	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	70-130
Toluene-d8	112	70-130

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-005A

ID#: 0207099A-05A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: r071611 **Date of Collection:** 7/2/02
Dil. Factor: 10900 **Date of Analysis:** 7/16/02

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

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-005A

ID#: 0207099A-06A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	r071612	**Date of Collection:**	7/2/02
Dil. Factor:	10900	**Date of Analysis:**	7/16/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	5400	11000	Not Detected	Not Detected
Vinyl Chloride	5400	14000	Not Detected	Not Detected
Bromomethane	5400	22000	Not Detected	Not Detected
Chloroethane	5400	15000	Not Detected	Not Detected
1,1-Dichloroethene	5400	22000	1200 J /J	4900 J
Methylene Chloride	5400	19000	220000	770000
1,1-Dichloroethane	5400	22000	68000	280000
cis-1,2-Dichloroethene	5400	22000	93000	370000
Chloroform	5400	27000	13000	63000
1,1,1-Trichloroethane	5400	30000	270000	1500000
Carbon Tetrachloride	5400	35000	Not Detected	Not Detected
Benzene	5400	18000	210000	700000
1,2-Dichloroethane	5400	22000	7900	32000
Trichloroethene	5400	30000	120000	650000
1,2-Dichloropropane	5400	26000	Not Detected	Not Detected
cis-1,3-Dichloropropene	5400	25000	Not Detected	Not Detected
Toluene	5400	21000	1100000	4100000
trans-1,3-Dichloropropene	5400	25000	Not Detected	Not Detected
1,1,2-Trichloroethane	5400	30000	Not Detected	Not Detected
Tetrachloroethene	5400	38000	93000	640000
Chlorobenzene	5400	26000	Not Detected	Not Detected
Ethyl Benzene	5400	24000	78000	340000
m,p-Xylene	5400	24000	290000	1300000
o-Xylene	5400	24000	80000	360000
Styrene	5400	24000	2900 J /J	13000 J
1,1,2,2-Tetrachloroethane	5400	38000	Not Detected	Not Detected
Acetone	22000	53000	120000	280000
Carbon Disulfide	22000	69000	2200 J /J	6900 J
trans-1,2-Dichloroethene	22000	88000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	22000	65000	150000	440000
Bromodichloromethane	22000	150000	Not Detected	Not Detected
4-Methyl-2-pentanone	22000	91000	68000	280000
2-Hexanone	22000	91000	Not Detected	Not Detected
Dibromochloromethane	22000	190000	Not Detected	Not Detected
Bromoform	22000	230000	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	122	70-130
Toluene-d8	102	70-130

UH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-005A

ID#: 0207099A-06A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: r071612	Date of Collection: 7/2/02
Dil. Factor: 10900	Date of Analysis: 7/16/02

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

LA 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-005A

ID#: 0207099B-04A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	**k071010**	**Date of Collection: 7/2/02**
Dil. Factor:	**1.00**	**Date of Analysis: 7/10/02**
		Date of Extraction: 7/8/02

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	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
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-005A

ID#: 0207099B-04A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	**k071010**	**Date of Collection: 7/2/02**
Dil. Factor:	**1.00**	**Date of Analysis: 7/10/02**
		Date of Extraction: 7/8/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	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: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	85	50-150
Phenol-d5	79	50-150
Nitrobenzene-d5	69	50-150
2-Fluorobiphenyl	77	60-120
2,4,6-Tribromophenol	95	50-150
Terphenyl-d14	83	60-120

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-005A

ID#: 0207099B-05A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: k071011 Date of Collection: 7/2/02
Dil. Factor: Date of Analysis: 7/10/02
Date of Extraction: 7/8/02

Compound	Rpt. Limit (ug)	Amount (ug)	
Phenol	5.0	Not Detected	1UJ
bis(2-Chloroethyl) Ether	1.0	Not Detected	1UJ
2-Chlorophenol	5.0	Not Detected	1UJ
1,3-Dichlorobenzene	1.0	Not Detected	1UJ
1,4-Dichlorobenzene	1.0	5.4	1J
1,2-Dichlorobenzene	1.0	64	1J
2-Methylphenol (o-Cresol)	5.0	Not Detected	1UJ
N-Nitroso-di-n-propylamine	1.0	Not Detected	1UJ
4-Methylphenol	5.0	Not Detected	1UJ
Hexachloroethane	1.0	Not Detected	1UJ
Nitrobenzene	1.0	Not Detected	1UJ
Isophorone	1.0	35	1J
2-Nitrophenol	5.0	Not Detected	1UJ
2,4-Dimethylphenol	5.0	Not Detected	1UJ
bis(2-Chloroethoxy) Methane	1.0	Not Detected	1UJ
2,4-Dichlorophenol	5.0	Not Detected	1UJ
1,2,4-Trichlorobenzene	1.0	2.1	1J
Naphthalene	1.0	43	1J
4-Chloroaniline	10	Not Detected	1UJ
Hexachlorobutadiene	1.0	0.56 J	1J
4-Chloro-3-methylphenol	5.0	Not Detected	1UJ
2-Methylnaphthalene	1.0	6.0	1J
Hexachlorocyclopentadiene	20	Not Detected	1UJ
2,4,6-Trichlorophenol	5.0	Not Detected	1UJ
2,4,5-Trichlorophenol	5.0	Not Detected	1UJ
2-Chloronaphthalene	1.0	Not Detected	1UJ
2-Nitroaniline	10	Not Detected	1UJ
Dimethylphthalate	5.0	Not Detected	1UJ
Acenaphthylene	1.0	Not Detected	1UJ
2,6-Dinitrotoluene	5.0	Not Detected	1UJ
3-Nitroaniline	10	Not Detected	1UJ
Acenaphthene	1.0	Not Detected	1UJ
2,4-Dinitrophenol	20	Not Detected	1UJ
4-Nitrophenol	20	Not Detected	1UJ
2,4-Dinitrotoluene	5.0	Not Detected	1UJ
Dibenzofuran	1.0	Not Detected	1UJ
Diethylphthalate	5.0	Not Detected	1UJ
Fluorene	1.0	Not Detected	1UJ
4-Chlorophenyl-phenyl Ether	1.0	Not Detected	1UJ
4-Nitroaniline	10	Not Detected	1UJ
4,6-Dinitro-2-methylphenol	10	Not Detected	1UJ

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-005A

ID#: 0207099B-05A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: k071011	Date of Collection: 7/2/02
Dilution: 1:00	Date of Analysis: 7/10/02
	Date of Extraction: 7/8/02

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

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

Surrogates	%Recovery	Method Limits
2-Fluorophenol	0 Q	50-150
Phenol-d5	71	50-150
Nitrobenzene-d5	70	50-150
2-Fluorobiphenyl	76	60-120
2,4,6-Tribromophenol	82	50-150
Terphenyl-d14	78	60-120

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-005A

ID#: 0207099B-06A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	k071012	Date of Collection: 7/2/02
Dil. Factor:	1.100	Date of Analysis: 7/10/02
		Date of Extraction: 7/8/02

Compound	Rpt. Limit (ug)	Amount (ug)	
Phenol	5.0	Not Detected	1UJ
bis(2-Chloroethyl) Ether	1.0	Not Detected	1UJ
2-Chlorophenol	5.0	Not Detected	1UJ
1,3-Dichlorobenzene	1.0	Not Detected	1UJ
1,4-Dichlorobenzene	1.0	7.0	1J
1,2-Dichlorobenzene	1.0	82	1J
2-Methylphenol (o-Cresol)	5.0	Not Detected	1UJ
N-Nitroso-di-n-propylamine	1.0	Not Detected	1UJ
4-Methylphenol	5.0	Not Detected	1UJ
Hexachloroethane	1.0	Not Detected	1UJ
Nitrobenzene	1.0	Not Detected	1UJ
Isophorone	1.0	46	1J
2-Nitrophenol	5.0	Not Detected	1UJ
2,4-Dimethylphenol	5.0	Not Detected	1UJ
bis(2-Chloroethoxy) Methane	1.0	Not Detected	1UJ
2,4-Dichlorophenol	5.0	Not Detected	1UJ
1,2,4-Trichlorobenzene	1.0	3.0	1J
Naphthalene	1.0	57	1J
4-Chloroaniline	10	Not Detected	1UJ
Hexachlorobutadiene	1.0	0.68 J	1J
4-Chloro-3-methylphenol	5.0	Not Detected	1UJ
2-Methylnaphthalene	1.0	7.8	1J
Hexachlorocyclopentadiene	20	Not Detected	1UJ
2,4,6-Trichlorophenol	5.0	Not Detected	1UJ
2,4,5-Trichlorophenol	5.0	Not Detected	1UJ
2-Chloronaphthalene	1.0	Not Detected	1UJ
2-Nitroaniline	10	Not Detected	1UJ
Dimethylphthalate	5.0	Not Detected	1UJ
Acenaphthylene	1.0	Not Detected	1UJ
2,6-Dinitrotoluene	5.0	Not Detected	1UJ
3-Nitroaniline	10	Not Detected	1UJ
Acenaphthene	1.0	Not Detected	1UJ
2,4-Dinitrophenol	20	Not Detected	1UJ
4-Nitrophenol	20	Not Detected	1UJ
2,4-Dinitrotoluene	5.0	Not Detected	1UJ
Dibenzofuran	1.0	Not Detected	1UJ
Diethylphthalate	5.0	Not Detected	1UJ
Fluorene	1.0	Not Detected	1UJ
4-Chlorophenyl-phenyl Ether	1.0	Not Detected	1UJ
4-Nitroaniline	10	Not Detected	1UJ
4,6-Dinitro-2-methylphenol	10	Not Detected	1UJ

LH 12/9/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-005A

ID#: 0207099B-06A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	**k071012**	**Date of Collection: 7/2/02**
Dil. Factor:	**1.00**	**Date of Analysis: 7/10/02**
		Date of Extraction: 7/8/02

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

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

Surrogates	%Recovery	Method Limits
2-Fluorophenol	0 Q	50-150
Phenol-d5	71	50-150
Nitrobenzene-d5	76	50-150
2-Fluorobiphenyl	83	60-120
2,4,6-Tribromophenol	89	50-150
Terphenyl-d14	83	60-120

UH 8/29/02

July 12, 2002 Compliance Sample Laboratory Results

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-006A

ID#: 0207281A-04A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	t072608	**Date of Collection:**	7/12/02
Dil. Factor:	1.39	**Date of Analysis:**	7/26/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	0.70	1.4	7.7	16
Vinyl Chloride	0.70	1.8	2.6	6.7
Bromomethane	0.70	2.7	Not Detected	Not Detected
Chloroethane	0.70	1.9	Not Detected	Not Detected
1,1-Dichloroethene	0.70	2.8	22	89
Methylene Chloride	0.70	2.4	35	120
1,1-Dichloroethane	0.70	2.8	4.0	16
cis-1,2-Dichloroethene	0.70	2.8	7.4	30
Chloroform	0.70	3.4	6.8	34
1,1,1-Trichloroethane	0.70	3.8	11	60
Carbon Tetrachloride	0.70	4.4	5.1	32
Benzene	0.70	2.2	31	100
1,2-Dichloroethane	0.70	2.8	Not Detected	Not Detected
Trichloroethene	0.70	3.8	17	93
1,2-Dichloropropane	0.70	3.3	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.70	3.2	0.78	3.6
Toluene	0.70	2.7	62	240
trans-1,3-Dichloropropene	0.70	3.2	0.57 J IJ	2.6 J
1,1,2-Trichloroethane	0.70	3.8	Not Detected	Not Detected
Tetrachloroethene	0.70	4.8	15	110
Chlorobenzene	0.70	3.2	1.1	5.1
Ethyl Benzene	0.70	3.1	3.8	17
m,p-Xylene	0.70	3.1	12	54
o-Xylene	0.70	3.1	3.5	15
Styrene	0.70	3.0	2.4	10
1,1,2,2-Tetrachloroethane	0.70	4.8	Not Detected	Not Detected
Acetone	2.8	6.7	100	240
Carbon Disulfide	2.8	8.8	2.5 J IJ	7.9 J
trans-1,2-Dichloroethene	2.8	11	2.8 J IJ	11 J
2-Butanone (Methyl Ethyl Ketone)	2.8	8.3	160	470
Bromodichloromethane	2.8	19	Not Detected	Not Detected
4-Methyl-2-pentanone	2.8	12	8.4	35
2-Hexanone	2.8	12	Not Detected	Not Detected
Dibromochloromethane	2.8	24	Not Detected	Not Detected
Bromoform	2.8	29	3.6	38

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	106	70-130

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-006A

ID#: 0207281A-04A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: t072608 **Date of Collection:** 7/12/02
Dil. Factor: 1.39 **Date of Analysis:** 7/26/02

Surrogates	%Recovery	Method Limits
4-Bromofluorobenzene	115	70-130

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-006A

ID#: 0207281A-05A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	t072609	**Date of Collection:**	7/12/02
Dil. Factor:	10700	**Date of Analysis:**	7/26/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	5400	11000	Not Detected	Not Detected
Vinyl Chloride	5400	14000	6000	16000
Bromomethane	5400	21000	Not Detected	Not Detected
Chloroethane	5400	14000	3600 J IJ	9800 J
1,1-Dichloroethene	5400	22000	Not Detected	Not Detected
Methylene Chloride	5400	19000	350000	1200000
1,1-Dichloroethane	5400	22000	80000	330000
cis-1,2-Dichloroethene	5400	22000	110000	450000
Chloroform	5400	26000	19000	95000
1,1,1-Trichloroethane	5400	30000	430000	2400000
Carbon Tetrachloride	5400	34000	Not Detected	Not Detected
Benzene	5400	17000	340000	1100000
1,2-Dichloroethane	5400	22000	10000	42000
Trichloroethene	5400	29000	210000	1100000
1,2-Dichloropropane	5400	25000	4300 J IJ	20000 J
cis-1,3-Dichloropropene	5400	25000	Not Detected	Not Detected
Toluene	5400	20000	1600000	6100000
trans-1,3-Dichloropropene	5400	25000	Not Detected	Not Detected
1,1,2-Trichloroethane	5400	30000	Not Detected	Not Detected
Tetrachloroethene	5400	37000	150000	1000000
Chlorobenzene	5400	25000	Not Detected	Not Detected
Ethyl Benzene	5400	24000	150000	670000
m,p-Xylene	5400	24000	550000	2400000
o-Xylene	5400	24000	160000	710000
Styrene	5400	23000	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	5400	37000	Not Detected	Not Detected
Acetone	21000	52000	200000	480000
Carbon Disulfide	21000	68000	Not Detected	Not Detected
trans-1,2-Dichloroethene	21000	86000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	21000	64000	240000	720000
Bromodichloromethane	21000	140000	Not Detected	Not Detected
4-Methyl-2-pentanone	21000	89000	110000	460000
2-Hexanone	21000	89000	Not Detected	Not Detected
Dibromochloromethane	21000	180000	Not Detected	Not Detected
Bromoform	21000	220000	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	92	70-130

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-006A

ID#: 0207281A-05A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: t072609	Date of Collection: 7/12/02
Dil. Factor: 10700	Date of Analysis: 7/26/02

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

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-006A

ID#: 0207281A-06A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	t072610	**Date of Collection:**	7/12/02
Dil. Factor:	10900	**Date of Analysis:**	7/26/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	5400	11000	Not Detected	Not Detected
Vinyl Chloride	5400	14000	5900	15000
Bromomethane	5400	22000	Not Detected	Not Detected
Chloroethane	5400	15000	4100 J	11000 J
1,1-Dichloroethene	5400	22000	Not Detected	Not Detected
Methylene Chloride	5400	19000	340000	1200000
1,1-Dichloroethane	5400	22000	78000	320000
cis-1,2-Dichloroethene	5400	22000	110000	440000
Chloroform	5400	27000	18000	89000
1,1,1-Trichloroethane	5400	30000	430000	2400000
Carbon Tetrachloride	5400	35000	Not Detected	Not Detected
Benzene	5400	18000	340000	1100000
1,2-Dichloroethane	5400	22000	10000	41000
Trichloroethene	5400	30000	200000	1100000
1,2-Dichloropropane	5400	26000	4400 J	20000 J
cis-1,3-Dichloropropene	5400	25000	Not Detected	Not Detected
Toluene	5400	21000	1600000	6000000
trans-1,3-Dichloropropene	5400	25000	Not Detected	Not Detected
1,1,2-Trichloroethane	5400	30000	Not Detected	Not Detected
Tetrachloroethene	5400	38000	150000	1000000
Chlorobenzene	5400	26000	Not Detected	Not Detected
Ethyl Benzene	5400	24000	150000	660000
m,p-Xylene	5400	24000	560000	2400000
o-Xylene	5400	24000	150000	680000
Styrene	5400	24000	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	5400	38000	Not Detected	Not Detected
Acetone	22000	53000	190000	460000
Carbon Disulfide	22000	69000	Not Detected	Not Detected
trans-1,2-Dichloroethene	22000	88000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	22000	65000	250000	740000
Bromodichloromethane	22000	150000	Not Detected	Not Detected
4-Methyl-2-pentanone	22000	91000	110000	450000
2-Hexanone	22000	91000	Not Detected	Not Detected
Dibromochloromethane	22000	190000	Not Detected	Not Detected
Bromoform	22000	230000	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	92	70-130

8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-006A

ID#: 0207281A-06A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: t072610	Date of Collection: 7/12/02
Dil. Factor: 10900	Date of Analysis: 7/26/02

Surrogates	%Recovery	Method Limits
4-Bromofluorobenzene	109	70-130

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-006A

ID#: 0207281B-04A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: y071711	Date of Collection: 7/12/02
Dil. Factor: 1.00	Date of Analysis: 7/17/02
	Date of Extraction: 7/15/02

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	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
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

LH 8/29/0

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-006A

ID#: 0207281B-04A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	**y071711**	**Date of Collection: 7/12/02**
Dil. Factor:	**1.00**	**Date of Analysis: 7/17/02**
		Date of Extraction: 7/15/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	0.36 J JB
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: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	88	50-150
Phenol-d5	97	50-150
Nitrobenzene-d5	92	50-150
2-Fluorobiphenyl	89	60-120
2,4,6-Tribromophenol	95	50-150
Terphenyl-d14	94	60-120

LA 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-006A

ID#: 0207281B-05A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: y071712	Date of Collection: 7/12/02
Dil. Factor: 1.00	Date of Analysis: 7/17/02
	Date of Extraction: 7/15/02

Compound	Rpt. Limit (ug)	Amount (ug)	
Phenol	5.0	Not Detected	1UJ
bis(2-Chloroethyl) Ether	1.0	Not Detected	1UJ
2-Chlorophenol	5.0	Not Detected	1UJ
1,3-Dichlorobenzene	1.0	Not Detected	1UJ
1,4-Dichlorobenzene	1.0	9.3	1J
1,2-Dichlorobenzene	1.0	120	1J
2-Methylphenol (o-Cresol)	5.0	Not Detected	1UJ
N-Nitroso-di-n-propylamine	1.0	Not Detected	1UJ
4-Methylphenol	5.0	Not Detected	1UJ
Hexachloroethane	1.0	Not Detected	1UJ
Nitrobenzene	1.0	Not Detected	1UJ
Isophorone	1.0	63	1J
2-Nitrophenol	5.0	Not Detected	1UJ
2,4-Dimethylphenol	5.0	Not Detected	1UJ
bis(2-Chloroethoxy) Methane	1.0	Not Detected	1UJ
2,4-Dichlorophenol	5.0	Not Detected	1UJ
1,2,4-Trichlorobenzene	1.0	4.1	1J
Naphthalene	1.0	59	1J
4-Chloroaniline	10	Not Detected	1UJ
Hexachlorobutadiene	1.0	0.84 J	1
4-Chloro-3-methylphenol	5.0	Not Detected	1UJ
2-Methylnaphthalene	1.0	9.1	1J
Hexachlorocyclopentadiene	20	Not Detected	1UJ
2,4,6-Trichlorophenol	5.0	Not Detected	1UJ
2,4,5-Trichlorophenol	5.0	Not Detected	1UJ
2-Chloronaphthalene	1.0	Not Detected	1UJ
2-Nitroaniline	10	Not Detected	1UJ
Dimethylphthalate	5.0	Not Detected	1UJ
Acenaphthylene	1.0	Not Detected	1UJ
2,6-Dinitrotoluene	5.0	Not Detected	1UJ
3-Nitroaniline	10	Not Detected	1UJ
Acenaphthene	1.0	Not Detected	1UJ
2,4-Dinitrophenol	20	Not Detected	1UJ
4-Nitrophenol	20	Not Detected	1UJ
2,4-Dinitrotoluene	5.0	Not Detected	1UJ
Dibenzofuran	1.0	Not Detected	1UJ
Diethylphthalate	5.0	Not Detected	1UJ
Fluorene	1.0	Not Detected	1UJ
4-Chlorophenyl-phenyl Ether	1.0	Not Detected	1U
4-Nitroaniline	10	Not Detected	1U
4,6-Dinitro-2-methylphenol	10	Not Detected	1U

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-006A

ID#: 0207281B-05A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	y071712	**Date of Collection:**	7/12/02
Dil. Factor:	1.00	**Date of Analysis:**	7/17/02
		Date of Extraction:	7/15/02

Compound	Rpt. Limit (ug)	Amount (ug)	
N-Nitrosodiphenylamine	10	Not Detected	1UJ
4-Bromophenyl-phenyl Ether	1.0	Not Detected	1UJ
Hexachlorobenzene	1.0	Not Detected	1UJ
Pentachlorophenol	20	Not Detected	1UJ
Phenanthrene	1.0	Not Detected	1UJ
Anthracene	1.0	Not Detected	1UJ
di-n-Butylphthalate	5.0	Not Detected	1UJ
Fluoranthene	1.0	Not Detected	1UJ
Pyrene	1.0	Not Detected	1UJ
Butylbenzylphthalate	5.0	0.34 J	1JB
3,3'-Dichlorobenzidine	20	Not Detected	1UJ
Chrysene	1.0	Not Detected	1UJ
Benzo(a)anthracene	1.0	Not Detected	1UJ
bis(2-Ethylhexyl)phthalate	5.0	Not Detected	1UJ
Di-n-Octylphthalate	5.0	Not Detected	1UJ
Benzo(b)fluoranthene	1.0	Not Detected	1UJ
Benzo(k)fluoranthene	1.0	Not Detected	1UJ
Benzo(a)pyrene	1.0	Not Detected	1UJ
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected	1UJ
Dibenz(a,h)anthracene	1.0	Not Detected	1UJ
Benzo(g,h,i)perylene	1.0	Not Detected	1UJ

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

Surrogates	%Recovery	Method Limits
2-Fluorophenol	0 Q	50-150
Phenol-d5	103	50-150
Nitrobenzene-d5	114	50-150
2-Fluorobiphenyl	91	60-120
2,4,6-Tribromophenol	78	50-150
Terphenyl-d14	91	60-120

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-006A

ID#: 0207281B-06A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	y071713	**Date of Collection:**	7/12/02
Dil. Factor:	1.00	**Date of Analysis:**	7/17/02
		Date of Extraction:	7/15/02

Compound	Rpt. Limit (ug)	Amount (ug)	
Phenol	5.0	15	1J
bis(2-Chloroethyl) Ether	1.0	Not Detected	1UJ
2-Chlorophenol	5.0	Not Detected	1UJ
1,3-Dichlorobenzene	1.0	Not Detected	1UJ
1,4-Dichlorobenzene	1.0	9.3	1J
1,2-Dichlorobenzene	1.0	120	1J
2-Methylphenol (o-Cresol)	5.0	Not Detected	1UJ
N-Nitroso-di-n-propylamine	1.0	Not Detected	1UJ
4-Methylphenol	5.0	Not Detected	1UJ
Hexachloroethane	1.0	Not Detected	1UJ
Nitrobenzene	1.0	Not Detected	1UJ
Isophorone	1.0	62	1J
2-Nitrophenol	5.0	Not Detected	1UJ
2,4-Dimethylphenol	5.0	Not Detected	1UJ
bis(2-Chloroethoxy) Methane	1.0	Not Detected	1UJ
2,4-Dichlorophenol	5.0	Not Detected	1UJ
1,2,4-Trichlorobenzene	1.0	4.7	1J
Naphthalene	1.0	64	1J
4-Chloroaniline	10	Not Detected	1UJ
Hexachlorobutadiene	1.0	0.91 J	1J
4-Chloro-3-methylphenol	5.0	Not Detected	1UJ
2-Methylnaphthalene	1.0	10	1J
Hexachlorocyclopentadiene	20	Not Detected	1UJ
2,4,6-Trichlorophenol	5.0	Not Detected	1UJ
2,4,5-Trichlorophenol	5.0	Not Detected	1UJ
2-Chloronaphthalene	1.0	Not Detected	1UJ
2-Nitroaniline	10	Not Detected	1UJ
Dimethylphthalate	5.0	Not Detected	1UJ
Acenaphthylene	1.0	Not Detected	1UJ
2,6-Dinitrotoluene	5.0	Not Detected	1UJ
3-Nitroaniline	10	Not Detected	1UJ
Acenaphthene	1.0	Not Detected	1UJ
2,4-Dinitrophenol	20	Not Detected	1UJ
4-Nitrophenol	20	Not Detected	1UJ
2,4-Dinitrotoluene	5.0	Not Detected	1UJ
Dibenzofuran	1.0	Not Detected	1UJ
Diethylphthalate	5.0	0.31 J	1J
Fluorene	1.0	Not Detected	1UJ
4-Chlorophenyl-phenyl Ether	1.0	Not Detected	1UJ
4-Nitroaniline	10	Not Detected	1UJ
4,6-Dinitro-2-methylphenol	10	Not Detected	1UJ

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-006A

ID#: 0207281B-06A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	y071713	Date of Collection: 7/12/02
Dil. Factor:	1.00	Date of Analysis: 7/17/02
		Date of Extraction: 7/15/02

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

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

Surrogates	%Recovery	Method Limits
2-Fluorophenol	0 Q	50-150
Phenol-d5	108	50-150
Nitrobenzene-d5	115	50-150
2-Fluorobiphenyl	91	60-120
2,4,6-Tribromophenol	86	50-150
Terphenyl-d14	95	60-120

UH
8/29/12

July 18, 2002 Compliance Sample Laboratory Results

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-007A

ID#: 0207450R1-04A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: a080109 Date of Collection: 7/18/02
Dil. Factor: 1.44 Date of Analysis: 8/1/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	0.72	1.5	6.4	13
Vinyl Chloride	0.72	1.9	2.6	6.8
Bromomethane	0.72	2.8	Not Detected	Not Detected
Chloroethane	0.72	1.9	Not Detected	Not Detected
1,1-Dichloroethene	0.72	2.9	11	44
Methylene Chloride	0.72	2.5	6.3	22
1,1-Dichloroethane	0.72	3.0	0.70 J 15	2.9 J
cis-1,2-Dichloroethene	0.72	2.9	2.8	11
Chloroform	0.72	3.6	1.2	5.9
1,1,1-Trichloroethane	0.72	4.0	1.2	6.6
Carbon Tetrachloride	0.72	4.6	1.3	8.4
Benzene	0.72	2.3	7.0	23
1,2-Dichloroethane	0.72	3.0	Not Detected	Not Detected
Trichloroethene	0.72	3.9	5.2	28
1,2-Dichloropropane	0.72	3.4	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.72	3.3	0.16 J 15	0.72 J
Toluene	0.72	2.8	4.4	17
trans-1,3-Dichloropropene	0.72	3.3	Not Detected	Not Detected
1,1,2-Trichloroethane	0.72	4.0	Not Detected	Not Detected
Tetrachloroethene	0.72	5.0	6.7	46
Chlorobenzene	0.72	3.4	0.91	4.3
Ethyl Benzene	0.72	3.2	0.26 J 15	1.2 J
m,p-Xylene	0.72	3.2	0.71 J 15	3.1 J
o-Xylene	0.72	3.2	0.26 J 15	1.1 J
Styrene	0.72	3.1	0.94	4.0
1,1,2,2-Tetrachloroethane	0.72	5.0	Not Detected	Not Detected
Acetone	2.9	7.0	61	150
Carbon Disulfide	2.9	9.1	8.3	26
trans-1,2-Dichloroethene	2.9	12	1.0 J 15	4.2 J
2-Butanone (Methyl Ethyl Ketone)	2.9	8.6	37	110
Bromodichloromethane	2.9	20	Not Detected	Not Detected
4-Methyl-2-pentanone	2.9	12	2.0 J 15	8.5 J
2-Hexanone	2.9	12	Not Detected	Not Detected
Dibromochloromethane	2.9	25	Not Detected	Not Detected
Bromoform	2.9	30	1.3 J 15	13 J

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH
8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-007A

ID#: 0207450R1-04A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: a080109 Date of Collection: 7/18/02
Dil. Factor: Date of Analysis: 8/1/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	105	70-130
4-Bromofluorobenzene	88	70-130

LH
5/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-007A

ID#: 0207450R1-05A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: a080116 Date of Collection: 7/18/02
Dil. Factor: 5560 Date of Analysis: 8/1/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	2800	5800	Not Detected	Not Detected
Vinyl Chloride	2800	7200	2100 J IJ	5500 J
Bromomethane	2800	11000	Not Detected	Not Detected
Chloroethane	2800	7400	2700 J IJ	7100 J
1,1-Dichloroethene	2800	11000	Not Detected	Not Detected
Methylene Chloride	2800	9800	110000	390000
1,1-Dichloroethane	2800	11000	37000	150000
cis-1,2-Dichloroethene	2800	11000	35000	140000
Chloroform	2800	14000	5300	26000
1,1,1-Trichloroethane	2800	15000	110000	640000
Carbon Tetrachloride	2800	18000	Not Detected	Not Detected
Benzene	2800	9000	110000	370000
1,2-Dichloroethane	2800	11000	3800	16000
Trichloroethene	2800	15000	79000	430000
1,2-Dichloropropane	2800	13000	Not Detected	Not Detected
cis-1,3-Dichloropropene	2800	13000	Not Detected	Not Detected
Toluene	2800	11000	770000	3000000
trans-1,3-Dichloropropene	2800	13000	Not Detected	Not Detected
1,1,2-Trichloroethane	2800	15000	Not Detected	Not Detected
Tetrachloroethene	2800	19000	66000	460000
Chlorobenzene	2800	13000	200 J IJ	940 J
Ethyl Benzene	2800	12000	53000	240000
m,p-Xylene	2800	12000	200000	860000
o-Xylene	2800	12000	55000	240000
Styrene	2800	12000	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	2800	19000	Not Detected	Not Detected
Acetone	11000	27000	130000	320000
Carbon Disulfide	11000	35000	Not Detected	Not Detected
trans-1,2-Dichloroethene	11000	45000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	11000	33000	150000	460000
Bromodichloromethane	11000	76000	Not Detected	Not Detected
4-Methyl-2-pentanone	11000	46000	70000	290000
2-Hexanone	11000	46000	Not Detected	Not Detected
Dibromochloromethane	11000	96000	Not Detected	Not Detected
Bromoform	11000	120000	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH
8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-007A

ID#: 0207450R1-05A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: a080116 Date of Collection: 7/18/02
Dil Factor: 1.5561 Date of Analysis: 8/1/02

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

LH
8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-007A

ID#: 0207450R1-06A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	a080115	**Date of Collection:**	7/18/02
Dil. Factor:	5560	**Date of Analysis:**	8/1/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	2800	5800	Not Detected	Not Detected
Vinyl Chloride	2800	7200	3500	9000
Bromomethane	2800	11000	Not Detected	Not Detected
Chloroethane	2800	7400	3500	9500
1,1-Dichloroethene	2800	11000	Not Detected	Not Detected
Methylene Chloride	2800	9800	130000	470000
1,1-Dichloroethane	2800	11000	44000	180000
cis-1,2-Dichloroethene	2800	11000	46000	180000
Chloroform	2800	14000	6500	32000
1,1,1-Trichloroethane	2800	15000	140000	760000
Carbon Tetrachloride	2800	18000	Not Detected	Not Detected
Benzene	2800	9000	130000	430000
1,2-Dichloroethane	2800	11000	4900	20000
Trichloroethene	2800	15000	94000	510000
1,2-Dichloropropane	2800	13000	Not Detected	Not Detected
cis-1,3-Dichloropropene	2800	13000	Not Detected	Not Detected
Toluene	2800	11000	910000	3500000
trans-1,3-Dichloropropene	2800	13000	Not Detected	Not Detected
1,1,2-Trichloroethane	2800	15000	700 J IS	3900 J
Tetrachloroethene	2800	19000	79000	540000
Chlorobenzene	2800	13000	360 J IS	1700 J
Ethyl Benzene	2800	12000	62000	270000
m,p-Xylene	2800	12000	230000	1000000
o-Xylene	2800	12000	63000	280000
Styrene	2800	12000	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	2800	19000	Not Detected	Not Detected
Acetone	11000	27000	170000	410000
Carbon Disulfide	11000	35000	Not Detected	Not Detected
trans-1,2-Dichloroethene	11000	45000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	11000	33000	200000	600000
Bromodichloromethane	11000	76000	Not Detected	Not Detected
4-Methyl-2-pentanone	11000	46000	86000	360000
2-Hexanone	11000	46000	Not Detected	Not Detected
Dibromochloromethane	11000	96000	Not Detected	Not Detected
Bromoform	11000	120000	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH
8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-007A

ID#: 0207450R1-06A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: a080115 Date of Collection: 7/18/02
Dil. Factor: 5580 Date of Analysis: 8/1/02

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

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-007A

ID#: 0207416-04A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: y072314		Date of Collection: 7/18/02
Dil. Factor: 1.00		Date of Analysis: 7/23/02
		Date of Extraction: 7/19/02

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	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	0.41 J
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

ISB

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-007A

ID#: 0207416-04A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: y072314		Date of Collection: 7/18/02
Dil. Factor: 1.00		Date of Analysis: 7/23/02
		Date of Extraction: 7/19/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	0.31 J JB
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: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	69	50-150
Phenol-d5	82	50-150
Nitrobenzene-d5	74	50-150
2-Fluorobiphenyl	68	60-120
2,4,6-Tribromophenol	86	50-150
Terphenyl-d14	70	60-120

LH
8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-007A

ID#: 0207416-05A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	y072315	Date of Collection:	7/18/02
Dil. Factor:	1.00	Date of Analysis:	7/23/02
		Date of Extraction:	7/19/02

Compound	Rpt. Limit (ug)	Amount (ug)	
Phenol	5.0	18	/J
bis(2-Chloroethyl) Ether	1.0	Not Detected	/UJ
2-Chlorophenol	5.0	Not Detected	/UJ
1,3-Dichlorobenzene	1.0	Not Detected	/UJ
1,4-Dichlorobenzene	1.0	6.7	/J
1,2-Dichlorobenzene	1.0	94	/J
2-Methylphenol (o-Cresol)	5.0	Not Detected	/UJ
N-Nitroso-di-n-propylamine	1.0	Not Detected	/UJ
4-Methylphenol	5.0	12	/J
Hexachloroethane	1.0	Not Detected	/UJ
Nitrobenzene	1.0	Not Detected	/UJ
Isophorone	1.0	68	/J
2-Nitrophenol	5.0	Not Detected	/UJ
2,4-Dimethylphenol	5.0	3.4 J	/J
bis(2-Chloroethoxy) Methane	1.0	Not Detected	/UJ
2,4-Dichlorophenol	5.0	Not Detected	/UJ
1,2,4-Trichlorobenzene	1.0	4.4	/J
Naphthalene	1.0	41	/J
4-Chloroaniline	10	Not Detected	/UJ
Hexachlorobutadiene	1.0	Not Detected	/UJ
4-Chloro-3-methylphenol	5.0	Not Detected	/UJ
2-Methylnaphthalene	1.0	6.9	/J
Hexachlorocyclopentadiene	20	Not Detected	/UJ
2,4,6-Trichlorophenol	5.0	Not Detected	/UJ
2,4,5-Trichlorophenol	5.0	Not Detected	/UJ
2-Chloronaphthalene	1.0	Not Detected	/UJ
2-Nitroaniline	10	Not Detected	/UJ
Dimethylphthalate	5.0	Not Detected	/UJ
Acenaphthylene	1.0	Not Detected	/UJ
2,6-Dinitrotoluene	5.0	Not Detected	/UJ
3-Nitroaniline	10	Not Detected	/UJ
Acenaphthene	1.0	Not Detected	/UJ
2,4-Dinitrophenol	20	Not Detected	/UJ
4-Nitrophenol	20	Not Detected	/UJ
2,4-Dinitrotoluene	5.0	Not Detected	/UJ
Dibenzofuran	1.0	Not Detected	/UJ
Diethylphthalate	5.0	0.43 J	/JB
Fluorene	1.0	Not Detected	/UJ
4-Chlorophenyl-phenyl Ether	1.0	Not Detected	/UJ
4-Nitroaniline	10	Not Detected	/UJ
4,6-Dinitro-2-methylphenol	10	Not Detected	/UJ

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-007A

ID#: 0207416-05A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	y072315	Date of Collection:	7/18/02
Dil'n Factor:	1.00	Date of Analysis:	7/23/02
		Date of Extraction:	7/19/02

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

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

Surrogates	%Recovery	Method Limits
2-Fluorophenol	0 U Q	50-150
Phenol-d5	100	50-150
Nitrobenzene-d5	85	50-150
2-Fluorobiphenyl	79	60-120
2,4,6-Tribromophenol	88	50-150
Terphenyl-d14	78	60-120

LH
8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-007A

ID#: 0207416-06A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: y072316	Date of Collection: 7/18/02
Dil. Factor: 1.00	Date of Analysis: 7/23/02
	Date of Extraction: 7/19/02

Compound	Rpt. Limit (ug)	Amount (ug)	
Phenol	5.0	17	1J
bis(2-Chloroethyl) Ether	1.0	Not Detected	1UJ
2-Chlorophenol	5.0	Not Detected	1UJ
1,3-Dichlorobenzene	1.0	Not Detected	1UJ
1,4-Dichlorobenzene	1.0	5.9	1J
1,2-Dichlorobenzene	1.0	87	1J
2-Methylphenol (o-Cresol)	5.0	Not Detected	1UJ
N-Nitroso-di-n-propylamine	1.0	Not Detected	1UJ
4-Methylphenol	5.0	12	1J
Hexachloroethane	1.0	Not Detected	1UJ
Nitrobenzene	1.0	Not Detected	1UJ
Isophorone	1.0	62	1J
2-Nitrophenol	5.0	Not Detected	1UJ
2,4-Dimethylphenol	5.0	3.3 J	1J
bis(2-Chloroethoxy) Methane	1.0	Not Detected	1UJ
2,4-Dichlorophenol	5.0	Not Detected	1UJ
1,2,4-Trichlorobenzene	1.0	4.1	1J
Naphthalene	1.0	39	1J
4-Chloroaniline	10	Not Detected	1UJ
Hexachlorobutadiene	1.0	Not Detected	1UJ
4-Chloro-3-methylphenol	5.0	Not Detected	1UJ
2-Methylnaphthalene	1.0	6.3	1J
Hexachlorocyclopentadiene	20	Not Detected	1UJ
2,4,6-Trichlorophenol	5.0	Not Detected	1UJ
2,4,5-Trichlorophenol	5.0	Not Detected	1UJ
2-Chloronaphthalene	1.0	Not Detected	1UJ
2-Nitroaniline	10	Not Detected	1UJ
Dimethylphthalate	5.0	Not Detected	1UJ
Acenaphthylene	1.0	Not Detected	1UJ
2,6-Dinitrotoluene	5.0	Not Detected	1UJ
3-Nitroaniline	10	Not Detected	1UJ
Acenaphthene	1.0	Not Detected	1UJ
2,4-Dinitrophenol	20	Not Detected	1UJ
4-Nitrophenol	20	Not Detected	1UJ
2,4-Dinitrotoluene	5.0	Not Detected	1UJ
Dibenzofuran	1.0	Not Detected	1UJ
Diethylphthalate	5.0	0.37 J	1JB
Fluorene	1.0	Not Detected	1UJ
4-Chlorophenyl-phenyl Ether	1.0	Not Detected	1UJ
4-Nitroaniline	10	Not Detected	1UJ
4,6-Dinitro-2-methylphenol	10	Not Detected	1UJ

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-007A

ID#: 0207416-06A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	y072316	Date of Collection:	7/18/02
Dil. Factor:	1.00	Date of Analysis:	7/23/02
		Date of Extraction:	7/19/02

Compound	Rpt. Limit (ug)	Amount (ug)	
N-Nitrosodiphenylamine	10	Not Detected	1UJ
4-Bromophenyl-phenyl Ether	1.0	Not Detected	1UJ
Hexachlorobenzene	1.0	Not Detected	1UJ
Pentachlorophenol	20	Not Detected	1UJ
Phenanthrene	1.0	Not Detected	1UJ
Anthracene	1.0	Not Detected	1UJ
di-n-Butylphthalate	5.0	Not Detected	1UJ
Fluoranthene	1.0	Not Detected	1UJ
Pyrene	1.0	Not Detected	1UJ
Butylbenzylphthalate	5.0	0.26 J	1JB
3,3'-Dichlorobenzidine	20	Not Detected	1UJ
Chrysene	1.0	Not Detected	1UJ
Benzo(a)anthracene	1.0	Not Detected	1UJ
bis(2-Ethylhexyl)phthalate	5.0	Not Detected	1UJ
Di-n-Octylphthalate	5.0	Not Detected	1UJ
Benzo(b)fluoranthene	1.0	Not Detected	1UJ
Benzo(k)fluoranthene	1.0	Not Detected	1UJ
Benzo(a)pyrene	1.0	Not Detected	1UJ
Indeno(1,2,3-c,d)pyrene	1.0	Not Detected	1UJ
Dibenz(a,h)anthracene	1.0	Not Detected	1UJ
Benzo(g,h,i)perylene	1.0	Not Detected	1UJ

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

Surrogates	%Recovery	Method Limits
2-Fluorophenol	0 U Q	50-150
Phenol-d5	93	50-150
Nitrobenzene-d5	82	50-150
2-Fluorobiphenyl	76	60-120
2,4,6-Tribromophenol	86	50-150
Terphenyl-d14	75	60-120

LH
8/29/02

July 25, 2002 Compliance Sample Laboratory Results

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-008A

ID#: 0207567A-04A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: r080206 Date of Collection: 7/25/02
Dil Factor: 1.49 Date of Analysis: 8/2/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	0.74	1.6	6.6	14
Vinyl Chloride	0.74	1.9	2.8	7.4
Bromomethane	0.74	2.9	0.43 J /J	1.7 J
Chloroethane	0.74	2.0	Not Detected	Not Detected
1,1-Dichloroethene	0.74	3.0	12	50
Methylene Chloride	0.74	2.6	13	45
1,1-Dichloroethane	0.74	3.1	1.5	6.0
cis-1,2-Dichloroethene	0.74	3.0	3.6	15
Chloroform	0.74	3.7	3.6	18
1,1,1-Trichloroethane	0.74	4.1	5.6	31
Carbon Tetrachloride	0.74	4.8	2.7	17
Benzene	0.74	2.4	22	72
1,2-Dichloroethane	0.74	3.1	Not Detected	Not Detected
Trichloroethene	0.74	4.1	10	56
1,2-Dichloropropane	0.74	3.5	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.74	3.4	0.42 J /J	1.9 J
Toluene	0.74	2.8	15	56
trans-1,3-Dichloropropene	0.74	3.4	0.33 J /J	1.5 J
1,1,2-Trichloroethane	0.74	4.1	Not Detected	Not Detected
Tetrachloroethene	0.74	5.1	11	79
Chlorobenzene	0.74	3.5	0.90	4.2
Ethyl Benzene	0.74	3.3	0.87	3.8
m,p-Xylene	0.74	3.3	2.8	12
o-Xylene	0.74	3.3	0.90	4.0
Styrene	0.74	3.2	1.8	8.0
1,1,2,2-Tetrachloroethane	0.74	5.2	Not Detected	Not Detected
Acetone	3.0	7.2	55	130
Carbon Disulfide	3.0	9.4	1.2 J /J	3.9 J
trans-1,2-Dichloroethene	3.0	12	1.6 J /J	6.7 J
2-Butanone (Methyl Ethyl Ketone)	3.0	8.9	20	61
Bromodichloromethane	3.0	20	0.36 J /J	2.5 J
4-Methyl-2-pentanone	3.0	12	0.65 J /J	2.7 J
2-Hexanone	3.0	12	Not Detected	Not Detected
Dibromochloromethane	3.0	26	Not Detected	Not Detected
Bromoform	3.0	31	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH
8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-008A

ID#: 0207567A-04A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: r080206 Date of Collection: 7/25/02
Dil. Factor: 1.49 Date of Analysis: 8/2/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	110	70-130

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-008A

ID#: 0207567A-05A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	r080209	**Date of Collection:**	7/25/02
Dil. Factor:	11100	**Date of Analysis:**	8/2/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	5600	12000	Not Detected	Not Detected
Vinyl Chloride	5600	14000	Not Detected	Not Detected
Bromomethane	5600	22000	Not Detected	Not Detected
Chloroethane	5600	15000	Not Detected	Not Detected
1,1-Dichloroethene	5600	22000	800 J /J	3200 J
Methylene Chloride	5600	20000	180000	620000
1,1-Dichloroethane	5600	23000	42000	170000
cis-1,2-Dichloroethene	5600	22000	50000	200000
Chloroform	5600	28000	7200	36000
1,1,1-Trichloroethane	5600	31000	190000	1000000
Carbon Tetrachloride	5600	35000	Not Detected	Not Detected
Benzene	5600	18000	230000	740000
1,2-Dichloroethane	5600	23000	4300 J /J	18000 J
Trichloroethene	5600	30000	120000	630000
1,2-Dichloropropane	5600	26000	1900 J /J	9000 J
cis-1,3-Dichloropropene	5600	26000	Not Detected	Not Detected
Toluene	5600	21000	1000000	4000000
trans-1,3-Dichloropropene	5600	26000	Not Detected	Not Detected
1,1,2-Trichloroethane	5600	31000	Not Detected	Not Detected
Tetrachloroethene	5600	38000	110000	770000
Chlorobenzene	5600	26000	Not Detected	Not Detected
Ethyl Benzene	5600	24000	88000	390000
m,p-Xylene	5600	24000	300000	1300000
o-Xylene	5600	24000	81000	360000
Styrene	5600	24000	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	5600	39000	Not Detected	Not Detected
Acetone	22000	54000	120000	290000
Carbon Disulfide	22000	70000	Not Detected	Not Detected
trans-1,2-Dichloroethene	22000	89000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	22000	66000	160000	490000
Bromodichloromethane	22000	150000	Not Detected	Not Detected
4-Methyl-2-pentanone	22000	92000	53000	220000
2-Hexanone	22000	92000	Not Detected	Not Detected
Dibromochloromethane	22000	190000	Not Detected	Not Detected
Bromoform	22000	230000	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-008A

ID#: 0207567A-05A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: r080209 **Date of Collection:** 7/25/02
Dil. Factor: 11100 **Date of Analysis:** 8/2/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	105	70-130

LH
8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-008A

ID#: 0207567A-06A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	r080210	**Date of Collection:**	7/25/02
Dil. Factor:	1110011	**Date of Analysis:**	8/2/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	5600	12000	Not Detected	Not Detected
Vinyl Chloride	5600	14000	Not Detected	Not Detected
Bromomethane	5600	22000	Not Detected	Not Detected
Chloroethane	5600	15000	1800 J /J	4900 J
1,1-Dichloroethene	5600	22000	820 J /J	3300 J
Methylene Chloride	5600	20000	190000	670000
1,1-Dichloroethane	5600	23000	46000	190000
cis-1,2-Dichloroethene	5600	22000	54000	220000
Chloroform	5600	28000	7800	38000
1,1,1-Trichloroethane	5600	31000	200000	1100000
Carbon Tetrachloride	5600	35000	Not Detected	Not Detected
Benzene	5600	18000	240000	790000
1,2-Dichloroethane	5600	23000	4600 J /J	19000 J
Trichloroethene	5600	30000	120000	670000
1,2-Dichloropropane	5600	26000	1600 J /J	7800 J
cis-1,3-Dichloropropene	5600	26000	Not Detected	Not Detected
Toluene	5600	21000	1100000	4300000
trans-1,3-Dichloropropene	5600	26000	Not Detected	Not Detected
1,1,2-Trichloroethane	5600	31000	Not Detected	Not Detected
Tetrachloroethene	5600	38000	120000	800000
Chlorobenzene	5600	26000	Not Detected	Not Detected
Ethyl Benzene	5600	24000	97000	430000
m,p-Xylene	5600	24000	330000	1400000
o-Xylene	5600	24000	90000	400000
Styrene	5600	24000	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	5600	39000	Not Detected	Not Detected
Acetone	22000	54000	130000	320000
Carbon Disulfide	22000	70000	2100 J /J	6700 J
trans-1,2-Dichloroethene	22000	89000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	22000	66000	180000	540000
Bromodichloromethane	22000	150000	Not Detected	Not Detected
4-Methyl-2-pentanone	22000	92000	58000	240000
2-Hexanone	22000	92000	Not Detected	Not Detected
Dibromochloromethane	22000	190000	Not Detected	Not Detected
Bromoform	22000	230000	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-008A

ID#: 0207567A-06A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: r080210	**Date of Collection:** 7/25/02
Dil. Factor: 11100	**Date of Analysis:** 8/2/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	107	70-130

LH
8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-008A

ID#: 0207567B-04A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: y073008	Date of Collection: 7/25/02
Dil. Factor: 1.00	Date of Analysis: 7/30/02
	Date of Extraction: 7/26/02

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	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	0.35 J
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

JB

UH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-EF1-008A

ID#: 0207567B-04A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: y073008	Date of Collection: 7/25/02
Dil Factor: 1.00	Date of Analysis: 7/30/02
	Date of Extraction: 7/26/02

Compound	Rpt. Limit (ug)	Amount (ug)	
N-Nitrosodiphenylamine	10	Not Detected	
4-Bromophenyl-phenyl Ether	1.0	Not Detected	
Hexachlorobenzene	1.0	Not Detected	
Pentachlorophenol	20	Not Detected	
Phenanthrene	1.0	Not Detected	
Anthracene	1.0	Not Detected	
di-n-Butylphthalate	5.0	0.63 J	JB
Fluoranthene	1.0	Not Detected	
Pyrene	1.0	Not Detected	
Butylbenzylphthalate	5.0	0.40 J	JB
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: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	68	50-150
Phenol-d5	77	50-150
Nitrobenzene-d5	69	50-150
2-Fluorobiphenyl	65	60-120
2,4,6-Tribromophenol	75	50-150
Terphenyl-d14	70	60-120

UA 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-008A

ID#: 0207567B-05A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: y073009		Date of Collection: 7/25/02
Dil. Factor: 1.00		Date of Analysis: 7/30/02
		Date of Extraction: 7/26/02

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	15
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	5.5
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Naphthalene	1.0	5.8
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	0.84 J
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

J

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN1-008A

ID#: 0207567B-05A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: y073009 Date of Collection: 7/25/02
Dil. Factor: 1.00 Date of Analysis: 7/30/02
Date of Extraction: 7/26/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	0.58 J JB
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	0.45 J JB
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.
Q = Exceeds Quality Control limits.
Container Type: XAD Tube: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	15 Q	50-150
Phenol-d5	76	50-150
Nitrobenzene-d5	81	50-150
2-Fluorobiphenyl	77	60-120
2,4,6-Tribromophenol	76	50-150
Terphenyl-d14	77	60-120

LH 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-008A

ID#: 0207567B-06A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	y073011	Date of Collection:	7/25/02
Dil. Factor:	1.00	Date of Analysis:	7/30/02
		Date of Extraction:	7/26/02

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	35	
2-Methylphenol (o-Cresol)	5.0	Not Detected	
N-Nitroso-di-n-propylamine	1.0	Not Detected	
4-Methylphenol	5.0	Not Detected	
Hexachloroethane	1.0	Not Detected	
Nitrobenzene	1.0	Not Detected	
Isophorone	1.0	14	
2-Nitrophenol	5.0	Not Detected	
2,4-Dimethylphenol	5.0	Not Detected	
bis(2-Chloroethoxy) Methane	1.0	Not Detected	
2,4-Dichlorophenol	5.0	Not Detected	
1,2,4-Trichlorobenzene	1.0	0.60 J	/J
Naphthalene	1.0	18	
4-Chloroaniline	10	Not Detected	
Hexachlorobutadiene	1.0	1.2	
4-Chloro-3-methylphenol	5.0	Not Detected	
2-Methylnaphthalene	1.0	2.8	
Hexachlorocyclopentadiene	20	Not Detected	
2,4,6-Trichlorophenol	5.0	Not Detected	
2,4,5-Trichlorophenol	5.0	Not Detected	
2-Chloronaphthalene	1.0	Not Detected	
2-Nitroaniline	10	Not Detected	
Dimethylphthalate	5.0	Not Detected	
Acenaphthylene	1.0	Not Detected	
2,6-Dinitrotoluene	5.0	Not Detected	
3-Nitroaniline	10	Not Detected	
Acenaphthene	1.0	Not Detected	
2,4-Dinitrophenol	20	Not Detected	
4-Nitrophenol	20	Not Detected	
2,4-Dinitrotoluene	5.0	Not Detected	
Dibenzofuran	1.0	Not Detected	
Diethylphthalate	5.0	0.33 J	/JB
Fluorene	1.0	Not Detected	
4-Chlorophenyl-phenyl Ether	1.0	Not Detected	
4-Nitroaniline	10	Not Detected	
4,6-Dinitro-2-methylphenol	10	Not Detected	

LA 8/29/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME205-IN2-008A

ID#: 0207567B-06A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: y073011	**Date of Collection:** 7/25/02
Dil. Factor: 1.00	**Date of Analysis:** 7/30/02
	Date of Extraction: 7/26/02

Compound	Rpt. Limit (ug)	Amount (ug)	
N-Nitrosodiphenylamine	10	Not Detected	
4-Bromophenyl-phenyl Ether	1.0	Not Detected	
Hexachlorobenzene	1.0	Not Detected	
Pentachlorophenol	20	Not Detected	
Phenanthrene	1.0	Not Detected	
Anthracene	1.0	Not Detected	
di-n-Butylphthalate	5.0	0.67 J	JB
Fluoranthene	1.0	Not Detected	
Pyrene	1.0	Not Detected	
Butylbenzylphthalate	5.0	0.41 J	JB
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.
Q = Exceeds Quality Control limits.
Container Type: XAD Tube: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	11 Q	50-150
Phenol-d5	80	50-150
Nitrobenzene-d5	81	50-150
2-Fluorobiphenyl	79	60-120
2,4,6-Tribromophenol	69	50-150
Terphenyl-d14	76	60-120

LH 8/29/02

August 8, 2002 Compliance Sample Laboratory Results

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME106EF1 AUGA

ID#: 0208207B-01A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name	y08170[illegible]	Date of Collection	[illegible]
Dilution	[illegible]	Date of Analysis	[illegible]
[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	2.1
1,2-Dichlorobenzene	1.0	2.6
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-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	0.39 J /J
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 /R
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	0.29 J /J
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

LH 9/24

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME106EF1 AUGA

ID#: 0208207B-01A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: [illegible]	Date of Collection: [illegible]
Dilution: [illegible]	Date of Analysis: [illegible]
	Date of Extraction: [illegible]

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	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: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	63	50-150
Phenol-d5	77	50-150
Nitrobenzene-d5	72	50-150
2-Fluorobiphenyl	73	60-120
2,4,6-Tribromophenol	80	50-150
Terphenyl-d14	77	60-120

4/ 9/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME106IN1 AUGA

ID#: 0208207A-02A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

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

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	45	94	Not Detected	Not Detected
Vinyl Chloride	45	120	5000	13000
Bromomethane	45	180	Not Detected	Not Detected
Chloroethane	45	120	2100	5700
1,1-Dichloroethene	45	180	Not Detected	Not Detected
Methylene Chloride	45	160	160	560
1,1-Dichloroethane	45	180	680	2800
cis-1,2-Dichloroethene	45	180	10000	42000
Chloroform	45	220	Not Detected	Not Detected
1,1,1-Trichloroethane	45	250	410	2200
Carbon Tetrachloride	45	280	Not Detected	Not Detected
Benzene	45	140	14000	47000
1,2-Dichloroethane	45	180	84	340
Trichloroethene	45	240	94	520
1,2-Dichloropropane	45	210	63	300
cis-1,3-Dichloropropene	45	200	Not Detected	Not Detected
Toluene	45	170	8600	33000
trans-1,3-Dichloropropene	45	200	Not Detected	Not Detected
1,1,2-Trichloroethane	45	250	Not Detected	Not Detected
Tetrachloroethene	45	310	Not Detected	Not Detected
Chlorobenzene	45	210	760	3500
Ethyl Benzene	45	200	2000	8600
m,p-Xylene	45	200	7700	34000
o-Xylene	45	200	2400	11000
Styrene	45	190	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	45	310	Not Detected	Not Detected
Acetone	180	430	190	450
Carbon Disulfide	180	560	Not Detected	Not Detected
trans-1,2-Dichloroethene	180	720	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	180	540	Not Detected	Not Detected
Bromodichloromethane	180	1200	Not Detected	Not Detected
4-Methyl-2-pentanone	180	740	Not Detected	Not Detected
2-Hexanone	180	740	Not Detected	Not Detected
Dibromochloromethane	180	1500	Not Detected	Not Detected
Bromoform	180	1900	Not Detected	Not Detected

Container Type: 6 Liter Summa Canister

LH 9/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME106IN1 AUGA

ID#: 0208207A-02A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	[illegible]0820[illegible]	Date of Collection:	[illegible]
Dil Factor:	[illegible]	Date of Analysis:	[illegible]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	105	70-130
4-Bromofluorobenzene	107	70-130

LH 9/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME106IN2 AUGA

ID#: 0208207B-03A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	[illegible]	Date of Collection: [illegible]
Dil. Factor:	[illegible]	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	0.99 J /J
1,4-Dichlorobenzene	1.0	11
1,2-Dichlorobenzene	1.0	16
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol	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	1.4
Naphthalene	1.0	2.4
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	0.71 J /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 /R
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

LH 9/24

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME106IN2 AUGA

ID#: 0208207B-03A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	[illegible]	Date of Collection: 3/8/02
DF - Factor:	1.0	Date of Analysis: [illegible]
		Date of Extraction: [illegible]/12/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	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.
Q = Exceeds Quality Control limits.
Container Type: XAD Tube: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	41 Q	50-150
Phenol-d5	64	50-150
Nitrobenzene-d5	59	50-150
2-Fluorobiphenyl	66	60-120
2,4,6-Tribromophenol	56	50-150
Terphenyl-d14	72	60-120

LH 9/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME106EF1 AUGA

ID#: 0208207A-01A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	082008	Date of Collection: 8/8/02
Dil. Factor:	1.0	Date of Analysis: 8/20/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	6.7	14	130	280
Vinyl Chloride	6.7	17	610	1600
Bromomethane	6.7	26	Not Detected	Not Detected
Chloroethane	6.7	18	180	490
1,1-Dichloroethene	6.7	27	38	150
Methylene Chloride	6.7	24	100	360
1,1-Dichloroethane	6.7	28	57	240
cis-1,2-Dichloroethene	6.7	27	1100	4300
Chloroform	6.7	33	12	60
1,1,1-Trichloroethane	6.7	37	19	100
Carbon Tetrachloride	6.7	43	4.5 J /J	29 J
Benzene	6.7	22	1900	6200
1,2-Dichloroethane	6.7	28	40	170
Trichloroethene	6.7	36	14	79
1,2-Dichloropropane	6.7	31	5.2 J /J	24 J
cis-1,3-Dichloropropene	6.7	31	Not Detected	Not Detected
Toluene	6.7	26	830	3200
trans-1,3-Dichloropropene	6.7	31	Not Detected	Not Detected
1,1,2-Trichloroethane	6.7	37	Not Detected	Not Detected
Tetrachloroethene	6.7	46	19	130
Chlorobenzene	6.7	31	140	640
Ethyl Benzene	6.7	30	150	660
m,p-Xylene	6.7	30	560	2500
o-Xylene	6.7	30	180	820
Styrene	6.7	29	28	120
1,1,2,2-Tetrachloroethane	6.7	47	Not Detected	Not Detected
Acetone	27	65	120	290
Carbon Disulfide	27	85	8.7 J /J	27 J
trans-1,2-Dichloroethene	27	110	100	410
2-Butanone (Methyl Ethyl Ketone)	27	80	9.4 J /J	28 J
Bromodichloromethane	27	180	Not Detected	Not Detected
4-Methyl-2-pentanone	27	110	5.5 J /J	23 J
2-Hexanone	27	110	Not Detected	Not Detected
Dibromochloromethane	27	230	Not Detected	Not Detected
Bromoform	27	280	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH
9/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME106EF1 AUGA

ID#: 0208207A-01A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	708200	Date of Collection: 8/8/02
Dil Factor:	1.4	Date of Analysis: 8/20/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	102	70-130

LH 9/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME106IN1 AUGA

ID#: 0208207B-02A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	y08[illegible]	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	0.88 J /J
1,4-Dichlorobenzene	1.0	9.9
1,2-Dichlorobenzene	1.0	14
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol	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	1.2
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	0.54 J /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 /R
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	0.21 J /J
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME106IN1 AUGA

ID#: 0208207B-02A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name	[illegible]	Date of Collection 8/8/02
Dil. Factor	[illegible]	Date of Analysis [illegible]
		Date of Extraction [illegible]

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	0.24 J
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: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	53	50-150
Phenol-d5	71	50-150
Nitrobenzene-d5	74	50-150
2-Fluorobiphenyl	74	60-120
2,4,6-Tribromophenol	64	50-150
Terphenyl-d14	78	60-120

LH 9/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME106IN2 AUGA

ID#: 0208207A-03A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

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

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	54	110	Not Detected	Not Detected
Vinyl Chloride	54	140	5600	14000
Bromomethane	54	210	Not Detected	Not Detected
Chloroethane	54	140	2400	6300
1,1-Dichloroethene	54	220	Not Detected	Not Detected
Methylene Chloride	54	190	180	650
1,1-Dichloroethane	54	220	780	3200
cis-1,2-Dichloroethene	54	220	12000	48000
Chloroform	54	260	Not Detected	Not Detected
1,1,1-Trichloroethane	54	300	460	2600
Carbon Tetrachloride	54	340	Not Detected	Not Detected
Benzene	54	170	17000	56000
1,2-Dichloroethane	54	220	86	350
Trichloroethene	54	290	120	660
1,2-Dichloropropane	54	250	86	400
cis-1,3-Dichloropropene	54	250	Not Detected	Not Detected
Toluene	54	200	11000	42000
trans-1,3-Dichloropropene	54	250	Not Detected	Not Detected
1,1,2-Trichloroethane	54	300	Not Detected	Not Detected
Tetrachloroethene	54	370	65	450
Chlorobenzene	54	250	1000	4800
Ethyl Benzene	54	240	2600	12000
m,p-Xylene	54	240	11000	47000
o-Xylene	54	240	3400	15000
Styrene	54	230	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	54	370	Not Detected	Not Detected
Acetone	210	520	240	580
Carbon Disulfide	210	680	Not Detected	Not Detected
trans-1,2-Dichloroethene	210	860	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	210	640	Not Detected	Not Detected
Bromodichloromethane	210	1400	Not Detected	Not Detected
4-Methyl-2-pentanone	210	890	Not Detected	Not Detected
2-Hexanone	210	890	Not Detected	Not Detected
Dibromochloromethane	210	1800	Not Detected	Not Detected
Bromoform	210	2200	Not Detected	Not Detected

Container Type: 6 Liter Summa Canister

LH 9/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS-ME106IN2 AUGA

ID#: 0208207A-03A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	1082013	Date of Collection:	8/8/02
Dil Fact:	10	Date of Analysis:	8/20/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	105	70-130

UH 9/24/02

September 30, 2002 Compliance Sample Laboratory Results

AIR TOXICS LTD.

SAMPLE NAME: ACS ME106 EF1 SEPA

ID#: 0210027A-01A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	14	29	170	350
Vinyl Chloride	14	36	410	1100
Bromomethane	14	55	Not Detected	Not Detected
Chloroethane	14	37	220	590
1,1-Dichloroethene	14	56	49	200
Methylene Chloride	14	49	550	1900
1,1-Dichloroethane	14	57	69	280
cis-1,2-Dichloroethene	14	56	720	2900
Chloroform	14	69	4.4 J /J	22 J
1,1,1-Trichloroethane	14	77	32	180
Carbon Tetrachloride	14	89	Not Detected	Not Detected
Benzene	14	45	4000	13000
1,2-Dichloroethane	14	57	Not Detected	Not Detected
Trichloroethene	14	76	27	150
1,2-Dichloropropane	14	65	2.8 J /J	13 J
cis-1,3-Dichloropropene	14	64	Not Detected	Not Detected
Toluene	14	53	940	3600
trans-1,3-Dichloropropene	14	64	Not Detected	Not Detected
1,1,2-Trichloroethane	14	77	Not Detected	Not Detected
Tetrachloroethene	14	96	49	340
Chlorobenzene	14	65	120	580
Ethyl Benzene	14	61	110	470
m,p-Xylene	14	61	470	2000
o-Xylene	14	61	110	490
Styrene	14	60	30	130
1,1,2,2-Tetrachloroethane	14	97	Not Detected	Not Detected
Acetone	56	130	160	390
Carbon Disulfide	56	180	Not Detected	Not Detected
trans-1,2-Dichloroethene	56	220	56	230
2-Butanone (Methyl Ethyl Ketone)	56	170	50 J /J	150 J
Bromodichloromethane	56	380	Not Detected	Not Detected
4-Methyl-2-pentanone	56	230	19 J /J	80 J
2-Hexanone	56	230	Not Detected	Not Detected
Dibromochloromethane	56	480	Not Detected	Not Detected
Bromoform	56	580	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits

LH 11/26/1

AIR TOXICS LTD.

SAMPLE NAME: ACS ME106 EF1 SEPA

ID#: 0210027A-01A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	102	70-130

LH 11/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS ME106 IN1 SEPA

ID#: 0210027A-02A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

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

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	140	280	Not Detected	Not Detected
Vinyl Chloride	140	350	2400	6400
Bromomethane	140	540	Not Detected	Not Detected
Chloroethane	140	360	2400	6500
1,1-Dichloroethene	140	550	Not Detected	Not Detected
Methylene Chloride	140	480	3200	11000
1,1-Dichloroethane	140	560	870	3600
cis-1,2-Dichloroethene	140	550	6600	26000
Chloroform	140	670	50 J /J	250 J
1,1,1-Trichloroethane	140	750	600	3300
Carbon Tetrachloride	140	870	Not Detected	Not Detected
Benzene	140	440	30000	97000
1,2-Dichloroethane	140	560	Not Detected	Not Detected
Trichloroethene	140	740	190	1000
1,2-Dichloropropane	140	640	34 J /J	160 J
cis-1,3-Dichloropropene	140	630	Not Detected	Not Detected
Toluene	140	520	11000	42000
trans-1,3-Dichloropropene	140	630	Not Detected	Not Detected
1,1,2-Trichloroethane	140	750	Not Detected	Not Detected
Tetrachloroethene	140	940	140	960
Chlorobenzene	140	640	730	3400
Ethyl Benzene	140	600	1700	7300
m,p-Xylene	140	600	8000	35000
o-Xylene	140	600	1900	8400
Styrene	140	590	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	140	950	Not Detected	Not Detected
Acetone	540	1300	1000	2400
Carbon Disulfide	540	1700	Not Detected	Not Detected
trans-1,2-Dichloroethene	540	2200	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	540	1600	480 J /J	1400 J
Bromodichloromethane	540	3700	Not Detected	Not Detected
4-Methyl-2-pentanone	540	2300	360 J /J	1500 J
2-Hexanone	540	2300	Not Detected	Not Detected
Dibromochloromethane	540	4700	Not Detected	Not Detected
Bromoform	540	5700	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH 11/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS ME106 IN1 SEPA

ID#: 0210027A-02A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	[illegible]	Date Collected:	[illegible]
Dil. Factor:	[illegible]	Date Analyzed:	[illegible]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	100	70-130

LH 11/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS ME106 IN2 SEPA

ID#: 0210027A-03A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	130	280	Not Detected	Not Detected
Vinyl Chloride	130	340	2900	7500
Bromomethane	130	520	Not Detected	Not Detected
Chloroethane	130	350	2600	7000
1,1-Dichloroethene	130	530	Not Detected	Not Detected
Methylene Chloride	130	470	3300	12000
1,1-Dichloroethane	130	540	930	3800
cis-1,2-Dichloroethene	130	530	7200	29000
Chloroform	130	660	48 J /J	240 J
1,1,1-Trichloroethane	130	730	710	4000
Carbon Tetrachloride	130	840	Not Detected	Not Detected
Benzene	130	430	36000	120000
1,2-Dichloroethane	130	540	240	1000
Trichloroethene	130	720	220	1200
1,2-Dichloropropane	130	620	48 J /J	230 J
cis-1,3-Dichloropropene	130	610	Not Detected	Not Detected
Toluene	130	500	13000	50000
trans-1,3-Dichloropropene	130	610	Not Detected	Not Detected
1,1,2-Trichloroethane	130	730	Not Detected	Not Detected
Tetrachloroethene	130	910	180	1200
Chlorobenzene	130	620	850	4000
Ethyl Benzene	130	580	2000	8900
m,p-Xylene	130	580	9500	42000
o-Xylene	130	580	2300	10000
Styrene	130	570	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	130	920	Not Detected	Not Detected
Acetone	530	1300	1100	2600
Carbon Disulfide	530	1700	Not Detected	Not Detected
trans-1,2-Dichloroethene	530	2100	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	530	1600	480 J /J	1400 J
Bromodichloromethane	530	3600	Not Detected	Not Detected
4-Methyl-2-pentanone	530	2200	370 J /J	1500 J
2-Hexanone	530	2200	Not Detected	Not Detected
Dibromochloromethane	530	4600	Not Detected	Not Detected
Bromoform	530	5500	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LA 11/26

AIR TOXICS LTD.

SAMPLE NAME: ACS ME106 IN2 SEPA

ID#: 0210027A-03A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name	101015	Date of Collection	9/30/02
Dil. Factor	26	Date of Analysis	10/10/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	106	70-130
Bromofluorobenzene	101	70-130

LH 11/26/02

November 14, 2002 Compliance Sample Laboratory Results

AIR TOXICS LTD.

SAMPLE NAME: ACS ME205 EF1 NOVA

ID#: 0211368A-01A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: a112006 Date of Collection: 11/14/02
Dil. Factor: 30 Date of Analysis: 11/20/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	0.70	1.4	16	33
Vinyl Chloride	0.70	1.8	5.8	15
Bromomethane	0.70	2.7	Not Detected	Not Detected
Chloroethane	0.70	1.9	1.3	3.5
1,1-Dichloroethene	0.70	2.8	19	76
Methylene Chloride	0.70	2.4	16	57
1,1-Dichloroethane	0.70	2.8	1.1	4.6
cis-1,2-Dichloroethene	0.70	2.8	7.7	31
Chloroform	0.70	3.4	2.5	12
1,1,1-Trichloroethane	0.70	3.8	2.0	11
Carbon Tetrachloride	0.70	4.4	1.5	9.4
Benzene	0.70	2.2	33	100
1,2-Dichloroethane	0.70	2.8	Not Detected	Not Detected
Trichloroethene	0.70	3.8	12	66
1,2-Dichloropropane	0.70	3.3	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.70	3.2	Not Detected	Not Detected
Toluene	0.70	2.7	15	58
trans-1,3-Dichloropropene	0.70	3.2	Not Detected	Not Detected
1,1,2-Trichloroethane	0.70	3.8	Not Detected	Not Detected
Tetrachloroethene	0.70	4.8	18	130
Chlorobenzene	0.70	3.2	2.0	9.5
Ethyl Benzene	0.70	3.1	Not Detected	Not Detected
m,p-Xylene	0.70	3.1	1.3	5.9
o-Xylene	0.70	3.1	Not Detected	Not Detected
Styrene	0.70	3.0	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.70	4.8	Not Detected	Not Detected
Acetone	2.8	6.7	20	47
Carbon Disulfide	2.8	8.8	2.0 J /J	6.5 J
trans-1,2-Dichloroethene	2.8	11	3.4	14
2-Butanone (Methyl Ethyl Ketone)	2.8	8.3	4.8	14
Bromodichloromethane	2.8	19	2.2 J /J	15 J
4-Methyl-2-pentanone	2.8	12	Not Detected	Not Detected
2-Hexanone	2.8	12	Not Detected	Not Detected
Dibromochloromethane	2.8	24	7.8	68
Bromoform	2.8	29	22	230

J = Estimated value.

Container Type: 6 Liter Summa Canister

ut 12/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS ME205 EF1 NOVA

ID#: 0211368A-01A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: [illegible] Date of Collection: 11/14/02
Dil. Factor: [illegible] Date of Analysis: 11/20/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	89	70-130
4-Bromofluorobenzene	96	70-130

LA 12/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS ME205 IN1 NOVA

ID#: 0211368A-02A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: a112008 Date of Collection: 11/14/02
Dil Factor: 5560 Date of Analysis: 11/20/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	2800	5800	Not Detected	Not Detected
Vinyl Chloride	2800	7200	6500	17000
Bromomethane	2800	11000	Not Detected	Not Detected
Chloroethane	2800	7400	Not Detected	Not Detected
1,1-Dichloroethene	2800	11000	910 J /J	3700 J
Methylene Chloride	2800	9800	170000	620000
1,1-Dichloroethane	2800	11000	36000	150000
cis-1,2-Dichloroethene	2800	11000	85000	340000
Chloroform	2800	14000	7800	39000
1,1,1-Trichloroethane	2800	15000	180000	980000
Carbon Tetrachloride	2800	18000	Not Detected	Not Detected
Benzene	2800	9000	180000	580000
1,2-Dichloroethane	2800	11000	Not Detected	Not Detected
Trichloroethene	2800	15000	88000	480000
1,2-Dichloropropane	2800	13000	Not Detected	Not Detected
cis-1,3-Dichloropropene	2800	13000	Not Detected	Not Detected
Toluene	2800	11000	970000	3700000
trans-1,3-Dichloropropene	2800	13000	Not Detected	Not Detected
1,1,2-Trichloroethane	2800	15000	Not Detected	Not Detected
Tetrachloroethene	2800	19000	110000	750000
Chlorobenzene	2800	13000	Not Detected	Not Detected
Ethyl Benzene	2800	12000	77000	340000
m,p-Xylene	2800	12000	280000	1200000
o-Xylene	2800	12000	71000	310000
Styrene	2800	12000	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	2800	19000	Not Detected	Not Detected
Acetone	11000	27000	160000	380000
Carbon Disulfide	11000	35000	1900 J /J	6100 J
trans-1,2-Dichloroethene	11000	45000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	11000	33000	150000	450000
Bromodichloromethane	11000	76000	Not Detected	Not Detected
4-Methyl-2-pentanone	11000	46000	47000	200000
2-Hexanone	11000	46000	Not Detected	Not Detected
Dibromochloromethane	11000	96000	Not Detected	Not Detected
Bromoform	11000	120000	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

UH 12/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS ME205 IN1 NOVA

ID#: 0211368A-02A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: [redacted] Date of Collection: [redacted]
Dil Factor: [redacted] Date of Analysis: [redacted]

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	99	70-130

LH 12/20/02

AIR TOXICS LTD.

SAMPLE NAME: ACS ME205 IN2 NOVA

ID#: 0211368A-03A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name: a112009 Date of Collection: 11/14/02
Dil. Fact.: 56 Date of Analysis: 11/20/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Chloromethane	2800	5900	Not Detected	Not Detected
Vinyl Chloride	2800	7300	6800	18000
Bromomethane	2800	11000	Not Detected	Not Detected
Chloroethane	2800	7600	Not Detected	Not Detected
1,1-Dichloroethene	2800	11000	1000 J /J	4200 J
Methylene Chloride	2800	10000	200000	710000
1,1-Dichloroethane	2800	12000	42000	170000
cis-1,2-Dichloroethene	2800	11000	99000	400000
Chloroform	2800	14000	8900	44000
1,1,1-Trichloroethane	2800	16000	200000	1100000
Carbon Tetrachloride	2800	18000	Not Detected	Not Detected
Benzene	2800	9200	210000	670000
1,2-Dichloroethane	2800	12000	Not Detected	Not Detected
Trichloroethene	2800	15000	100000	550000
1,2-Dichloropropane	2800	13000	Not Detected	Not Detected
cis-1,3-Dichloropropene	2800	13000	Not Detected	Not Detected
Toluene	2800	11000	1100000	4200000
trans-1,3-Dichloropropene	2800	13000	Not Detected	Not Detected
1,1,2-Trichloroethane	2800	16000	Not Detected	Not Detected
Tetrachloroethene	2800	19000	130000	880000
Chlorobenzene	2800	13000	Not Detected	Not Detected
Ethyl Benzene	2800	12000	93000	410000
m,p-Xylene	2800	12000	340000	1500000
o-Xylene	2800	12000	90000	400000
Styrene	2800	12000	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	2800	20000	Not Detected	Not Detected
Acetone	11000	27000	180000	430000
Carbon Disulfide	11000	36000	1700 J /J	5400 J
trans-1,2-Dichloroethene	11000	45000	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	11000	34000	170000	520000
Bromodichloromethane	11000	77000	Not Detected	Not Detected
4-Methyl-2-pentanone	11000	47000	55000	230000
2-Hexanone	11000	47000	Not Detected	Not Detected
Dibromochloromethane	11000	98000	Not Detected	Not Detected
Bromoform	11000	120000	Not Detected	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH 12/20/02

AIR TOXICS LTD.

SAMPLE NAME: ACS ME205 IN2 NOVA

ID#: 0211368A-03A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name	[illegible]12009	Date of Collection	11/14/02
Dil Factor	[illegible]5640	Date of Analysis	[illegible]/20/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	99	70-130

LH 12/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS ME205 EF1 NOVA

ID#: 0211368B-01A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: y112015 Date of Collection: 11/14/02
Dil. Factor: 1.0 Date of Analysis: 11/20/02
Date of Extraction: 11/18/02

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	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
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

LH 12/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS ME205 EF1 NOVA

ID#: 0211368B-01A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: V112015 Date of Collection: 11/14/02
Dil. Factor: 1.00 Date of Analysis: 11/20/02
Date of Extraction: 11/18/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	0.94 J / JB
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	18
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: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	90	50-150
Phenol-d5	88	50-150
Nitrobenzene-d5	87	50-150
2-Fluorobiphenyl	82	60-120
2,4,6-Tribromophenol	87	50-150
Terphenyl-d14	86	60-120

LA 12/24/02

AIR TOXICS LTD.

SAMPLE NAME: ACS ME205 IN1 NOVA

ID#: 0211368B-02A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: [illegible]y112016	Date of Collection: 11/14/02
Dil. Factor: [illegible]	Date of Analysis: 11/20/02
[illegible]	Date of Extraction: 11/18/02

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	2.6 J
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	1.8
1,2-Dichlorobenzene	1.0	22
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol	5.0	1.7 J /J
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	17
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	0.77 J /J
Naphthalene	1.0	13
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	1.8
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

LH 12/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS ME205 IN1 NOVA

ID#: 0211368B-02A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: y112016	Date of Collection: 11/14/02
Dil. Fac.: 1.0	Date of Analysis: 11/20/02
	Date of Extraction: 11/18/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	0.70 J /JB
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.
Q = Exceeds Quality Control limits.
Container Type: XAD Tube: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	19 Q	50-150
Phenol-d5	97	50-150
Nitrobenzene-d5	97	50-150
2-Fluorobiphenyl	88	60-120
2,4,6-Tribromophenol	89	50-150
Terphenyl-d14	87	60-120

LH 12/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS ME205 IN2 NOVA

ID#: 0211368B-03A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: [illegible] Date of Collection: 11/14/02
Dil. Fac.: [illegible] Date of Analysis: [illegible]/2002
Date of Extraction: 11/18/02

Compound	Rpt. Limit (ug)	Amount (ug)
Phenol	5.0	9.5
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	7.0
1,2-Dichlorobenzene	1.0	78
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol	5.0	6.4
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	56
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	3.1
Naphthalene	1.0	48
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	1.2
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	7.1
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

LH 12/26/02

AIR TOXICS LTD.

SAMPLE NAME: ACS ME205 IN2 NOVA

ID#: 0211368B-03A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: [redacted] Date of Collection: 11/14/02
Dil. Factor: [redacted] Date of Analysis: [redacted]
Date of Extraction: 11/18/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	0.71 J /JB
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.
Q = Exceeds Quality Control limits.
Container Type: XAD Tube: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	20 Q	50-150
Phenol-d5	100	50-150
Nitrobenzene-d5	114	50-150
2-Fluorobiphenyl	94	60-120
2,4,6-Tribromophenol	94	50-150
Terphenyl-d14	91	60-120

LH 12/20/02

December 12, 2002 Compliance Sample Laboratory Results

AIR TOXICS LTD.

SAMPLE NAME: ACS ME 205 EF1 DECA

ID#: 0212275A-01A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	a121812	Date of Collection:	12/12/02
Dil. Factor:	2.68	Date of Analysis:	12/18/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)		Amount (uG/m3)
Chloromethane	1.3	2.8	74	/J	150
Vinyl Chloride	1.3	3.5	38	/J	98
Bromomethane	1.3	5.3	Not Detected	/UJ	Not Detected
Chloroethane	1.3	3.6	2.4	/J	6.4
1,1-Dichloroethene	1.3	5.4	97	/J	390
Methylene Chloride	1.3	4.7	170	/J	600
1,1-Dichloroethane	1.3	5.5	16	/J	66
cis-1,2-Dichloroethene	1.3	5.4	51	/J	210
Chloroform	1.3	6.6	10	/J	51
1,1,1-Trichloroethane	1.3	7.4	62	/J	340
Carbon Tetrachloride	1.3	8.6	3.3	/J	21
Benzene	1.3	4.4	230	/J	760
1,2-Dichloroethane	1.3	5.5	7.1	/J	29
Trichloroethene	1.3	7.3	80	/J	440
1,2-Dichloropropane	1.3	6.3	Not Detected	/UJ	Not Detected
cis-1,3-Dichloropropene	1.3	6.2	1.6	/J	7.4
Toluene	1.3	5.1	280	/J	1100
trans-1,3-Dichloropropene	1.3	6.2	1.2 J	/J	5.6 J
1,1,2-Trichloroethane	1.3	7.4	Not Detected	/UJ	Not Detected
Tetrachloroethene	1.3	9.2	96	/J	660
Chlorobenzene	1.3	6.3	6.3	/J	29
Ethyl Benzene	1.3	5.9	18	/J	80
m,p-Xylene	1.3	5.9	56	/J	240
o-Xylene	1.3	5.9	17	/J	74
Styrene	1.3	5.8	5.5	/J	24
1,1,2,2-Tetrachloroethane	1.3	9.4	Not Detected	/UJ	Not Detected
Acetone	5.4	13	180	/J	440
Carbon Disulfide	5.4	17	1.8 J	/J	5.8 J
trans-1,2-Dichloroethene	5.4	22	16	/J	66
2-Butanone (Methyl Ethyl Ketone)	5.4	16	140	/J	400
Bromodichloromethane	5.4	36	1.6 J	/J	11 J
4-Methyl-2-pentanone	5.4	22	28	/J	120
2-Hexanone	5.4	22	1.2 J	/J	5.2 J
Dibromochloromethane	5.4	46	4.3 J	/J	38 J
Bromoform	5.4	56	24	/J	250

J = Estimated value.

Container Type: 6 Liter Summa Canister

LA
1/21/03

AIR TOXICS LTD.

SAMPLE NAME: ACS ME 205 EF1 DECA

ID#: 0212275A-01A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	a121812	Date of Collection:	12/12/02
Dil. Factor:	2.68	Date of Analysis:	12/18/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	91	70-130

LH
1/21/03

AIR TOXICS LTD.

SAMPLE NAME: ACS ME 205 IN1 DECA

ID#: 0212275A-02A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	a121811	**Date of Collection:**	12/12/02
Dil. Factor:	5560	**Date of Analysis:**	12/18/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)		Amount (uG/m3)
Chloromethane	2800	5800	Not Detected	NJ	Not Detected
Vinyl Chloride	2800	7200	3200	J	8300
Bromomethane	2800	11000	Not Detected	NJ	Not Detected
Chloroethane	2800	7400	1200 J	J	3400 J
1,1-Dichloroethene	2800	11000	810 J	J	3200 J
Methylene Chloride	2800	9800	190000	J	670000
1,1-Dichloroethane	2800	11000	34000	J	140000
cis-1,2-Dichloroethene	2800	11000	67000	J	270000
Chloroform	2800	14000	6500	J	32000
1,1,1-Trichloroethane	2800	15000	150000	J	850000
Carbon Tetrachloride	2800	18000	Not Detected	NJ	Not Detected
Benzene	2800	9000	140000	J	470000
1,2-Dichloroethane	2800	11000	5900	J	24000
Trichloroethene	2800	15000	72000	J	390000
1,2-Dichloropropane	2800	13000	Not Detected	NJ	Not Detected
cis-1,3-Dichloropropene	2800	13000	Not Detected	NJ	Not Detected
Toluene	2800	11000	660000	J	2500000
trans-1,3-Dichloropropene	2800	13000	Not Detected	NJ	Not Detected
1,1,2-Trichloroethane	2800	15000	Not Detected	NJ	Not Detected
Tetrachloroethene	2800	19000	81000	J	560000
Chlorobenzene	2800	13000	Not Detected	NJ	Not Detected
Ethyl Benzene	2800	12000	57000	J	250000
m,p-Xylene	2800	12000	220000	J	970000
o-Xylene	2800	12000	62000	J	270000
Styrene	2800	12000	Not Detected	NJ	Not Detected
1,1,2,2-Tetrachloroethane	2800	19000	Not Detected	NJ	Not Detected
Acetone	11000	27000	150000	J	360000
Carbon Disulfide	11000	35000	Not Detected	NJ	Not Detected
trans-1,2-Dichloroethene	11000	45000	Not Detected	NJ	Not Detected
2-Butanone (Methyl Ethyl Ketone)	11000	33000	110000	J	340000
Bromodichloromethane	11000	76000	Not Detected	NJ	Not Detected
4-Methyl-2-pentanone	11000	46000	36000	J	150000
2-Hexanone	11000	46000	Not Detected	NJ	Not Detected
Dibromochloromethane	11000	96000	Not Detected	NJ	Not Detected
Bromoform	11000	120000	Not Detected	NJ	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH
1/21/02

AIR TOXICS LTD.

SAMPLE NAME: ACS ME 205 IN1 DECA

ID#: 0212275A-02A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	a121811	Date of Collection:	12/12/02
Dil. Factor:	5560	Date of Analysis:	12/18/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	95	70-130

LH 1/21/03

AIR TOXICS LTD.

SAMPLE NAME: ACS ME 205 IN2 DECA

ID#: 0212275A-03A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	a121813	Date of Collection:	12/12/02
Dil. Factor:	5360	Date of Analysis:	12/18/02

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)		Amount (uG/m3)
Chloromethane	2700	5600	Not Detected	/UJ	Not Detected
Vinyl Chloride	2700	7000	3300	/J	8700
Bromomethane	2700	10000	Not Detected	/UJ	Not Detected
Chloroethane	2700	7200	1600 J	/J	4300 J
1,1-Dichloroethene	2700	11000	820 J	/J	3300 J
Methylene Chloride	2700	9500	180000	/J	640000
1,1-Dichloroethane	2700	11000	33000	/J	140000
cis-1,2-Dichloroethene	2700	11000	66000	/J	270000
Chloroform	2700	13000	6600	/J	33000
1,1,1-Trichloroethane	2700	15000	150000	/J	840000
Carbon Tetrachloride	2700	17000	Not Detected	/UJ	Not Detected
Benzene	2700	8700	150000	/J	500000
1,2-Dichloroethane	2700	11000	6400	/J	26000
Trichloroethene	2700	15000	77000	/J	420000
1,2-Dichloropropane	2700	12000	Not Detected	/UJ	Not Detected
cis-1,3-Dichloropropene	2700	12000	Not Detected	/UJ	Not Detected
Toluene	2700	10000	640000	/J	2400000
trans-1,3-Dichloropropene	2700	12000	Not Detected	/UJ	Not Detected
1,1,2-Trichloroethane	2700	15000	Not Detected	/UJ	Not Detected
Tetrachloroethene	2700	18000	85000	/J	580000
Chlorobenzene	2700	12000	Not Detected	/UJ	Not Detected
Ethyl Benzene	2700	12000	56000	/J	250000
m,p-Xylene	2700	12000	200000	/J	890000
o-Xylene	2700	12000	56000	/J	250000
Styrene	2700	12000	Not Detected	/UJ	Not Detected
1,1,2,2-Tetrachloroethane	2700	19000	Not Detected	/UJ	Not Detected
Acetone	11000	26000	150000	/J	360000
Carbon Disulfide	11000	34000	Not Detected	/UJ	Not Detected
trans-1,2-Dichloroethene	11000	43000	Not Detected	/UJ	Not Detected
2-Butanone (Methyl Ethyl Ketone)	11000	32000	110000	/J	330000
Bromodichloromethane	11000	73000	Not Detected	/UJ	Not Detected
4-Methyl-2-pentanone	11000	45000	36000	/J	150000
2-Hexanone	11000	45000	Not Detected	/UJ	Not Detected
Dibromochloromethane	11000	93000	Not Detected	/UJ	Not Detected
Bromoform	11000	110000	Not Detected	/UJ	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister

LH 1/21/03

AIR TOXICS LTD.

SAMPLE NAME: ACS ME 205 IN2 DECA

ID#: 0212275A-03A

MODIFIED EPA METHOD TO-14 GC/MS FULL SCAN

File Name:	a121813	Date of Collection:	12/12/02
Dil. Factor:	5360	Date of Analysis:	12/18/02

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	90	70-130

LH 1/21/03

AIR TOXICS LTD.

SAMPLE NAME: ACS ME 205 EF1 DECA

ID#: 0212275B-01A

MODIFIED EPA METHOD TO 13 GC/MS FULL SCAN

File Name:	y121610	Date of Collection: 12/12/02
Dil. Factor:	1.00	Date of Analysis: 12/16/02
		Date of Extraction: 12/13/02

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	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
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

LH 1/21/03

AIR TOXICS LTD.

SAMPLE NAME: ACS ME 205 EF1 DECA

ID#: 0212275B-01A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	y121610	Date of Collection: 12/12/02
Dil. Factor:	1.00	Date of Analysis: 12/16/02
		Date of Extraction: 12/13/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	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: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	82	50-150
Phenol-d5	86	50-150
Nitrobenzene-d5	84	50-150
2-Fluorobiphenyl	82	60-120
2,4,6-Tribromophenol	81	50-150
Terphenyl-d14	86	60-120

LH 1/21/03

AIR TOXICS LTD.

SAMPLE NAME: ACS ME 205 IN1 DECA

ID#: 0212275B-02A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	y121612	Date of Collection: 12/12/02
Dil. Factor:	1.00	Date of Analysis: 12/16/02
		Date of Extraction: 12/13/02

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	31
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	12
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	0.76 J
Naphthalene	1.0	13
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	Not Detected
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	1.3
Hexachlorocyclopentadiene	20	Not Detected
2,4,6-Trichlorophenol	5.0	Not Detected
2,4,5-Trichlorophenol	5.0	Not Detected
2-Chloronaphthalene	1.0	Not Detected
2-Nitroaniline	10	Not Detected
Dimethylphthalate	5.0	Not Detected
Acenaphthylene	1.0	Not Detected
2,6-Dinitrotoluene	5.0	Not Detected
3-Nitroaniline	10	Not Detected
Acenaphthene	1.0	Not Detected
2,4-Dinitrophenol	20	Not Detected
4-Nitrophenol	20	Not Detected
2,4-Dinitrotoluene	5.0	Not Detected
Dibenzofuran	1.0	Not Detected
Diethylphthalate	5.0	Not Detected
Fluorene	1.0	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	Not Detected
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

LH 1/21/03

AIR TOXICS LTD.

SAMPLE NAME: ACS ME 205 IN1 DECA

ID#: 0212275B-02A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	y121612[illegible]	Date of Collection: 12/12/02
Dil. Factor:	1.00	Date of Analysis: 12/16/02
		Date of Extraction: 12/13/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	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.
Q = Exceeds Quality Control limits.
Container Type: XAD Tube: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	24 Q	50-150
Phenol-d5	86	50-150
Nitrobenzene-d5	82	50-150
2-Fluorobiphenyl	86	60-120
2,4,6-Tribromophenol	84	50-150
Terphenyl-d14	91	60-120

LH 1/21/03

AIR TOXICS LTD.

SAMPLE NAME: ACS ME 205 IN2 DECA

ID#: 0212275B-03A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name: [illegible] y121613		Date of Collection: 12/12/02
Dil. Factor:	1.00	Date of Analysis: 12/16/02
		Date of Extraction: 12/13/02

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	63
2-Methylphenol (o-Cresol)	5.0	Not Detected
N-Nitroso-di-n-propylamine	1.0	Not Detected
4-Methylphenol	5.0	Not Detected
Hexachloroethane	1.0	Not Detected
Nitrobenzene	1.0	Not Detected
Isophorone	1.0	23
2-Nitrophenol	5.0	Not Detected
2,4-Dimethylphenol	5.0	Not Detected
bis(2-Chloroethoxy) Methane	1.0	Not Detected
2,4-Dichlorophenol	5.0	Not Detected
1,2,4-Trichlorobenzene	1.0	1.7
Naphthalene	1.0	30
4-Chloroaniline	10	Not Detected
Hexachlorobutadiene	1.0	0.65 J /J
4-Chloro-3-methylphenol	5.0	Not Detected
2-Methylnaphthalene	1.0	3.0
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
4-Nitroaniline	10	Not Detected
4,6-Dinitro-2-methylphenol	10	Not Detected

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SAMPLE NAME: ACS ME 205 IN2 DECA

ID#: 0212275B-03A

MODIFIED EPA METHOD TO-13 GC/MS FULL SCAN

File Name:	y121613	**Date of Collection:**	12/12/02
Dil. Factor:	1.00	**Date of Analysis:**	12/16/02
		Date of Extraction:	12/13/02

Compound	Rpt. Limit (ug)	Amount (ug)
N-Nitrosodiphenylamine	10	Not Detected
4-Bromophenyl-phenyl Ether	1.0	Not Detected
Hexachlorobenzene	1.0	Not Detected
Pentachlorophenol	20	Not Detected
Phenanthrene	1.0	Not Detected
Anthracene	1.0	Not Detected
di-n-Butylphthalate	5.0	Not Detected
Fluoranthene	1.0	Not Detected
Pyrene	1.0	Not Detected
Butylbenzylphthalate	5.0	Not Detected
3,3'-Dichlorobenzidine	20	Not Detected
Chrysene	1.0	Not Detected
Benzo(a)anthracene	1.0	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	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.
Q = Exceeds Quality Control limits.
Container Type: XAD Tube: VOST

Surrogates	%Recovery	Method Limits
2-Fluorophenol	19 Q	50-150
Phenol-d5	93	50-150
Nitrobenzene-d5	75	50-150
2-Fluorobiphenyl	85	60-120
2,4,6-Tribromophenol	80	50-150
Terphenyl-d14	89	60-120

LH 1/21/03