

VOLUME III

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AMBIENT AIR (ODOR) INVESTIGATION
ANALYTICAL DATA

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MEMORANDUM

TO: Project File 933-1280.1701, Norseland Mobile Estates

April 21, 1995

FR: Christina Jensen *ij*

RE: Data Validation for Odor Events

INTRODUCTION

This memorandum presents the results of data validation and review of air samples collected from two odor events (March 9 and 17, 1995) from the Norseland Mobile Estates. The sampling locations and event dates are listed in Table 1. Table 2 provides a summary of the parameters, reference methods, sampling techniques, estimated detection limits and general comments for the samples collected.

DATA QUALITY OBJECTIVES

This section presents a summary of the data quality in terms of the referenced methods specified in Table 1. Attachments 1 through 4 provide the following information as indicated below:

- Attachment 1. Glossary of Data Reporting Qualifiers
- Attachment 2. Summary of Data Qualifications
- Attachment 3. Annotated Laboratory Reports
- Attachment 4. Chain-of-Custody Documentation

Precision

Goals for precision were met. Field duplicate analyses were provided for each analysis with acceptable results. Laboratory duplicate analyses were provided for each analysis and were acceptable.

Accuracy

Goals for accuracy were met for all analyses with the exception of surrogate recoveries for octafluorotoluene. The associated sample results were qualified as estimated (J, UJ) as shown in Attachment 2.

The matrix spike recoveries for chlorotoluene, 1,2,4-trichlorobenzene, hexachlorobutadiene, trans-1,3-dichloropropene and n-butylmercaptan exceeded the laboratory control limits. There are no qualification requirements based on matrix spike recovery. There were no matrix spikes analyzed for amines or aldehydes.

Method Blanks

Goals for contaminant free blanks were met for all analyses with the exception of toluene for one sample set. Attachment 2 provides the samples affected and the qualification applied. There were no method blanks reported for the amines or aldehydes. No data qualification was applied.

Field Blanks

Goals for contaminant free ambient, field and equipment blanks were not met. Attachment 3 provides all laboratory data. There were no field blanks analyzed for amines or aldehydes. There was no qualification requirements based on field QC results.

Detection Limits

Detection limit goals were met for all analyses with the exception of samples which were analyzed at a dilution due to high tentatively identified compounds (TICs) or target analytes. There is no qualification requirements based on elevated detection limits.

Data Completeness

A total of 23 samples were validated in this data package with a total of 1,693 determinations reported, all of which were deemed valid. Therefore, the data package was 100 percent complete for all requested analyses.

Tentatively Identified Compounds

There were tentatively identified compounds identified in the GC\MS analysis. These compounds were qualified as presumptive and estimated (JN) in accordance with the validation procedures.

SUMMARY

The data can be used with qualification which is described in Attachment 2. The field blanks were not used to qualify the data.

TABLE 1

SAMPLE ID	ODOR EVENT DATE
Norse	March 17, 1995
Constance Rd	March 17, 1995
Constance Rd Duplicate	March 17, 1995
Saw Mill Rd	March 17, 1995
AA-3	March 17, 1995
SVP-10-NEW	March 17, 1995
SVP-36	March 17, 1995
SVP-19	March 17, 1995
Equipment Blank	March 17, 1995
Field Blank	March 17, 1995
End of Barney White Rd	March 9, 1995
End of Barney White Rd Duplicate	March 9, 1995
Saw Mill	March 9, 1995
Apartment	March 9, 1995
Lower Lofal @ Matheson	March 9, 1995
SV-36	March 9, 1995
SV-45	March 9, 1995
SV-19	March 9, 1995
Equipment Blank	March 9, 1995
Installed SV-10	March 9, 1995
New SV-10	March 9, 1995
Equipment Blank	March 9, 1995
Ambient Blank	March 9, 1995

TABLE 2

PARAMETER	REFERENCE	SAMPLING TECHNIQUE	EDL ALL ARE PPB-V EXCEPT FIXED GASES (%)	COMMENTS
SULFUR CMPDS H ₂ S - HYDROGEN SULFIDE (CH ₃) ₂ S - DIMETHYL SULFIDE (CH ₃) ₂ S ₂ - DIMETHYLDISULFIDE CH ₄ S - METHYL MERCAPTAN	EPA 15/16	TEDLAR BAG, LUNG SAMPLER EVACUATED WITH PERSONAL SAMPLING PUMP	50 50 50 50	1 LITER SAMPLE
VOCS	EPA TO14	SUMMA CANISTER, EVACUATED	0.5	6 L SAMPLE
FIXED GASES CO ₂ - CARBON DIOXIDE CO - CARBON MONOXIDE CH ₄ - METHANE N ₂ - NITROGEN O ₂ - OXYGEN TNMHC - TOTAL NON-METHANE HCS	ASTM D1946	SUMMA CANISTER, EVACUATED	0.001 0.001 0.001 0.001 0.010 0.010	SUB SAMPLE OF VOC SUMMA CANISTER
ALDEHYDES CH ₂ O - FORMALDEHYDE CH ₃ CHO - ACETALDEHYDE CH ₂ =CHCHO - ACRROLEIN	EPA T011	LABORATORY PREPARED SEP-PAC CARTRIDGE, CALIBRATED PERSONAL SAMPLING PUMP	PPB-V 5 5 5	20 - 30 LITER SAMPLE SAMPLED AT 1 LITER PER MINUTE
ALIPHATIC AMINES N-BUTYL AMINE	NIOSH 2010	SILICA GEL, CALIBRATED PERSONAL SAMPLE PUMP	TBD	20 - 30 LITER SAMPLE SAMPLED AT 1 LITER PER MINUTE

ALIPHATIC AMINES:

PACE INC
5930 MCINTYRE STREET
GOLDEN, CO 80403
TEL: 303/278-3400

ALL OTHER PARAMETERS:

AIR TOXIC LTD
180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630
TEL: 916/985-1000

Attachment 2
Data Qualification Summary

Compound/ Analyte	Qualifier	Samples Affected	Reason
All	J/UJ	<u>Odor Event 3/9/95</u> Apartment SV-19 L. Lofal @ Matheson SV-45 Equipment Blank Ambient blank	octafluorotoluene surrogate outside control limits
Toluene	U	<u>Odor Event 3/17/95</u> Norse Sawmill Rd Equipment Blank Field Blank	Detected in Blank, sample results <10X qualified

Attachment 1. Glossary of Data Reporting Qualifiers

- B - Indicates the constituent was analyzed for and detected in the associated laboratory blank. This qualifier is applied by the laboratory. During the process of data validation this qualifier may be replaced by other appropriate qualifiers as defined by the validation procedures. The associated data should be considered usable for decision making purposes.
- U - Indicates the constituent was analyzed for and not detected. The concentration reported is the sample quantitation limit corrected for aliquot size, dilution and percent solids (in the case of solid matrices) by the laboratory. The associated data should be considered usable for decision making purposes.
- UJ - Indicates the constituent was analyzed for and not detected. Due to a minor quality control deficiency identified during data validation the concentration reported may not accurately reflect the sample quantitation limit. The associated data should be considered usable for decision making purposes.
- J - Indicates the constituent was analyzed for and detected. This qualifier may be applied by the laboratory to indicate a concentration which is less than the contract required quantitation limit (CRQL) but greater than the instrument detection limit (IDL). During data validation this qualifier may be applied to indicate a minor quality control deficiency. However in either case, the associated data should be considered usable for decision making purposes.
- NJ - Indicates presumptive evidence of a constituent at an estimated value. This qualifier is normally applied to GC analysis data (such as organochlorine pesticide and PCB data). The associated data should be considered usable for decision making purposes.
- N - Indicates presumptive evidence of a constituent. This qualifier is normally applied to GC analysis data (such as organochlorine pesticide and PCB data). The associated data should be considered usable for decision making purposes.
- JN - Indicates a tentatively identified compound (TIC) whose concentration and identification have been determined to be valid as a result of data validation. The associated data should be considered usable for decision making purposes.
- UJN - Indicates a tentatively identified compound (TIC) that has been determined to be presumptive and valid (JN) in terms of identification and quantitation and has been qualified as undetected (U) due to associated blank contamination.
- UR - Indicates the constituent was analyzed for and not detected. The concentration reported has been qualified as unusable due to a major quality control deficiency identified during data validation. The associated data should be considered unusable for decision making purposes.
- R - Indicates the constituent was analyzed for and detected. The concentration reported has been qualified as unusable due to a major quality control deficiency identified during data validation. The associated data should be considered unusable for decision making purposes.

Attachment 3. Annotated Laboratory Reports

DATA MARCH 9, 1995 ODOR EVENT
ANALYTICAL DATA



REPORT OF LABORATORY ANALYSIS

Golder Associates
 4104 148TH Avenue NE
 Redmond, WA 98052

Client Account Number: 17816
 Service Order #: 0000-4530
 PACE Project ID: D50313.305

Attn:
 Re: Norseland Mobile Estates

Report Date : March 27, 1995

Laboratory Client		Volume/Time				Air Concentration		
<u>Sample #</u>	<u>Sample #</u>	<u>Det.Lim.</u>	<u>Unit</u>	<u>Main</u>	<u>Backup</u>	<u>Total</u>	<u>ppm</u>	<u>mq/M3</u>
<u>Analyte</u>								
65-537000.2	SVP-10 NEW							
Formaldehyde		1	ug	LT 1	LT 1	LT 1		
Acetaldehyde		1	ug	LT 1	LT 1	LT 1		
Acrolein		1	ug	LT 1	LT 1	LT 1		



REPORT OF LABORATORY ANALYSIS

Golder Associates
 4104 148TH Avenue NE
 Redmond, WA 98052

Client Account Number: 17816
 Service Order #: 0000-4523
 PACE Project ID: D50310.306

Attn:
 Re: Norseland Mobile Estates

Report Date : March 24, 1995

Laboratory Sample #	Client Sample #	Det.Lim.	Volume/Time			Air Concentration	
			Unit	Main	Backup	Total	ppm
65-536978.3 End of Bar. W. RdDUP							
Formaldehyde		1	ug	LT 1	LT 1	LT 1	
Acetaldehyde		1	ug	LT 1	LT 1	LT 1	
Acrolein		1	ug	LT 1	LT 1	LT 1	
65-536977.0 End of Barney W. Rd							
Formaldehyde		1	ug	1	LT 1	1	
Acetaldehyde		1	ug	LT 1	LT 1	LT 1	
Acrolein		1	ug	LT 1	LT 1	LT 1	
65-536981.6 Lower Lofal @ Matt.							
Formaldehyde		1	ug	LT 1	LT 1	LT 1	
Acetaldehyde		1	ug	LT 1	LT 1	LT 1	
Acrolein		1	ug	LT 1	LT 1	LT 1	
65-536980.3 Norseland Apart.							
Formaldehyde		1	ug	LT 1	LT 1	LT 1	
Acetaldehyde		1	ug	LT 1	LT 1	LT 1	
Acrolein		1	ug	LT 1	LT 1	LT 1	
65-536979.6 Saw Mill							
Formaldehyde		1	ug	1		1	
				Back-up section lost due to broken sample tube.			
Acetaldehyde		1	ug	LT 1		LT 1	
				Back-up section lost due to broken sample tube.			
Acrolein		1	ug	LT 1		LT 1	
				Back-up section lost due to broken sample tube.			
65-536975.4 SVP-19							
Formaldehyde		1	ug	LT 1	LT 1	LT 1	
Acetaldehyde		1	ug	LT 1	LT 1	LT 1	

Golder Associates
 4104 148TH Avenue NE
 Redmond, WA 98052

Client Account Number: 17816
 Service Order #: 0000-4523
 PACE Project ID: D50310.306

Attn:
 Re: Norseland Mobile Estates

Report Date : March 24, 1995

Laboratory Sample #	Client Sample #	Det.Lim.	Volume/Time			Air Concentration		
			Unit	Main	Backup	Total	ppm	mg/M3
65-536975.4	SVP-19							
Acrolein		1	ug	LT 1	LT 1	LT 1		
65-536976.7	SVP-36							
Formaldehyde		1	ug	LT 1	LT 1	LT 1		
Acetaldehyde		1	ug	LT 1	LT 1	LT 1		
Acrolein		1	ug	LT 1	LT 1	LT 1		



REPORT OF LABORATORY ANALYSIS

Golder Associates
 4104 148TH Avenue NE
 Redmond, WA 98052

Client Account Number: 17816
 Service Order #: 0000-4533
 PACE Project ID: D50313.307

Attn:
 Re: Norseland Mobile Estates

Report Date : March 31, 1995

Laboratory Client							Air Concentration	
<u>Sample #</u>	<u>Sample #</u>		<u>Volume/Time</u>				<u>ppm</u>	<u>mg/M3</u>
<u>Analyte</u>		<u>Det.Lim.</u>	<u>Unit</u>	<u>Main</u>	<u>Backup</u>	<u>Total</u>		
65-537014.8	SVP-10 NEW							
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3		
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2		
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6		
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		



REPORT OF LABORATORY ANALYSIS

Golder Associates
 4104 148TH Avenue NE
 Redmond, WA 98052

Client Account Number: 17816
 Service Order #: 0000-4531
 PACE Project ID: D50313.306

Attn:
 Re: Norseland Mobile Estates

Report Date : March 31, 1995

Laboratory	Client		Volume/Time			Air Concentration		
Sample #	Sample #	Det.Lim.	Unit	Main	Backup	Total	ppm	mg/M3
Analyte								
65-537005.7 End of Bar. W. RdDUP								
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3		
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2		
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6		
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
65-537004.4 End of Barney W. Rd								
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3		
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2		
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6		
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
65-537008.6 Lower Lofal @ Matt.								
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3		
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2		
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6		
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
65-537007.3 Norseland Apart.								
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		



REPORT OF LABORATORY ANALYSIS

Golder Associates
 4104 148TH Avenue NE
 Redmond, WA 98052

Client Account Number: 17816
 Service Order #: 0000-4531
 PACE Project ID: D50313.306

Attn:
 Re: Norseland Mobile Estates

Report Date : March 31, 1995

Laboratory Client		Volume/Time					Air Concentration	
Sample #	Sample #	Det.Lim.	Unit	Main	Backup	Total	ppm	mg/M3
Analyte								
65-537007.3 Norseland Apart.								
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3		
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2		
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6		
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
65-537006.0 Saw Mill								
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3		
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2		
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6		
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
65-537002.8 SVP-19								
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3		
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2		
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6		
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
65-537003.1 SVP-36								
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		

REPORT OF LABORATORY ANALYSIS

Golder Associates
 4104 148TH Avenue NE
 Redmond, WA 98052

Client Account Number: 17816
 Service Order #: 0000-4531
 PACE Project ID: D50313.306

Attn:
 Re: Norseland Mobile Estates

Report Date : March 31, 1995

Laboratory Sample #	Client Sample #	Det.Lim.	Volume/Time			Air Concentration		
			Unit	Main	Backup	Total	ppm	mg/M3
65-537003.1	SVP-36							
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3		
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2		
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6		
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		

D50310.306

Chain of Custody Record & Laboratory Analysis Request



ANALYTICAL RESOURCES INCORPORATED
333 Ninth Ave. North
Seattle, WA 98109-5187
(206) 621-6490
(206) 621-7523 (FAX)

Date: 03/09/95
Page 1 of 1

ARI Client: GOLDER ASSOC. INC. Phone #: (206) 883-0777

Client Contact: MIKE HIGGINS

Client Project ID: NORSELAND MOBILE ESTATES

Sampler: T. Stapp & M. Higgins

Sample ID	Date	Time	Matx	No Cont	Lab ID
1 SVP-19	3-9-95	ON FILE	Media		
2 SVP-36					
3 END OF BARNEY White Road					
4 END of B. White Rd. (DUPLICATE)					
5 SAW MILL					
6 NORSELAND APARTMENT					
7 LOWER LOFAL @ MATTESON					

Comments/Special instructions:	Relinquished by: (Signature)	Relinquished by: (Signature)
	Printed Name: <u>TOM STAPP</u>	Printed Name: <u>Alate</u>
	Company: <u>GOLDER ASSOC. INC.</u>	Company:
	Date: <u>03-09-95</u>	Date: <u>3/10/95</u>
	Received by: (Signature)	Received by: (Signature)
	Printed Name:	Printed Name:
	Company:	Company:
	Date:	Date:

Analysis Required		Notes/Comments
Aldehyde & Ketones	AMINES	
↓	↓	
X	X	
X	X	
X	X	
X	X	
X	X	
X	X	
X	X	
X	X	Correct ID: LOWER LOFAL

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following Standard Operating Procedures and our Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI releases ARI from any liability in excess thereof, not withstanding any provision to

AIR TOXICS LTD.

SAMPLE NAME: End of Barney White Rd.
ID#: 9503093-01A

Sulfur Gases by GC/FPD
EPA Method 15/16

File Name:	2031014	Date of Collection:	3/9/95
Dil. Factor:	1.0	Date of Analysis:	3/10/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: End of Barney White Rd. (DUP)
ID#: 9503093-02A

Sulfur Gases by GC/FPD
EPA Method 15/16

File Name:	2031023	Date of Collection:	3/9/95
Dil. Factor:	1.0	Date of Analysis:	3/10/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Saw Mill

ID#: 9503093-03A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	2031016	Date of Collection:	3/9/95
Dil. Factor:	1.0	Date of Analysis:	3/10/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Saw Mill Duplicate
ID#: 9503093-03B

Sulfur Gases by GC/FPD
EPA Method 15/16

File Name:	2031022	Date of Collection:	3/9/95
Dil. Factor:	1.0	Date of Analysis:	3/10/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Apartment

ID#: 9503093-04A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	2031017	Date of Collection:	3/9/95
Dil. Factor:	1.0	Date of Analysis:	3/10/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lower Lowfal @ Matteson

ID#: 9503093-05A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	2031018	Date of Collection: 3/9/95
Dil. Factor:	1.0	Date of Analysis: 3/10/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SV. 36

ID#: 9503093-06A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	2031019	Date of Collection:	3/9/95
Dil. Factor:	1.0	Date of Analysis:	3/10/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SV. 45

ID#: 9503093-07A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	2031020	Date of Collection:	3/9/95
Dil. Factor:	1.0	Date of Analysis:	3/10/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SVP. 19

ID#: 9503093-08A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	2031021	Date of Collection:	3/9/95
Dil. Factor:	1.0	Date of Analysis:	3/10/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: New SVP-10

ID#: 9503105B-01A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	2031025	Date of Collection:	3/9/95
Dil. Factor:	1.0	Date of Analysis:	3/10/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Equip. Blank
ID#: 9503093-09A

Sulfur Gases by GC/FPD
EPA Method 15/16

File Name:	2031024	Date of Collection:	3/9/95
Dil. Factor:	1.0	Date of Analysis:	3/10/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Method Spike

ID#: 9503093-10A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	2031009/10/11/12	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/10/95

Compound	Det. Limit (ppmv)	% Recovery
Hydrogen Sulfide	0.050	99
Carbonyl Sulfide	0.050	98
Methyl Mercaptan	0.050	88
Dimethyl Sulfide	0.050	86
Carbon Disulfide	0.050	89
Dimethyl Disulfide	0.050	91
Ethyl Mercaptan	0.050	106
Isopropylmercaptan	0.050	82
tert-Butyl Mercaptan	0.050	92
n-Propylmercaptan	0.050	87
Ethyl Methyl Sulfide	0.050	85
Thiophene	0.050	90
Isobutyl Mercaptan	0.050	78
Diethyl Sulfide	0.050	88
n-Butylmercaptan	0.050	76
3-Methylthiophene	0.050	86
Tetrahydrothiophene	0.050	85
2-Ethylthiophene	0.050	84
2,5-Dimethylthiophene	0.050	80
Diethyl Disulfide	0.050	80

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503093-11A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	2031013	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/10/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503105B-02A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	2031013	Date of Collection: NA
Dil. Factor:	1.0	Date of Analysis: 3/10/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Installed SVP-10

ID#: 9503105A-01A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032216	Date of Collection:	3/9/95
Dil. Factor:	120	Date of Analysis:	3/22/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	12	Not Detected
Freon 114	12	Not Detected
Chloromethane	12	Not Detected
Vinyl Chloride	12	Not Detected
Bromomethane	12	Not Detected
Chloroethane	12	Not Detected
Freon 11	12	Not Detected
1,1-Dichloroethene	12	Not Detected
Freon 113	12	Not Detected
Methylene Chloride	12	Not Detected
1,1-Dichloroethane	12	Not Detected
cis-1,2-Dichloroethene	12	Not Detected
Chloroform	12	Not Detected
1,1,1-Trichloroethane	12	Not Detected
Carbon Tetrachloride	12	Not Detected
Benzene	12	Not Detected
1,2-Dichloroethane	12	Not Detected
Trichloroethene	12	Not Detected
1,2-Dichloropropane	12	Not Detected
cis-1,3-Dichloropropene	12	Not Detected
Toluene	12	Not Detected
trans-1,3-Dichloropropene	12	Not Detected
1,1,2-Trichloroethane	12	Not Detected
Tetrachloroethene	12	Not Detected
Ethylene Dibromide	12	Not Detected
Chlorobenzene	12	Not Detected
Ethyl Benzene	12	Not Detected
m,p-Xylene	12	Not Detected
o-Xylene	12	Not Detected
Styrene	12	Not Detected
1,1,2,2-Tetrachloroethane	12	Not Detected
1,3,5-Trimethylbenzene	12	Not Detected
1,2,4-Trimethylbenzene	12	Not Detected
1,3-Dichlorobenzene	12	Not Detected
1,4-Dichlorobenzene	12	Not Detected
Chlorotoluene	12	Not Detected
1,2-Dichlorobenzene	12	Not Detected
1,2,4-Trichlorobenzene	12	Not Detected
Hexachlorobutadiene	12	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Installed SVP-10
ID#: 9503105A-01A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032216	Date of Collection:	3/9/95
Dil. Factor:	120	Date of Analysis:	3/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
1-Ethyl-1-methylcyclohexane	4926-90-3	Manual ID	8600	♀ JN ↓
Unknown Branched Alkane	NA	NA	11000	
Unknown Branched Alkane	NA	NA	15000	
Unknown Hydrocarbon	NA	NA	8200	
Unknown Hydrocarbon	NA	NA	12000	
Unknown Hydrocarbon	NA	NA	8400	
Unknown Hydrocarbon	NA	NA	20000	
Unknown Hydrocarbon	NA	NA	15000	
Unknown Hydrocarbon	NA	NA	11000	
Unknown Cycloalkane	NA	NA	8200	

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	104	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	92	70-130

AIR TOXICS LTD.

SAMPLE NAME: New SVP-10

ID#: 9503105A-02A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032215	Date of Collection:	3/9/95
Dil. Factor:	99	Date of Analysis:	3/22/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	9.9	Not Detected
Freon 114	9.9	Not Detected
Chloromethane	9.9	Not Detected
Vinyl Chloride	9.9	Not Detected
Bromomethane	9.9	Not Detected
Chloroethane	9.9	Not Detected
Freon 11	9.9	Not Detected
1,1-Dichloroethene	9.9	Not Detected
Freon 113	9.9	Not Detected
Methylene Chloride	9.9	Not Detected
1,1-Dichloroethane	9.9	Not Detected
cis-1,2-Dichloroethene	9.9	Not Detected
Chloroform	9.9	Not Detected
1,1,1-Trichloroethane	9.9	Not Detected
Carbon Tetrachloride	9.9	Not Detected
Benzene	9.9	11
1,2-Dichloroethane	9.9	Not Detected
Trichloroethene	9.9	Not Detected
1,2-Dichloropropane	9.9	Not Detected
cis-1,3-Dichloropropene	9.9	Not Detected
Toluene	9.9	Not Detected
trans-1,3-Dichloropropene	9.9	Not Detected
1,1,2-Trichloroethane	9.9	Not Detected
Tetrachloroethene	9.9	Not Detected
Ethylene Dibromide	9.9	Not Detected
Chlorobenzene	9.9	Not Detected
Ethyl Benzene	9.9	Not Detected
m,p-Xylene	9.9	Not Detected
o-Xylene	9.9	Not Detected
Styrene	9.9	Not Detected
1,1,2,2-Tetrachloroethane	9.9	Not Detected
1,3,5-Trimethylbenzene	9.9	Not Detected
1,2,4-Trimethylbenzene	9.9	Not Detected
1,3-Dichlorobenzene	9.9	Not Detected
1,4-Dichlorobenzene	9.9	Not Detected
Chlorotoluene	9.9	Not Detected
1,2-Dichlorobenzene	9.9	Not Detected
1,2,4-Trichlorobenzene	9.9	Not Detected
Hexachlorobutadiene	9.9	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: New SVP-10

ID#: 9503105A-02A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032215	Date of Collection:	3/9/95
Dil. Factor:	99	Date of Analysis:	3/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)
3,4,4-Trimethyl-2-hexene	53941-19-8	Manual ID	8100
Unknown Branched Alkane	NA	NA	11000
Unknown Branched Alkane	NA	NA	18000
Unknown Hydrocarbon	NA	NA	9000
Ethanedioic Acid, Dibutyl Ester	2050-60-4	Manual ID	11000
Unknown Hydrocarbon	NA	NA	19000
Unknown Hydrocarbon	NA	NA	12000
Unknown Cycloalkane	NA	NA	12000
2,6-Dimethylnonane	17302-28-2	53 %	16000
Unknown Hydrocarbon	NA	NA	9800

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	100	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: Equip. Blank

ID#: 9503105A-03A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032214	Date of Collection:	3/9/95
Dil. Factor:	2.6	Date of Analysis:	3/22/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.26	0.71
Freon 114	0.26	Not Detected
Chloromethane	0.26	0.95
Vinyl Chloride	0.26	Not Detected
Bromomethane	0.26	Not Detected
Chloroethane	0.26	Not Detected
Freon 11	0.26	0.30
1,1-Dichloroethene	0.26	Not Detected
Freon 113	0.26	Not Detected
Methylene Chloride	0.26	Not Detected
1,1-Dichloroethane	0.26	Not Detected
cis-1,2-Dichloroethene	0.26	Not Detected
Chloroform	0.26	Not Detected
1,1,1-Trichloroethane	0.26	Not Detected
Carbon Tetrachloride	0.26	Not Detected
Benzene	0.26	0.60
1,2-Dichloroethane	0.26	Not Detected
Trichloroethene	0.26	Not Detected
1,2-Dichloropropane	0.26	Not Detected
cis-1,3-Dichloropropene	0.26	Not Detected
Toluene	0.26	0.88
trans-1,3-Dichloropropene	0.26	Not Detected
1,1,2-Trichloroethane	0.26	Not Detected
Tetrachloroethene	0.26	Not Detected
Ethylene Dibromide	0.26	Not Detected
Chlorobenzene	0.26	Not Detected
Ethyl Benzene	0.26	Not Detected
m,p-Xylene	0.26	0.43
o-Xylene	0.26	Not Detected
Styrene	0.26	Not Detected
1,1,2,2-Tetrachloroethane	0.26	Not Detected
1,3,5-Trimethylbenzene	0.26	Not Detected
1,2,4-Trimethylbenzene	0.26	Not Detected
1,3-Dichlorobenzene	0.26	Not Detected
1,4-Dichlorobenzene	0.26	Not Detected
Chlorotoluene	0.26	Not Detected
1,2-Dichlorobenzene	0.26	Not Detected
1,2,4-Trichlorobenzene	0.26	Not Detected
Hexachlorobutadiene	0.26	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Equip. Blank

ID#: 9503105A-03A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032214	Date of Collection:	3/9/95
Dil. Factor:	2.6	Date of Analysis:	3/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Oxygenated Hydrocarbon	NA	NA	6.0
Unknown Hydrocarbon	NA	NA	4.8
Unknown Hydrocarbon	NA	NA	4.8
Unknown Oxygenated Hydrocarbon	NA	NA	4.0
Unknown Hydrocarbon	NA	NA	12
Unknown Hydrocarbon	NA	NA	4.6
Unknown Hydrocarbon	NA	NA	3.8
Unknown Hydrocarbon	NA	NA	5.0
Unknown Alkane	NA	NA	3.2
Unknown Hydrocarbon	NA	NA	3.7

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	117	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: Ambient Blank

ID#: 9503105A-04A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032213	Date of Collection:	3/9/95
Dil. Factor:	1.3	Date of Analysis:	3/22/95

Compound	Det. Limit (ppbv)	Amount (ppbv)	
Freon 12	0.13	0.89	J
Freon 114	0.13	Not Detected	UJ
Chloromethane	0.13	Not Detected	
Vinyl Chloride	0.13	Not Detected	
Bromomethane	0.13	Not Detected	
Chloroethane	0.13	Not Detected	
Freon 11	0.13	0.35	J
1,1-Dichloroethene	0.13	Not Detected	UJ
Freon 113	0.13	Not Detected	
Methylene Chloride	0.13	Not Detected	
1,1-Dichloroethane	0.13	Not Detected	
cis-1,2-Dichloroethene	0.13	Not Detected	
Chloroform	0.13	Not Detected	
1,1,1-Trichloroethane	0.13	Not Detected	
Carbon Tetrachloride	0.13	Not Detected	
Benzene	0.13	0.36	J
1,2-Dichloroethane	0.13	Not Detected	UJ
Trichloroethene	0.13	Not Detected	
1,2-Dichloropropane	0.13	Not Detected	
cis-1,3-Dichloropropene	0.13	Not Detected	
Toluene	0.13	0.71	J
trans-1,3-Dichloropropene	0.13	Not Detected	UJ
1,1,2-Trichloroethane	0.13	Not Detected	
Tetrachloroethene	0.13	Not Detected	
Ethylene Dibromide	0.13	Not Detected	
Chlorobenzene	0.13	Not Detected	
Ethyl Benzene	0.13	Not Detected	
m,p-Xylene	0.13	0.36	J
o-Xylene	0.13	Not Detected	UJ
Styrene	0.13	Not Detected	
1,1,2,2-Tetrachloroethane	0.13	Not Detected	
1,3,5-Trimethylbenzene	0.13	Not Detected	
1,2,4-Trimethylbenzene	0.13	0.13	J
1,3-Dichlorobenzene	0.13	Not Detected	UJ
1,4-Dichlorobenzene	0.13	Not Detected	
Chlorotoluene	0.13	Not Detected	
1,2-Dichlorobenzene	0.13	Not Detected	
1,2,4-Trichlorobenzene	0.13	Not Detected	
Hexachlorobutadiene	0.13	Not Detected	

AIR TOXICS LTD.

SAMPLE NAME: Ambient Blank

ID#: 9503105A-04A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032213	Date of Collection: 3/9/95
Dil. Factor:	1.3	Date of Analysis: 3/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)	Q
Unknown Hydrocarbon	NA	NA	1.6	JN
Unknown Hydrocarbon	NA	NA	3.9	↓
Unknown Oxygenated Hydrocarbon	NA	NA	5.5	
Unknown Hydrocarbon	NA	NA	2.9	
Unknown Hydrocarbon	NA	NA	1.6	
Unknown Hydrocarbon	NA	NA	4.5	
Unknown Hydrocarbon	NA	NA	1.7	
Unknown Hydrocarbon	NA	NA	1.4	
Unknown Hydrocarbon	NA	NA	1.4	
Unknown Hydrocarbon	NA	NA	1.6	

Q = Exceeds Quality Control limits of 70% to 130%.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	139 Q	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	107	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503105A-05A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032204	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/22/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.10	Not Detected
Freon 114	0.10	Not Detected
Chloromethane	0.10	Not Detected
Vinyl Chloride	0.10	Not Detected
Bromomethane	0.10	Not Detected
Chloroethane	0.10	Not Detected
Freon 11	0.10	Not Detected
1,1-Dichloroethene	0.10	Not Detected
Freon 113	0.10	Not Detected
Methylene Chloride	0.10	Not Detected
1,1-Dichloroethane	0.10	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected
Chloroform	0.10	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected
Carbon Tetrachloride	0.10	Not Detected
Benzene	0.10	Not Detected
1,2-Dichloroethane	0.10	Not Detected
Trichloroethene	0.10	Not Detected
1,2-Dichloropropane	0.10	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected
Toluene	0.10	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected
Tetrachloroethene	0.10	Not Detected
Ethylene Dibromide	0.10	Not Detected
Chlorobenzene	0.10	Not Detected
Ethyl Benzene	0.10	Not Detected
m,p-Xylene	0.10	Not Detected
o-Xylene	0.10	Not Detected
Styrene	0.10	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected
Chlorotoluene	0.10	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected
1,2,4-Trichlorobenzene	0.10	Not Detected
Hexachlorobutadiene	0.10	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503105A-05A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032204	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA

Surrogates	% Recovery	Method Limits
Octafluorotoluene	100	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	95	70-130

AIR TOXICS LTD.

SAMPLE NAME: End of Barney White Rd.

ID#: 9503102A-01A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F032113 Date of Collection: 3/9/95
 Dil. Factor: 2.7 Date of Analysis: 3/21/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.27	0.61
Freon 114	0.27	Not Detected
Chloromethane	0.27	0.78
Vinyl Chloride	0.27	Not Detected
Bromomethane	0.27	Not Detected
Chloroethane	0.27	Not Detected
Freon 11	0.27	0.42
1,1-Dichloroethene	0.27	Not Detected
Freon 113	0.27	Not Detected
Methylene Chloride	0.27	Not Detected
1,1-Dichloroethane	0.27	Not Detected
cis-1,2-Dichloroethene	0.27	Not Detected
Chloroform	0.27	Not Detected
1,1,1-Trichloroethane	0.27	Not Detected
Carbon Tetrachloride	0.27	Not Detected
Benzene	0.27	0.85
1,2-Dichloroethane	0.27	Not Detected
Trichloroethene	0.27	Not Detected
1,2-Dichloropropane	0.27	Not Detected
cis-1,3-Dichloropropene	0.27	Not Detected
Toluene	0.27	1.8
trans-1,3-Dichloropropene	0.27	Not Detected
1,1,2-Trichloroethane	0.27	Not Detected
Tetrachloroethene	0.27	1.3
Ethylene Dibromide	0.27	Not Detected
Chlorobenzene	0.27	Not Detected
Ethyl Benzene	0.27	0.32
m,p-Xylene	0.27	1.1
o-Xylene	0.27	0.44
Styrene	0.27	Not Detected
1,1,2,2-Tetrachloroethane	0.27	Not Detected
1,3,5-Trimethylbenzene	0.27	Not Detected
1,2,4-Trimethylbenzene	0.27	0.50
1,3-Dichlorobenzene	0.27	Not Detected
1,4-Dichlorobenzene	0.27	Not Detected
Chlorotoluene	0.27	Not Detected
1,2-Dichlorobenzene	0.27	Not Detected
1,2,4-Trichlorobenzene	0.27	Not Detected
Hexachlorobutadiene	0.27	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: End of Barney White Rd.

ID#: 9503102A-01A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F032113 Date of Collection: 3/9/95
 Dil. Factor: 2.7 Date of Analysis: 3/21/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Hydrocarbon	NA	NA	2.0	Q JN ↓
Unknown Hydrocarbon	NA	NA	2.6	
Unknown Oxygenated Hydrocarbon	NA	NA	6.5	
Unknown Oxygenated Hydrocarbon	NA	NA	3.0	

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	108	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	107	70-130

AIR TOXICS LTD.

SAMPLE NAME: End of Barney White Rd.-DUP

ID#: 9503102A-02A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F032114 Date of Collection: 3/9/95
 Dil. Factor: 2.7 Date of Analysis: 3/21/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.27	0.70
Freon 114	0.27	Not Detected
Chloromethane	0.27	0.75
Vinyl Chloride	0.27	Not Detected
Bromomethane	0.27	Not Detected
Chloroethane	0.27	Not Detected
Freon 11	0.27	0.40
1,1-Dichloroethene	0.27	Not Detected
Freon 113	0.27	Not Detected
Methylene Chloride	0.27	Not Detected
1,1-Dichloroethane	0.27	Not Detected
cis-1,2-Dichloroethene	0.27	Not Detected
Chloroform	0.27	Not Detected
1,1,1-Trichloroethane	0.27	Not Detected
Carbon Tetrachloride	0.27	Not Detected
Benzene	0.27	0.81
1,2-Dichloroethane	0.27	Not Detected
Trichloroethene	0.27	Not Detected
1,2-Dichloropropane	0.27	Not Detected
cis-1,3-Dichloropropene	0.27	Not Detected
Toluene	0.27	1.1
trans-1,3-Dichloropropene	0.27	Not Detected
1,1,2-Trichloroethane	0.27	Not Detected
Tetrachloroethene	0.27	0.85
Ethylene Dibromide	0.27	Not Detected
Chlorobenzene	0.27	Not Detected
Ethyl Benzene	0.27	Not Detected
m,p-Xylene	0.27	0.27
o-Xylene	0.27	Not Detected
Styrene	0.27	Not Detected
1,1,2,2-Tetrachloroethane	0.27	Not Detected
1,3,5-Trimethylbenzene	0.27	Not Detected
1,2,4-Trimethylbenzene	0.27	Not Detected
1,3-Dichlorobenzene	0.27	Not Detected
1,4-Dichlorobenzene	0.27	Not Detected
Chlorotoluene	0.27	Not Detected
1,2-Dichlorobenzene	0.27	Not Detected
1,2,4-Trichlorobenzene	0.27	Not Detected
Hexachlorobutadiene	0.27	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: End of Barney White Rd.-DUP

ID#: 9503102A-02A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032114	Date of Collection:	3/9/95
Dil. Factor:	2.7	Date of Analysis:	3/21/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Oxygenated Hydrocarbon	NA	NA	4.9	JN
Unknown Oxygenated Hydrocarbon	NA	NA	2.7	JN

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	108	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: Saw Mill

ID#: 9503102A-03A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F032115 Date of Collection: 3/9/95
 Dil. Factor: 2.7 Date of Analysis: 3/21/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.27	0.72
Freon 114	0.27	Not Detected
Chloromethane	0.27	0.73
Vinyl Chloride	0.27	Not Detected
Bromomethane	0.27	Not Detected
Chloroethane	0.27	Not Detected
Freon 11	0.27	0.42
1,1-Dichloroethane	0.27	Not Detected
Freon 113	0.27	Not Detected
Methylene Chloride	0.27	Not Detected
1,1-Dichloroethane	0.27	Not Detected
cis-1,2-Dichloroethene	0.27	Not Detected
Chloroform	0.27	Not Detected
1,1,1-Trichloroethane	0.27	Not Detected
Carbon Tetrachloride	0.27	Not Detected
Benzene	0.27	0.83
1,2-Dichloroethane	0.27	Not Detected
Trichloroethene	0.27	Not Detected
1,2-Dichloropropane	0.27	Not Detected
cis-1,3-Dichloropropene	0.27	Not Detected
Toluene	0.27	1.1
trans-1,3-Dichloropropene	0.27	Not Detected
1,1,2-Trichloroethane	0.27	Not Detected
Tetrachloroethene	0.27	0.84
Ethylene Dibromide	0.27	Not Detected
Chlorobenzene	0.27	Not Detected
Ethyl Benzene	0.27	Not Detected
m,p-Xylene	0.27	0.28
o-Xylene	0.27	Not Detected
Styrene	0.27	Not Detected
1,1,2,2-Tetrachloroethane	0.27	Not Detected
1,3,5-Trimethylbenzene	0.27	Not Detected
1,2,4-Trimethylbenzene	0.27	Not Detected
1,3-Dichlorobenzene	0.27	Not Detected
1,4-Dichlorobenzene	0.27	Not Detected
Chlorotoluene	0.27	Not Detected
1,2-Dichlorobenzene	0.27	Not Detected
1,2,4-Trichlorobenzene	0.27	Not Detected
Hexachlorobutadiene	0.27	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Saw Mill

ID#: 9503102A-03A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F032115 Date of Collection: 3/9/95
 Dil. Factor: 2.7 Date of Analysis: 3/21/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Hydrocarbon	NA	NA	2.6	Q JN
Unknown Hydrocarbon	NA	NA	2.1	
Unknown Oxygenated Hydrocarbon	NA	NA	4.6	
Unknown Oxygenated Hydrocarbon	NA	NA	2.8	↓

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	110	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	105	70-130

AIR TOXICS LTD.

SAMPLE NAME: Apartment
ID#: 9503102A-04A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F032205 Date of Collection: 3/9/95
Dil. Factor: 2.7 Date of Analysis: 3/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Hydrocarbon	NA	NA	4.4	Q JN ↓
Unknown Hydrocarbon	NA	NA	7.0	
Unknown Oxygenated Hydrocarbon	NA	NA	19	
Unknown Oxygenated Hydrocarbon	NA	NA	7.1	
Unknown Hydrocarbon	NA	NA	23	
Unknown Hydrocarbon	NA	NA	6.5	
Unknown Oxygenated Hydrocarbon	NA	NA	7.1	
Unknown Hydrocarbon	NA	NA	15	
Unknown Hydrocarbon	NA	NA	5.2	
Unknown Hydrocarbon	NA	NA	4.7	

Q = Exceeds Quality Control limits of 70% to 130%.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	139 Q	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	109	70-130

AIR TOXICS LTD.

SAMPLE NAME: SVP-19

ID#: 9503102A-05A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F032206 Date of Collection: 3/9/95
 Dil. Factor: 2.7 Date of Analysis: 3/22/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.27	0.52
Freon 114	0.27	Not Detected
Chloromethane	0.27	0.52
Vinyl Chloride	0.27	Not Detected
Bromomethane	0.27	Not Detected
Chloroethane	0.27	Not Detected
Freon 11	0.27	0.70
1,1-Dichloroethene	0.27	Not Detected
Freon 113	0.27	Not Detected
Methylene Chloride	0.27	Not Detected
1,1-Dichloroethane	0.27	Not Detected
cis-1,2-Dichloroethene	0.27	Not Detected
Chloroform	0.27	Not Detected
1,1,1-Trichloroethane	0.27	Not Detected
Carbon Tetrachloride	0.27	Not Detected
Benzene	0.27	Not Detected
1,2-Dichloroethane	0.27	Not Detected
Trichloroethene	0.27	Not Detected
1,2-Dichloropropane	0.27	Not Detected
cis-1,3-Dichloropropene	0.27	Not Detected
Toluene	0.27	Not Detected
trans-1,3-Dichloropropene	0.27	Not Detected
1,1,2-Trichloroethane	0.27	Not Detected
Tetrachloroethene	0.27	Not Detected
Ethylene Dibromide	0.27	Not Detected
Chlorobenzene	0.27	Not Detected
Ethyl Benzene	0.27	Not Detected
m,p-Xylene	0.27	0.32
o-Xylene	0.27	Not Detected
Styrene	0.27	Not Detected
1,1,2,2-Tetrachloroethane	0.27	Not Detected
1,3,5-Trimethylbenzene	0.27	Not Detected
1,2,4-Trimethylbenzene	0.27	Not Detected
1,3-Dichlorobenzene	0.27	Not Detected
1,4-Dichlorobenzene	0.27	Not Detected
Chlorotoluene	0.27	Not Detected
1,2-Dichlorobenzene	0.27	Not Detected
1,2,4-Trichlorobenzene	0.27	Not Detected
Hexachlorobutadiene	0.27	Not Detected

0.52
 0.52
 0.70
 0.32
 WJ
 WJ

AIR TOXICS LTD.

SAMPLE NAME: SVP-19

ID#: 9503102A-05A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F032206 Date of Collection: 3/9/95
 Dil. Factor: 2.7 Date of Analysis: 3/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Oxygenated Hydrocarbon	NA	NA	16	Q JN ↓
Unknown Oxygenated Hydrocarbon	NA	NA	4.1	
Unknown Hydrocarbon	NA	NA	2.1	
Unknown Hydrocarbon	NA	NA	4.5	
Unknown Oxygenated Hydrocarbon	NA	NA	1.8	
Unknown Hydrocarbon	NA	NA	5.4	
Unknown Hydrocarbon	NA	NA	4.8	
Unknown Hydrocarbon	NA	NA	8.0	
Unknown Hydrocarbon	NA	NA	1.7	

Q = Exceeds Quality Control limits of 70% to 130%.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	136 Q	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	107	70-130

AIR TOXICS LTD.

SAMPLE NAME: L. Lowfal @ Matteson

ID#: 9503102A-06A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F032207 Date of Collection: 3/9/95
 Dil. Factor: 2.7 Date of Analysis: 3/22/95

Compound	Det. Limit (ppbv)	Amount (ppbv)	
Freon 12	0.27	1.7	J
Freon 114	0.27	Not Detected	W
Chloromethane	0.27	2.0	W
Vinyl Chloride	0.27	Not Detected	W
Bromomethane	0.27	Not Detected	↓
Chloroethane	0.27	Not Detected	J
Freon 11	0.27	0.87	W
1,1-Dichloroethene	0.27	Not Detected	↓
Freon 113	0.27	Not Detected	↓
Methylene Chloride	0.27	Not Detected	↓
1,1-Dichloroethane	0.27	Not Detected	↓
cis-1,2-Dichloroethene	0.27	Not Detected	↓
Chloroform	0.27	Not Detected	J
1,1,1-Trichloroethane	0.27	0.28	W
Carbon Tetrachloride	0.27	Not Detected	W
Benzene	0.27	0.74	J
1,2-Dichloroethane	0.27	Not Detected	W
Trichloroethene	0.27	Not Detected	↓
1,2-Dichloropropane	0.27	Not Detected	↓
cis-1,3-Dichloropropene	0.27	Not Detected	↓
Toluene	0.27	1.8	J
trans-1,3-Dichloropropene	0.27	Not Detected	W
1,1,2-Trichloroethane	0.27	Not Detected	↓
Tetrachloroethene	0.27	Not Detected	↓
Ethylene Dibromide	0.27	Not Detected	↓
Chlorobenzene	0.27	Not Detected	↓
Ethyl Benzene	0.27	0.30	J
m,p-Xylene	0.27	0.93	J
o-Xylene	0.27	0.32	J
Styrene	0.27	Not Detected	W
1,1,2,2-Tetrachloroethane	0.27	Not Detected	↓
1,3,5-Trimethylbenzene	0.27	Not Detected	↓
1,2,4-Trimethylbenzene	0.27	0.30	J
1,3-Dichlorobenzene	0.27	Not Detected	W
1,4-Dichlorobenzene	0.27	Not Detected	↓
Chlorotoluene	0.27	Not Detected	↓
1,2-Dichlorobenzene	0.27	Not Detected	↓
1,2,4-Trichlorobenzene	0.27	Not Detected	↓
Hexachlorobutadiene	0.27	Not Detected	↓

AIR TOXICS LTD.

SAMPLE NAME: L. Lowfal @ Matteson

ID#: 9503102A-06A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F032207 Date of Collection: 3/9/95
 Dil. Factor: 2.7 Date of Analysis: 3/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Hydrocarbon	NA	NA	4.1	Q JN ↓
Unknown Hydrocarbon	NA	NA	6.6	
Unknown Hydrocarbon	NA	NA	3.4	
Unknown Oxygenated Hydrocarbon	NA	NA	16	
Unknown Hydrocarbon	NA	NA	4.3	
Unknown Hydrocarbon	NA	NA	2.0	
Unknown Hydrocarbon	NA	NA	3.1	
Unknown Hydrocarbon	NA	NA	6.6	
Unknown Hydrocarbon	NA	NA	6.4	
Unknown Hydrocarbon	NA	NA	4.2	

Q = Exceeds Quality Control limits of 70% to 130%.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	144 Q	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	107	70-130

AIR TOXICS LTD.

SAMPLE NAME: L. Lowfal @ Matteson Duplicate

ID#: 9503102A-06B

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032208	Date of Collection:	3/9/95
Dil. Factor:	2.7	Date of Analysis:	3/22/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.27	1.7
Freon 114	0.27	Not Detected
Chloromethane	0.27	1.9
Vinyl Chloride	0.27	Not Detected
Bromomethane	0.27	Not Detected
Chloroethane	0.27	Not Detected
Freon 11	0.27	0.89
1,1-Dichloroethene	0.27	Not Detected
Freon 113	0.27	Not Detected
Methylene Chloride	0.27	Not Detected
1,1-Dichloroethane	0.27	Not Detected
cis-1,2-Dichloroethene	0.27	Not Detected
Chloroform	0.27	Not Detected
1,1,1-Trichloroethane	0.27	0.24 J
Carbon Tetrachloride	0.27	Not Detected
Benzene	0.27	0.75
1,2-Dichloroethane	0.27	Not Detected
Trichloroethene	0.27	Not Detected
1,2-Dichloropropane	0.27	Not Detected
cis-1,3-Dichloropropene	0.27	Not Detected
Toluene	0.27	1.7
trans-1,3-Dichloropropene	0.27	Not Detected
1,1,2-Trichloroethane	0.27	Not Detected
Tetrachloroethene	0.27	Not Detected
Ethylene Dibromide	0.27	Not Detected
Chlorobenzene	0.27	Not Detected
Ethyl Benzene	0.27	0.32
m,p-Xylene	0.27	0.98
o-Xylene	0.27	0.32
Styrene	0.27	Not Detected
1,1,2,2-Tetrachloroethane	0.27	Not Detected
1,3,5-Trimethylbenzene	0.27	Not Detected
1,2,4-Trimethylbenzene	0.27	0.30
1,3-Dichlorobenzene	0.27	Not Detected
1,4-Dichlorobenzene	0.27	Not Detected
Chlorotoluene	0.27	Not Detected
1,2-Dichlorobenzene	0.27	Not Detected
1,2,4-Trichlorobenzene	0.27	Not Detected
Hexachlorobutadiene	0.27	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: L. Lowfal @ Matteson Duplicate
 ID#: 9503102A-06B

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F032208 Date of Collection: 3/9/95
 Dil. Factor: 2.7 Date of Analysis: 3/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Hydrocarbon	NA	NA	6.3	J ↓
Unknown Hydrocarbon	NA	NA	6.9	
Unknown Oxygenated Hydrocarbon	NA	NA	11	
Unknown Hydrocarbon	NA	NA	1.8	
Unknown Hydrocarbon	NA	NA	5.4	
Unknown Hydrocarbon	NA	NA	6.4	
Unknown Hydrocarbon	NA	NA	3.6	

J = Below detection limit, but supported by duplicate analysis.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	126	70-130
Toluene-d8	89	70-130
4-Bromofluorobenzene	112	70-130

AIR TOXICS LTD.

SAMPLE NAME: SV.45

ID#: 9503102A-07A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F032210 Date of Collection: 3/9/95
 Dil. Factor: 2.7 Date of Analysis: 3/22/95

Compound	Det. Limit (ppbv)	Amount (ppbv)	
Freon 12	0.27	1.4	J
Freon 114	0.27	Not Detected	WJ
Chloromethane	0.27	Not Detected	
Vinyl Chloride	0.27	Not Detected	
Bromomethane	0.27	Not Detected	
Chloroethane	0.27	Not Detected	J
Freon 11	0.27	0.70	J
1,1-Dichloroethene	0.27	Not Detected	WJ
Freon 113	0.27	Not Detected	
Methylene Chloride	0.27	Not Detected	
1,1-Dichloroethane	0.27	Not Detected	
cis-1,2-Dichloroethene	0.27	Not Detected	
Chloroform	0.27	Not Detected	
1,1,1-Trichloroethane	0.27	Not Detected	
Carbon Tetrachloride	0.27	Not Detected	
Benzene	0.27	0.48	J
1,2-Dichloroethane	0.27	Not Detected	WJ
Trichloroethene	0.27	Not Detected	
1,2-Dichloropropane	0.27	Not Detected	
cis-1,3-Dichloropropene	0.27	Not Detected	J
Toluene	0.27	67	J
trans-1,3-Dichloropropene	0.27	Not Detected	WJ
1,1,2-Trichloroethane	0.27	Not Detected	
Tetrachloroethene	0.27	Not Detected	
Ethylene Dibromide	0.27	Not Detected	
Chlorobenzene	0.27	Not Detected	
Ethyl Benzene	0.27	Not Detected	
m,p-Xylene	0.27	0.58	J
o-Xylene	0.27	Not Detected	WJ
Styrene	0.27	Not Detected	
1,1,2,2-Tetrachloroethane	0.27	Not Detected	
1,3,5-Trimethylbenzene	0.27	Not Detected	
1,2,4-Trimethylbenzene	0.27	Not Detected	
1,3-Dichlorobenzene	0.27	Not Detected	
1,4-Dichlorobenzene	0.27	Not Detected	
Chlorotoluene	0.27	Not Detected	J
1,2-Dichlorobenzene	0.27	0.36	J
1,2,4-Trichlorobenzene	0.27	Not Detected	WJ
Hexachlorobutadiene	0.27	Not Detected	WJ

AIR TOXICS LTD.

SAMPLE NAME: SV.45

ID#: 9503102A-07A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032210	Date of Collection:	3/9/95
Dil. Factor:	2.7	Date of Analysis:	3/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Oxygenated Hydrocarbon	NA	NA	15	Q JN JN
Unknown Hydrocarbon	NA	NA	21	

Q = Exceeds Quality Control limits of 70% to 130%.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	142 Q	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	108	70-130

AIR TOXICS LTD.

SAMPLE NAME: SV.36

ID#: 9503102A-08A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F032211 Date of Collection: 3/9/95
 Dil. Factor: 2.7 Date of Analysis: 3/22/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.27	Not Detected
Freon 114	0.27	Not Detected
Chloromethane	0.27	Not Detected
Vinyl Chloride	0.27	Not Detected
Bromomethane	0.27	Not Detected
Chloroethane	0.27	Not Detected
Freon 11	0.27	Not Detected
1,1-Dichloroethene	0.27	Not Detected
Freon 113	0.27	Not Detected
Methylene Chloride	0.27	Not Detected
1,1-Dichloroethane	0.27	Not Detected
cis-1,2-Dichloroethene	0.27	Not Detected
Chloroform	0.27	Not Detected
1,1,1-Trichloroethane	0.27	Not Detected
Carbon Tetrachloride	0.27	Not Detected
Benzene	0.27	Not Detected
1,2-Dichloroethane	0.27	Not Detected
Trichloroethene	0.27	Not Detected
1,2-Dichloropropane	0.27	Not Detected
cis-1,3-Dichloropropene	0.27	Not Detected
Toluene	0.27	Not Detected
trans-1,3-Dichloropropene	0.27	Not Detected
1,1,2-Trichloroethane	0.27	Not Detected
Tetrachloroethene	0.27	Not Detected
Ethylene Dibromide	0.27	Not Detected
Chlorobenzene	0.27	Not Detected
Ethyl Benzene	0.27	Not Detected
m,p-Xylene	0.27	Not Detected
o-Xylene	0.27	Not Detected
Styrene	0.27	Not Detected
1,1,2,2-Tetrachloroethane	0.27	Not Detected
1,3,5-Trimethylbenzene	0.27	Not Detected
1,2,4-Trimethylbenzene	0.27	Not Detected
1,3-Dichlorobenzene	0.27	Not Detected
1,4-Dichlorobenzene	0.27	Not Detected
Chlorotoluene	0.27	Not Detected
1,2-Dichlorobenzene	0.27	Not Detected
1,2,4-Trichlorobenzene	0.27	Not Detected
Hexachlorobutadiene	0.27	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SV.36

ID#: 9503102A-08A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F032211 Date of Collection: 3/9/95
Dil. Factor: 2.7 Date of Analysis: 3/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	106	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	87	70-130

AIR TOXICS LTD.

SAMPLE NAME: Equip. Blank

ID#: 9503102A-09A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F032212 Date of Collection: 3/9/95
 Dil. Factor: 1.4 Date of Analysis: 3/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)	Q
Unknown Hydrocarbon	NA	NA	5.0	JN
Unknown Oxygenated Hydrocarbon	NA	NA	5.9	
Unknown Hydrocarbon	NA	NA	2.2	
Unknown Oxygenated Hydrocarbon	NA	NA	1.7	
Unknown Hydrocarbon	NA	NA	1.7	
Unknown Hydrocarbon	NA	NA	5.7	
Unknown Hydrocarbon	NA	NA	1.3	
Unknown Hydrocarbon	NA	NA	2.0	
Phenol	108-95-2	76 %	1.7	
Unknown Hydrocarbon	NA	NA	1.2	

Q = Exceeds Quality Control limits of 70% to 130%.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	138 Q	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	112	70-130

AIR TOXICS LTD.

SAMPLE NAME: Method Spike

ID#: 9503102A-10A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F032202 Date of Collection: NA
 Dil. Factor: 1.0 Date of Analysis: 3/22/95

Compound	Det. Limit (ppbv)	% Recovery
Freon 12	0.10	118
Freon 114	0.10	117
Chloromethane	0.10	125
Vinyl Chloride	0.10	117
Bromomethane	0.10	121
Chloroethane	0.10	125
Freon 11	0.10	120
1,1-Dichloroethene	0.10	107
Freon 113	0.10	108
Methylene Chloride	0.10	110
1,1-Dichloroethane	0.10	108
cis-1,2-Dichloroethene	0.10	101
Chloroform	0.10	104
1,1,1-Trichloroethane	0.10	105
Carbon Tetrachloride	0.10	109
Benzene	0.10	103
1,2-Dichloroethane	0.10	106
Trichloroethene	0.10	99
1,2-Dichloropropane	0.10	110
cis-1,3-Dichloropropene	0.10	104
Toluene	0.10	103
trans-1,3-Dichloropropene	0.10	122
1,1,2-Trichloroethane	0.10	115
Tetrachloroethene	0.10	94
Ethylene Dibromide	0.10	106
Chlorobenzene	0.10	99
Ethyl Benzene	0.10	103
m,p-Xylene	0.10	102
o-Xylene	0.10	96
Styrene	0.10	108
1,1,2,2-Tetrachloroethane	0.10	104
1,3,5-Trimethylbenzene	0.10	107
1,2,4-Trimethylbenzene	0.10	104
1,3-Dichlorobenzene	0.10	120
1,4-Dichlorobenzene	0.10	120
Chlorotoluene	0.10	144 Q
1,2-Dichlorobenzene	0.10	119
1,2,4-Trichlorobenzene	0.10	202 Q
Hexachlorobutadiene	0.10	212 Q

AIR TOXICS LTD.

SAMPLE NAME: Method Spike

ID#: 9503102A-10A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032202	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Q = Exceeds Quality Control limits of 70% to 130%.

Container Type: NA

Surrogates	% Recovery	Method Limits
Octafluorotoluene	106	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503102A-11A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032105	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/21/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.10	Not Detected
Freon 114	0.10	Not Detected
Chloromethane	0.10	Not Detected
Vinyl Chloride	0.10	Not Detected
Bromomethane	0.10	Not Detected
Chloroethane	0.10	Not Detected
Freon 11	0.10	Not Detected
1,1-Dichloroethane	0.10	Not Detected
Freon 113	0.10	Not Detected
Methylene Chloride	0.10	Not Detected
1,1-Dichloroethane	0.10	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected
Chloroform	0.10	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected
Carbon Tetrachloride	0.10	Not Detected
Benzene	0.10	Not Detected
1,2-Dichloroethane	0.10	Not Detected
Trichloroethene	0.10	Not Detected
1,2-Dichloropropane	0.10	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected
Toluene	0.10	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected
Tetrachloroethene	0.10	Not Detected
Ethylene Dibromide	0.10	Not Detected
Chlorobenzene	0.10	Not Detected
Ethyl Benzene	0.10	Not Detected
m,p-Xylene	0.10	Not Detected
o-Xylene	0.10	Not Detected
Styrene	0.10	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected
Chlorotoluene	0.10	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected
1,2,4-Trichlorobenzene	0.10	Not Detected
Hexachlorobutadiene	0.10	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503102A-11A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032105	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/21/95

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA

Surrogates	% Recovery	Method Limits
Octafluorotoluene	102	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503102A-11B

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032204	Date of Collection: NA
Dil. Factor:	1.0	Date of Analysis: 3/22/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.10	Not Detected
Freon 114	0.10	Not Detected
Chloromethane	0.10	Not Detected
Vinyl Chloride	0.10	Not Detected
Bromomethane	0.10	Not Detected
Chloroethane	0.10	Not Detected
Freon 11	0.10	Not Detected
1,1-Dichloroethene	0.10	Not Detected
Freon 113	0.10	Not Detected
Methylene Chloride	0.10	Not Detected
1,1-Dichloroethane	0.10	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected
Chloroform	0.10	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected
Carbon Tetrachloride	0.10	Not Detected
Benzene	0.10	Not Detected
1,2-Dichloroethane	0.10	Not Detected
Trichloroethene	0.10	Not Detected
1,2-Dichloropropane	0.10	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected
Toluene	0.10	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected
Tetrachloroethene	0.10	Not Detected
Ethylene Dibromide	0.10	Not Detected
Chlorobenzene	0.10	Not Detected
Ethyl Benzene	0.10	Not Detected
m,p-Xylene	0.10	Not Detected
o-Xylene	0.10	Not Detected
Styrene	0.10	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected
Chlorotoluene	0.10	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected
1,2,4-Trichlorobenzene	0.10	Not Detected
Hexachlorobutadiene	0.10	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503102A-11B

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F032204 Date of Collection: NA
Dil. Factor: 1.0 Date of Analysis: 3/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA

Surrogates	% Recovery	Method Limits
Octafluorotoluene	100	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	95	70-130

AIR TOXICS LTD.

SAMPLE NAME: Installed SVP-10

ID#: 9503105C-01A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3031813	Date of Collection:	3/9/95
Dil. Factor:	1.6	Date of Analysis:	3/18/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.016	2.3
Nitrogen	0.016	90
Carbon Monoxide	0.002	Not Detected
Methane	0.002	2.6
Carbon Dioxide	0.002	5.2
Total Non-Methane Hydrocarbons*	0.016	Not Detected
Total (%)		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: New SVP-10

ID#: 9503105C-02A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3031814	Date of Collection:	3/9/95
Dil. Factor:	1.3	Date of Analysis:	3/18/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.013	1.2
Nitrogen	0.013	91
Carbon Monoxide	0.001	Not Detected
Methane	0.001	2.5
Carbon Dioxide	0.001	5.5
Total Non-Methane Hydrocarbons*	0.013	0.021
Total (%)		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: Equip. Blank
ID#: 9503105C-03A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3031815	Date of Collection:	3/9/95
Dil. Factor:	1.3	Date of Analysis:	3/18/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.013	22
Nitrogen	0.013	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	0.041
Total Non-Methane Hydrocarbons*	0.013	Not Detected
		Total (%) 100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: Ambient Blank

ID#: 9503105C-04A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3031816	Date of Collection:	3/9/95
Dil. Factor:	1.3	Date of Analysis:	3/18/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.013	22
Nitrogen	0.013	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	0.041
Total Non-Methane Hydrocarbons*	0.013	Not Detected
Total (%)		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503105C-05A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3031803	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/18/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.010	Not Detected
Nitrogen	0.010	100
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	Not Detected
Total Non-Methane Hydrocarbons*	0.010	Not Detected
Total (%)		100

*Referenced to Propane

Container Type: NA

AIR TOXICS LTD.

SAMPLE NAME: End of Barney White Rd.
ID#: 9503102B-01A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032103	Date of Collection:	3/9/95
Dil. Factor:	1.3	Date of Analysis:	3/21/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.013	22
Nitrogen	0.013	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	0.045
Total Non-Methane Hydrocarbons*	0.013	Not Detected
Total (%)		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: End of Barney White Rd.-DUP
ID#: 9503102B-02A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032104	Date of Collection:	3/9/95
Dil. Factor:	1.3	Date of Analysis:	3/21/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.013	22
Nitrogen	0.013	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	0.041
Total Non-Methane Hydrocarbons*	0.013	Not Detected
	Total (%)	100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: Saw Mill

ID#: 9503102B-03A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032105	Date of Collection:	3/9/95
Dil. Factor:	1.3	Date of Analysis:	3/21/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.013	22
Nitrogen	0.013	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	0.001
Carbon Dioxide	0.001	0.045
Total Non-Methane Hydrocarbons*	0.013	Not Detected
	Total (%)	100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: Apartment

ID#: 9503102B-04A

Atmospheric Gases by Modified ASTM D-3416
GC/TCD/FID

File Name:	3032115	Date of Collection:	3/9/95
Dil. Factor:	1.4	Date of Analysis:	3/21/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.014	21
Nitrogen	0.014	79
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	0.038
Total Non-Methane Hydrocarbons*	0.014	Not Detected
		Total (%)
		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: SVP-19

ID#: 9503102B-05A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032116	Date of Collection:	3/9/95
Dil. Factor:	1.4	Date of Analysis:	3/21/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.014	21
Nitrogen	0.014	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	0.67
Total Non-Methane Hydrocarbons*	0.014	Not Detected
Total (%)		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: L. Lowfal @ Matteson

ID#: 9503102B-06A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032117	Date of Collection:	3/9/95
Dil. Factor:	1.3	Date of Analysis:	3/21/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.013	22
Nitrogen	0.013	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	0.043
Total Non-Methane Hydrocarbons*	0.013	Not Detected
		Total (%)
		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: SV.45

ID#: 9503102B-07A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032118	Date of Collection:	3/9/95
Dil. Factor:	1.4	Date of Analysis:	3/21/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.014	22
Nitrogen	0.014	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	0.040
Total Non-Methane Hydrocarbons*	0.014	Not Detected
	Total (%)	100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: SV.36

ID#: 9503102B-08A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032119	Date of Collection:	3/9/95
Dil. Factor:	1.4	Date of Analysis:	3/21/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.014	17
Nitrogen	0.014	82
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	1.3
Total Non-Methane Hydrocarbons*	0.014	Not Detected
		Total (%)
		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: Equip. Blank

ID#: 9503102B-09A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032120	Date of Collection:	3/9/95
Dil. Factor:	1.4	Date of Analysis:	3/21/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.014	22
Nitrogen	0.014	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	0.039
Total Non-Methane Hydrocarbons*	0.014	Not Detected
	Total (%)	100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: Method Spike

ID#: 9503102B-10A

Atmospheric Gases by Modified ASTM D-3416
GC/TCD/FID

File Name:	3032101	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/21/95

Compound	Det. Limit (%)	% Recovery
Oxygen	0.010	102
Nitrogen	0.010	102
Carbon Monoxide	0.001	98
Methane	0.001	97
Carbon Dioxide	0.001	98
Total Non-Methane Hydrocarbons*	0.010	97

*Referenced to Propane

Container Type: NA

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503102B-11A

**Atmospheric Gases by Modified ASTM D-3416
GC/TCD/FID**

File Name:	3032102	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/21/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.010	Not Detected
Nitrogen	0.010	100
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	Not Detected
Total Non-Methane Hydrocarbons*	0.010	Not Detected
		Total (%)
		100

*Referenced to Propane

Container Type: NA



AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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

NS 000127

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Contact Person MIKE HIGGINS
 Company GOLDER ASSOCIATES INC.
 Address 4104 148th Ave NE City Redmond State WA Zip 98052
 Phone (206) 883-0777 FAX _____
 Collected By: Signature [Signature]

Project info:
 P.O. # _____
 Project # 933-1280
 Project Name NORSELAND

Turn Around Time:
 Normal
 Rush _____ Specify _____

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum	
				Initial	Final / Receipt
	NEW SVP-10	3-9-95/1930	SULFUR GASES Extended List		
01A	INSTALLED SVP-10	3-9-95/1815	TO-14 ION TRAP		4.0"Hg
02A	NEW SVP-10	2130			0.2psi
03A	EQUIP. BLANK	2100			0.4psi
04A	AMBIENT BLANK	2100			0"Hg
Note Custody Seal # matches this Chain of Custody # 003127					

Relinquished By: (Signature) [Signature] Date/Time 3-9-95/0900 Print Name GOLDER TOM STAPP ASSOC. INC
 Received By: (Signature) [Signature] Date/Time _____
 Relinquished By: (Signature) [Signature] Date/Time 3/10/95

Notes: This chain of custody applies to one Tedlar in one cooler. And 1/2 Summa canisters shipped in a different container. ~~3-10-95~~

Relinquished By: (Signature) _____ Date/Time _____
 Received By: (Signature) [Signature] Date/Time 3/10/95

Shipper Name ARCONET Air Bill # 6024427 Opened By: [Signature] Date/Time 3/10/95 1905 Ambient AMBIENT Custody Seals Intact? Yes No None N/A
 Temp. (°C) 67.00 Condition GOOD Work Order # 9503105

Lab Use Only: _____



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CHAIN-OF-CUSTODY RECORD

No: **003127**
Page 1 of 1

Contact Person <u>MIKE HIGGINS</u> Company <u>GOLDER ASSOCIATES INC.</u> Address <u>4104 148th Ave NE</u> City <u>Redmond</u> State <u>WA</u> Zip <u>98052</u> Phone <u>(206) 883-0777</u> FAX _____ Collected By: Signature <u>[Signature]</u>		Project info: P.O. # _____ Project # <u>933-1280</u> Project Name <u>NORRELAND</u>		Turn Around Time: <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Rush _____ Specify _____		
Analyses Requested <u>SULFUR GASES Extended List</u>		Canister Pressure / Vacuum Initial _____ Final _____ Receipt _____		Project info: P.O. # _____ Project # <u>933-1280</u> Project Name <u>NORRELAND</u>		
Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Canister Pressure / Vacuum Final	Canister Pressure / Vacuum Receipt
	NEW SVP-10	3-9-95/1930	SULFUR GASES Extended List			
01A	INSTALLED SVP-10	3-9-95/1815	TO-14 ION TRAP			40"Hg
02A	NEW SVP-10	2130				0.2psi
03A	EQUIP. BLANK	2100				0.4psi
04A	AMBIENT BLANK	2100				0"Hg
			Note Custody Seal # matches this Chain of Custody # 003127			
Relinquished By: (Signature) <u>[Signature]</u> Date/Time _____ Received By: (Signature) <u>TOM STAPP</u> Date/Time <u>3-9-95/0900</u> Print Name <u>GOLDER ASSOC. INC.</u>			Notes: This chain of custody applies to one Tedlar in one cooler. And 4 Summa canisters shipped in a different container. <u>3-10-95</u>			
Relinquished By: (Signature) <u>[Signature]</u> Date/Time _____ Received By: (Signature) <u>[Signature]</u> Date/Time <u>3-10-95</u>			Temp. (°C) _____ Condition <u>6000</u> Custody Seal Intact? <u>Yes</u> No None N/A			
Shipper Name <u>ATCONET</u> Air Bill # <u>024 427</u>		Opened By: <u>TBS</u> Date/Time <u>3/14/95 1905</u>		Work Order # <u>9503105A</u>		
Lab Use Only						



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

No 002661

CHAIN-OF-CUSTODY RECORD

Page ___ of ___

Contact Person <u>Douglas Moberl</u> Company <u>GOLDER ASSOCIATES</u> Address _____ City _____ State _____ Zip _____ Phone _____ FAX _____		Project info: P.O. # _____ Project # _____ Project Name _____		Turn Around Time: <input type="checkbox"/> Normal <input type="checkbox"/> Rush _____ Specify _____				
		Analyses Requested <u>TO14+TIC - ION TRAP</u>		Canister Pressure / Vacuum Initial Final Receipt				
Lab I.D.	Field Sample I.D.	Date & Time						
06MB	L. KANFAL @ MATTHESON	950309-11:15			0.5"Hg			
07A	SV. 45	950309-13:00			0.5"Hg			
08A	SV. 36	950309-12:40			0.5"Hg			
09A	SV. 10	950309-15:00			1.0"Hg			
	EQUIP BLANK	950309-15:30						
Notes: Collected By: <u>[Signature]</u> Relinquished By: (Signature) Date/Time <u>[Signature]</u> 950309 16:30 Relinquished By: (Signature) Date/Time <u>[Signature]</u> Relinquished By: (Signature) Date/Time <u>[Signature]</u> 3/10/95								
Shipper Name <u>Fed-X</u>		Air Bill # <u>920 9458 203</u>	Opened By: <u>[Signature]</u>	Date/Time <u>3/10/95 9:38</u>	Temp. (°C) <u>Ambient</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>	Work Order # <u>9503102A</u>
Lab Use , Only								

DATA MARCH 17, 1995 ODOR EVENT
ANALYTICAL DATA

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503173B-12B

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032709	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/27/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.10	Not Detected
Freon 114	0.10	Not Detected
Chloromethane	0.10	Not Detected
Vinyl Chloride	0.10	Not Detected
Bromomethane	0.10	Not Detected
Chloroethane	0.10	Not Detected
Freon 11	0.10	Not Detected
1,1-Dichloroethene	0.10	Not Detected
Freon 113	0.10	Not Detected
Methylene Chloride	0.10	Not Detected
1,1-Dichloroethane	0.10	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected
Chloroform	0.10	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected
Carbon Tetrachloride	0.10	Not Detected
Benzene	0.10	Not Detected
1,2-Dichloroethane	0.10	Not Detected
Trichloroethene	0.10	Not Detected
1,2-Dichloropropane	0.10	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected
Toluene	0.10	0.19
trans-1,3-Dichloropropene	0.10	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected
Tetrachloroethene	0.10	Not Detected
Ethylene Dibromide	0.10	Not Detected
Chlorobenzene	0.10	Not Detected
Ethyl Benzene	0.10	Not Detected
m,p-Xylene	0.10	Not Detected
o-Xylene	0.10	Not Detected
Styrene	0.10	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected
Chlorotoluene	0.10	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected
1,2,4-Trichlorobenzene	0.10	Not Detected
Hexachlorobutadiene	0.10	Not Detected

X10 = 1.9

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503173B-12B

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032709	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/27/95

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA

Surrogates	% Recovery	Method Limits
Octafluorotoluene	97	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503173B-12C

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F033007	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/30/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.10	Not Detected
Freon 114	0.10	Not Detected
Chloromethane	0.10	Not Detected
Vinyl Chloride	0.10	Not Detected
Bromomethane	0.10	Not Detected
Chloroethane	0.10	Not Detected
Freon 11	0.10	Not Detected
1,1-Dichloroethene	0.10	Not Detected
Freon 113	0.10	Not Detected
Methylene Chloride	0.10	Not Detected
1,1-Dichloroethane	0.10	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected
Chloroform	0.10	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected
Carbon Tetrachloride	0.10	Not Detected
Benzene	0.10	Not Detected
1,2-Dichloroethane	0.10	Not Detected
Trichloroethene	0.10	Not Detected
1,2-Dichloropropane	0.10	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected
Toluene	0.10	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected
Tetrachloroethene	0.10	Not Detected
Ethylene Dibromide	0.10	Not Detected
Chlorobenzene	0.10	Not Detected
Ethyl Benzene	0.10	Not Detected
m,p-Xylene	0.10	Not Detected
o-Xylene	0.10	Not Detected
Styrene	0.10	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected
Chlorotoluene	0.10	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected
1,2,4-Trichlorobenzene	0.10	Not Detected
Hexachlorobutadiene	0.10	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503173B-12C

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F033007	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/30/95

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA

Surrogates	% Recovery	Method Limits
Octafluorotoluene	98	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503173B-12D

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F033105	Date of Collection: NA
Dil. Factor:	1.0	Date of Analysis: 3/31/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.10	Not Detected
Freon 114	0.10	Not Detected
Chloromethane	0.10	Not Detected
Vinyl Chloride	0.10	Not Detected
Bromomethane	0.10	Not Detected
Chloroethane	0.10	Not Detected
Freon 11	0.10	Not Detected
1,1-Dichloroethene	0.10	Not Detected
Freon 113	0.10	Not Detected
Methylene Chloride	0.10	Not Detected
1,1-Dichloroethane	0.10	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected
Chloroform	0.10	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected
Carbon Tetrachloride	0.10	Not Detected
Benzene	0.10	Not Detected
1,2-Dichloroethane	0.10	Not Detected
Trichloroethene	0.10	Not Detected
1,2-Dichloropropane	0.10	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected
Toluene	0.10	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected
Tetrachloroethene	0.10	Not Detected
Ethylene Dibromide	0.10	Not Detected
Chlorobenzene	0.10	Not Detected
Ethyl Benzene	0.10	Not Detected
m,p-Xylene	0.10	Not Detected
o-Xylene	0.10	Not Detected
Styrene	0.10	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected
Chlorotoluene	0.10	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected
1,2,4-Trichlorobenzene	0.10	Not Detected
Hexachlorobutadiene	0.10	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503173B-12D

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F033105	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/31/95

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA

Surrogates	% Recovery	Method Limits
Octafluorotoluene	97	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

SAMPLE NAME: Norse

ID#: 9503173C-01A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032507	Date of Collection:	3/17/95
Dil. Factor:	1.4	Date of Analysis:	3/25/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.014	22
Nitrogen	0.014	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	0.040
Total Non-Methane Hydrocarbons*	0.014	Not Detected
Total (%)		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: Constance Rd.

ID#: 9503173C-02A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032508	Date of Collection:	3/17/95
Dil. Factor:	1.3	Date of Analysis:	3/25/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.013	22
Nitrogen	0.013	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	0.002
Carbon Dioxide	0.001	0.053
Total Non-Methane Hydrocarbons*	0.013	Not Detected
Total (%)		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: Constance Rd. Duplicate
ID#: 9503173C-03A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032509	Date of Collection:	3/17/95
Dil. Factor:	1.3	Date of Analysis:	3/25/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.013	23
Nitrogen	0.013	77
Carbon Monoxide	0.001	Not Detected
Methane	0.001	0.002
Carbon Dioxide	0.001	0.048
Total Non-Methane Hydrocarbons*	0.013	Not Detected
Total (%)		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: Saw Mill Rd.

ID#: 9503173C-04A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032510	Date of Collection:	3/17/95
Dil. Factor:	1.3	Date of Analysis:	3/25/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.013	22
Nitrogen	0.013	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	0.001
Carbon Dioxide	0.001	0.046
Total Non-Methane Hydrocarbons*	0.013	Not Detected
Total (%)		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: AA-3

ID#: 9503173C-05A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032511	Date of Collection:	3/17/95
Dil. Factor:	1.3	Date of Analysis:	3/25/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.013	22
Nitrogen	0.013	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	0.047
Total Non-Methane Hydrocarbons*	0.013	Not Detected
		Total (%) 100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: SVP-10-NEW
ID#: 9503173C-06A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032512	Date of Collection:	3/17/95
Dil. Factor:	1.4	Date of Analysis:	3/25/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.014	1.3
Nitrogen	0.014	93
Carbon Monoxide	0.001	Not Detected
Methane	0.001	2.0
Carbon Dioxide	0.001	3.5
Total Non-Methane Hydrocarbons*	0.014	0.020
		Total (%)
		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: SVP-10-NEW

ID#: 9503173C-06B

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032705	Date of Collection:	3/17/95
Dil. Factor:	1.4	Date of Analysis:	3/27/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.014	1.3
Nitrogen	0.014	93
Carbon Monoxide	0.001	Not Detected
Methane	0.001	2.0
Carbon Dioxide	0.001	3.5
Total Non-Methane Hydrocarbons*	0.014	0.018
Total (%)		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: SVP-36

ID#: 9503173C-07A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032513	Date of Collection:	3/17/95
Dil. Factor:	1.4	Date of Analysis:	3/25/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.014	15
Nitrogen	0.014	83
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	2.1
Total Non-Methane Hydrocarbons*	0.014	Not Detected
Total (%)		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: SVP-19

ID#: 9503173C-08A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032514	Date of Collection:	3/17/95
Dil. Factor:	1.4	Date of Analysis:	3/25/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.014	21
Nitrogen	0.014	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	0.69
Total Non-Methane Hydrocarbons*	0.014	Not Detected
Total (%)		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: Equipment Blank
ID#: 9503173C-09A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032703	Date of Collection:	3/17/95
Dil. Factor:	1.4	Date of Analysis:	3/27/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.014	22
Nitrogen	0.014	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	0.042
Total Non-Methane Hydrocarbons*	0.014	Not Detected
Total (%)		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: Field Blank

ID#: 9503173C-10A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032704	Date of Collection:	3/17/95
Dil. Factor:	1.4	Date of Analysis:	3/27/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.014	22
Nitrogen	0.014	78
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	0.056
Total Non-Methane Hydrocarbons*	0.014	Not Detected
Total (%)		100

*Referenced to Propane

Container Type: 6 Liter SUMMA Canister

AIR TOXICS LTD.

SAMPLE NAME: Method Spike

ID#: 9503173C-11A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032502	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/25/95

Compound	Det. Limit (%)	% Recovery
Oxygen	0.010	88
Nitrogen	0.010	88
Carbon Monoxide	0.001	101
Methane	0.001	100
Carbon Dioxide	0.001	101
Total Non-Methane Hydrocarbons*	0.010	112

*Referenced to Propane

Container Type: NA

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503173C-12A

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032505	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/25/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.010	Not Detected
Nitrogen	0.010	100
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	Not Detected
Total Non-Methane Hydrocarbons*	0.010	Not Detected
Total (%)		100

*Referenced to Propane

Container Type: NA

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503173C-12B

Atmospheric Gases by Modified ASTM D-3416 GC/TCD/FID

File Name:	3032702	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/27/95

Compound	Det. Limit (%)	Amount (%)
Oxygen	0.010	Not Detected
Nitrogen	0.010	100
Carbon Monoxide	0.001	Not Detected
Methane	0.001	Not Detected
Carbon Dioxide	0.001	Not Detected
Total Non-Methane Hydrocarbons*	0.010	Not Detected
Total (%)		100

*Referenced to Propane

Container Type: NA



AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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

NO 001250

CHAIN-OF-CUSTODY RECORD

Page ___ of ___

Contact Person <u>Mike Higgins</u> Company <u>GOLDER ASSOC. INC</u> Address <u>4104 148th Ave NE</u> City <u>Redmond</u> State <u>WA</u> Zip <u>98052</u> Phone <u>(206) 883-0777</u> FAX _____		Project info: P.O. # _____ Project # _____ Project Name _____		Turn Around Time: <input type="checkbox"/> Normal <input type="checkbox"/> Rush _____ Specify _____		
Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Canister Pressure / Vacuum Final	Receipt
01A	NORSE	3-17-95	SULFIDES (Full List)			
02A	CONSTANCE Rd.					
03A	CONSTANCE Rd. DUPLICATE					
04A	Saw Mill Rd.					
05A	AA-3					
06A/B	SVP-10-NEW					
07A	SVP-36					
08A	SVP-19					
Notes: Collected By: <u>Tom Stapp</u> Signature _____ Relinquished By: <u>Tom Stapp</u> Date/Time <u>3/17/1855</u> Relinquished By: _____ Date/Time _____ Relinquished By: _____ Date/Time _____ Relinquished By: _____ Date/Time _____						
Shipper Name <u>AGIONET</u> Air Bill # <u>648363</u>		Opened By: <u>TAS</u> Date/Time <u>2/18/95</u>	Condition <u>GOOD</u>	Custody Seals Intact? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Work Order # <u>9503173A</u>	
Lab Use Only		Temp. (°C) <u>21.8/95</u> Air Number <u>ARZ 0650</u>				



AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX: (916) 985-1020
No 001251

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Contact Person Mike Higgins
 Company GOLDER ASSOC. INC.
 Address 41404 148th City Redmond State WA Zip 98052
 Phone (206) 883 0777 FAX _____

Project info:
 P.O. # _____
 Project # _____
 Project Name _____

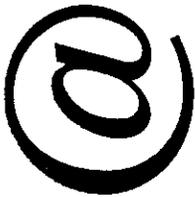
Turn Around Time:
 Normal
 Rush Specify TRF.

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum
				Initial Final Receipt
01A	NORSE	3-17-95 / 1010	TO-14, Ton Trap, + TICS / Fixed Gas	0.5" Hg
02A	CONSTANCE Rd.	0838	[Handwritten wavy lines]	0.2 ps.
03A	CONSTANCE Rd. DUPLICATE	0840		0.2 ps.
04A	Saw Mill Rd.	0920		0.2 ps.
05A/B	AA-3	0955		0.4 Hg
06A	SVP-10-NEW	1343		0.5" Hg
07A	SVP-36	1415		0.5" Hg
08A	SVP-19	1310		0.5" Hg
09A	EQUIPMENT BLANK	3-17-95 1610		1.0" Hg
10A	FIELD BLANK	3-17-95 1610		0.5" Hg

Notes:
~~Byray United Flight # 1152~~
 ALASKA
 FL# 414

Collected By: Print TOM STAPP Signature [Signature]
 Relinquished By: (Signature) [Signature] Date/Time 3-17-1835
 Relinquished By: (Signature) [Signature] Date/Time _____
 Relinquished By: (Signature) [Signature] Date/Time _____
 Relinquished By: (Signature) [Signature] Date/Time _____

Shipper Name AERONET Air/Bill # 648363 Opened By: TRF Date/Time 3/18/95 Temp. (°C) AMV. 31.5/95 Condition GOOD Custody Seals Intact? Yes No (None)
 Lab Use Only
 Work Order # 9503173



AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

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

No: 002662

CHAIN-OF-CUSTODY RECORD

Page ___ of ___

Contact Person: <u>Douglas Morell</u> Company: <u>ESLDER ASSOCIATES</u> Address: <u>4104 W. K. NE NE</u> City: <u>Diamond</u> State: <u>CA</u> Zip: <u>94502</u> Phone: <u>206/883-0777</u> FAX: _____		Project info: P.O. #: _____ Project #: _____ Project Name: _____		Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush _____ Specify _____	
Analyses Requested <u>TO14 + TK ION TRAP</u>		Canister Pressure / Vacuum Initial Final Receipt		TDS.	
Lab I.D.	Field Sample I.D.	Date & Time	Canister Pressure / Vacuum		Receipt
01A	END OF BARNLEY WHITE RD	950309 - 09:16			0.0" Hg
02A	END OF BARNLEY WHITE RD - DUP	"			0.0" Hg
03A	SAWMILL	950309 - 10:10			0.0" Hg
04A	APARTMENT	950309 - 11:11			0.5" Hg
05A	SVP-19*	950309 - 15:45			0.5" Hg
Notes:					
Collected By: <u>Print</u> <u>Michael Higgins</u> Signature: <u>[Signature]</u> Relinquished By: (Signature) Date/Time Received By: (Signature) Date/Time <u>[Signature]</u> 950309 16:30 <u>[Signature]</u> Relinquished By: (Signature) Date/Time Received By: (Signature) Date/Time <u>[Signature]</u> <u>[Signature]</u>					
Relinquished By: (Signature) Date/Time Received By: (Signature) Date/Time <u>[Signature]</u> <u>[Signature]</u>					
Shipper Name: <u>Fed-X</u> Air Bill #: <u>4109475880</u> Opened By: <u>[Signature]</u> Date/Time: <u>3/10/45</u> <u>9/10/45 9:42</u>					
Temp. (°C): <u>Ambient</u> Condition: <u>Good</u> Custody Seals Intact? Yes No (None) <u>9503102A</u> <u>Work Order #</u>					
Lab Use Only: <u>Added to chain at ATL by Qin per request of Mike Higgins as Golden Asses test</u>					



AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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

Nº 002662

CHAIN-OF-CUSTODY RECORD

Page ___ of ___

Contact Person: <u>Douglas Morell</u> Company: <u>FOULDER ASSOCIATES</u> Address: <u>4104 148th Ave NE</u> City: <u>REDMOND</u> State: <u>WA</u> Zip: <u>98052</u> Phone: <u>206/883-0777</u> FAX: _____		Project info: P.O. # _____ Project # _____ Project Name _____ Specify _____		Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush _____ Specify _____				
Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum	Receipt			
O1A	END OF BARNY WHITE RD	950309-0916	TO14+TR ION-TRAP	Initial	Final			
O2A	END OF BARNY WHITE RD - DUP	" "			0.0"Hg			
O3A	SAWMILL	950309-10:10			0.0"Hg			
O4A	APARTMENT	950309-11:11			0.5"Hg			
O5A	SVP-19*	950309-15:45			0.5"Hg			
Notes: Collected By: Pimp <u>Michael Higgins</u> Signature: <u>[Signature]</u> Relinquished By: <u>[Signature]</u> Date/Time: <u>3/10/05</u> Relinquished By: <u>[Signature]</u> Date/Time: <u>50309 16:30</u> Relinquished By: <u>[Signature]</u> Date/Time: <u>950309 16:30</u> Relinquished By: <u>[Signature]</u> Date/Time: <u>3/10/05</u> Relinquished By: <u>[Signature]</u> Date/Time: <u>3/10/05</u>								
Lab Use Only	Shipper Name	Air Bill #	Opened By:	Date/Time	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed-X	4109425880	Chris Miller	3/10/05 9:42	Ambient	Good	Yes No	9503102B
	*Added to chain at ATL by Ann per request of Mike Higgins at Foulder Associates							



REPORT OF LABORATORY ANALYSIS

Golder Associates
 4104 148TH Avenue NE
 Redmond, WA 98052

Client Account Number: 17816
 Service Order #: 0000-4555
 PACE Project ID: D50321.301

Attn:
 Re: 933-1280 / NORSELAND

Report Date : April 4, 1995

Laboratory Sample #	Client Sample #	Det. Lim.	Volume/Time			Air Concentration	
			Unit	Main	Backup	Total	ppm
65-537111.4 AA-3							
Formaldehyde		1	ug	LT 1	LT 1	LT 1	
Acetaldehyde		1	ug	LT 1	LT 1	LT 1	
Acrolein		1	ug	LT 1	LT 1	LT 1	
65-537108.1 CONSTANCE Rd.							
Formaldehyde		1	ug	LT 1	LT 1	LT 1	
Acetaldehyde		1	ug	LT 1	LT 1	LT 1	
Acrolein		1	ug	LT 1	LT 1	LT 1	
65-537109.4 CONSTANCE Rd. Dup							
Formaldehyde		1	ug	LT 1	LT 1	LT 1	
Acetaldehyde		1	ug	LT 1	LT 1	LT 1	
Acrolein		1	ug	LT 1	LT 1	LT 1	
65-537110.1 NORSE OFFICE							
Formaldehyde		1	ug	LT 1	LT 1	LT 1	
Acetaldehyde		1	ug	LT 1	LT 1	LT 1	
Acrolein		1	ug	LT 1	LT 1	LT 1	
65-537112.7 SAW MILL Rd.							
Formaldehyde		1	ug	LT 1	LT 1	LT 1	
Acetaldehyde		1	ug	LT 1	LT 1	LT 1	
Acrolein		1	ug	LT 1	LT 1	LT 1	
65-537114.3 SVP-10-NEW							
Formaldehyde		1	ug	LT 1	LT 1	LT 1	
Acetaldehyde		1	ug	LT 1	LT 1	LT 1	
Acrolein		1	ug	LT 1	LT 1	LT 1	
65-537113.0 SVP-19							
Formaldehyde		1	ug	LT 1	LT 1	LT 1	



REPORT OF LABORATORY ANALYSIS

Golder Associates
4104 148TH Avenue NE
Redmond, WA 98052

Client Account Number: 17816
Service Order #: 0000-4555
PACE Project ID: D50321.301

Attn:
Re: 933-1280 / NORSELAND

Report Date : April 4, 1995

<u>Laboratory</u>	<u>Client</u>		<u>Volume/Time</u>			<u>Air Concentration</u>		
<u>Sample #</u>	<u>Sample #</u>		<u>Unit</u>	<u>Main</u>	<u>Backup</u>	<u>Total</u>	<u>ppm</u>	<u>mg/M3</u>
<u>Analyte</u>		<u>Det.Lim.</u>						
65-537113.0	SVP-19							
Acetaldehyde		1	ug	LT 1	LT 1	LT 1		
Acrolein		1	ug	LT 1	LT 1	LT 1		
65-537115.6	SVP-36							
Formaldehyde		1	ug	LT 1	LT 1	LT 1		
Acetaldehyde		1	ug	LT 1	LT 1	LT 1		
Acrolein		1	ug	LT 1	LT 1	LT 1		



REPORT OF LABORATORY ANALYSIS

Golder Associates
 4104 148TH Avenue NE
 Redmond, WA 98052

Client Account Number: 17816
 Service Order #: 0000-4556
 PACE Project ID: D50321.302

Attn:
 Re: 933-1280 / NORSELAND

Report Date : April 6, 1995

Laboratory Sample #	Client Sample #	Det.Lim.	Volume/Time			Air Concentration	
			Unit	Main	Backup	Total	ppm
65-537119.8 AA-3							
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3	
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2	
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6	
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
65-537116.9 CONSTANCE Rd.							
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3	
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2	
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6	
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
65-537117.2 CONSTANCE Rd. Dup							
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3	
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2	
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6	
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
65-537118.5 NORSE OFFICE							
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	



REPORT OF LABORATORY ANALYSIS

Golder Associates
 4104 148TH Avenue NE
 Redmond, WA 98052

Client Account Number: 17816
 Service Order #: 0000-4556
 PACE Project ID: D50321.302

Attn:
 Re: 933-1280 / NORSELAND

Report Date : April 6, 1995

Laboratory Sample #	Client Sample #	Det.Lim.	Volume/Time Unit	Main	Backup	Total	Air Concentration ppm	mg/M3
65-537118.5 NORSE OFFICE								
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3		
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2		
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6		
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
65-537120.5 SAW MILL Rd.								
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3		
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2		
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6		
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
65-537122.1 SVP-10-NEW								
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3		
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2		
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6		
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
65-537121.8 SVP-19								
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1		



REPORT OF LABORATORY ANALYSIS

Golder Associates
 4104 148TH Avenue NE
 Redmond, WA 98052

Client Account Number: 17816
 Service Order #: 0000-4556
 PACE Project ID: D50321.302

Attn:
 Re: 933-1280 / NORSELAND

Report Date : April 6, 1995

Laboratory Sample #	Client Sample #	Det.Lim.	Volume/Time			Air Concentration	
			Unit	Main	Backup	Total	ppm
65-537121.8 SVP-19							
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3	
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2	
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6	
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
65-537123.4 SVP-36							
Methylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Ethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Dimethylamine		0.3	mg	LT 0.3	LT 0.3	LT 0.3	
Isopropylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Butylamine		0.2	mg	LT 0.2	LT 0.2	LT 0.2	
Diethylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	
Triethylamine		0.6	mg	LT 0.6	LT 0.6	LT 0.6	
Cyclohexylamine		0.1	mg	LT 0.1	LT 0.1	LT 0.1	

AIR TOXICS LTD.

SAMPLE NAME: Norse

ID#: 9503173A-01A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	20318003	Date of Collection:	3/17/95
Dil. Factor:	1.0	Date of Analysis:	3/18/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Constance Rd.
ID#: 9503173A-02A

Sulfur Gases by GC/FPD
EPA Method 15/16

File Name:	20318004	Date of Collection:	3/17/95
Dil. Factor:	1.0	Date of Analysis:	3/18/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Constance Rd. Duplicate
ID#: 9503173A-03A

Sulfur Gases by GC/FPD
EPA Method 15/16

File Name:	20318005	Date of Collection:	3/17/95
Dil. Factor:	1.0	Date of Analysis:	3/18/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Saw Mill Rd.

ID#: 9503173A-04A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	20318006	Date of Collection:	3/17/95
Dil. Factor:	1.0	Date of Analysis:	3/18/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: AA-3

ID#: 9503173A-05A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	20318007	Date of Collection:	3/17/95
Dil. Factor:	1.0	Date of Analysis:	3/18/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SVP-10-NEW

ID#: 9503173A-06A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	20318008	Date of Collection:	3/17/95
Dil. Factor:	1.0	Date of Analysis:	3/18/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SVP-10-NEW Duplicate
ID#: 9503173A-06B

Sulfur Gases by GC/FPD
EPA Method 15/16

File Name:	20318011	Date of Collection:	3/17/95
Dil. Factor:	1.0	Date of Analysis:	3/18/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SVP-36

ID#: 9503173A-07A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	20318009	Date of Collection:	3/17/95
Dil. Factor:	1.0	Date of Analysis:	3/18/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SVP-19

ID#: 9503173A-08A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	20318010	Date of Collection:	3/17/95
Dil. Factor:	1.0	Date of Analysis:	3/18/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Method Spike
ID#: 9503173A-09A

Sulfur Gases by GC/FPD
EPA Method 15/16

File Name: 20317002/20317003/20317006 **Date of Collection:** NA
Dil. Factor: 1.0 **Date of Analysis:** 3/17/95

Compound	Det. Limit (ppmv)	% Recovery
Hydrogen Sulfide	0.050	79*
Carbonyl Sulfide	0.050	108
Methyl Mercaptan	0.050	83
Dimethyl Sulfide	0.050	86
Carbon Disulfide	0.050	82
Dimethyl Disulfide	0.050	89
Ethyl Mercaptan	0.050	78
Isopropylmercaptan	0.050	70
tert-Butyl Mercaptan	0.050	77
n-Propylmercaptan	0.050	74
Ethyl Methyl Sulfide	0.050	75
Thiophene	0.050	86
Isobutyl Mercaptan	0.050	71
Diethyl Sulfide	0.050	82
n-Butylmercaptan	0.050	68 Q
3-Methylthiophene	0.050	80
Tetrahydrothiophene	0.050	79
2-Ethylthiophene	0.050	76
2,5-Dimethylthiophene	0.050	72
Diethyl Disulfide	0.050	72

Q = Exceeds Quality Control limits of 70% to 130%.

*From file 20318001. Date of analysis: 3/18/95.

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503173A-10A

Sulfur Gases by GC/FPD

EPA Method 15/16

File Name:	20318002	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/18/95

Compound	Det. Limit (ppmv)	Amount (ppmv)
Hydrogen Sulfide	0.050	Not Detected
Carbonyl Sulfide	0.050	Not Detected
Methyl Mercaptan	0.050	Not Detected
Dimethyl Sulfide	0.050	Not Detected
Carbon Disulfide	0.050	Not Detected
Dimethyl Disulfide	0.050	Not Detected
Ethyl Mercaptan	0.050	Not Detected
Isopropylmercaptan	0.050	Not Detected
tert-Butyl Mercaptan	0.050	Not Detected
n-Propylmercaptan	0.050	Not Detected
Ethyl Methyl Sulfide	0.050	Not Detected
Thiophene	0.050	Not Detected
Isobutyl Mercaptan	0.050	Not Detected
Diethyl Sulfide	0.050	Not Detected
n-Butylmercaptan	0.050	Not Detected
3-Methylthiophene	0.050	Not Detected
Tetrahydrothiophene	0.050	Not Detected
2-Ethylthiophene	0.050	Not Detected
2,5-Dimethylthiophene	0.050	Not Detected
Diethyl Disulfide	0.050	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Norse

ID#: 9503173B-01A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032710	Date of Collection:	3/17/95
Dil. Factor:	2.7	Date of Analysis:	3/27/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.27	1.3
Freon 114	0.27	Not Detected
Chloromethane	0.27	0.73
Vinyl Chloride	0.27	Not Detected
Bromomethane	0.27	Not Detected
Chloroethane	0.27	Not Detected
Freon 11	0.27	0.33
1,1-Dichloroethene	0.27	Not Detected
Freon 113	0.27	Not Detected
Methylene Chloride	0.27	Not Detected
1,1-Dichloroethane	0.27	Not Detected
cis-1,2-Dichloroethene	0.27	Not Detected
Chloroform	0.27	Not Detected
1,1,1-Trichloroethane	0.27	Not Detected
Carbon Tetrachloride	0.27	Not Detected
Benzene	0.27	0.61
1,2-Dichloroethane	0.27	Not Detected
Trichloroethene	0.27	Not Detected
1,2-Dichloropropane	0.27	Not Detected
cis-1,3-Dichloropropene	0.27	Not Detected
Toluene	0.27	1.98
trans-1,3-Dichloropropene	0.27	Not Detected
1,1,2-Trichloroethane	0.27	Not Detected
Tetrachloroethene	0.27	Not Detected
Ethylene Dibromide	0.27	Not Detected
Chlorobenzene	0.27	Not Detected
Ethyl Benzene	0.27	Not Detected
m,p-Xylene	0.27	0.61
o-Xylene	0.27	Not Detected
Styrene	0.27	Not Detected
1,1,2,2-Tetrachloroethane	0.27	Not Detected
1,3,5-Trimethylbenzene	0.27	Not Detected
1,2,4-Trimethylbenzene	0.27	0.39
1,3-Dichlorobenzene	0.27	Not Detected
1,4-Dichlorobenzene	0.27	Not Detected
Chlorotoluene	0.27	Not Detected
1,2-Dichlorobenzene	0.27	Not Detected
1,2,4-Trichlorobenzene	0.27	0.37
Hexachlorobutadiene	0.27	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Norse

ID#: 9503173B-01A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032710	Date of Collection: 3/17/95
Dil. Factor:	2.7	Date of Analysis: 3/27/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Hydrocarbon	NA	NA	6.4	Q JN ↓
Unknown Hydrocarbon	NA	NA	8.8	
4-Pentenal	2100-17-6	80 %	23	
Unknown Tetramethylbenzene	NA	NA	10	
Unknown Branched Hydrocarbon	NA	NA	7.9	
Unknown Cyclic Hydrocarbon	NA	NA	12	
Unknown Benzene	NA	NA	16	
Unknown Hydrocarbon	NA	NA	8.8	
Unknown Hydrocarbon	NA	NA	9.7	
Unknown Branched Hydrocarbon	NA	NA	33	

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	96	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	112	70-130

AIR TOXICS LTD.

SAMPLE NAME: Constance Rd.

ID#: 9503173B-02A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032508	Date of Collection:	3/17/95
Dil. Factor:	20	Date of Analysis:	3/25/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	2.0	Not Detected
Freon 114	2.0	Not Detected
Chloromethane	2.0	Not Detected
Vinyl Chloride	2.0	Not Detected
Bromomethane	2.0	Not Detected
Chloroethane	2.0	Not Detected
Freon 11	2.0	Not Detected
1,1-Dichloroethene	2.0	Not Detected
Freon 113	2.0	Not Detected
Methylene Chloride	2.0	Not Detected
1,1-Dichloroethane	2.0	Not Detected
cis-1,2-Dichloroethene	2.0	Not Detected
Chloroform	2.0	Not Detected
1,1,1-Trichloroethane	2.0	Not Detected
Carbon Tetrachloride	2.0	Not Detected
Benzene	2.0	Not Detected
1,2-Dichloroethane	2.0	Not Detected
Trichloroethene	2.0	Not Detected
1,2-Dichloropropane	2.0	Not Detected
cis-1,3-Dichloropropene	2.0	Not Detected
Toluene	2.0	2.4
trans-1,3-Dichloropropene	2.0	Not Detected
1,1,2-Trichloroethane	2.0	Not Detected
Tetrachloroethene	2.0	Not Detected
Ethylene Dibromide	2.0	Not Detected
Chlorobenzene	2.0	Not Detected
Ethyl Benzene	2.0	Not Detected
m,p-Xylene	2.0	Not Detected
o-Xylene	2.0	Not Detected
Styrene	2.0	Not Detected
1,1,2,2-Tetrachloroethane	2.0	Not Detected
1,3,5-Trimethylbenzene	2.0	Not Detected
1,2,4-Trimethylbenzene	2.0	Not Detected
1,3-Dichlorobenzene	2.0	Not Detected
1,4-Dichlorobenzene	2.0	Not Detected
Chlorotoluene	2.0	Not Detected
1,2-Dichlorobenzene	2.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected
Hexachlorobutadiene	2.0	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Constance Rd.

ID#: 9503173B-02A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032508	Date of Collection:	3/17/95
Dil. Factor:	20	Date of Analysis:	3/25/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Hydrocarbon	NA	NA	28	Ⓟ JN

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	104	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	105	70-130

AIR TOXICS LTD.

SAMPLE NAME: Constance Rd. Duplicate

ID#: 9503173B-03A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032711	Date of Collection:	3/17/95
Dil. Factor:	2.6	Date of Analysis:	3/27/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.26	0.98
Freon 114	0.26	Not Detected
Chloromethane	0.26	Not Detected
Vinyl Chloride	0.26	Not Detected
Bromomethane	0.26	Not Detected
Chloroethane	0.26	Not Detected
Freon 11	0.26	0.48
1,1-Dichloroethene	0.26	Not Detected
Freon 113	0.26	Not Detected
Methylene Chloride	0.26	Not Detected
1,1-Dichloroethane	0.26	Not Detected
cis-1,2-Dichloroethene	0.26	Not Detected
Chloroform	0.26	Not Detected
1,1,1-Trichloroethane	0.26	Not Detected
Carbon Tetrachloride	0.26	Not Detected
Benzene	0.26	0.74
1,2-Dichloroethane	0.26	Not Detected
Trichloroethene	0.26	Not Detected
1,2-Dichloropropane	0.26	Not Detected
cis-1,3-Dichloropropene	0.26	Not Detected
Toluene	0.26	2.5 B
trans-1,3-Dichloropropene	0.26	Not Detected
1,1,2-Trichloroethane	0.26	Not Detected
Tetrachloroethene	0.26	Not Detected
Ethylene Dibromide	0.26	Not Detected
Chlorobenzene	0.26	Not Detected
Ethyl Benzene	0.26	0.42
m,p-Xylene	0.26	1.2
o-Xylene	0.26	0.43
Styrene	0.26	Not Detected
1,1,2,2-Tetrachloroethane	0.26	Not Detected
1,3,5-Trimethylbenzene	0.26	Not Detected
1,2,4-Trimethylbenzene	0.26	0.41
1,3-Dichlorobenzene	0.26	Not Detected
1,4-Dichlorobenzene	0.26	Not Detected
Chlorotoluene	0.26	Not Detected
1,2-Dichlorobenzene	0.26	Not Detected
1,2,4-Trichlorobenzene	0.26	Not Detected
Hexachlorobutadiene	0.26	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Constance Rd. Duplicate
 ID#: 9503173B-03A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032711	Date of Collection:	3/17/95
Dil. Factor:	2.6	Date of Analysis:	3/27/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Hydrocarbon	NA	NA	6.8	JN ↓
Unknown Hydrocarbon	NA	NA	5.8	
Unknown Hydrocarbon	NA	NA	7.8	
Unknown Hydrocarbon	NA	NA	7.0	
Unknown Hydrocarbon	NA	NA	6.0	
4-Pentenal	2100-17-6	Manual ID	47	
Unknown Hydrocarbon	NA	NA	8.7	
Unknown Hydrocarbon	NA	NA	6.5	
Unknown Branched Hydrocarbon	NA	NA	84	
Unknown Hydrocarbon	NA	NA	13	

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	95	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	109	70-130

AIR TOXICS LTD.

SAMPLE NAME: Saw Mill Rd.

ID#: 9503173B-04A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032712	Date of Collection:	3/17/95
Dil. Factor:	2.6	Date of Analysis:	3/27/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.26	0.77
Freon 114	0.26	Not Detected
Chloromethane	0.26	Not Detected
Vinyl Chloride	0.26	Not Detected
Bromomethane	0.26	Not Detected
Chloroethane	0.26	Not Detected
Freon 11	0.26	0.39
1,1-Dichloroethane	0.26	Not Detected
Freon 113	0.26	Not Detected
Methylene Chloride	0.26	Not Detected
1,1-Dichloroethane	0.26	Not Detected
cis-1,2-Dichloroethane	0.26	Not Detected
Chloroform	0.26	Not Detected
1,1,1-Trichloroethane	0.26	Not Detected
Carbon Tetrachloride	0.26	Not Detected
Benzene	0.26	0.78
1,2-Dichloroethane	0.26	Not Detected
Trichloroethene	0.26	Not Detected
1,2-Dichloropropane	0.26	Not Detected
cis-1,3-Dichloropropene	0.26	Not Detected
Toluene	0.26	1.78
trans-1,3-Dichloropropene	0.26	Not Detected
1,1,2-Trichloroethane	0.26	Not Detected
Tetrachloroethene	0.26	Not Detected
Ethylene Dibromide	0.26	Not Detected
Chlorobenzene	0.26	Not Detected
Ethyl Benzene	0.26	0.29
m,p-Xylene	0.26	0.84
o-Xylene	0.26	0.32
Styrene	0.26	Not Detected
1,1,2,2-Tetrachloroethane	0.26	Not Detected
1,3,5-Trimethylbenzene	0.26	Not Detected
1,2,4-Trimethylbenzene	0.26	0.32
1,3-Dichlorobenzene	0.26	Not Detected
1,4-Dichlorobenzene	0.26	Not Detected
Chlorotoluene	0.26	Not Detected
1,2-Dichlorobenzene	0.26	Not Detected
1,2,4-Trichlorobenzene	0.26	Not Detected
Hexachlorobutadiene	0.26	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Saw Mill Rd.

ID#: 9503173B-04A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032712	Date of Collection:	3/17/95
Dil. Factor:	2.6	Date of Analysis:	3/27/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Oxygenated Hydrocarbon	NA	NA	8.8	Q JN ↓
Unknown Hydrocarbon	NA	NA	5.3	
Unknown Oxygenated Hydrocarbon	NA	NA	10	
Unknown Alkane	NA	NA	24	
Unknown Oxygenated Hydrocarbon	NA	NA	16	
Unknown Oxygenated Hydrocarbon	NA	NA	8.4	
Unknown Hydrocarbon	NA	NA	7.1	
Unknown Alkane	NA	NA	21	
Unknown Hydrocarbon	NA	NA	24	
Unknown Hydrocarbon	NA	NA	18	

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	110	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	108	70-130

AIR TOXICS LTD.

SAMPLE NAME: AA-3

ID#: 9503173B-05A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032713	Date of Collection:	3/17/95
Dil. Factor:	2.7	Date of Analysis:	3/27/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.27	0.75
Freon 114	0.27	Not Detected
Chloromethane	0.27	0.76
Vinyl Chloride	0.27	Not Detected
Bromomethane	0.27	Not Detected
Chloroethane	0.27	Not Detected
Freon 11	0.27	0.37
1,1-Dichloroethene	0.27	Not Detected
Freon 113	0.27	Not Detected
Methylene Chloride	0.27	Not Detected
1,1-Dichloroethane	0.27	Not Detected
cis-1,2-Dichloroethene	0.27	Not Detected
Chloroform	0.27	Not Detected
1,1,1-Trichloroethane	0.27	Not Detected
Carbon Tetrachloride	0.27	Not Detected
Benzene	0.27	0.62
1,2-Dichloroethane	0.27	Not Detected
Trichloroethene	0.27	Not Detected
1,2-Dichloropropane	0.27	Not Detected
cis-1,3-Dichloropropene	0.27	Not Detected
Toluene	0.27	2.9 B
trans-1,3-Dichloropropene	0.27	Not Detected
1,1,2-Trichloroethane	0.27	Not Detected
Tetrachloroethene	0.27	0.38
Ethylene Dibromide	0.27	Not Detected
Chlorobenzene	0.27	Not Detected
Ethyl Benzene	0.27	0.27
m,p-Xylene	0.27	0.96
o-Xylene	0.27	0.29
Styrene	0.27	Not Detected
1,1,2,2-Tetrachloroethane	0.27	Not Detected
1,3,5-Trimethylbenzene	0.27	Not Detected
1,2,4-Trimethylbenzene	0.27	Not Detected
1,3-Dichlorobenzene	0.27	Not Detected
1,4-Dichlorobenzene	0.27	Not Detected
Chlorotoluene	0.27	Not Detected
1,2-Dichlorobenzene	0.27	Not Detected
1,2,4-Trichlorobenzene	0.27	Not Detected
Hexachlorobutadiene	0.27	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: AA-3

ID#: 9503173B-05A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032713	Date of Collection:	3/17/95
Dil. Factor:	2.7	Date of Analysis:	3/27/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Oxygenated Hydrocarbon	NA	NA	8.6	JN ↓
Unknown Oxygenated Hydrocarbon	NA	NA	4.7	
Unknown Hydrocarbon	NA	NA	4.3	
Unknown Hydrocarbon	NA	NA	5.1	
Unknown Alkane	NA	NA	14	
Unknown Hydrocarbon	NA	NA	5.3	
Unknown Oxygenated Hydrocarbon	NA	NA	4.9	
Unknown Alkane	NA	NA	6.3	
Unknown Hydrocarbon	NA	NA	36	
Unknown Oxygenated Hydrocarbon	NA	NA	11	

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	108	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	107	70-130

AIR TOXICS LTD.

SAMPLE NAME: AA-3 Duplicate

ID#: 9503173B-05B

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032714	Date of Collection:	3/17/95
Dil. Factor:	2.7	Date of Analysis:	3/27/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.27	0.74
Freon 114	0.27	Not Detected
Chloromethane	0.27	0.66
Vinyl Chloride	0.27	Not Detected
Bromomethane	0.27	Not Detected
Chloroethane	0.27	Not Detected
Freon 11	0.27	0.38
1,1-Dichloroethene	0.27	Not Detected
Freon 113	0.27	Not Detected
Methylene Chloride	0.27	Not Detected
1,1-Dichloroethane	0.27	Not Detected
cis-1,2-Dichloroethene	0.27	Not Detected
Chloroform	0.27	Not Detected
1,1,1-Trichloroethane	0.27	Not Detected
Carbon Tetrachloride	0.27	Not Detected
Benzene	0.27	0.63
1,2-Dichloroethane	0.27	Not Detected
Trichloroethene	0.27	Not Detected
1,2-Dichloropropane	0.27	Not Detected
cis-1,3-Dichloropropene	0.27	Not Detected
Toluene	0.27	2.9 B
trans-1,3-Dichloropropene	0.27	Not Detected
1,1,2-Trichloroethane	0.27	Not Detected
Tetrachloroethene	0.27	0.38
Ethylene Dibromide	0.27	Not Detected
Chlorobenzene	0.27	Not Detected
Ethyl Benzene	0.27	0.27
m,p-Xylene	0.27	0.96
o-Xylene	0.27	0.29
Styrene	0.27	Not Detected
1,1,2,2-Tetrachloroethane	0.27	Not Detected
1,3,5-Trimethylbenzene	0.27	Not Detected
1,2,4-Trimethylbenzene	0.27	Not Detected
1,3-Dichlorobenzene	0.27	Not Detected
1,4-Dichlorobenzene	0.27	Not Detected
Chlorotoluene	0.27	Not Detected
1,2-Dichlorobenzene	0.27	Not Detected
1,2,4-Trichlorobenzene	0.27	Not Detected
Hexachlorobutadiene	0.27	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: AA-3 Duplicate

ID#: 9503173B-05B

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032714	Date of Collection: 3/17/95
Dil. Factor:	2.7	Date of Analysis: 3/27/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Hydrocarbon	NA	NA	4.7	Q JN ↓
Unknown Oxygenated Hydrocarbon	NA	NA	7.5	
Unknown Hydrocarbon	NA	NA	3.9	
Unknown Hydrocarbon	NA	NA	4.4	
Unknown Alkane	NA	NA	6.8	
Unknown Hydrocarbon	NA	NA	3.9	
Unknown Hydrocarbon	NA	NA	3.6	
Unknown Alkane	NA	NA	3.7	
Unknown Hydrocarbon	NA	NA	28	
Unknown Hydrocarbon	NA	NA	3.8	

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	112	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: SVP-10-NEW

ID#: 9503173B-06A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032512	Date of Collection:	3/17/95
Dil. Factor:	68	Date of Analysis:	3/25/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	6.8	Not Detected
Freon 114	6.8	Not Detected
Chloromethane	6.8	Not Detected
Vinyl Chloride	6.8	Not Detected
Bromomethane	6.8	Not Detected
Chloroethane	6.8	Not Detected
Freon 11	6.8	Not Detected
1,1-Dichloroethene	6.8	Not Detected
Freon 113	6.8	Not Detected
Methylene Chloride	6.8	Not Detected
1,1-Dichloroethane	6.8	Not Detected
cis-1,2-Dichloroethene	6.8	Not Detected
Chloroform	6.8	Not Detected
1,1,1-Trichloroethane	6.8	Not Detected
Carbon Tetrachloride	6.8	Not Detected
Benzene	6.8	Not Detected
1,2-Dichloroethane	6.8	Not Detected
Trichloroethene	6.8	Not Detected
1,2-Dichloropropane	6.8	Not Detected
cis-1,3-Dichloropropene	6.8	Not Detected
Toluene	6.8	Not Detected
trans-1,3-Dichloropropene	6.8	Not Detected
1,1,2-Trichloroethane	6.8	Not Detected
Tetrachloroethene	6.8	Not Detected
Ethylene Dibromide	6.8	Not Detected
Chlorobenzene	6.8	Not Detected
Ethyl Benzene	6.8	Not Detected
m,p-Xylene	6.8	Not Detected
o-Xylene	6.8	Not Detected
Styrene	6.8	Not Detected
1,1,2,2-Tetrachloroethane	6.8	Not Detected
1,3,5-Trimethylbenzene	6.8	Not Detected
1,2,4-Trimethylbenzene	6.8	Not Detected
1,3-Dichlorobenzene	6.8	Not Detected
1,4-Dichlorobenzene	6.8	Not Detected
Chlorotoluene	6.8	Not Detected
1,2-Dichlorobenzene	6.8	Not Detected
1,2,4-Trichlorobenzene	6.8	Not Detected
Hexachlorobutadiene	6.8	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SVP-10-NEW

ID#: 9503173B-06A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032512	Date of Collection:	3/17/95
Dil. Factor:	68	Date of Analysis:	3/25/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Hydrocarbon	NA	NA	4000	JN ↓
Unknown Alkane	NA	NA	6200	
Unknown Hydrocarbon	NA	NA	3100	
Unknown Hydrocarbon	NA	NA	4100	
Unknown Oxygenated Hydrocarbon	NA	NA	6800	
Unknown Hydrocarbon	NA	NA	4200	
Unknown Hydrocarbon	NA	NA	3900	
Unknown Hydrocarbon	NA	NA	2700	
Unknown Alkane	NA	NA	5500	
Unknown Hydrocarbon	NA	NA	3300	

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	101	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: SVP-36

ID#: 9503173B-07A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F033108	Date of Collection:	3/17/95
Dil. Factor:	14	Date of Analysis:	3/31/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	1.4	42
Freon 114	1.4	Not Detected
Chloromethane	1.4	Not Detected
Vinyl Chloride	1.4	Not Detected
Bromomethane	1.4	Not Detected
Chloroethane	1.4	Not Detected
Freon 11	1.4	Not Detected
1,1-Dichloroethene	1.4	Not Detected
Freon 113	1.4	Not Detected
Methylene Chloride	1.4	Not Detected
1,1-Dichloroethane	1.4	Not Detected
cis-1,2-Dichloroethene	1.4	Not Detected
Chloroform	1.4	Not Detected
1,1,1-Trichloroethane	1.4	Not Detected
Carbon Tetrachloride	1.4	Not Detected
Benzene	1.4	Not Detected
1,2-Dichloroethane	1.4	Not Detected
Trichloroethene	1.4	Not Detected
1,2-Dichloropropane	1.4	Not Detected
cis-1,3-Dichloropropene	1.4	Not Detected
Toluene	1.4	3.4
trans-1,3-Dichloropropene	1.4	Not Detected
1,1,2-Trichloroethane	1.4	Not Detected
Tetrachloroethene	1.4	6.9
Ethylene Dibromide	1.4	Not Detected
Chlorobenzene	1.4	Not Detected
Ethyl Benzene	1.4	Not Detected
m,p-Xylene	1.4	Not Detected
o-Xylene	1.4	Not Detected
Styrene	1.4	Not Detected
1,1,2,2-Tetrachloroethane	1.4	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected
1,3-Dichlorobenzene	1.4	Not Detected
1,4-Dichlorobenzene	1.4	Not Detected
Chlorotoluene	1.4	Not Detected
1,2-Dichlorobenzene	1.4	Not Detected
1,2,4-Trichlorobenzene	1.4	Not Detected
Hexachlorobutadiene	1.4	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SVP-36

ID#: 9503173B-07A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F033108	Date of Collection:	3/17/95
Dil. Factor:	14	Date of Analysis:	3/31/95

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	97	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: SVP-19

ID#: 9503173B-08A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F033014	Date of Collection:	3/17/95
Dil. Factor:	2.7	Date of Analysis:	3/30/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.27	0.41
Freon 114	0.27	Not Detected
Chloromethane	0.27	Not Detected
Vinyl Chloride	0.27	Not Detected
Bromomethane	0.27	Not Detected
Chloroethane	0.27	Not Detected
Freon 11	0.27	0.32
1,1-Dichloroethene	0.27	Not Detected
Freon 113	0.27	Not Detected
Methylene Chloride	0.27	Not Detected
1,1-Dichloroethane	0.27	Not Detected
cis-1,2-Dichloroethene	0.27	Not Detected
Chloroform	0.27	Not Detected
1,1,1-Trichloroethane	0.27	Not Detected
Carbon Tetrachloride	0.27	Not Detected
Benzene	0.27	Not Detected
1,2-Dichloroethane	0.27	Not Detected
Trichloroethene	0.27	Not Detected
1,2-Dichloropropane	0.27	Not Detected
cis-1,3-Dichloropropene	0.27	Not Detected
Toluene	0.27	Not Detected
trans-1,3-Dichloropropene	0.27	Not Detected
1,1,2-Trichloroethane	0.27	Not Detected
Tetrachloroethene	0.27	Not Detected
Ethylene Dibromide	0.27	Not Detected
Chlorobenzene	0.27	Not Detected
Ethyl Benzene	0.27	Not Detected
m,p-Xylene	0.27	Not Detected
o-Xylene	0.27	Not Detected
Styrene	0.27	Not Detected
1,1,2,2-Tetrachloroethane	0.27	Not Detected
1,3,5-Trimethylbenzene	0.27	Not Detected
1,2,4-Trimethylbenzene	0.27	Not Detected
1,3-Dichlorobenzene	0.27	Not Detected
1,4-Dichlorobenzene	0.27	Not Detected
Chlorotoluene	0.27	Not Detected
1,2-Dichlorobenzene	0.27	Not Detected
1,2,4-Trichlorobenzene	0.27	Not Detected
Hexachlorobutadiene	0.27	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SVP-19

ID#: 9503173B-08A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F033014	Date of Collection:	3/17/95
Dil. Factor:	2.7	Date of Analysis:	3/30/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Oxygenated Hydrocarbon	NA	NA	5.9	Q JN ↓
Unknown Hydrocarbon	NA	NA	9.3	
Unknown Hydrocarbon	NA	NA	10	
Unknown Hydrocarbon	NA	NA	13	
Unknown Hydrocarbon	NA	NA	17	
Unknown Hydrocarbon	NA	NA	22	
Unknown Hydrocarbon	NA	NA	20	
Unknown Hydrocarbon	NA	NA	20	

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	109	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	105	70-130

AIR TOXICS LTD.

SAMPLE NAME: Equipment Blank

ID#: 9503173B-09A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F033107	Date of Collection:	3/17/95
Dil. Factor:	2.8	Date of Analysis:	3/31/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.28	0.64
Freon 114	0.28	Not Detected
Chloromethane	0.28	0.77
Vinyl Chloride	0.28	Not Detected
Bromomethane	0.28	Not Detected
Chloroethane	0.28	Not Detected
Freon 11	0.28	0.28
1,1-Dichloroethene	0.28	Not Detected
Freon 113	0.28	Not Detected
Methylene Chloride	0.28	Not Detected
1,1-Dichloroethane	0.28	Not Detected
cis-1,2-Dichloroethene	0.28	Not Detected
Chloroform	0.28	Not Detected
1,1,1-Trichloroethane	0.28	Not Detected
Carbon Tetrachloride	0.28	Not Detected
Benzene	0.28	0.65
1,2-Dichloroethane	0.28	Not Detected
Trichloroethene	0.28	Not Detected
1,2-Dichloropropane	0.28	Not Detected
cis-1,3-Dichloropropene	0.28	Not Detected
Toluene	0.28	0.76 1.9
trans-1,3-Dichloropropene	0.28	Not Detected
1,1,2-Trichloroethane	0.28	Not Detected
Tetrachloroethene	0.28	Not Detected
Ethylene Dibromide	0.28	Not Detected
Chlorobenzene	0.28	Not Detected
Ethyl Benzene	0.28	Not Detected
m,p-Xylene	0.28	0.44
o-Xylene	0.28	Not Detected
Styrene	0.28	Not Detected
1,1,2,2-Tetrachloroethane	0.28	Not Detected
1,3,5-Trimethylbenzene	0.28	Not Detected
1,2,4-Trimethylbenzene	0.28	Not Detected
1,3-Dichlorobenzene	0.28	Not Detected
1,4-Dichlorobenzene	0.28	Not Detected
Chlorotoluene	0.28	Not Detected
1,2-Dichlorobenzene	0.28	Not Detected
1,2,4-Trichlorobenzene	0.28	Not Detected
Hexachlorobutadiene	0.28	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Equipment Blank

ID#: 9503173B-09A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F033107	Date of Collection:	3/17/95
Dil. Factor:	2.8	Date of Analysis:	3/31/95

Compound	CAS Number	Match Quality	Amount (ppbv)	
Unknown Oxygenated Hydrocarbon	NA	NA	42	Q JN ↓
Unknown Hydrocarbon	NA	NA	10	
Unknown Oxygenated Hydrocarbon	NA	NA	6.5	
Unknown Hydrocarbon	NA	NA	4.2	
Unknown Hydrocarbon	NA	NA	9.8	
Unknown Hydrocarbon	NA	NA	12	
Unknown Hydrocarbon	NA	NA	13	
Unknown Oxygenated Hydrocarbon	NA	NA	15	
Unknown Hydrocarbon	NA	NA	12	
Unknown Hydrocarbon	NA	NA	6.0	

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130

AIR TOXICS LTD.

SAMPLE NAME: Field Blank
 ID#: 9503173B-10A
 EPA METHOD TO-14 GC/MS Full Scan

File Name:	F033106	Date of Collection:	3/17/95
Dil. Factor:	2.7	Date of Analysis:	3/31/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.27	0.64
Freon 114	0.27	Not Detected
Chloromethane	0.27	0.69
Vinyl Chloride	0.27	Not Detected
Bromomethane	0.27	Not Detected
Chloroethane	0.27	Not Detected
Freon 11	0.27	0.30
1,1-Dichloroethene	0.27	Not Detected
Freon 113	0.27	Not Detected
Methylene Chloride	0.27	Not Detected
1,1-Dichloroethane	0.27	Not Detected
cis-1,2-Dichloroethene	0.27	Not Detected
Chloroform	0.27	Not Detected
1,1,1-Trichloroethane	0.27	Not Detected
Carbon Tetrachloride	0.27	Not Detected
Benzene	0.27	0.63
1,2-Dichloroethane	0.27	Not Detected
Trichloroethene	0.27	Not Detected
1,2-Dichloropropane	0.27	Not Detected
cis-1,3-Dichloropropene	0.27	Not Detected
Toluene	0.27	1.1 u
trans-1,3-Dichloropropene	0.27	Not Detected
1,1,2-Trichloroethane	0.27	Not Detected
Tetrachloroethene	0.27	Not Detected
Ethylene Dibromide	0.27	Not Detected
Chlorobenzene	0.27	Not Detected
Ethyl Benzene	0.27	0.33
m,p-Xylene	0.27	1.1
o-Xylene	0.27	0.43
Styrene	0.27	Not Detected
1,1,2,2-Tetrachloroethane	0.27	Not Detected
1,3,5-Trimethylbenzene	0.27	Not Detected
1,2,4-Trimethylbenzene	0.27	0.29
1,3-Dichlorobenzene	0.27	Not Detected
1,4-Dichlorobenzene	0.27	Not Detected
Chlorotoluene	0.27	Not Detected
1,2-Dichlorobenzene	0.27	Not Detected
1,2,4-Trichlorobenzene	0.27	Not Detected
Hexachlorobutadiene	0.27	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Field Blank

ID#: 9503173B-10A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F033106	Date of Collection:	3/17/95
Dil. Factor:	2.7	Date of Analysis:	3/31/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Oxygenated Hydrocarbon	NA	NA	21
Unknown Hydrocarbon	NA	NA	3.5
Unknown Oxygenated Hydrocarbon	NA	NA	6.2
Unknown Hydrocarbon	NA	NA	3.1

Q
JN
↓

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	95	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	106	70-130

AIR TOXICS LTD.

SAMPLE NAME: Method Spike

ID#: 9503173B-11A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032708	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/27/95

Compound	Det. Limit (ppbv)	% Recovery
Freon 12	0.10	124
Freon 114	0.10	126
Chloromethane	0.10	132 Q
Vinyl Chloride	0.10	126
Bromomethane	0.10	125
Chloroethane	0.10	110
Freon 11	0.10	123
1,1-Dichloroethene	0.10	116
Freon 113	0.10	113
Methylene Chloride	0.10	117
1,1-Dichloroethane	0.10	117
cis-1,2-Dichloroethene	0.10	112
Chloroform	0.10	111
1,1,1-Trichloroethane	0.10	113
Carbon Tetrachloride	0.10	115
Benzene	0.10	108
1,2-Dichloroethane	0.10	117
Trichloroethene	0.10	103
1,2-Dichloropropane	0.10	120
cis-1,3-Dichloropropene	0.10	111
Toluene	0.10	117
trans-1,3-Dichloropropene	0.10	136 Q
1,1,2-Trichloroethane	0.10	118
Tetrachloroethene	0.10	96
Ethylene Dibromide	0.10	116
Chlorobenzene	0.10	108
Ethyl Benzene	0.10	111
m,p-Xylene	0.10	110
o-Xylene	0.10	108
Styrene	0.10	119
1,1,2,2-Tetrachloroethane	0.10	112
1,3,5-Trimethylbenzene	0.10	110
1,2,4-Trimethylbenzene	0.10	115
1,3-Dichlorobenzene	0.10	114
1,4-Dichlorobenzene	0.10	108
Chlorotoluene	0.10	76
1,2-Dichlorobenzene	0.10	103
1,2,4-Trichlorobenzene	0.10	99
Hexachlorobutadiene	0.10	91

AIR TOXICS LTD.

SAMPLE NAME: Method Spike

ID#: 9503173B-11A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032708	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/27/95

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Q = Exceeds Quality Control limits of 70% to 130%.

Container Type: NA

Surrogates	% Recovery	Method Limits
Octafluorotoluene	99	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	105	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503173B-12A

EPA METHOD TO-14 GC/MS Full Scan

File Name:	F032505	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/25/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.10	Not Detected
Freon 114	0.10	Not Detected
Chloromethane	0.10	Not Detected
Vinyl Chloride	0.10	Not Detected
Bromomethane	0.10	Not Detected
Chloroethane	0.10	Not Detected
Freon 11	0.10	Not Detected
1,1-Dichloroethene	0.10	Not Detected
Freon 113	0.10	Not Detected
Methylene Chloride	0.10	Not Detected
1,1-Dichloroethane	0.10	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected
Chloroform	0.10	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected
Carbon Tetrachloride	0.10	Not Detected
Benzene	0.10	Not Detected
1,2-Dichloroethane	0.10	Not Detected
Trichloroethene	0.10	Not Detected
1,2-Dichloropropane	0.10	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected
Toluene	0.10	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected
Tetrachloroethene	0.10	Not Detected
Ethylene Dibromide	0.10	Not Detected
Chlorobenzene	0.10	Not Detected
Ethyl Benzene	0.10	Not Detected
m,p-Xylene	0.10	Not Detected
o-Xylene	0.10	Not Detected
Styrene	0.10	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected
Chlorotoluene	0.10	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected
1,2,4-Trichlorobenzene	0.10	Not Detected
Hexachlorobutadiene	0.10	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 9503173B-12A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:	F032505	Date of Collection:	NA
Dil. Factor:	1.0	Date of Analysis:	3/25/95

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: NA

Surrogates	% Recovery	Method Limits
Octafluorotoluene	104	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	97	70-130

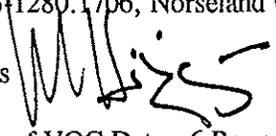
COMPARATIVE AMBIENT AIR STUDY
ANALYTICAL DATA

MEMORANDUM

TO: Project File 933+1280.1706, Norseland Comparative Air Study

March 7, 1995

FR: Michael Higgins



RE: Data Evaluation of VOC Data - 6 Rounds of Sampling

INTRODUCTION

This memorandum presents the results of data validation and review of whole air collected during six rounds of ambient air, mobile home skirt and soil vapor probe sampling at the Norseland Mobile Estates. Samples were collected under conditions described in Field Sampling Plan and are outlined below.

Sampling Event	Date	Time	Wind Direction (True North)
Round 1	May 30, 1995	15:00 - 16:00	230°
Round 2	June 1, 1995	18:48 - 19:48	60°
Round 3	June 6, 1995	21:00 - 22:00	150°
Round 4	June 7, 1994	10:25-11:25	40°
Round 5	June 14, 1995	07:17 - 08:17	30°
Round 6	June 16, 1995	03:45 - 04:45	260°

DATA QUALITY EVALUATION

This section presents a summary of laboratory data quality in terms of the referenced method. US EPA Method TO 14, *Determination of Volatile Organic Compounds*, was performed by Air Toxics LTD, Folsom, California.

Precision

Goals for precision were met with the exception of only minor deficiencies. No qualification was applied to the reported data. Both laboratory and field duplicate analyses were provided and evaluated for each sampling round by comparing relative percent differences (RPD) between duplicate results.

Accuracy

Goals for accuracy were met with the exception of minor only deficiencies. No qualification was applied to the reported data. Matrix spike and surrogate recoveries were evaluated for each sampling round by examining percent recoveries of matrix and surrogate spiking compounds.

Method Blanks

Goals for contaminant free blanks were met for all analyses with the exception of only minor deficiencies. Trace amounts of methylene chloride and/or hexachlorobutadiene were detected in sampling rounds 3 and 4, however these analytes were not detected in field samples. No qualification was applied to the reported data.

Detection Limits

Detection limit goals were met for all analyses with the exception of soil vapor probe (SVP) locations which have elevated levels of carbon dioxide (CO₂) relative to background. Previous investigations and subsequent analyses of SVP samples containing elevated CO₂ have resulted in a similar detection limit elevation due to the dilution required prior to analysis to lower background levels of CO₂ in these samples. No qualification was applied to the reported data.

Data Completeness

A total of 78 samples were evaluated in this package with a total of 3,042 determinations. All analyses were deemed valid. This results in a data package which is 100 percent complete.

Tentatively Identified Compounds

Tentatively identified compounds reported should be considered as presumptive (identification) and estimated (quantitation) in accordance with US EPA data validation procedures.

Overall Assessment

Overall assessment of the data indicates the data can be used without limitation in terms of meeting overall data quality objectives of the referenced analytical method. However, additional evaluation reveals that results for two field samples may be of limited use for the comparative study.

The post-sampling and final receipt pressure of sample SK-1-60 (skirt round 1 at location 60) was -0.5" Hg. This pressure indicates that the sample interval is unknown and results compromised.. Flow controllers were calibrated to collected a one hour sample resulting in a pressure drop from -29" of Hg to approximately -10" of Hg over a timed one hour sampling interval. All other sample receipt pressures measured at the laboratory were within the range of -14" to -7 " of Hg and consistent with the pressure recorded at the site before shipping.

Inspection of results of sample SVP-2-63 (soil vapor probe round 2 at location 63) reveals that the sample train may have been compromised during the sampling interval for round 2. Receipt pressure was acceptable, however the results are not consistent with the other soil vapor probe analyses (rounds 1 and 3-6) at this sample location. Comparison of SVP-2-63 with ambient samples collected during the investigation indicates the sample was drawn from above ground surface. In addition, previous (round 1) and subsequent (rounds 3-6) sampling at SVP-63 indicate, relative to ambient results, elevated hydrocarbons concentration within the probe's influence below ground surface. This evidence of "leaking" to ambient is also supported by the comparison of surrogate recoveries between sampling rounds. Bromofluorobenzene, a surrogate spiking compound added to all samples prior to analysis, recovery is elevated in sampling rounds 1 and 3-6 due to the hydrocarbon background interference, however this interference is not present in round 2 sample data for SVP-2-63.

AIR TOXICS LTD.

SAMPLE NAME: OFA-1-210

ID#: 9506004-01A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060511
Dil. Factor: 2.2

Date of Collection: 5/30/95
Date of Analysis: 6/5/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.22	0.47
Freon 114	0.22	Not Detected
Chloromethane	0.22	0.65
Vinyl Chloride	0.22	Not Detected
Bromomethane	0.22	Not Detected
Chloroethane	0.22	Not Detected
Freon 11	0.22	0.24
1,1-Dichloroethene	0.22	Not Detected
Freon 113	0.22	Not Detected
Methylene Chloride	0.22	Not Detected
1,1-Dichloroethane	0.22	Not Detected
cis-1,2-Dichloroethene	0.22	Not Detected
Chloroform	0.22	Not Detected
1,1,1-Trichloroethane	0.22	Not Detected
Carbon Tetrachloride	0.22	Not Detected
Benzene	0.22	Not Detected
1,2-Dichloroethane	0.22	Not Detected
Trichloroethene	0.22	Not Detected
1,2-Dichloropropane	0.22	Not Detected
cis-1,3-Dichloropropene	0.22	Not Detected
Toluene	0.22	Not Detected
trans-1,3-Dichloropropene	0.22	Not Detected
1,1,2-Trichloroethane	0.22	Not Detected
Tetrachloroethene	0.22	Not Detected
Ethylene Dibromide	0.22	Not Detected
Chlorobenzene	0.22	Not Detected
Ethyl Benzene	0.22	Not Detected
m,p-Xylene	0.22	Not Detected
o-Xylene	0.22	Not Detected
Styrene	0.22	Not Detected
1,1,2,2-Tetrachloroethane	0.22	Not Detected
1,3,5-Trimethylbenzene	0.22	Not Detected
1,2,4-Trimethylbenzene	0.22	Not Detected
1,3-Dichlorobenzene	0.22	Not Detected
1,4-Dichlorobenzene	0.22	Not Detected
Chlorotoluene	0.22	Not Detected
1,2-Dichlorobenzene	0.22	Not Detected
1,2,4-Trichlorobenzene	0.22	Not Detected
Hexachlorobutadiene	0.22	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: OFA-1-210

ID#: 9506004-01A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060511
Dil. Factor: 2.2

Date of Collection: 5/30/95
Date of Analysis: 6/5/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	4.5
Unknown Alcohol	NA	NA	4.4
Unknown Alcohol	NA	NA	3.7
Unknown Aromatic	NA	NA	2.4
Unknown Alkane	NA	NA	2.2
Unknown Aldehyde	NA	NA	5.1
Unknown Hydrocarbon	NA	NA	18
Unknown Hydrocarbon	NA	NA	8.2
Unknown Hydrocarbon	NA	NA	16
Unknown Alkane	NA	NA	2.4

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	94	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	94	70-130

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AIR TOXICS LTD.

SAMPLE NAME: OFA-1-230

ID#: 9506004-02A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060512

Date of Collection: 5/30/95

Dil. Factor: 2.2

Date of Analysis: 6/5/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.22	0.60
Freon 114	0.22	Not Detected
Chloromethane	0.22	0.81
Vinyl Chloride	0.22	Not Detected
Bromomethane	0.22	Not Detected
Chloroethane	0.22	Not Detected
Freon 11	0.22	0.30
1,1-Dichloroethene	0.22	Not Detected
Freon 113	0.22	Not Detected
Methylene Chloride	0.22	Not Detected
1,1-Dichloroethane	0.22	Not Detected
cis-1,2-Dichloroethene	0.22	Not Detected
Chloroform	0.22	Not Detected
1,1,1-Trichloroethane	0.22	Not Detected
Carbon Tetrachloride	0.22	Not Detected
Benzene	0.22	Not Detected
1,2-Dichloroethane	0.22	Not Detected
Trichloroethene	0.22	Not Detected
1,2-Dichloropropane	0.22	Not Detected
cis-1,3-Dichloropropene	0.22	Not Detected
Toluene	0.22	Not Detected
trans-1,3-Dichloropropene	0.22	Not Detected
1,1,2-Trichloroethane	0.22	Not Detected
Tetrachloroethene	0.22	Not Detected
Ethylene Dibromide	0.22	Not Detected
Chlorobenzene	0.22	Not Detected
Ethyl Benzene	0.22	Not Detected
m,p-Xylene	0.22	Not Detected
o-Xylene	0.22	Not Detected
Styrene	0.22	Not Detected
1,1,2,2-Tetrachloroethane	0.22	Not Detected
1,3,5-Trimethylbenzene	0.22	Not Detected
1,2,4-Trimethylbenzene	0.22	Not Detected
1,3-Dichlorobenzene	0.22	Not Detected
1,4-Dichlorobenzene	0.22	Not Detected
Chlorotoluene	0.22	Not Detected
1,2-Dichlorobenzene	0.22	Not Detected
1,2,4-Trichlorobenzene	0.22	Not Detected
Hexachlorobutadiene	0.22	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: OFA-1-230

ID#: 9506004-02A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060512

Date of Collection: 5/30/95

Dil. Factor: 2.2

Date of Analysis: 6/5/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	8.6 IN
Unknown Alcohol	NA	NA	6.2
Unknown Alkane	NA	NA	3.5
Unknown Alkane	NA	NA	2.2
Unknown Alkane	NA	NA	2.2
(Z)-2-Nonenal	60784-31-8	64 %	25
Unknown Alkane	NA	NA	3.2
Unknown Alkane	NA	NA	4.3
Unknown Alkane	NA	NA	2.4

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	118	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	100	70-130

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AIR TOXICS LTD.

SAMPLE NAME: OFA-1-250

ID#: 9506004-03A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060604
Dil. Factor: 2.1

Date of Collection: 5/30/95

Date of Analysis: 6/6/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.21	0.72
Freon 114	0.21	Not Detected
Chloromethane	0.21	1.1
Vinyl Chloride	0.21	Not Detected
Bromomethane	0.21	Not Detected
Chloroethane	0.21	Not Detected
Freon 11	0.21	0.34
1,1-Dichloroethene	0.21	Not Detected
Freon 113	0.21	Not Detected
Methylene Chloride	0.21	Not Detected
1,1-Dichloroethane	0.21	Not Detected
cis-1,2-Dichloroethene	0.21	Not Detected
Chloroform	0.21	Not Detected
1,1,1-Trichloroethane	0.21	Not Detected
Carbon Tetrachloride	0.21	Not Detected
Benzene	0.21	0.21
1,2-Dichloroethane	0.21	Not Detected
Trichloroethene	0.21	Not Detected
1,2-Dichloropropane	0.21	Not Detected
cis-1,3-Dichloropropene	0.21	Not Detected
Toluene	0.21	1.5
trans-1,3-Dichloropropene	0.21	Not Detected
1,1,2-Trichloroethane	0.21	Not Detected
Tetrachloroethene	0.21	Not Detected
Ethylene Dibromide	0.21	Not Detected
Chlorobenzene	0.21	Not Detected
Ethyl Benzene	0.21	0.26
m,p-Xylene	0.21	1.4
o-Xylene	0.21	0.53
Styrene	0.21	Not Detected
1,1,2,2-Tetrachloroethane	0.21	Not Detected
1,3,5-Trimethylbenzene	0.21	Not Detected
1,2,4-Trimethylbenzene	0.21	Not Detected
1,3-Dichlorobenzene	0.21	Not Detected
1,4-Dichlorobenzene	0.21	Not Detected
Chlorotoluene	0.21	Not Detected
1,2-Dichlorobenzene	0.21	Not Detected
1,2,4-Trichlorobenzene	0.21	Not Detected
Hexachlorobutadiene	0.21	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: OFA-1-250

ID#: 9506004-03A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060604
Dil. Factor: 2.1

Date of Collection: 5/30/95
Date of Analysis: 6/6/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Alkane	NA	NA	4.2 JN
Unknown Alkane	NA	NA	3.6
Unknown Alkane	NA	NA	4.1
Unknown Alkane	NA	NA	4.3
Unknown Aromatic	NA	NA	3.9
Benzenemethanol	100-51-6	Manual ID	5.3
Unknown Hydrocarbon	NA	NA	10
2-Methyl-1-butanamine	96-15-1	64 %	22
Butylcyclopropane	930-57-4	Manual ID	5.7
5-Methyl-1-hexene	3524-73-0	64 %	4.7

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	145 Q	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130

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AIR TOXICS LTD.

SAMPLE NAME: OFA-I-240

ID#: 9506004-04A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060514
Dil. Factor: 2.0

Date of Collection: 5/30/95
Date of Analysis: 6/5/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.20	0.74
Freon 114	0.20	Not Detected
Chloromethane	0.20	1.2
Vinyl Chloride	0.20	Not Detected
Bromomethane	0.20	Not Detected
Chloroethane	0.20	Not Detected
Freon 11	0.20	0.39
1,1-Dichloroethene	0.20	Not Detected
Freon 113	0.20	Not Detected
Methylene Chloride	0.20	Not Detected
1,1-Dichloroethane	0.20	Not Detected
cis-1,2-Dichloroethene	0.20	Not Detected
Chloroform	0.20	Not Detected
1,1,1-Trichloroethane	0.20	Not Detected
Carbon Tetrachloride	0.20	Not Detected
Benzene	0.20	0.24
1,2-Dichloroethane	0.20	Not Detected
Trichloroethene	0.20	Not Detected
1,2-Dichloropropane	0.20	Not Detected
cis-1,3-Dichloropropene	0.20	Not Detected
Toluene	0.20	5.0
trans-1,3-Dichloropropene	0.20	Not Detected
1,1,2-Trichloroethane	0.20	Not Detected
Tetrachloroethene	0.20	0.30
Ethylene Dibromide	0.20	Not Detected
Chlorobenzene	0.20	Not Detected
Ethyl Benzene	0.20	0.70
m,p-Xylene	0.20	4.3
o-Xylene	0.20	1.4
Styrene	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.20	Not Detected
1,3,5-Trimethylbenzene	0.20	Not Detected
1,2,4-Trimethylbenzene	0.20	0.31
1,3-Dichlorobenzene	0.20	Not Detected
1,4-Dichlorobenzene	0.20	Not Detected
Chlorotoluene	0.20	Not Detected
1,2-Dichlorobenzene	0.20	Not Detected
1,2,4-Trichlorobenzene	0.20	Not Detected
Hexachlorobutadiene	0.20	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: OFA-1-240

ID#: 9506004-04A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060514 Date of Collection: 5/30/95
Dil. Factor: 2.0 Date of Analysis: 6/5/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	8.4 JW
Unknown Hydrocarbon	NA	NA	7.2
Unknown Hydrocarbon	NA	NA	11
4-Methyl-2-pentanone	108-10-1	Manual ID	4.3
Unknown Branched Benzene	NA	NA	4.3
Unknown Hydrocarbon	NA	NA	10
Unknown Alkane	NA	NA	3.4
2-Methyl-2-undecanethiol	10059-13-9	Manual ID	18
4-Pentenal	2100-17-6	56 %	7.8
Unknown Alkene	NA	NA	9.1

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	157 Q	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	104	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SVP-1-39

ID#: 9506004-05A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060707
Dil. Factor: 37

Date of Collection: 5/30/95
Date of Analysis: 6/7/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	3.7	Not Detected
Freon 114	3.7	Not Detected
Chloromethane	3.7	Not Detected
Vinyl Chloride	3.7	Not Detected
Bromomethane	3.7	Not Detected
Chloroethane	3.7	Not Detected
Freon 11	3.7	Not Detected
1,1-Dichloroethene	3.7	Not Detected
Freon 113	3.7	Not Detected
Methylene Chloride	3.7	8.8
1,1-Dichloroethane	3.7	Not Detected
cis-1,2-Dichloroethene	3.7	Not Detected
Chloroform	3.7	Not Detected
1,1,1-Trichloroethane	3.7	Not Detected
Carbon Tetrachloride	3.7	Not Detected
Benzene	3.7	Not Detected
1,2-Dichloroethane	3.7	Not Detected
Trichloroethene	3.7	Not Detected
1,2-Dichloropropane	3.7	Not Detected
cis-1,3-Dichloropropene	3.7	Not Detected
Toluene	3.7	Not Detected
trans-1,3-Dichloropropene	3.7	Not Detected
1,1,2-Trichloroethane	3.7	Not Detected
Tetrachloroethene	3.7	Not Detected
Ethylene Dibromide	3.7	Not Detected
Chlorobenzene	3.7	Not Detected
Ethyl Benzene	3.7	Not Detected
m,p-Xylene	3.7	Not Detected
o-Xylene	3.7	Not Detected
Styrene	3.7	Not Detected
1,1,2,2-Tetrachloroethane	3.7	Not Detected
1,3,5-Trimethylbenzene	3.7	Not Detected
1,2,4-Trimethylbenzene	3.7	Not Detected
1,3-Dichlorobenzene	3.7	Not Detected
1,4-Dichlorobenzene	3.7	Not Detected
Chlorotoluene	3.7	Not Detected
1,2-Dichlorobenzene	3.7	Not Detected
1,2,4-Trichlorobenzene	3.7	Not Detected
Hexachlorobutadiene	3.7	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP-1-39

ID#: 9506004-05A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060707
Dil. Factor: 37

Date of Collection: 5/30/95
Date of Analysis: 6/7/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Alkane	NA	NA	98 <i>JR</i>
Unknown Branched Alkene	NA	NA	1700 <i>J</i>

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	102	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	96	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-1-39

ID#: 9506004-06A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060606 Date of Collection: 5/30/95
Dil. Factor: 4.2 Date of Analysis: 6/6/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.42	0.44
Freon 114	0.42	Not Detected
Chloromethane	0.42	Not Detected
Vinyl Chloride	0.42	Not Detected
Bromomethane	0.42	Not Detected
Chloroethane	0.42	Not Detected
Freon 11	0.42	Not Detected
1,1-Dichloroethene	0.42	Not Detected
Freon 113	0.42	Not Detected
Methylene Chloride	0.42	Not Detected
1,1-Dichloroethane	0.42	Not Detected
cis-1,2-Dichloroethene	0.42	Not Detected
Chloroform	0.42	Not Detected
1,1,1-Trichloroethane	0.42	Not Detected
Carbon Tetrachloride	0.42	Not Detected
Benzene	0.42	Not Detected
1,2-Dichloroethane	0.42	Not Detected
Trichloroethene	0.42	Not Detected
1,2-Dichloropropane	0.42	Not Detected
cis-1,3-Dichloropropene	0.42	Not Detected
Toluene	0.42	0.57
trans-1,3-Dichloropropene	0.42	Not Detected
1,1,2-Trichloroethane	0.42	Not Detected
Tetrachloroethene	0.42	Not Detected
Ethylene Dibromide	0.42	Not Detected
Chlorobenzene	0.42	Not Detected
Ethyl Benzene	0.42	Not Detected
m,p-Xylene	0.42	Not Detected
o-Xylene	0.42	Not Detected
Styrene	0.42	Not Detected
1,1,2,2-Tetrachloroethane	0.42	Not Detected
1,3,5-Trimethylbenzene	0.42	Not Detected
1,2,4-Trimethylbenzene	0.42	Not Detected
1,3-Dichlorobenzene	0.42	Not Detected
1,4-Dichlorobenzene	0.42	Not Detected
Chlorotoluene	0.42	Not Detected
1,2-Dichlorobenzene	0.42	Not Detected
1,2,4-Trichlorobenzene	0.42	Not Detected
Hexachlorobutadiene	0.42	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-1-39

ID#: 9506004-06A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060606 Date of Collection: 5/30/95
Dil. Factor: 4.2 Date of Analysis: 6/6/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	9.9
Unknown Substituted Benzene	NA	NA	9.5
Unknown Cycloalkane	NA	NA	10
Unknown Branched Alkane	NA	NA	4.7
Unknown Alkane	NA	NA	33
Unknown Alkane	NA	NA	9.0

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	100	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	98	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SVP-1-60

ID#: 9506004-07A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060612

Date of Collection: 5/30/95

Dil. Factor: 31

Date of Analysis: 6/6/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	3.1	Not Detected
Freon 114	3.1	Not Detected
Chloromethane	3.1	Not Detected
Vinyl Chloride	3.1	Not Detected
Bromomethane	3.1	Not Detected
Chloroethane	3.1	Not Detected
Freon 11	3.1	Not Detected
1,1-Dichloroethene	3.1	Not Detected
Freon 113	3.1	Not Detected
Methylene Chloride	3.1	7.4
1,1-Dichloroethane	3.1	Not Detected
cis-1,2-Dichloroethene	3.1	Not Detected
Chloroform	3.1	Not Detected
1,1,1-Trichloroethane	3.1	Not Detected
Carbon Tetrachloride	3.1	Not Detected
Benzene	3.1	Not Detected
1,2-Dichloroethane	3.1	Not Detected
Trichloroethene	3.1	Not Detected
1,2-Dichloropropane	3.1	Not Detected
cis-1,3-Dichloropropene	3.1	Not Detected
Toluene	3.1	Not Detected
trans-1,3-Dichloropropene	3.1	Not Detected
1,1,2-Trichloroethane	3.1	Not Detected
Tetrachloroethene	3.1	Not Detected
Ethylene Dibromide	3.1	Not Detected
Chlorobenzene	3.1	Not Detected
Ethyl Benzene	3.1	Not Detected
m,p-Xylene	3.1	Not Detected
o-Xylene	3.1	Not Detected
Styrene	3.1	Not Detected
1,1,2,2-Tetrachloroethane	3.1	Not Detected
1,3,5-Trimethylbenzene	3.1	Not Detected
1,2,4-Trimethylbenzene	3.1	Not Detected
1,3-Dichlorobenzene	3.1	Not Detected
1,4-Dichlorobenzene	3.1	Not Detected
Chlorotoluene	3.1	Not Detected
1,2-Dichlorobenzene	3.1	Not Detected
1,2,4-Trichlorobenzene	3.1	Not Detected
Hexachlorobutadiene	3.1	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP-1-60

ID#: 9506004-07A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060612 Date of Collection: 5/30/95

Dil. Factor: 31 Date of Analysis: 6/6/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	51
Unknown Alkane	NA	NA	47
Unknown Alkene	NA	NA	35
Unknown Alkane	NA	NA	53
Unknown Cycloalkane	NA	NA	31
Unknown Substituted Benzene	NA	NA	70

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	104	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	95	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-1-60*

ID#: 9506004-08A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060607 Date of Collection: 5/30/95
Dil. Factor: 2.7 Date of Analysis: 6/6/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.27	0.56
Freon 114	0.27	Not Detected
Chloromethane	0.27	1.9
Vinyl Chloride	0.27	Not Detected
Bromomethane	0.27	Not Detected
Chloroethane	0.27	Not Detected
Freon 11	0.27	0.28
1,1-Dichloroethene	0.27	Not Detected
Freon 113	0.27	Not Detected
Methylene Chloride	0.27	0.68
1,1-Dichloroethane	0.27	Not Detected
cis-1,2-Dichloroethene	0.27	Not Detected
Chloroform	0.27	Not Detected
1,1,1-Trichloroethane	0.27	Not Detected
Carbon Tetrachloride	0.27	Not Detected
Benzene	0.27	Not Detected
1,2-Dichloroethane	0.27	Not Detected
Trichloroethene	0.27	Not Detected
1,2-Dichloropropane	0.27	Not Detected
cis-1,3-Dichloropropene	0.27	Not Detected
Toluene	0.27	0.39
trans-1,3-Dichloropropene	0.27	Not Detected
1,1,2-Trichloroethane	0.27	Not Detected
Tetrachloroethene	0.27	Not Detected
Ethylene Dibromide	0.27	Not Detected
Chlorobenzene	0.27	Not Detected
Ethyl Benzene	0.27	Not Detected
m,p-Xylene	0.27	Not Detected
o-Xylene	0.27	Not Detected
Styrene	0.27	Not Detected
1,1,2,2-Tetrachloroethane	0.27	Not Detected
1,3,5-Trimethylbenzene	0.27	Not Detected
1,2,4-Trimethylbenzene	0.27	Not Detected
1,3-Dichlorobenzene	0.27	Not Detected
1,4-Dichlorobenzene	0.27	Not Detected
Chlorotoluene	0.27	Not Detected
1,2-Dichlorobenzene	0.27	Not Detected
1,2,4-Trichlorobenzene	0.27	Not Detected
Hexachlorobutadiene	0.27	Not Detected

LIMITED USE ONLY

Handwritten signature and date: 6/6/95

AIR TOXICS LTD.

SAMPLE NAME: SK-1-60*

ID#: 9506004-08A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060607 Date of Collection: 5/30/95
Dil. Factor: 2.7 Date of Analysis: 6/6/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	5.3
Unknown Hydrocarbon	NA	NA	5.2
Phenol	108-95-2	87 %	3.3
Unknown Hydrocarbon	NA	NA	4.1
4-Pentenal	2100-17-6	78 %	27
Unknown Amine	NA	NA	12
Unknown Branched Alkane	NA	NA	7.3
Unknown Hydrocarbon	NA	NA	11
Unknown Alkane	NA	NA	28
Unknown Alkane	NA	NA	4.1

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Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	98	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	104	70-130

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9/27/18

AIR TOXICS LTD.

SAMPLE NAME: SVP-1-63

ID#: 9506004-09A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060611
Dil. Factor: 13

Date of Collection: 5/30/95
Date of Analysis: 6/6/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	1.3	Not Detected
Freon 114	1.3	Not Detected
Chloromethane	1.3	Not Detected
Vinyl Chloride	1.3	Not Detected
Bromomethane	1.3	Not Detected
Chloroethane	1.3	Not Detected
Freon 11	1.3	Not Detected
1,1-Dichloroethene	1.3	Not Detected
Freon 113	1.3	Not Detected
Methylene Chloride	1.3	10
1,1-Dichloroethane	1.3	Not Detected
cis-1,2-Dichloroethene	1.3	Not Detected
Chloroform	1.3	Not Detected
1,1,1-Trichloroethane	1.3	Not Detected
Carbon Tetrachloride	1.3	Not Detected
Benzene	1.3	12
1,2-Dichloroethane	1.3	4.4
Trichloroethene	1.3	Not Detected
1,2-Dichloropropane	1.3	Not Detected
cis-1,3-Dichloropropene	1.3	Not Detected
Toluene	1.3	4.0
trans-1,3-Dichloropropene	1.3	Not Detected
1,1,2-Trichloroethane	1.3	Not Detected
Tetrachloroethene	1.3	Not Detected
Ethylene Dibromide	1.3	Not Detected
Chlorobenzene	1.3	Not Detected
Ethyl Benzene	1.3	1.4
m,p-Xylene	1.3	2.1
o-Xylene	1.3	4.8
Styrene	1.3	Not Detected
1,1,2,2-Tetrachloroethane	1.3	Not Detected
1,3,5-Trimethylbenzene	1.3	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected
1,3-Dichlorobenzene	1.3	Not Detected
1,4-Dichlorobenzene	1.3	Not Detected
Chlorotoluene	1.3	Not Detected
1,2-Dichlorobenzene	1.3	Not Detected
1,2,4-Trichlorobenzene	1.3	Not Detected
Hexachlorobutadiene	1.3	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP-1-63

ID#: 9506004-09A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060611 Date of Collection: 5/30/95
Dil. Factor: 13 Date of Analysis: 6/6/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Cyclohexane	NA	NA	640 <i>JW</i>
Unknown Alkane	NA	NA	770
Unknown Branched Alkane	NA	NA	1500
Unknown Branched Alkane	NA	NA	800
Unknown Alkane	NA	NA	650
Unknown Alkane	NA	NA	1600
Unknown Cyclopentane	NA	NA	650
Unknown Alkane	NA	NA	750
Unknown Alkane	NA	NA	730
Unknown Cycloalkane	NA	NA	980

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	97	70-130
Toluene-d8	108	70-130
4-Bromofluorobenzene	237 Q	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-1-63

ID#: 9506004-10A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060705
Dil. Factor: 2.5

Date of Collection: 5/30/95
Date of Analysis: 6/7/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.25	0.39
Freon 114	0.25	Not Detected
Chloromethane	0.25	0.57
Vinyl Chloride	0.25	Not Detected
Bromomethane	0.25	Not Detected
Chloroethane	0.25	2.4
Freon 11	0.25	0.29
1,1-Dichloroethene	0.25	Not Detected
Freon 113	0.25	Not Detected
Methylene Chloride	0.25	Not Detected
1,1-Dichloroethane	0.25	Not Detected
cis-1,2-Dichloroethene	0.25	Not Detected
Chloroform	0.25	Not Detected
1,1,1-Trichloroethane	0.25	Not Detected
Carbon Tetrachloride	0.25	Not Detected
Benzene	0.25	0.28
1,2-Dichloroethane	0.25	Not Detected
Trichloroethene	0.25	Not Detected
1,2-Dichloropropane	0.25	Not Detected
cis-1,3-Dichloropropene	0.25	Not Detected
Toluene	0.25	0.50
trans-1,3-Dichloropropene	0.25	Not Detected
1,1,2-Trichloroethane	0.25	Not Detected
Tetrachloroethene	0.25	Not Detected
Ethylene Dibromide	0.25	Not Detected
Chlorobenzene	0.25	Not Detected
Ethyl Benzene	0.25	0.64
m,p-Xylene	0.25	1.0
o-Xylene	0.25	Not Detected
Styrene	0.25	Not Detected
1,1,2,2-Tetrachloroethane	0.25	Not Detected
1,3,5-Trimethylbenzene	0.25	0.38
1,2,4-Trimethylbenzene	0.25	1.7
1,3-Dichlorobenzene	0.25	Not Detected
1,4-Dichlorobenzene	0.25	Not Detected
Chlorotoluene	0.25	Not Detected
1,2-Dichlorobenzene	0.25	Not Detected
1,2,4-Trichlorobenzene	0.25	Not Detected
Hexachlorobutadiene	0.25	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-1-63

ID#: 9506004-10A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060705 Date of Collection: 5/30/95
Dil. Factor: 2.5 Date of Analysis: 6/7/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Hydrocarbon	NA	NA	16
Unknown Amine	NA	NA	79
Unknown Alkane	NA	NA	15
Unknown Cycloalkane	NA	NA	34
Unknown Branched Alkane	NA	NA	33
Unknown Branched Alkane	NA	NA	20
Unknown Branched Alkane	NA	NA	32
Unknown Branched Alkane	NA	NA	53
Dodecanoic Acid, methyl ester	111-82-0	87 %	42
Unknown Cycloalkane	NA	NA	34

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	94	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	95	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-1-63 Duplicate

ID#: 9506004-10B

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060608
Dil. Factor: 5.0

Date of Collection: 5/30/95
Date of Analysis: 6/6/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.50	0.54
Freon 114	0.50	Not Detected
Chloromethane	0.50	0.71
Vinyl Chloride	0.50	Not Detected
Bromomethane	0.50	Not Detected
Chloroethane	0.50	2.2
Freon 11	0.50	0.30 J
1,1-Dichloroethene	0.50	Not Detected
Freon 113	0.50	Not Detected
Methylene Chloride	0.50	Not Detected
1,1-Dichloroethane	0.50	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected
Chloroform	0.50	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected
Carbon Tetrachloride	0.50	Not Detected
Benzene	0.50	0.67
1,2-Dichloroethane	0.50	Not Detected
Trichloroethene	0.50	Not Detected
1,2-Dichloropropane	0.50	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected
Toluene	0.50	0.66
trans-1,3-Dichloropropene	0.50	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected
Tetrachloroethene	0.50	Not Detected
Ethylene Dibromide	0.50	Not Detected
Chlorobenzene	0.50	Not Detected
Ethyl Benzene	0.50	0.71
m,p-Xylene	0.50	1.1
o-Xylene	0.50	Not Detected
Styrene	0.50	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected
1,3,5-Trimethylbenzene	0.50	0.41 J
1,2,4-Trimethylbenzene	0.50	1.7
1,3-Dichlorobenzene	0.50	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected
Chlorotoluene	0.50	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected
Hexachlorobutadiene	0.50	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-1-63 Duplicate

ID#: 9506004-10B

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060608 Date of Collection: 5/30/95
Dil. Factor: 5.0 Date of Analysis: 6/6/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Alcohol	NA	NA	17 J
Unknown Alkane	NA	NA	25
Unknown Substituted Benzene	NA	NA	15
Unknown Cycloalkane	NA	NA	17
Unknown Branched Alkane	NA	NA	29
Unknown Branched Alkane	NA	NA	36
Unknown Branched Alkane	NA	NA	48
Unknown Hydrocarbon	NA	NA	20
Unknown Cycloalkane	NA	NA	38
Unknown Alkene	NA	NA	17

J = Below detection limit, but supported by duplicate analysis.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	100	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	103	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SVP-1-54

ID#: 9506004-11A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060610
Dil. Factor: 4.9

Date of Collection: 5/30/95
Date of Analysis: 6/6/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.49	Not Detected
Freon 114	0.49	Not Detected
Chloromethane	0.49	Not Detected
Vinyl Chloride	0.49	Not Detected
Bromomethane	0.49	Not Detected
Chloroethane	0.49	Not Detected
Freon 11	0.49	Not Detected
1,1-Dichloroethene	0.49	Not Detected
Freon 113	0.49	Not Detected
Methylene Chloride	0.49	0.86
1,1-Dichloroethane	0.49	Not Detected
cis-1,2-Dichloroethene	0.49	Not Detected
Chloroform	0.49	Not Detected
1,1,1-Trichloroethane	0.49	Not Detected
Carbon Tetrachloride	0.49	Not Detected
Benzene	0.49	Not Detected
1,2-Dichloroethane	0.49	1.6
Trichloroethene	0.49	0.57
1,2-Dichloropropane	0.49	Not Detected
cis-1,3-Dichloropropene	0.49	Not Detected
Toluene	0.49	Not Detected
trans-1,3-Dichloropropene	0.49	Not Detected
1,1,2-Trichloroethane	0.49	Not Detected
Tetrachloroethene	0.49	Not Detected
Ethylene Dibromide	0.49	Not Detected
Chlorobenzene	0.49	Not Detected
Ethyl Benzene	0.49	Not Detected
m,p-Xylene	0.49	0.63
o-Xylene	0.49	Not Detected
Styrene	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.49	Not Detected
1,3,5-Trimethylbenzene	0.49	Not Detected
1,2,4-Trimethylbenzene	0.49	Not Detected
1,3-Dichlorobenzene	0.49	Not Detected
1,4-Dichlorobenzene	0.49	Not Detected
Chlorotoluene	0.49	Not Detected
1,2-Dichlorobenzene	0.49	Not Detected
1,2,4-Trichlorobenzene	0.49	Not Detected
Hexachlorobutadiene	0.49	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP-1-54

ID#: 9506004-11A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060610 Date of Collection: 5/30/95
Dil. Factor: 4.9 Date of Analysis: 6/6/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Ketone	NA	NA	17
Unknown Hydrocarbon	NA	NA	7.9
Unknown Hydrocarbon	NA	NA	5.8
Unknown Cyclic	NA	NA	26
Unknown Hydrocarbon	NA	NA	7.8
Unknown Hydrocarbon	NA	NA	16
Unknown Branched Alkane	NA	NA	10
Unknown Hydrocarbon	NA	NA	11
Unknown Alkane	NA	NA	10
Unknown Substituted Alkane	NA	NA	22

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	97	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	101	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-1-54

ID#: 9506004-12A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060609 Date of Collection: 5/30/95
Dil. Factor: 4.3 Date of Analysis: 6/6/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.43	0.52
Freon 114	0.43	0.54
Chloromethane	0.43	Not Detected
Vinyl Chloride	0.43	Not Detected
Bromomethane	0.43	Not Detected
Chloroethane	0.43	Not Detected
Freon 11	0.43	Not Detected
1,1-Dichloroethene	0.43	Not Detected
Freon 113	0.43	Not Detected
Methylene Chloride	0.43	Not Detected
1,1-Dichloroethane	0.43	Not Detected
cis-1,2-Dichloroethene	0.43	Not Detected
Chloroform	0.43	Not Detected
1,1,1-Trichloroethane	0.43	Not Detected
Carbon Tetrachloride	0.43	Not Detected
Benzene	0.43	0.47
1,2-Dichloroethane	0.43	Not Detected
Trichloroethene	0.43	Not Detected
1,2-Dichloropropane	0.43	Not Detected
cis-1,3-Dichloropropene	0.43	Not Detected
Toluene	0.43	2.0
trans-1,3-Dichloropropene	0.43	Not Detected
1,1,2-Trichloroethane	0.43	Not Detected
Tetrachloroethene	0.43	Not Detected
Ethylene Dibromide	0.43	Not Detected
Chlorobenzene	0.43	Not Detected
Ethyl Benzene	0.43	Not Detected
m,p-Xylene	0.43	1.5
o-Xylene	0.43	0.56
Styrene	0.43	Not Detected
1,1,2,2-Tetrachloroethane	0.43	Not Detected
1,3,5-Trimethylbenzene	0.43	Not Detected
1,2,4-Trimethylbenzene	0.43	Not Detected
1,3-Dichlorobenzene	0.43	Not Detected
1,4-Dichlorobenzene	0.43	Not Detected
Chlorotoluene	0.43	Not Detected
1,2-Dichlorobenzene	0.43	Not Detected
1,2,4-Trichlorobenzene	0.43	Not Detected
Hexachlorobutadiene	0.43	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-1-54

ID#: 9506004-12A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060609

Date of Collection: 5/30/95

Dil. Factor: 4.3

Date of Analysis: 6/6/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	5.6
Unknown Alkane	NA	NA	30
Unknown Alkane	NA	NA	21
Unknown Cycloalkane	NA	NA	5.0
Unknown Alkane	NA	NA	14
Unknown Alkane	NA	NA	7.9
Unknown Alkane	NA	NA	4.6
Unknown Alkane	NA	NA	13

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	96	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	99	70-130

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AIR TOXICS LTD.

SAMPLE NAME: ONA-1

ID#: 9506004-13A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060516
Dil. Factor: 2.1

Date of Collection: 5/30/95
Date of Analysis: 6/5/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.21	0.46
Freon 114	0.21	Not Detected
Chloromethane	0.21	1.3
Vinyl Chloride	0.21	Not Detected
Bromomethane	0.21	Not Detected
Chloroethane	0.21	Not Detected
Freon 11	0.21	0.24
1,1-Dichloroethene	0.21	Not Detected
Freon 113	0.21	Not Detected
Methylene Chloride	0.21	Not Detected
1,1-Dichloroethane	0.21	Not Detected
cis-1,2-Dichloroethene	0.21	Not Detected
Chloroform	0.21	Not Detected
1,1,1-Trichloroethane	0.21	Not Detected
Carbon Tetrachloride	0.21	Not Detected
Benzene	0.21	0.33
1,2-Dichloroethane	0.21	Not Detected
Trichloroethene	0.21	Not Detected
1,2-Dichloropropane	0.21	Not Detected
cis-1,3-Dichloropropene	0.21	Not Detected
Toluene	0.21	2.6
trans-1,3-Dichloropropene	0.21	Not Detected
1,1,2-Trichloroethane	0.21	Not Detected
Tetrachloroethene	0.21	Not Detected
Ethylene Dibromide	0.21	Not Detected
Chlorobenzene	0.21	Not Detected
Ethyl Benzene	0.21	0.36
m,p-Xylene	0.21	2.0
o-Xylene	0.21	0.39
Styrene	0.21	Not Detected
1,1,2,2-Tetrachloroethane	0.21	Not Detected
1,3,5-Trimethylbenzene	0.21	Not Detected
1,2,4-Trimethylbenzene	0.21	Not Detected
1,3-Dichlorobenzene	0.21	Not Detected
1,4-Dichlorobenzene	0.21	Not Detected
Chlorotoluene	0.21	Not Detected
1,2-Dichlorobenzene	0.21	Not Detected
1,2,4-Trichlorobenzene	0.21	Not Detected
Hexachlorobutadiene	0.21	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: ONA-1

ID#: 9506004-13A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060516

Date of Collection: 5/30/95

Dil. Factor: 2.1

Date of Analysis: 6/5/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	3.4
Unknown Hydrocarbon	NA	NA	4.6
Unknown Hydrocarbon	NA	NA	4.5
Unknown Hydrocarbon	NA	NA	5.9
Unknown Alkane	NA	NA	15
Unknown Branched Alkane	NA	NA	7.9
Unknown Alkane	NA	NA	15
Unknown Hydrocarbon	NA	NA	9.4
Unknown Alkane	NA	NA	11
Unknown Hydrocarbon	NA	NA	5.2

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	100	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

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AIR TOXICS LTD.

SAMPLE NAME: OFA-2-40

ID#: 9506047-01A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060811
Dil. Factor: 2.0

Date of Collection: 6/1/95
Date of Analysis: 6/8/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.20	0.47
Freon 114	0.20	Not Detected
Chloromethane	0.20	1.0
Vinyl Chloride	0.20	Not Detected
Bromomethane	0.20	Not Detected
Chloroethane	0.20	Not Detected
Freon 11	0.20	0.26
1,1-Dichloroethene	0.20	Not Detected
Freon 113	0.20	Not Detected
Methylene Chloride	0.20	Not Detected
1,1-Dichloroethane	0.20	Not Detected
cis-1,2-Dichloroethene	0.20	Not Detected
Chloroform	0.20	Not Detected
1,1,1-Trichloroethane	0.20	Not Detected
Carbon Tetrachloride	0.20	Not Detected
Benzene	0.20	0.21
1,2-Dichloroethane	0.20	Not Detected
Trichloroethene	0.20	Not Detected
1,2-Dichloropropane	0.20	Not Detected
cis-1,3-Dichloropropene	0.20	Not Detected
Toluene	0.20	0.75
trans-1,3-Dichloropropene	0.20	Not Detected
1,1,2-Trichloroethane	0.20	Not Detected
Tetrachloroethene	0.20	Not Detected
Ethylene Dibromide	0.20	Not Detected
Chlorobenzene	0.20	Not Detected
Ethyl Benzene	0.20	Not Detected
m,p-Xylene	0.20	0.55
o-Xylene	0.20	Not Detected
Styrene	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.20	Not Detected
1,3,5-Trimethylbenzene	0.20	Not Detected
1,2,4-Trimethylbenzene	0.20	Not Detected
1,3-Dichlorobenzene	0.20	Not Detected
1,4-Dichlorobenzene	0.20	Not Detected
Chlorotoluene	0.20	Not Detected
1,2-Dichlorobenzene	0.20	Not Detected
1,2,4-Trichlorobenzene	0.20	Not Detected
Hexachlorobutadiene	0.20	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: OFA-2-40

ID#: 9506047-01A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060811
Dil. Factor: 2.0

Date of Collection: 6/1/95
Date of Analysis: 6/8/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	5.6
Unknown Hydrocarbon	NA	NA	4.3
Unknown Hydrocarbon	NA	NA	7.3
Unknown Alkane	NA	NA	5.0
Unknown Alcohol	NA	NA	13
Unknown Branched Alkane	NA	NA	14
Unknown Branched Alkane	NA	NA	4.8
Unknown Hydrocarbon	NA	NA	15
Unknown Branched Alkane	NA	NA	19
Unknown Branched Alkane	NA	NA	7.5

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	108	70-130
Toluene-d8	108	70-130
4-Bromofluorobenzene	103	70-130

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AIR TOXICS LTD.

SAMPLE NAME: OFA-2-60

ID#: 9506047-02A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060812
Dil. Factor: 2.0

Date of Collection: 6/1/95
Date of Analysis: 6/8/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.20	0.45
Freon 114	0.20	Not Detected
Chloromethane	0.20	0.61
Vinyl Chloride	0.20	Not Detected
Bromomethane	0.20	Not Detected
Chloroethane	0.20	Not Detected
Freon 11	0.20	0.26
1,1-Dichloroethene	0.20	1.9
Freon 113	0.20	0.84
Methylene Chloride	0.20	Not Detected
1,1-Dichloroethane	0.20	Not Detected
cis-1,2-Dichloroethene	0.20	Not Detected
Chloroform	0.20	Not Detected
1,1,1-Trichloroethane	0.20	Not Detected
Carbon Tetrachloride	0.20	Not Detected
Benzene	0.20	0.22
1,2-Dichloroethane	0.20	Not Detected
Trichloroethene	0.20	Not Detected
1,2-Dichloropropane	0.20	Not Detected
cis-1,3-Dichloropropene	0.20	Not Detected
Toluene	0.20	0.81
trans-1,3-Dichloropropene	0.20	Not Detected
1,1,2-Trichloroethane	0.20	Not Detected
Tetrachloroethene	0.20	Not Detected
Ethylene Dibromide	0.20	Not Detected
Chlorobenzene	0.20	Not Detected
Ethyl Benzene	0.20	Not Detected
m,p-Xylene	0.20	0.50
o-Xylene	0.20	0.20
Styrene	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.20	Not Detected
1,3,5-Trimethylbenzene	0.20	Not Detected
1,2,4-Trimethylbenzene	0.20	0.21
1,3-Dichlorobenzene	0.20	Not Detected
1,4-Dichlorobenzene	0.20	Not Detected
Chlorotoluene	0.20	Not Detected
1,2-Dichlorobenzene	0.20	Not Detected
1,2,4-Trichlorobenzene	0.20	Not Detected
Hexachlorobutadiene	0.20	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: OFA-2-60

ID#: 9506047-02A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060812
Dil. Factor: 2.0

Date of Collection: 6/1/95
Date of Analysis: 6/8/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Alcohol	NA	NA	4.4
Unknown Hydrocarbon	NA	NA	2.2
Unknown Hydrocarbon	NA	NA	4.2
Unknown Alkane	NA	NA	2.5
Unknown Hydrocarbon	NA	NA	18
Unknown Alkane	NA	NA	2.3
Unknown Alkane	NA	NA	3.4
Unknown Hydrocarbon	NA	NA	3.9
Unknown Hydrocarbon	NA	NA	5.4
Unknown Alkanoic Acid	NA	NA	8.6

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	100	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	106	70-130

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AIR TOXICS LTD.

SAMPLE NAME: OFA-2-80

ID#: 9506047-03A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060816

Date of Collection: 6/1/95

Dil. Factor: 4.0

Date of Analysis: 6/8/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.40	0.48
Freon 114	0.40	Not Detected
Chloromethane	0.40	0.60
Vinyl Chloride	0.40	Not Detected
Bromomethane	0.40	Not Detected
Chloroethane	0.40	Not Detected
Freon 11	0.40	Not Detected
1,1-Dichloroethene	0.40	Not Detected
Freon 113	0.40	Not Detected
Methylene Chloride	0.40	Not Detected
1,1-Dichloroethane	0.40	Not Detected
cis-1,2-Dichloroethene	0.40	Not Detected
Chloroform	0.40	Not Detected
1,1,1-Trichloroethane	0.40	Not Detected
Carbon Tetrachloride	0.40	Not Detected
Benzene	0.40	0.56
1,2-Dichloroethane	0.40	Not Detected
Trichloroethene	0.40	Not Detected
1,2-Dichloropropane	0.40	Not Detected
cis-1,3-Dichloropropene	0.40	Not Detected
Toluene	0.40	1.4
trans-1,3-Dichloropropene	0.40	Not Detected
1,1,2-Trichloroethane	0.40	Not Detected
Tetrachloroethene	0.40	0.67
Ethylene Dibromide	0.40	Not Detected
Chlorobenzene	0.40	Not Detected
Ethyl Benzene	0.40	Not Detected
m,p-Xylene	0.40	0.79
o-Xylene	0.40	Not Detected
Styrene	0.40	Not Detected
1,1,2,2-Tetrachloroethane	0.40	Not Detected
1,3,5-Trimethylbenzene	0.40	Not Detected
1,2,4-Trimethylbenzene	0.40	Not Detected
1,3-Dichlorobenzene	0.40	Not Detected
1,4-Dichlorobenzene	0.40	Not Detected
Chlorotoluene	0.40	Not Detected
1,2-Dichlorobenzene	0.40	Not Detected
1,2,4-Trichlorobenzene	0.40	Not Detected
Hexachlorobutadiene	0.40	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: OFA-2-80

ID#: 9506047-03A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060816
Dil. Factor: 4.0

Date of Collection: 6/1/95
Date of Analysis: 6/8/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	8.0
Unknown Hydrocarbon	NA	NA	4.3
Unknown Hydrocarbon	NA	NA	4.3
4-Hydroxy-benzenesulfonic Acid	98-67-9	Manual ID	25
Unknown Hydrocarbon	NA	NA	9.6
Unknown Branched Alkane	NA	NA	6.8
Unknown Alkane	NA	NA	92

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	99	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	102	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SVP2-63

ID#: 9506047-07A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060908
Dil. Factor: 2.0

Date of Collection: 6/1/95
Date of Analysis: 6/9/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.20	0.60
Freon 114	0.20	Not Detected
Chloromethane	0.20	0.66
Vinyl Chloride	0.20	Not Detected
Bromomethane	0.20	Not Detected
Chloroethane	0.20	Not Detected
Freon 11	0.20	0.28
1,1-Dichloroethene	0.20	Not Detected
Freon 113	0.20	Not Detected
Methylene Chloride	0.20	0.29
1,1-Dichloroethane	0.20	Not Detected
cis-1,2-Dichloroethene	0.20	Not Detected
Chloroform	0.20	Not Detected
1,1,1-Trichloroethane	0.20	Not Detected
Carbon Tetrachloride	0.20	Not Detected
Benzene	0.20	0.26
1,2-Dichloroethane	0.20	Not Detected
Trichloroethene	0.20	Not Detected
1,2-Dichloropropane	0.20	Not Detected
cis-1,3-Dichloropropene	0.20	Not Detected
Toluene	0.20	0.96
trans-1,3-Dichloropropene	0.20	Not Detected
1,1,2-Trichloroethane	0.20	Not Detected
Tetrachloroethene	0.20	Not Detected
Ethylene Dibromide	0.20	Not Detected
Chlorobenzene	0.20	Not Detected
Ethyl Benzene	0.20	Not Detected
m,p-Xylene	0.20	0.46
o-Xylene	0.20	Not Detected
Styrene	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.20	Not Detected
1,3,5-Trimethylbenzene	0.20	Not Detected
1,2,4-Trimethylbenzene	0.20	0.31
1,3-Dichlorobenzene	0.20	Not Detected
1,4-Dichlorobenzene	0.20	Not Detected
Chlorotoluene	0.20	Not Detected
1,2-Dichlorobenzene	0.20	Not Detected
1,2,4-Trichlorobenzene	0.20	Not Detected
Hexachlorobutadiene	0.20	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP2-63

ID#: 9506047-07A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060908 Date of Collection: 6/1/95
Dil. Factor: 2.0 Date of Analysis: 6/9/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Branched Alkane	NA	NA	28
Unknown Branched Alkane	NA	NA	19
Unknown Branched Alkane	NA	NA	11
Unknown Branched Alkane	NA	NA	7.8
Unknown Alkane	NA	NA	110
Unknown Alkane	NA	NA	35
Unknown Aromatic	NA	NA	8.7
Unknown Hydrocarbon	NA	NA	8.2
Unknown Hydrocarbon	NA	NA	34
Unknown Branched Alkane	NA	NA	9.0

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	120	70-130
Toluene-d8	111	70-130
4-Bromofluorobenzene	100	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-2-60

ID#: 9506047-08A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060911
Dil. Factor: 4.0

Date of Collection: 6/1/95
Date of Analysis: 6/9/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.40	0.60
Freon 114	0.40	Not Detected
Chloromethane	0.40	0.53
Vinyl Chloride	0.40	Not Detected
Bromomethane	0.40	Not Detected
Chloroethane	0.40	Not Detected
Freon 11	0.40	Not Detected
1,1-Dichloroethene	0.40	Not Detected
Freon 113	0.40	Not Detected
Methylene Chloride	0.40	0.46
1,1-Dichloroethane	0.40	Not Detected
cis-1,2-Dichloroethene	0.40	Not Detected
Chloroform	0.40	Not Detected
1,1,1-Trichloroethane	0.40	Not Detected
Carbon Tetrachloride	0.40	Not Detected
Benzene	0.40	Not Detected
1,2-Dichloroethane	0.40	Not Detected
Trichloroethene	0.40	Not Detected
1,2-Dichloropropane	0.40	Not Detected
cis-1,3-Dichloropropene	0.40	Not Detected
Toluene	0.40	0.73
trans-1,3-Dichloropropene	0.40	Not Detected
1,1,2-Trichloroethane	0.40	Not Detected
Tetrachloroethene	0.40	Not Detected
Ethylene Dibromide	0.40	Not Detected
Chlorobenzene	0.40	Not Detected
Ethyl Benzene	0.40	Not Detected
m,p-Xylene	0.40	0.43
o-Xylene	0.40	Not Detected
Styrene	0.40	Not Detected
1,1,2,2-Tetrachloroethane	0.40	Not Detected
1,3,5-Trimethylbenzene	0.40	Not Detected
1,2,4-Trimethylbenzene	0.40	Not Detected
1,3-Dichlorobenzene	0.40	Not Detected
1,4-Dichlorobenzene	0.40	Not Detected
Chlorotoluene	0.40	Not Detected
1,2-Dichlorobenzene	0.40	Not Detected
1,2,4-Trichlorobenzene	0.40	Not Detected
Hexachlorobutadiene	0.40	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-2-60

ID#: 9506047-08A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060911 Date of Collection: 6/1/95
Dil. Factor: 4.0 Date of Analysis: 6/9/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Hydrocarbon	NA	NA	6.1
Unknown Aromatic	NA	NA	4.3
Unknown Alkane	NA	NA	4.7
Unknown Alkane	NA	NA	18
Unknown Alkane	NA	NA	7.0
Unknown Alkane	NA	NA	5.5
Unknown Hydrocarbon	NA	NA	11
Unknown Hydrocarbon	NA	NA	12
Unknown Aromatic	NA	NA	4.3

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	104	70-130
Toluene-d8	105	70-130
4-Bromofluorobenzene	104	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SVP-2-60

ID#: 9506047-09A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060912
Dil. Factor: 29

Date of Collection: 6/1/95
Date of Analysis: 6/9/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	2.9	Not Detected
Freon 114	2.9	Not Detected
Chloromethane	2.9	Not Detected
Vinyl Chloride	2.9	Not Detected
Bromomethane	2.9	Not Detected
Chloroethane	2.9	Not Detected
Freon 11	2.9	Not Detected
1,1-Dichloroethene	2.9	Not Detected
Freon 113	2.9	Not Detected
Methylene Chloride	2.9	Not Detected
1,1-Dichloroethane	2.9	Not Detected
cis-1,2-Dichloroethene	2.9	Not Detected
Chloroform	2.9	Not Detected
1,1,1-Trichloroethane	2.9	Not Detected
Carbon Tetrachloride	2.9	Not Detected
Benzene	2.9	Not Detected
1,2-Dichloroethane	2.9	Not Detected
Trichloroethene	2.9	Not Detected
1,2-Dichloropropane	2.9	Not Detected
cis-1,3-Dichloropropene	2.9	Not Detected
Toluene	2.9	Not Detected
trans-1,3-Dichloropropene	2.9	Not Detected
1,1,2-Trichloroethane	2.9	Not Detected
Tetrachloroethene	2.9	Not Detected
Ethylene Dibromide	2.9	Not Detected
Chlorobenzene	2.9	Not Detected
Ethyl Benzene	2.9	Not Detected
m,p-Xylene	2.9	Not Detected
o-Xylene	2.9	Not Detected
Styrene	2.9	Not Detected
1,1,2,2-Tetrachloroethane	2.9	Not Detected
1,3,5-Trimethylbenzene	2.9	Not Detected
1,2,4-Trimethylbenzene	2.9	Not Detected
1,3-Dichlorobenzene	2.9	Not Detected
1,4-Dichlorobenzene	2.9	Not Detected
Chlorotoluene	2.9	Not Detected
1,2-Dichlorobenzene	2.9	Not Detected
1,2,4-Trichlorobenzene	2.9	Not Detected
Hexachlorobutadiene	2.9	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP-2-60

ID#: 9506047-09A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060912 Date of Collection: 6/1/95
Dil. Factor: 29 Date of Analysis: 6/9/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Alcohol	NA	NA	320 <i>JN</i>

Note: Sample required dilution due to high levels of carbon dioxide.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	97	70-130
Toluene-d8	109	70-130
4-Bromofluorobenzene	106	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-2-39

ID#: 9506047-10A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060916
Dil. Factor: 3.9

Date of Collection: 6/1/95
Date of Analysis: 6/9/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	0.48
Freon 114	0.39	Not Detected
Chloromethane	0.39	0.62
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	0.49
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	0.95
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	1.2
o-Xylene	0.39	Not Detected
Styrene	0.39	Not Detected
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-2-39

ID#: 9506047-10A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060916 Date of Collection: 6/1/95
Dil. Factor: 3.9 Date of Analysis: 6/9/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	7.3
Phenol	108-95-2	87 %	6.5
Unknown Hydrocarbon	NA	NA	4.2
Unknown Alkane	NA	NA	6.5
Unknown Branched Alkane	NA	NA	7.3
Unknown Alkane	NA	NA	8.8
Unknown Alkane	NA	NA	5.0
Unknown Branched Alkane	NA	NA	4.9

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	100	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	97	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SVP2-39

ID#: 9506047-11A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060914
Dil. Factor: 2.0

Date of Collection: 6/1/95
Date of Analysis: 6/9/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.20	0.48
Freon 114	0.20	Not Detected
Chloromethane	0.20	0.72
Vinyl Chloride	0.20	Not Detected
Bromomethane	0.20	Not Detected
Chloroethane	0.20	Not Detected
Freon 11	0.20	0.26
1,1-Dichloroethene	0.20	Not Detected
Freon 113	0.20	Not Detected
Methylene Chloride	0.20	Not Detected
1,1-Dichloroethane	0.20	Not Detected
cis-1,2-Dichloroethene	0.20	Not Detected
Chloroform	0.20	Not Detected
1,1,1-Trichloroethane	0.20	Not Detected
Carbon Tetrachloride	0.20	Not Detected
Benzene	0.20	Not Detected
1,2-Dichloroethane	0.20	Not Detected
Trichloroethene	0.20	Not Detected
1,2-Dichloropropane	0.20	Not Detected
cis-1,3-Dichloropropene	0.20	Not Detected
Toluene	0.20	1.2
trans-1,3-Dichloropropene	0.20	Not Detected
1,1,2-Trichloroethane	0.20	Not Detected
Tetrachloroethene	0.20	0.68
Ethylene Dibromide	0.20	Not Detected
Chlorobenzene	0.20	Not Detected
Ethyl Benzene	0.20	Not Detected
m,p-Xylene	0.20	0.75
o-Xylene	0.20	0.30
Styrene	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.20	Not Detected
1,3,5-Trimethylbenzene	0.20	Not Detected
1,2,4-Trimethylbenzene	0.20	0.26
1,3-Dichlorobenzene	0.20	Not Detected
1,4-Dichlorobenzene	0.20	Not Detected
Chlorotoluene	0.20	Not Detected
1,2-Dichlorobenzene	0.20	Not Detected
1,2,4-Trichlorobenzene	0.20	Not Detected
Hexachlorobutadiene	0.20	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP2-39

ID#: 9506047-11A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060914 Date of Collection: 6/1/95
Dil. Factor: 2.0 Date of Analysis: 6/9/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	5.6
Unknown Hydrocarbon	NA	NA	3.4
Unknown Alkane	NA	NA	2.6
Unknown Alkane	NA	NA	4.5
Unknown Hydrocarbon	NA	NA	13
Unknown Hydrocarbon	NA	NA	6.0
Unknown Branched Alkane	NA	NA	3.2
Unknown Cycloalkane	NA	NA	3.6
Unknown Hydrocarbon	NA	NA	2.7
Unknown Hydrocarbon	NA	NA	4.4

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	100	70-130
Toluene-d8	108	70-130
4-Bromofluorobenzene	100	70-130

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AIR TOXICS LTD.

SAMPLE NAME: ONA-2

ID#: 9506047-12A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060917
Dil. Factor: 3.5

Date of Collection: 6/1/95
Date of Analysis: 6/9/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.35	0.58
Freon 114	0.35	Not Detected
Chloromethane	0.35	0.60
Vinyl Chloride	0.35	Not Detected
Bromomethane	0.35	Not Detected
Chloroethane	0.35	Not Detected
Freon 11	0.35	Not Detected
1,1-Dichloroethene	0.35	Not Detected
Freon 113	0.35	Not Detected
Methylene Chloride	0.35	5.6
1,1-Dichloroethane	0.35	Not Detected
cis-1,2-Dichloroethene	0.35	Not Detected
Chloroform	0.35	Not Detected
1,1,1-Trichloroethane	0.35	Not Detected
Carbon Tetrachloride	0.35	Not Detected
Benzene	0.35	0.88
1,2-Dichloroethane	0.35	Not Detected
Trichloroethene	0.35	Not Detected
1,2-Dichloropropane	0.35	Not Detected
cis-1,3-Dichloropropene	0.35	Not Detected
Toluene	0.35	2.1
trans-1,3-Dichloropropene	0.35	Not Detected
1,1,2-Trichloroethane	0.35	Not Detected
Tetrachloroethene	0.35	Not Detected
Ethylene Dibromide	0.35	Not Detected
Chlorobenzene	0.35	Not Detected
Ethyl Benzene	0.35	Not Detected
m,p-Xylene	0.35	0.93
o-Xylene	0.35	Not Detected
Styrene	0.35	Not Detected
1,1,2,2-Tetrachloroethane	0.35	Not Detected
1,3,5-Trimethylbenzene	0.35	Not Detected
1,2,4-Trimethylbenzene	0.35	Not Detected
1,3-Dichlorobenzene	0.35	Not Detected
1,4-Dichlorobenzene	0.35	Not Detected
Chlorotoluene	0.35	Not Detected
1,2-Dichlorobenzene	0.35	Not Detected
1,2,4-Trichlorobenzene	0.35	Not Detected
Hexachlorobutadiene	0.35	Not Detected

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9506047-12A

AIR TOXICS LTD.

SAMPLE NAME: ONA-2

ID#: 9506047-12A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060917 Date of Collection: 6/1/95
Dil. Factor: 3.5 Date of Analysis: 6/9/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Hydrocarbon	NA	NA	5.2 <i>↓</i>
Unknown Hydrocarbon	NA	NA	5.4 <i>↓</i>

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	102	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	98	70-130

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AIR TOXICS LTD.

SAMPLE NAME: ONA-22

ID#: 9506047-13A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061008
Dil. Factor: 3.5

Date of Collection: 6/1/95
Date of Analysis: 6/10/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.35	0.55
Freon 114	0.35	Not Detected
Chloromethane	0.35	0.58
Vinyl Chloride	0.35	Not Detected
Bromomethane	0.35	Not Detected
Chloroethane	0.35	Not Detected
Freon 11	0.35	Not Detected
1,1-Dichloroethene	0.35	Not Detected
Freon 113	0.35	Not Detected
Methylene Chloride	0.35	Not Detected
1,1-Dichloroethane	0.35	Not Detected
cis-1,2-Dichloroethene	0.35	Not Detected
Chloroform	0.35	Not Detected
1,1,1-Trichloroethane	0.35	Not Detected
Carbon Tetrachloride	0.35	Not Detected
Benzene	0.35	1.1
1,2-Dichloroethane	0.35	Not Detected
Trichloroethene	0.35	Not Detected
1,2-Dichloropropane	0.35	Not Detected
cis-1,3-Dichloropropene	0.35	Not Detected
Toluene	0.35	1.4
trans-1,3-Dichloropropene	0.35	Not Detected
1,1,2-Trichloroethane	0.35	Not Detected
Tetrachloroethene	0.35	Not Detected
Ethylene Dibromide	0.35	Not Detected
Chlorobenzene	0.35	Not Detected
Ethyl Benzene	0.35	1.3
m,p-Xylene	0.35	2.7
o-Xylene	0.35	0.35
Styrene	0.35	Not Detected
1,1,2,2-Tetrachloroethane	0.35	Not Detected
1,3,5-Trimethylbenzene	0.35	0.80
1,2,4-Trimethylbenzene	0.35	3.7
1,3-Dichlorobenzene	0.35	Not Detected
1,4-Dichlorobenzene	0.35	Not Detected
Chlorotoluene	0.35	Not Detected
1,2-Dichlorobenzene	0.35	Not Detected
1,2,4-Trichlorobenzene	0.35	Not Detected
Hexachlorobutadiene	0.35	Not Detected

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6/10/95

AIR TOXICS LTD.

SAMPLE NAME: ONA-22

ID#: 9506047-13A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061008 Date of Collection: 6/1/95
Dil. Factor: 3.5 Date of Analysis: 6/10/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Alkane	NA	NA	27
1,2,3-Trimethylbenzene	526-73-8	97 %	20
Unknown Substituted Benzene	NA	NA	18
Unknown Substituted Benzene	NA	NA	39
Unknown Hydrocarbon	NA	NA	16
Unknown Alkane	NA	NA	53
Unknown Branched Alkane	NA	NA	49
Unknown Substituted Benzene	NA	NA	20
Unknown Substituted Benzene	NA	NA	16
Unknown Alkane	NA	NA	37

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	101	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	100	70-130

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AIR TOXICS LTD.

SAMPLE NAME: OFA-3-130

ID#: 9506094-01A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061509
Dil. Factor: 1.9

Date of Collection: 6/6/95
Date of Analysis: 6/15/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.19	0.44
Freon 114	0.19	Not Detected
Chloromethane	0.19	1.4
Vinyl Chloride	0.19	Not Detected
Bromomethane	0.19	Not Detected
Chloroethane	0.19	Not Detected
Freon 11	0.19	0.24
1,1-Dichloroethene	0.19	Not Detected
Freon 113	0.19	Not Detected
Methylene Chloride	0.19	Not Detected
1,1-Dichloroethane	0.19	Not Detected
cis-1,2-Dichloroethene	0.19	Not Detected
Chloroform	0.19	Not Detected
1,1,1-Trichloroethane	0.19	Not Detected
Carbon Tetrachloride	0.19	Not Detected
Benzene	0.19	0.42
1,2-Dichloroethane	0.19	Not Detected
Trichloroethene	0.19	Not Detected
1,2-Dichloropropane	0.19	Not Detected
cis-1,3-Dichloropropene	0.19	Not Detected
Toluene	0.19	1.2
trans-1,3-Dichloropropene	0.19	Not Detected
1,1,2-Trichloroethane	0.19	Not Detected
Tetrachloroethene	0.19	Not Detected
Ethylene Dibromide	0.19	Not Detected
Chlorobenzene	0.19	Not Detected
Ethyl Benzene	0.19	Not Detected
m,p-Xylene	0.19	0.64
o-Xylene	0.19	0.20
Styrene	0.19	Not Detected
1,1,2,2-Tetrachloroethane	0.19	Not Detected
1,3,5-Trimethylbenzene	0.19	Not Detected
1,2,4-Trimethylbenzene	0.19	0.74
1,3-Dichlorobenzene	0.19	Not Detected
1,4-Dichlorobenzene	0.19	Not Detected
Chlorotoluene	0.19	Not Detected
1,2-Dichlorobenzene	0.19	Not Detected
1,2,4-Trichlorobenzene	0.19	Not Detected
Hexachlorobutadiene	0.19	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: OFA-3-130

ID#: 9506094-01A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061509
Dil. Factor: 1.9

Date of Collection: 6/6/95
Date of Analysis: 6/15/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Alkane	NA	NA	21
Unknown Substituted Benzene	NA	NA	15
Unknown Branched Alkane	NA	NA	77
Unknown Substituted Benzene	NA	NA	9.0
Unknown Alkane	NA	NA	8.1
Unknown Alkane	NA	NA	12
Unknown Branched Alkane	NA	NA	9.6
Unknown Branched Alkane	NA	NA	79
Unknown Branched Alkane	NA	NA	20
Unknown Cycloalkane	NA	NA	14

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	96	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	101	70-130

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AIR TOXICS LTD.

SAMPLE NAME: OFA-3-150

ID#: 9506094-02A

EPA METHOD TO-14 GC/MS Full Scan

File Name:

F061510

Date of Collection: 6/6/95

Dil. Factor:

1.9

Date of Analysis: 6/15/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.19	0.50
Freon 114	0.19	Not Detected
Chloromethane	0.19	0.66
Vinyl Chloride	0.19	Not Detected
Bromomethane	0.19	Not Detected
Chloroethane	0.19	Not Detected
Freon 11	0.19	0.27
1,1-Dichloroethene	0.19	Not Detected
Freon 113	0.19	Not Detected
Methylene Chloride	0.19	Not Detected
1,1-Dichloroethane	0.19	Not Detected
cis-1,2-Dichloroethene	0.19	Not Detected
Chloroform	0.19	Not Detected
1,1,1-Trichloroethane	0.19	Not Detected
Carbon Tetrachloride	0.19	Not Detected
Benzene	0.19	0.26
1,2-Dichloroethane	0.19	Not Detected
Trichloroethene	0.19	Not Detected
1,2-Dichloropropane	0.19	Not Detected
cis-1,3-Dichloropropene	0.19	Not Detected
Toluene	0.19	0.73
trans-1,3-Dichloropropene	0.19	Not Detected
1,1,2-Trichloroethane	0.19	Not Detected
Tetrachloroethene	0.19	Not Detected
Ethylene Dibromide	0.19	Not Detected
Chlorobenzene	0.19	Not Detected
Ethyl Benzene	0.19	Not Detected
m,p-Xylene	0.19	0.43
o-Xylene	0.19	Not Detected
Styrene	0.19	Not Detected
1,1,2,2-Tetrachloroethane	0.19	Not Detected
1,3,5-Trimethylbenzene	0.19	Not Detected
1,2,4-Trimethylbenzene	0.19	Not Detected
1,3-Dichlorobenzene	0.19	Not Detected
1,4-Dichlorobenzene	0.19	Not Detected
Chlorotoluene	0.19	Not Detected
1,2-Dichlorobenzene	0.19	Not Detected
1,2,4-Trichlorobenzene	0.19	Not Detected
Hexachlorobutadiene	0.19	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: OFA-3-150

ID#: 9506094-02A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061510
Dil. Factor: 1.9

Date of Collection: 6/6/95
Date of Analysis: 6/15/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	2.8 <i>IN</i>
Unknown Hydrocarbon	NA	NA	2.2
Unknown Hydrocarbon	NA	NA	4.1
Unknown Alkane	NA	NA	4.4
Unknown Hydrocarbon	NA	NA	2.5

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	108	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	102	70-130

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AIR TOXICS LTD.

SAMPLE NAME: OFA-3-150 Duplicate

ID#: 9506094-02B

EPA METHOD TO-14 GC/MS Full Scan

File Name:

F061530

Date of Collection: 6/6/95

Dil. Factor:

1.9

Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.19	0.50
Freon 114	0.19	Not Detected
Chloromethane	0.19	0.64
Vinyl Chloride	0.19	Not Detected
Bromomethane	0.19	Not Detected
Chloroethane	0.19	Not Detected
Freon 11	0.19	0.25
1,1-Dichloroethene	0.19	Not Detected
Freon 113	0.19	Not Detected
Methylene Chloride	0.19	Not Detected
1,1-Dichloroethane	0.19	Not Detected
cis-1,2-Dichloroethene	0.19	Not Detected
Chloroform	0.19	Not Detected
1,1,1-Trichloroethane	0.19	Not Detected
Carbon Tetrachloride	0.19	Not Detected
Benzene	0.19	0.25
1,2-Dichloroethane	0.19	Not Detected
Trichloroethene	0.19	Not Detected
1,2-Dichloropropane	0.19	Not Detected
cis-1,3-Dichloropropene	0.19	Not Detected
Toluene	0.19	0.76
trans-1,3-Dichloropropene	0.19	Not Detected
1,1,2-Trichloroethane	0.19	Not Detected
Tetrachloroethene	0.19	Not Detected
Ethylene Dibromide	0.19	Not Detected
Chlorobenzene	0.19	Not Detected
Ethyl Benzene	0.19	Not Detected
m,p-Xylene	0.19	0.41
o-Xylene	0.19	Not Detected
Styrene	0.19	Not Detected
1,1,2,2-Tetrachloroethane	0.19	Not Detected
1,3,5-Trimethylbenzene	0.19	Not Detected
1,2,4-Trimethylbenzene	0.19	Not Detected
1,3-Dichlorobenzene	0.19	Not Detected
1,4-Dichlorobenzene	0.19	Not Detected
Chlorotoluene	0.19	Not Detected
1,2-Dichlorobenzene	0.19	Not Detected
1,2,4-Trichlorobenzene	0.19	Not Detected
Hexachlorobutadiene	0.19	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: OFA-3-150 Duplicate

ID#: 9506094-02B

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061530
Dil. Factor: 1.9

Date of Collection: 6/6/95
Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	2.0 <i>JD</i>
Unknown Hydrocarbon	NA	NA	2.2
Unknown Hydrocarbon	NA	NA	9.2 <i>J</i>

Container Type: 6 Liter Summa Canister

<u>Surrogates</u>	<u>% Recovery</u>	<u>Method Limits</u>
Octafluorotoluene	109	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	104	70-130

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AIR TOXICS LTD.

SAMPLE NAME: OFA-3-170

ID#: 9506094-03A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061511
Dil. Factor: 1.9

Date of Collection: 6/6/95
Date of Analysis: 6/15/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.19	0.54
Freon 114	0.19	Not Detected
Chloromethane	0.19	0.72
Vinyl Chloride	0.19	Not Detected
Bromomethane	0.19	Not Detected
Chloroethane	0.19	Not Detected
Freon 11	0.19	0.30
1,1-Dichloroethene	0.19	Not Detected
Freon 113	0.19	Not Detected
Methylene Chloride	0.19	Not Detected
1,1-Dichloroethane	0.19	Not Detected
cis-1,2-Dichloroethene	0.19	Not Detected
Chloroform	0.19	Not Detected
1,1,1-Trichloroethane	0.19	Not Detected
Carbon Tetrachloride	0.19	Not Detected
Benzene	0.19	0.25
1,2-Dichloroethane	0.19	Not Detected
Trichloroethene	0.19	Not Detected
1,2-Dichloropropane	0.19	Not Detected
cis-1,3-Dichloropropene	0.19	Not Detected
Toluene	0.19	0.83
trans-1,3-Dichloropropene	0.19	Not Detected
1,1,2-Trichloroethane	0.19	Not Detected
Tetrachloroethene	0.19	Not Detected
Ethylene Dibromide	0.19	Not Detected
Chlorobenzene	0.19	Not Detected
Ethyl Benzene	0.19	Not Detected
m,p-Xylene	0.19	0.48
o-Xylene	0.19	Not Detected
Styrene	0.19	Not Detected
1,1,2,2-Tetrachloroethane	0.19	Not Detected
1,3,5-Trimethylbenzene	0.19	Not Detected
1,2,4-Trimethylbenzene	0.19	Not Detected
1,3-Dichlorobenzene	0.19	Not Detected
1,4-Dichlorobenzene	0.19	Not Detected
Chlorotoluene	0.19	Not Detected
1,2-Dichlorobenzene	0.19	Not Detected
1,2,4-Trichlorobenzene	0.19	Not Detected
Hexachlorobutadiene	0.19	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: OFA-3-170

ID#: 9506094-03A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061511
Dil. Factor: 1.9

Date of Collection: 6/6/95
Date of Analysis: 6/15/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	2.4
Unknown Hydrocarbon	NA	NA	2.9
Unknown Hydrocarbon	NA	NA	3.2
Unknown Hydrocarbon	NA	NA	2.2
Unknown Hydrocarbon	NA	NA	2.7
Unknown Alkane	NA	NA	2.0

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	122	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	103	70-130

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AIR TOXICS LTD.

SAMPLE NAME: ONA-3

ID#: 9506094-04A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061515
Dil. Factor: 1.9

Date of Collection: 6/6/95
Date of Analysis: 6/15/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.19	0.58
Freon 114	0.19	Not Detected
Chloromethane	0.19	0.77
Vinyl Chloride	0.19	Not Detected
Bromomethane	0.19	Not Detected
Chloroethane	0.19	Not Detected
Freon 11	0.19	0.31
1,1-Dichloroethene	0.19	Not Detected
Freon 113	0.19	Not Detected
Methylene Chloride	0.19	Not Detected
1,1-Dichloroethane	0.19	Not Detected
cis-1,2-Dichloroethene	0.19	Not Detected
Chloroform	0.19	Not Detected
1,1,1-Trichloroethane	0.19	Not Detected
Carbon Tetrachloride	0.19	Not Detected
Benzene	0.19	0.26
1,2-Dichloroethane	0.19	Not Detected
Trichloroethene	0.19	Not Detected
1,2-Dichloropropane	0.19	Not Detected
cis-1,3-Dichloropropene	0.19	Not Detected
Toluene	0.19	0.84
trans-1,3-Dichloropropene	0.19	Not Detected
1,1,2-Trichloroethane	0.19	Not Detected
Tetrachloroethene	0.19	Not Detected
Ethylene Dibromide	0.19	Not Detected
Chlorobenzene	0.19	Not Detected
Ethyl Benzene	0.19	Not Detected
m,p-Xylene	0.19	0.43
o-Xylene	0.19	Not Detected
Styrene	0.19	Not Detected
1,1,2,2-Tetrachloroethane	0.19	Not Detected
1,3,5-Trimethylbenzene	0.19	Not Detected
1,2,4-Trimethylbenzene	0.19	Not Detected
1,3-Dichlorobenzene	0.19	Not Detected
1,4-Dichlorobenzene	0.19	Not Detected
Chlorotoluene	0.19	Not Detected
1,2-Dichlorobenzene	0.19	Not Detected
1,2,4-Trichlorobenzene	0.19	Not Detected
Hexachlorobutadiene	0.19	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: ONA-3

ID#: 9506094-04A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061515 Date of Collection: 6/6/95
Dil. Factor: 1.9 Date of Analysis: 6/15/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	3.4
Unknown Hydrocarbon	NA	NA	2.1
Unknown Alkane	NA	NA	2.0
Unknown Alkane	NA	NA	3.7
Unknown Aromatic	NA	NA	3.8
Unknown Cyclic Aromatic	NA	NA	4.2
Unknown Hydrocarbon	NA	NA	2.2
Unknown Branched Alkane	NA	NA	2.5
Unknown Hydrocarbon	NA	NA	2.6
Unknown Hydrocarbon	NA	NA	2.1

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	125	70-130
Toluene-d8	110	70-130
4-Bromofluorobenzene	102	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-3-54

ID#: 9506094-05A

EPA METHOD TO-14 GC/MS Full Scan

File Name:

F061521

Date of Collection: 6/6/95

Dil. Factor:

1.9

Date of Analysis: 6/15/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.19	0.75
Freon 114	0.19	Not Detected
Chloromethane	0.19	0.65
Vinyl Chloride	0.19	Not Detected
Bromomethane	0.19	Not Detected
Chloroethane	0.19	Not Detected
Freon 11	0.19	3.6
1,1-Dichloroethene	0.19	Not Detected
Freon 113	0.19	Not Detected
Methylene Chloride	0.19	0.28
1,1-Dichloroethane	0.19	Not Detected
cis-1,2-Dichloroethene	0.19	Not Detected
Chloroform	0.19	Not Detected
1,1,1-Trichloroethane	0.19	Not Detected
Carbon Tetrachloride	0.19	Not Detected
Benzene	0.19	0.26
1,2-Dichloroethane	0.19	Not Detected
Trichloroethene	0.19	Not Detected
1,2-Dichloropropane	0.19	Not Detected
cis-1,3-Dichloropropene	0.19	Not Detected
Toluene	0.19	0.61
trans-1,3-Dichloropropene	0.19	Not Detected
1,1,2-Trichloroethane	0.19	Not Detected
Tetrachloroethene	0.19	Not Detected
Ethylene Dibromide	0.19	Not Detected
Chlorobenzene	0.19	Not Detected
Ethyl Benzene	0.19	0.24
m,p-Xylene	0.19	0.58
o-Xylene	0.19	0.27
Styrene	0.19	Not Detected
1,1,2,2-Tetrachloroethane	0.19	Not Detected
1,3,5-Trimethylbenzene	0.19	Not Detected
1,2,4-Trimethylbenzene	0.19	0.25
1,3-Dichlorobenzene	0.19	Not Detected
1,4-Dichlorobenzene	0.19	0.19
Chlorotoluene	0.19	Not Detected
1,2-Dichlorobenzene	0.19	Not Detected
1,2,4-Trichlorobenzene	0.19	0.50
Hexachlorobutadiene	0.19	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-3-54

ID#: 9506094-05A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061521 Date of Collection: 6/6/95
Dil. Factor: 1.9 Date of Analysis: 6/15/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Ketone	NA	NA	4.7
Methyl Ethyl Ketone	78-93-3	Manual ID	6.0
Carbamic Acid, 2-propenyl ester	2114-11-6	86 %	12
Unknown Branched Alkane	NA	NA	13
Unknown Alkane	NA	NA	2.6
Unknown Branched Alkene	NA	NA	20
Unknown Cyclic Aromatic	NA	NA	31
Unknown Branched Alkane	NA	NA	2.6
Unknown Hydrocarbon	NA	NA	2.0
Unknown Branched Alkene	NA	NA	35

Q = Exceeds Quality Control limits of 70% to 130% due to matrix effect.

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	152 Q	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	104	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SVP-3-54

ID#: 9506094-06A

EPA METHOD TO-14 GC/MS Full Scan

File Name:

F061522

Date of Collection: 6/6/95

Dil. Factor:

1.9

Date of Analysis: 6/15/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.19	Not Detected
Freon 114	0.19	Not Detected
Chloromethane	0.19	0.77
Vinyl Chloride	0.19	Not Detected
Bromomethane	0.19	Not Detected
Chloroethane	0.19	Not Detected
Freon 11	0.19	0.39
1,1-Dichloroethene	0.19	Not Detected
Freon 113	0.19	Not Detected
Methylene Chloride	0.19	0.61
1,1-Dichloroethane	0.19	Not Detected
cis-1,2-Dichloroethene	0.19	Not Detected
Chloroform	0.19	Not Detected
1,1,1-Trichloroethane	0.19	Not Detected
Carbon Tetrachloride	0.19	Not Detected
Benzene	0.19	Not Detected
1,2-Dichloroethane	0.19	0.55
Trichloroethene	0.19	Not Detected
1,2-Dichloropropane	0.19	Not Detected
cis-1,3-Dichloropropene	0.19	Not Detected
Toluene	0.19	0.30
trans-1,3-Dichloropropene	0.19	Not Detected
1,1,2-Trichloroethane	0.19	Not Detected
Tetrachloroethene	0.19	Not Detected
Ethylene Dibromide	0.19	Not Detected
Chlorobenzene	0.19	Not Detected
Ethyl Benzene	0.19	Not Detected
m,p-Xylene	0.19	0.25
o-Xylene	0.19	Not Detected
Styrene	0.19	Not Detected
1,1,2,2-Tetrachloroethane	0.19	Not Detected
1,3,5-Trimethylbenzene	0.19	Not Detected
1,2,4-Trimethylbenzene	0.19	0.21
1,3-Dichlorobenzene	0.19	Not Detected
1,4-Dichlorobenzene	0.19	Not Detected
Chlorotoluene	0.19	Not Detected
1,2-Dichlorobenzene	0.19	Not Detected
1,2,4-Trichlorobenzene	0.19	Not Detected
Hexachlorobutadiene	0.19	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP-3-54

ID#: 9506094-06A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061522
Dil. Factor: 1.9

Date of Collection: 6/6/95
Date of Analysis: 6/15/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Alkene	NA	NA	6.6
Unknown Hydrocarbon	NA	NA	5.3
Unknown Alkane	NA	NA	5.8
Unknown Hydrocarbon	NA	NA	4.5
Unknown Hydrocarbon	NA	NA	6.1
Unknown Aromatic	NA	NA	6.3
Carbamic Acid, phenyl ester	622-46-8	Manual ID	110
Unknown Amine	NA	NA	15
Unknown Cyclic Aromatic	NA	NA	15
Unknown C13 Hydrocarbon	NA	NA	6.3

Q = Exceeds Quality Control limits of 70% to 130% due to matrix effect.

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	152 Q	70-130
Toluene-d8	108	70-130
4-Bromofluorobenzene	103	70-130

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9/5/95

AIR TOXICS LTD.

SAMPLE NAME: SK-3-60

ID#: 9506094-07A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061523
Dil. Factor: 3.8

Date of Collection: 6/6/95
Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.38	0.55
Freon 114	0.38	Not Detected
Chloromethane	0.38	0.73
Vinyl Chloride	0.38	Not Detected
Bromomethane	0.38	Not Detected
Chloroethane	0.38	Not Detected
Freon 11	0.38	Not Detected
1,1-Dichloroethene	0.38	Not Detected
Freon 113	0.38	Not Detected
Methylene Chloride	0.38	Not Detected
1,1-Dichloroethane	0.38	Not Detected
cis-1,2-Dichloroethene	0.38	Not Detected
Chloroform	0.38	Not Detected
1,1,1-Trichloroethane	0.38	Not Detected
Carbon Tetrachloride	0.38	Not Detected
Benzene	0.38	0.71
1,2-Dichloroethane	0.38	Not Detected
Trichloroethene	0.38	Not Detected
1,2-Dichloropropane	0.38	Not Detected
cis-1,3-Dichloropropene	0.38	Not Detected
Toluene	0.38	1.1
trans-1,3-Dichloropropene	0.38	Not Detected
1,1,2-Trichloroethane	0.38	Not Detected
Tetrachloroethene	0.38	Not Detected
Ethylene Dibromide	0.38	Not Detected
Chlorobenzene	0.38	Not Detected
Ethyl Benzene	0.38	Not Detected
m,p-Xylene	0.38	0.70
o-Xylene	0.38	Not Detected
Styrene	0.38	Not Detected
1,1,2,2-Tetrachloroethane	0.38	Not Detected
1,3,5-Trimethylbenzene	0.38	Not Detected
1,2,4-Trimethylbenzene	0.38	Not Detected
1,3-Dichlorobenzene	0.38	Not Detected
1,4-Dichlorobenzene	0.38	Not Detected
Chlorotoluene	0.38	Not Detected
1,2-Dichlorobenzene	0.38	Not Detected
1,2,4-Trichlorobenzene	0.38	Not Detected
Hexachlorobutadiene	0.38	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-3-60

ID#: 9506094-07A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061523
Dil. Factor: 3.8

Date of Collection: 6/6/95
Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	4.1 <i>JN</i>
Unknown Hydrocarbon	NA	NA	5.0
Unknown Alkane	NA	NA	4.0
Unknown Aromatic	NA	NA	21
Unknown Hydrocarbon	NA	NA	5.1
Unknown Substituted Benzene	NA	NA	5.8
Unknown Hydrocarbon	NA	NA	30
Unknown Alkane	NA	NA	7.7
Unknown Hydrocarbon	NA	NA	7.2
Unknown Hydrocarbon	NA	NA	5.6

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	97	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	101	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SVP-3-60

ID#: 9506094-08A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061512 Date of Collection: 6/6/95
Dil. Factor: 3.8 Date of Analysis: 6/15/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.38	Not Detected
Freon 114	0.38	Not Detected
Chloromethane	0.38	Not Detected
Vinyl Chloride	0.38	Not Detected
Bromomethane	0.38	Not Detected
Chloroethane	0.38	Not Detected
Freon 11	0.38	Not Detected
1,1-Dichloroethene	0.38	Not Detected
Freon 113	0.38	Not Detected
Methylene Chloride	0.38	Not Detected
1,1-Dichloroethane	0.38	Not Detected
cis-1,2-Dichloroethene	0.38	Not Detected
Chloroform	0.38	Not Detected
1,1,1-Trichloroethane	0.38	Not Detected
Carbon Tetrachloride	0.38	Not Detected
Benzene	0.38	0.62
1,2-Dichloroethane	0.38	Not Detected
Trichloroethene	0.38	Not Detected
1,2-Dichloropropane	0.38	Not Detected
cis-1,3-Dichloropropene	0.38	Not Detected
Toluene	0.38	0.82
trans-1,3-Dichloropropene	0.38	Not Detected
1,1,2-Trichloroethane	0.38	Not Detected
Tetrachloroethene	0.38	Not Detected
Ethylene Dibromide	0.38	Not Detected
Chlorobenzene	0.38	Not Detected
Ethyl Benzene	0.38	Not Detected
m,p-Xylene	0.38	0.67
o-Xylene	0.38	Not Detected
Styrene	0.38	Not Detected
1,1,2,2-Tetrachloroethane	0.38	Not Detected
1,3,5-Trimethylbenzene	0.38	Not Detected
1,2,4-Trimethylbenzene	0.38	Not Detected
1,3-Dichlorobenzene	0.38	Not Detected
1,4-Dichlorobenzene	0.38	Not Detected
Chlorotoluene	0.38	Not Detected
1,2-Dichlorobenzene	0.38	Not Detected
1,2,4-Trichlorobenzene	0.38	Not Detected
Hexachlorobutadiene	0.38	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SVP-3-60

ID#: 9506094-08A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061512 Date of Collection: 6/6/95
Dil. Factor: 3.8 Date of Analysis: 6/15/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	5.8 JP

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	98	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	110	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-3-63

ID#: 9506094-09A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061524
Dil. Factor: 4.0

Date of Collection: 6/6/95
Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.40	0.85
Freon 114	0.40	Not Detected
Chloromethane	0.40	1.6
Vinyl Chloride	0.40	1.2
Bromomethane	0.40	Not Detected
Chloroethane	0.40	Not Detected
Freon 11	0.40	Not Detected
1,1-Dichloroethene	0.40	Not Detected
Freon 113	0.40	Not Detected
Methylene Chloride	0.40	Not Detected
1,1-Dichloroethane	0.40	Not Detected
cis-1,2-Dichloroethene	0.40	0.53
Chloroform	0.40	Not Detected
1,1,1-Trichloroethane	0.40	Not Detected
Carbon Tetrachloride	0.40	Not Detected
Benzene	0.40	0.93
1,2-Dichloroethane	0.40	Not Detected
Trichloroethene	0.40	Not Detected
1,2-Dichloropropane	0.40	Not Detected
cis-1,3-Dichloropropene	0.40	Not Detected
Toluene	0.40	4.3
trans-1,3-Dichloropropene	0.40	Not Detected
1,1,2-Trichloroethane	0.40	Not Detected
Tetrachloroethene	0.40	Not Detected
Ethylene Dibromide	0.40	Not Detected
Chlorobenzene	0.40	Not Detected
Ethyl Benzene	0.40	1.8
m,p-Xylene	0.40	3.4
o-Xylene	0.40	1.2
Styrene	0.40	Not Detected
1,1,2,2-Tetrachloroethane	0.40	Not Detected
1,3,5-Trimethylbenzene	0.40	0.41
1,2,4-Trimethylbenzene	0.40	1.0
1,3-Dichlorobenzene	0.40	Not Detected
1,4-Dichlorobenzene	0.40	Not Detected
Chlorotoluene	0.40	Not Detected
1,2-Dichlorobenzene	0.40	Not Detected
1,2,4-Trichlorobenzene	0.40	Not Detected
Hexachlorobutadiene	0.40	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-3-63

ID#: 9506094-09A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061524 Date of Collection: 6/6/95
Dil. Factor: 4.0 Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	10
Unknown Alkane	NA	NA	9.6
Unknown Cyclic Aromatic	NA	NA	11
Unknown Cyclic Aromatic	NA	NA	21
Unknown Hydrocarbon	NA	NA	8.6
Unknown Hydrocarbon	NA	NA	20
Unknown Branched Hydrocarbon	NA	NA	25
Unknown Branched Alkane	NA	NA	9.6
Unknown Alkane	NA	NA	7.9
Unknown C13 Hydrocarbon	NA	NA	15

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	99	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	106	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SVP-3-63

ID#: 9506094-10A

EPA METHOD TO-14 GC/MS Full Scan

File Name:

F061513

Date of Collection: 6/6/95

Dil. Factor:

7.8

Date of Analysis: 6/15/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.78	Not Detected
Freon 114	0.78	1.0
Chloromethane	0.78	Not Detected
Vinyl Chloride	0.78	Not Detected
Bromomethane	0.78	Not Detected
Chloroethane	0.78	Not Detected
Freon 11	0.78	Not Detected
1,1-Dichloroethene	0.78	Not Detected
Freon 113	0.78	Not Detected
Methylene Chloride	0.78	Not Detected
1,1-Dichloroethane	0.78	Not Detected
cis-1,2-Dichloroethene	0.78	Not Detected
Chloroform	0.78	Not Detected
1,1,1-Trichloroethane	0.78	Not Detected
Carbon Tetrachloride	0.78	Not Detected
Benzene	0.78	12
1,2-Dichloroethane	0.78	2.3
Trichloroethene	0.78	Not Detected
1,2-Dichloropropane	0.78	Not Detected
cis-1,3-Dichloropropene	0.78	Not Detected
Toluene	0.78	2.8
trans-1,3-Dichloropropene	0.78	Not Detected
1,1,2-Trichloroethane	0.78	Not Detected
Tetrachloroethene	0.78	Not Detected
Ethylene Dibromide	0.78	Not Detected
Chlorobenzene	0.78	Not Detected
Ethyl Benzene	0.78	1.5
m,p-Xylene	0.78	2.4
o-Xylene	0.78	Not Detected
Styrene	0.78	Not Detected
1,1,2,2-Tetrachloroethane	0.78	Not Detected
1,3,5-Trimethylbenzene	0.78	4.0
1,2,4-Trimethylbenzene	0.78	Not Detected
1,3-Dichlorobenzene	0.78	Not Detected
1,4-Dichlorobenzene	0.78	Not Detected
Chlorotoluene	0.78	Not Detected
1,2-Dichlorobenzene	0.78	Not Detected
1,2,4-Trichlorobenzene	0.78	Not Detected
Hexachlorobutadiene	0.78	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP-3-63

ID#: 9506094-10A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061513
Dil. Factor: 7.8

Date of Collection: 6/6/95
Date of Analysis: 6/15/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Alkene	NA	NA	490
Unknown Branched Hydrocarbon	NA	NA	1100
Unknown Alkane	NA	NA	470
Unknown Branched Hydrocarbon	NA	NA	600
Unknown Alkene	NA	NA	500
Unknown Cyclic Aromatic	NA	NA	1200
Unknown Cyclic Aromatic	NA	NA	760
1,2-Dimethyl-3-(1-methylethyl)cyclopentane	489-20-3	78%	510
Unknown Cyclic Aromatic	NA	NA	390
Unknown Branched Hydrocarbon	NA	NA	760

Q = Exceeds Quality Control limits of 70% to 130% due to matrix effect. Matrix effects confirmed by re-analysis.

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	95	70-130
Toluene-d8	110	70-130
4-Bromofluorobenzene	367 Q	70-130

AIR TOXICS LTD.

SAMPLE NAME: SVP-3-63 Duplicate

ID#: 9506094-10B

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061516

Date of Collection: 6/6/95

Dil. Factor: 7.8

Date of Analysis: 6/15/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.78	Not Detected
Freon 114	0.78	0.92
Chloromethane	0.78	Not Detected
Vinyl Chloride	0.78	Not Detected
Bromomethane	0.78	Not Detected
Chloroethane	0.78	Not Detected
Freon 11	0.78	Not Detected
1,1-Dichloroethene	0.78	Not Detected
Freon 113	0.78	Not Detected
Methylene Chloride	0.78	Not Detected
1,1-Dichloroethane	0.78	Not Detected
cis-1,2-Dichloroethene	0.78	Not Detected
Chloroform	0.78	Not Detected
1,1,1-Trichloroethane	0.78	Not Detected
Carbon Tetrachloride	0.78	Not Detected
Benzene	0.78	11
1,2-Dichloroethane	0.78	2.2
Trichloroethene	0.78	Not Detected
1,2-Dichloropropane	0.78	Not Detected
cis-1,3-Dichloropropene	0.78	Not Detected
Toluene	0.78	2.8
trans-1,3-Dichloropropene	0.78	Not Detected
1,1,2-Trichloroethane	0.78	Not Detected
Tetrachloroethene	0.78	Not Detected
Ethylene Dibromide	0.78	Not Detected
Chlorobenzene	0.78	Not Detected
Ethyl Benzene	0.78	1.6
m,p-Xylene	0.78	2.1
o-Xylene	0.78	Not Detected
Styrene	0.78	Not Detected
1,1,2,2-Tetrachloroethane	0.78	Not Detected
1,3,5-Trimethylbenzene	0.78	3.8
1,2,4-Trimethylbenzene	0.78	Not Detected
1,3-Dichlorobenzene	0.78	Not Detected
1,4-Dichlorobenzene	0.78	Not Detected
Chlorotoluene	0.78	Not Detected
1,2-Dichlorobenzene	0.78	Not Detected
1,2,4-Trichlorobenzene	0.78	Not Detected
Hexachlorobutadiene	0.78	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP-3-63 Duplicate

ID#: 9506094-10B

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061516 Date of Collection: 6/6/95
Dil. Factor: 7.8 Date of Analysis: 6/15/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Alkene	NA	NA	500
Unknown Branched Hydrocarbon	NA	NA	1000
Unknown Alkane	NA	NA	440
Unknown Branched Hydrocarbon	NA	NA	620
Unknown Alkene	NA	NA	460
Unknown Cyclic Aromatic	NA	NA	1200
Unknown Cyclic Aromatic	NA	NA	810
Unknown Cyclic Aromatic	NA	NA	460
Unknown Cyclic Aromatic	NA	NA	380
Unknown Branched Hydrocarbon	NA	NA	760

Q = Exceeds Quality Control limits of 70% to 130% due to matrix effect. Matrix effects confirmed by re-analysis.

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	101	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	368 Q	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-3-66

ID#: 9506094-11A

EPA METHOD TO-14 GC/MS Full Scan

File Name:

F061525

Date of Collection: 6/6/95

Dil. Factor:

3.8

Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.38	0.55
Freon 114	0.38	Not Detected
Chloromethane	0.38	0.93
Vinyl Chloride	0.38	Not Detected
Bromomethane	0.38	Not Detected
Chloroethane	0.38	Not Detected
Freon 11	0.38	0.41
1,1-Dichloroethene	0.38	2.2
Freon 113	0.38	Not Detected
Methylene Chloride	0.38	0.39
1,1-Dichloroethane	0.38	Not Detected
cis-1,2-Dichloroethene	0.38	Not Detected
Chloroform	0.38	Not Detected
1,1,1-Trichloroethane	0.38	4.0
Carbon Tetrachloride	0.38	Not Detected
Benzene	0.38	1.0
1,2-Dichloroethane	0.38	Not Detected
Trichloroethene	0.38	Not Detected
1,2-Dichloropropane	0.38	Not Detected
cis-1,3-Dichloropropene	0.38	Not Detected
Toluene	0.38	1.2
trans-1,3-Dichloropropene	0.38	Not Detected
1,1,2-Trichloroethane	0.38	0.69
Tetrachloroethene	0.38	Not Detected
Ethylene Dibromide	0.38	Not Detected
Chlorobenzene	0.38	0.71
Ethyl Benzene	0.38	Not Detected
m,p-Xylene	0.38	2.0
o-Xylene	0.38	0.93
Styrene	0.38	Not Detected
1,1,2,2-Tetrachloroethane	0.38	Not Detected
1,3,5-Trimethylbenzene	0.38	Not Detected
1,2,4-Trimethylbenzene	0.38	Not Detected
1,3-Dichlorobenzene	0.38	Not Detected
1,4-Dichlorobenzene	0.38	Not Detected
Chlorotoluene	0.38	Not Detected
1,2-Dichlorobenzene	0.38	Not Detected
1,2,4-Trichlorobenzene	0.38	Not Detected
Hexachlorobutadiene	0.38	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-3-66

ID#: 9506094-11A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061525
Dil. Factor: 3.8

Date of Collection: 6/6/95
Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Hydrocarbon	NA	NA	10
Unknown Hydrocarbon	NA	NA	4.4
Unknown Hydrocarbon	NA	NA	8.6
Unknown Hydrocarbon	NA	NA	12
Unknown Hydrocarbon	NA	NA	11
Unknown Hydrocarbon	NA	NA	18
Unknown Hydrocarbon	NA	NA	11
Unknown Alkane	NA	NA	6.4
Unknown Cyclic Aromatic	NA	NA	32
Unknown Cyclic Aromatic	NA	NA	39

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	102	70-130
Toluene-d8	107	70-130
4-Bromofluorobenzene	106	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-3-39

ID#: 9506094-12A

EPA METHOD TO-14 GC/MS Full Scan

File Name:

F061526

Date of Collection: 6/6/95

Dil. Factor:

3.8

Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.38	0.52
Freon 114	0.38	Not Detected
Chloromethane	0.38	Not Detected
Vinyl Chloride	0.38	Not Detected
Bromomethane	0.38	Not Detected
Chloroethane	0.38	Not Detected
Freon 11	0.38	Not Detected
1,1-Dichloroethene	0.38	Not Detected
Freon 113	0.38	Not Detected
Methylene Chloride	0.38	Not Detected
1,1-Dichloroethane	0.38	Not Detected
cis-1,2-Dichloroethene	0.38	Not Detected
Chloroform	0.38	Not Detected
1,1,1-Trichloroethane	0.38	Not Detected
Carbon Tetrachloride	0.38	Not Detected
Benzene	0.38	0.46
1,2-Dichloroethane	0.38	Not Detected
Trichloroethene	0.38	Not Detected
1,2-Dichloropropane	0.38	Not Detected
cis-1,3-Dichloropropene	0.38	Not Detected
Toluene	0.38	0.75
trans-1,3-Dichloropropene	0.38	Not Detected
1,1,2-Trichloroethane	0.38	Not Detected
Tetrachloroethene	0.38	Not Detected
Ethylene Dibromide	0.38	Not Detected
Chlorobenzene	0.38	Not Detected
Ethyl Benzene	0.38	Not Detected
m,p-Xylene	0.38	0.40
o-Xylene	0.38	Not Detected
Styrene	0.38	Not Detected
1,1,2,2-Tetrachloroethane	0.38	Not Detected
1,3,5-Trimethylbenzene	0.38	Not Detected
1,2,4-Trimethylbenzene	0.38	Not Detected
1,3-Dichlorobenzene	0.38	Not Detected
1,4-Dichlorobenzene	0.38	Not Detected
Chlorotoluene	0.38	Not Detected
1,2-Dichlorobenzene	0.38	Not Detected
1,2,4-Trichlorobenzene	0.38	Not Detected
Hexachlorobutadiene	0.38	Not Detected

WMA
950718

AIR TOXICS LTD.

SAMPLE NAME: SK-3-39

ID#: 9506094-12A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061526 Date of Collection: 6/6/95
Dil. Factor: 3.8 Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Cyclic Aromatic	NA	NA	25
Carbamic Acid, phenyl ester	622-46-8	Manual ID	6.2
Unknown Alkane	NA	NA	5.4
Unknown Cyclic Aromatic	NA	NA	43
Unknown Hydrocarbon	NA	NA	6.1
Unknown Alkane	NA	NA	8.9
Unknown Hydrocarbon	NA	NA	4.0

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	96	70-130
Toluene-d8	107	70-130
4-Bromofluorobenzene	101	70-130

WMM
950718

AIR TOXICS LTD.

SAMPLE NAME: SVP-3-39

ID#: 9506094-13A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061514
Dil. Factor: 19

Date of Collection: 6/6/95
Date of Analysis: 6/15/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	1.9	Not Detected
Freon 114	1.9	Not Detected
Chloromethane	1.9	Not Detected
Vinyl Chloride	1.9	Not Detected
Bromomethane	1.9	Not Detected
Chloroethane	1.9	Not Detected
Freon 11	1.9	Not Detected
1,1-Dichloroethene	1.9	Not Detected
Freon 113	1.9	Not Detected
Methylene Chloride	1.9	Not Detected
1,1-Dichloroethane	1.9	Not Detected
cis-1,2-Dichloroethene	1.9	Not Detected
Chloroform	1.9	Not Detected
1,1,1-Trichloroethane	1.9	Not Detected
Carbon Tetrachloride	1.9	Not Detected
Benzene	1.9	Not Detected
1,2-Dichloroethane	1.9	Not Detected
Trichloroethene	1.9	Not Detected
1,2-Dichloropropane	1.9	Not Detected
cis-1,3-Dichloropropene	1.9	Not Detected
Toluene	1.9	Not Detected
trans-1,3-Dichloropropene	1.9	Not Detected
1,1,2-Trichloroethane	1.9	Not Detected
Tetrachloroethene	1.9	Not Detected
Ethylene Dibromide	1.9	Not Detected
Chlorobenzene	1.9	Not Detected
Ethyl Benzene	1.9	Not Detected
m,p-Xylene	1.9	Not Detected
o-Xylene	1.9	Not Detected
Styrene	1.9	Not Detected
1,1,2,2-Tetrachloroethane	1.9	Not Detected
1,3,5-Trimethylbenzene	1.9	Not Detected
1,2,4-Trimethylbenzene	1.9	Not Detected
1,3-Dichlorobenzene	1.9	Not Detected
1,4-Dichlorobenzene	1.9	Not Detected
Chlorotoluene	1.9	Not Detected
1,2-Dichlorobenzene	1.9	Not Detected
1,2,4-Trichlorobenzene	1.9	Not Detected
Hexachlorobutadiene	1.9	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP-3-39

ID#: 9506094-13A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061514
Dil. Factor: 19

Date of Collection: 6/6/95
Date of Analysis: 6/15/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Alkene	NA	NA	34
Unknown Alkane	NA	NA	82
Unknown Alkane	NA	NA	24
Unknown Cycloalkane	NA	NA	91
Unknown Cycloalkane	NA	NA	26
Unknown Alkane	NA	NA	50

Container Type: 6 Liter Summa Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	100	70-130
Toluene-d8	105	70-130
4-Bromofluorobenzene	100	70-130

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9/5/95



AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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

No. **003994**

Page 1 of 2

CHAIN-OF-CUSTODY RECORD

Contact Person DAUG MORELL
 Company GLIDER ASSOCIATES, INC
 Address 4104 148th AVE SE City REDMOND State WA Zip 98052
 Phone 206/883-0777 FAX _____
 Collected By: Signature [Signature]

Project info:
 P.O. # _____
 Project # 933.1280.1206
 Project Name NOISELANDS

Turn Around Time:
 Normal
 Rush _____ Specify _____

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum		
				Initial	Final	Receipt
01A	OFA-3-130	950606-2100	TO 14 IDENTAP + TTC	-29	9.1	9.0 ^{HA}
02A/B	OFA-3-150				9.4	9.0 ^{HA}
03A	OFA-3-170				9.0	9.0 ^{HA}
04A	ONA-3				8.6	8.5 ^{HA}
05A	SK-3-54				8.4	8.5 ^{HA}
06A	SVP-3-54				8.7	8.5 ^{HA}
07A	SK-3-60				9.2	9.0 ^{HA}
08A	SVP-3-60				9.8	9.0 ^{HA}
09A	SK-3-63				10.0	10 ^{HA}
09A	SVP-3-63				9.5	9.5 ^{HA}

(-Hei)

Notes:

Relinquished By: (Signature) [Signature] Date/Time 950607 0830 Print Name _____
 Received By: (Signature) _____ Date/Time _____
 Relinquished By: (Signature) _____ Date/Time _____
 Received By: (Signature) _____ Date/Time 6/18/95

Relinquished By: (Signature) _____ Date/Time _____
 Received By: (Signature) [Signature] Date/Time 10:20
 Shipper Name Fed-X Air Bill # 909 9200 065 Opened By: aw Date/Time 6/6/95 10:20 Condition Ambient Custody Seals Intact? Yes No None N/A 9506094 Work Order #

AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

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

CHAIN-OF-CUSTODY RECORD

No. **003993**
Page **Z** of **Z**

Contact Person DOUG MORELL
Company GOLDER ASSOCIATES
Address _____ City _____ State _____ Zip _____
Phone _____ FAX _____
Collected By: Signature [Signature] Bill [Signature]

Project info:
P.O. # _____
Project # 733-1280-1206
Project Name NARSELUAN

Turn Around Time:
 Normal
 Rush _____ Specify _____
(-1145)

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum	
				Initial	Final / Receipt
11A	SK-3-66	950606-2100		29	9.5 9.0"Hg
12A1B	SK-3-39	+		+	9.2 9.0"Hg
13A	SUP-3-39	+		+	8.8 9.0"Hg

Notes:
Requisitioned By: (Signature) [Signature] Date/Time 950607 0830 Print Name _____
Received By: (Signature) _____ Date/Time _____
Requisitioned By: (Signature) _____ Date/Time _____
Received By: (Signature) _____ Date/Time _____
Requisitioned By: (Signature) _____ Date/Time _____
Received By: (Signature) _____ Date/Time _____
Requisitioned By: (Signature) _____ Date/Time _____
Received By: (Signature) _____ Date/Time _____

Shipper Name FedEx Air Bill # 909 9200 065 Opened By: [Signature] Date/Time 9/6/95 1520 Condition Good Custody Seals Intact? Yes No None N/A
Work Order # 9506094

AIR TOXICS LTD.

SAMPLE NAME: OFA-4-20

ID#: 9506093-01A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061528
Dil. Factor: 4.0

Date of Collection: 6/7/95
Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.40	0.51
Freon 114	0.40	Not Detected
Chloromethane	0.40	0.63
Vinyl Chloride	0.40	Not Detected
Bromomethane	0.40	Not Detected
Chloroethane	0.40	Not Detected
Freon 11	0.40	Not Detected
1,1-Dichloroethene	0.40	Not Detected
Freon 113	0.40	Not Detected
Methylene Chloride	0.40	0.43
1,1-Dichloroethane	0.40	Not Detected
cis-1,2-Dichloroethene	0.40	Not Detected
Chloroform	0.40	Not Detected
1,1,1-Trichloroethane	0.40	Not Detected
Carbon Tetrachloride	0.40	Not Detected
Benzene	0.40	0.67
1,2-Dichloroethane	0.40	Not Detected
Trichloroethene	0.40	Not Detected
1,2-Dichloropropane	0.40	Not Detected
cis-1,3-Dichloropropene	0.40	Not Detected
Toluene	0.40	1.4
trans-1,3-Dichloropropene	0.40	Not Detected
1,1,2-Trichloroethane	0.40	Not Detected
Tetrachloroethene	0.40	Not Detected
Ethylene Dibromide	0.40	Not Detected
Chlorobenzene	0.40	Not Detected
Ethyl Benzene	0.40	0.41
m,p-Xylene	0.40	1.8
o-Xylene	0.40	0.63
Styrene	0.40	Not Detected
1,1,2,2-Tetrachloroethane	0.40	Not Detected
1,3,5-Trimethylbenzene	0.40	Not Detected
1,2,4-Trimethylbenzene	0.40	Not Detected
1,3-Dichlorobenzene	0.40	Not Detected
1,4-Dichlorobenzene	0.40	Not Detected
Chlorotoluene	0.40	Not Detected
1,2-Dichlorobenzene	0.40	Not Detected
1,2,4-Trichlorobenzene	0.40	Not Detected
Hexachlorobutadiene	0.40	Not Detected

[Handwritten signature]
950718

AIR TOXICS LTD.

SAMPLE NAME: OFA-4-20

ID#: 9506093-01A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061528 Date of Collection: 6/7/95
Dil. Factor: 4.0 Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	7.1 JP

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	98	70-130
Toluene-d8	108	70-130
4-Bromofluorobenzene	102	70-130

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950718

AIR TOXICS LTD.

SAMPLE NAME: OFA-4-200

ID#: 9506093-02A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061529

Date of Collection: 6/7/95

Dil. Factor: 2.0

Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.20	0.28
Freon 114	0.20	Not Detected
Chloromethane	0.20	0.33
Vinyl Chloride	0.20	Not Detected
Bromomethane	0.20	Not Detected
Chloroethane	0.20	Not Detected
Freon 11	0.20	Not Detected
1,1-Dichloroethene	0.20	Not Detected
Freon 113	0.20	Not Detected
Methylene Chloride	0.20	Not Detected
1,1-Dichloroethane	0.20	Not Detected
cis-1,2-Dichloroethene	0.20	Not Detected
Chloroform	0.20	Not Detected
1,1,1-Trichloroethane	0.20	Not Detected
Carbon Tetrachloride	0.20	Not Detected
Benzene	0.20	0.25
1,2-Dichloroethane	0.20	Not Detected
Trichloroethene	0.20	1.1
1,2-Dichloropropane	0.20	Not Detected
cis-1,3-Dichloropropene	0.20	Not Detected
Toluene	0.20	0.61
trans-1,3-Dichloropropene	0.20	Not Detected
1,1,2-Trichloroethane	0.20	Not Detected
Tetrachloroethene	0.20	Not Detected
Ethylene Dibromide	0.20	Not Detected
Chlorobenzene	0.20	Not Detected
Ethyl Benzene	0.20	Not Detected
m,p-Xylene	0.20	0.26
o-Xylene	0.20	Not Detected
Styrene	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.20	Not Detected
1,3,5-Trimethylbenzene	0.20	Not Detected
1,2,4-Trimethylbenzene	0.20	Not Detected
1,3-Dichlorobenzene	0.20	Not Detected
1,4-Dichlorobenzene	0.20	Not Detected
Chlorotoluene	0.20	Not Detected
1,2-Dichlorobenzene	0.20	Not Detected
1,2,4-Trichlorobenzene	0.20	Not Detected
Hexachlorobutadiene	0.20	Not Detected

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9506093

AIR TOXICS LTD.

SAMPLE NAME: OFA-4-200

ID#: 9506093-02A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061529

Date of Collection: 6/7/95

Dil. Factor: 2.0

Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Dimethyl Disulfide	624-92-0	Manual ID	23 <i>JN</i>
Unknown Methyl Butyl Disulfide	NA	NA	36
Unknown Sulfide	NA	NA	17
Unknown Cycloalkane	NA	NA	7.6
Unknown Hydrocarbon	NA	NA	120
Unknown N-Propyl Butyl Disulfide	NA	NA	19
Unknown Hydrocarbon	NA	NA	8.1
Unknown Hydrocarbon	NA	NA	120
Unknown Methylpropyl Disulfide	NA	NA	24
Unknown Hydrocarbon	NA	NA	56

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	102	70-130
Toluene-d8	112	70-130
4-Bromofluorobenzene	106	70-130

WMM
950718

AIR TOXICS LTD.

SAMPLE NAME: OFA-4-40

ID#: 9506093-03A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061531
Dil. Factor: 2.1

Date of Collection: 6/7/95
Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.21	0.76
Freon 114	0.21	Not Detected
Chloromethane	0.21	0.90
Vinyl Chloride	0.21	Not Detected
Bromomethane	0.21	Not Detected
Chloroethane	0.21	Not Detected
Freon 11	0.21	0.38
1,1-Dichloroethene	0.21	Not Detected
Freon 113	0.21	Not Detected
Methylene Chloride	0.21	Not Detected
1,1-Dichloroethane	0.21	Not Detected
cis-1,2-Dichloroethene	0.21	Not Detected
Chloroform	0.21	Not Detected
1,1,1-Trichloroethane	0.21	Not Detected
Carbon Tetrachloride	0.21	Not Detected
Benzene	0.21	0.46
1,2-Dichloroethane	0.21	Not Detected
Trichloroethene	0.21	Not Detected
1,2-Dichloropropane	0.21	Not Detected
cis-1,3-Dichloropropene	0.21	Not Detected
Toluene	0.21	1.4
trans-1,3-Dichloropropene	0.21	Not Detected
1,1,2-Trichloroethane	0.21	Not Detected
Tetrachloroethene	0.21	Not Detected
Ethylene Dibromide	0.21	Not Detected
Chlorobenzene	0.21	0.32
Ethyl Benzene	0.21	0.36
m,p-Xylene	0.21	1.6
o-Xylene	0.21	0.54
Styrene	0.21	Not Detected
1,1,2,2-Tetrachloroethane	0.21	Not Detected
1,3,5-Trimethylbenzene	0.21	Not Detected
1,2,4-Trimethylbenzene	0.21	Not Detected
1,3-Dichlorobenzene	0.21	Not Detected
1,4-Dichlorobenzene	0.21	Not Detected
Chlorotoluene	0.21	Not Detected
1,2-Dichlorobenzene	0.21	Not Detected
1,2,4-Trichlorobenzene	0.21	Not Detected
Hexachlorobutadiene	0.21	Not Detected

Wick
950718

AIR TOXICS LTD.

SAMPLE NAME: OFA-4-40

ID#: 9506093-03A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061531
 Dil. Factor: 2.1

Date of Collection: 6/7/95
 Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	4.9
Unknown Hydrocarbon	NA	NA	6.1
Unknown Cycloalkane	NA	NA	6.5
Unknown Hydrocarbon	NA	NA	4.9
Unknown Hydrocarbon	NA	NA	18
Unknown Hydrocarbon	NA	NA	6.0
Unknown Cycloalkane	NA	NA	9.9
Unknown Hydrocarbon	NA	NA	8.0
Unknown Hydrocarbon	NA	NA	15
Unknown Hydrocarbon	NA	NA	5.2

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	139 Q	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	102	70-130

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950718

AIR TOXICS LTD.

SAMPLE NAME: OFA-4-60

ID#: 9506093-04A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061532
Dil. Factor: 4.0

Date of Collection: 6/7/95
Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.40	0.55
Freon 114	0.40	Not Detected
Chloromethane	0.40	0.68
Vinyl Chloride	0.40	Not Detected
Bromomethane	0.40	Not Detected
Chloroethane	0.40	Not Detected
Freon 11	0.40	Not Detected
1,1-Dichloroethene	0.40	Not Detected
Freon 113	0.40	Not Detected
Methylene Chloride	0.40	Not Detected
1,1-Dichloroethane	0.40	Not Detected
cis-1,2-Dichloroethene	0.40	Not Detected
Chloroform	0.40	Not Detected
1,1,1-Trichloroethane	0.40	Not Detected
Carbon Tetrachloride	0.40	Not Detected
Benzene	0.40	0.85
1,2-Dichloroethane	0.40	Not Detected
Trichloroethene	0.40	Not Detected
1,2-Dichloropropane	0.40	Not Detected
cis-1,3-Dichloropropene	0.40	Not Detected
Toluene	0.40	1.5
trans-1,3-Dichloropropene	0.40	Not Detected
1,1,2-Trichloroethane	0.40	Not Detected
Tetrachloroethene	0.40	Not Detected
Ethylene Dibromide	0.40	Not Detected
Chlorobenzene	0.40	Not Detected
Ethyl Benzene	0.40	Not Detected
m,p-Xylene	0.40	0.66
o-Xylene	0.40	Not Detected
Styrene	0.40	Not Detected
1,1,2,2-Tetrachloroethane	0.40	Not Detected
1,3,5-Trimethylbenzene	0.40	Not Detected
1,2,4-Trimethylbenzene	0.40	Not Detected
1,3-Dichlorobenzene	0.40	Not Detected
1,4-Dichlorobenzene	0.40	Not Detected
Chlorotoluene	0.40	Not Detected
1,2-Dichlorobenzene	0.40	Not Detected
1,2,4-Trichlorobenzene	0.40	Not Detected
Hexachlorobutadiene	0.40	Not Detected

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JMM
950718

AIR TOXICS LTD.

SAMPLE NAME: OFA-4-60

ID#: 9506093-04A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061532 Date of Collection: 6/7/95
Dil. Factor: 4.0 Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Hydrocarbon	NA	NA	6.4 <i>17</i>
Unknown Cycloalkane	NA	NA	11 <i>1</i>
Unknown Cycloalkane	NA	NA	5.0 <i>1</i>

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	91	70-130
Toluene-d8	107	70-130
4-Bromofluorobenzene	99	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-4-39

ID#: 9506093-05A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061533
Dil. Factor: 4.0

Date of Collection: 6/7/95
Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.40	0.55
Freon 114	0.40	Not Detected
Chloromethane	0.40	0.62
Vinyl Chloride	0.40	Not Detected
Bromomethane	0.40	Not Detected
Chloroethane	0.40	Not Detected
Freon 11	0.40	Not Detected
1,1-Dichloroethene	0.40	Not Detected
Freon 113	0.40	Not Detected
Methylene Chloride	0.40	Not Detected
1,1-Dichloroethane	0.40	Not Detected
cis-1,2-Dichloroethene	0.40	Not Detected
Chloroform	0.40	Not Detected
1,1,1-Trichloroethane	0.40	Not Detected
Carbon Tetrachloride	0.40	Not Detected
Benzene	0.40	0.69
1,2-Dichloroethane	0.40	Not Detected
Trichloroethene	0.40	Not Detected
1,2-Dichloropropane	0.40	Not Detected
cis-1,3-Dichloropropene	0.40	Not Detected
Toluene	0.40	1.1
trans-1,3-Dichloropropene	0.40	Not Detected
1,1,2-Trichloroethane	0.40	Not Detected
Tetrachloroethene	0.40	Not Detected
Ethylene Dibromide	0.40	Not Detected
Chlorobenzene	0.40	Not Detected
Ethyl Benzene	0.40	Not Detected
m,p-Xylene	0.40	0.46
o-Xylene	0.40	Not Detected
Styrene	0.40	Not Detected
1,1,2,2-Tetrachloroethane	0.40	Not Detected
1,3,5-Trimethylbenzene	0.40	Not Detected
1,2,4-Trimethylbenzene	0.40	Not Detected
1,3-Dichlorobenzene	0.40	Not Detected
1,4-Dichlorobenzene	0.40	Not Detected
Chlorotoluene	0.40	Not Detected
1,2-Dichlorobenzene	0.40	Not Detected
1,2,4-Trichlorobenzene	0.40	Not Detected
Hexachlorobutadiene	0.40	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-4-39

ID#: 9506093-05A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061533
Dil. Factor: 4.0

Date of Collection: 6/7/95
Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	4.1 <i>32</i>
Unknown Hydrocarbon	NA	NA	4.7 <i>+</i>

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	96	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	110	70-130

WMA
950718

AIR TOXICS LTD.

SAMPLE NAME: SVP-4-39

ID#: 9506093-06A

EPA METHOD TO-14 GC/MS Full Scan

File Name:

F061609

Date of Collection: 6/7/95

Dil. Factor:

30

Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	3.0	Not Detected
Freon 114	3.0	Not Detected
Chloromethane	3.0	Not Detected
Vinyl Chloride	3.0	Not Detected
Bromomethane	3.0	Not Detected
Chloroethane	3.0	Not Detected
Freon 11	3.0	Not Detected
1,1-Dichloroethene	3.0	Not Detected
Freon 113	3.0	Not Detected
Methylene Chloride	3.0	Not Detected
1,1-Dichloroethane	3.0	Not Detected
cis-1,2-Dichloroethene	3.0	Not Detected
Chloroform	3.0	Not Detected
1,1,1-Trichloroethane	3.0	Not Detected
Carbon Tetrachloride	3.0	Not Detected
Benzene	3.0	Not Detected
1,2-Dichloroethane	3.0	Not Detected
Trichloroethene	3.0	Not Detected
1,2-Dichloropropane	3.0	Not Detected
cis-1,3-Dichloropropene	3.0	Not Detected
Toluene	3.0	Not Detected
trans-1,3-Dichloropropene	3.0	Not Detected
1,1,2-Trichloroethane	3.0	Not Detected
Tetrachloroethene	3.0	Not Detected
Ethylene Dibromide	3.0	Not Detected
Chlorobenzene	3.0	Not Detected
Ethyl Benzene	3.0	Not Detected
m,p-Xylene	3.0	Not Detected
o-Xylene	3.0	Not Detected
Styrene	3.0	Not Detected
1,1,2,2-Tetrachloroethane	3.0	Not Detected
1,3,5-Trimethylbenzene	3.0	Not Detected
1,2,4-Trimethylbenzene	3.0	Not Detected
1,3-Dichlorobenzene	3.0	Not Detected
1,4-Dichlorobenzene	3.0	Not Detected
Chlorotoluene	3.0	Not Detected
1,2-Dichlorobenzene	3.0	Not Detected
1,2,4-Trichlorobenzene	3.0	Not Detected
Hexachlorobutadiene	3.0	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP-4-39

ID#: 9506093-06A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061609
Dil. Factor: 30

Date of Collection: 6/7/95
Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	180 ^{2N}
Unknown Hydrocarbon	NA	NA	160 _J

Note: Sample analyzed at a dilution due to matrix effects from high levels of Carbon Dioxide.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	89	70-130
Toluene-d8	109	70-130
4-Bromofluorobenzene	110	70-130

MAN
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AIR TOXICS LTD.

SAMPLE NAME: SK-4-60

ID#: 9506093-07A

EPA METHOD TO-14 GC/MS Full Scan

File Name:

F061611

Date of Collection: 6/7/95

Dil. Factor:

3.9

Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	0.56
Freon 114	0.39	Not Detected
Chloromethane	0.39	1.2
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	0.52
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	0.97
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	0.39
m,p-Xylene	0.39	1.3
o-Xylene	0.39	0.49
Styrene	0.39	Not Detected
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

Wink
950718

AIR TOXICS LTD.

SAMPLE NAME: SK-4-60

ID#: 9506093-07A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061611
Dil. Factor: 3.9

Date of Collection: 6/7/95
Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Alkane	NA	NA	54 <i>JN</i>
Unknown Cycloalkane	NA	NA	36
Unknown Hydrocarbon	NA	NA	31 <i>J</i>
Unknown Hydrocarbon	NA	NA	26

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	95	70-130
Toluene-d8	107	70-130
4-Bromofluorobenzene	105	70-130

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950718

AIR TOXICS LTD.

SAMPLE NAME: SVP-4-60

ID#: 9506093-08A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061612
Dil. Factor: 3.9

Date of Collection: 6/7/95
Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	Not Detected
Freon 114	0.39	Not Detected
Chloromethane	0.39	Not Detected
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	0.53
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	0.92
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	1.0
o-Xylene	0.39	Not Detected
Styrene	0.39	Not Detected
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

WMA
950718

AIR TOXICS LTD.

SAMPLE NAME: SVP-4-60

ID#: 9506093-08A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061612 Date of Collection: 6/7/95
Dil. Factor: 3.9 Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	100	70-130
Toluene-d8	110	70-130
4-Bromofluorobenzene	112	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-4-63

ID#: 9506093-09A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061613
Dil. Factor: 4.1

Date of Collection: 6/7/95
Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.41	0.51
Freon 114	0.41	Not Detected
Chloromethane	0.41	1.2
Vinyl Chloride	0.41	Not Detected
Bromomethane	0.41	Not Detected
Chloroethane	0.41	Not Detected
Freon 11	0.41	Not Detected
1,1-Dichloroethene	0.41	Not Detected
Freon 113	0.41	Not Detected
Methylene Chloride	0.41	Not Detected
1,1-Dichloroethane	0.41	Not Detected
cis-1,2-Dichloroethene	0.41	Not Detected
Chloroform	0.41	Not Detected
1,1,1-Trichloroethane	0.41	Not Detected
Carbon Tetrachloride	0.41	Not Detected
Benzene	0.41	1.1
1,2-Dichloroethane	0.41	Not Detected
Trichloroethene	0.41	Not Detected
1,2-Dichloropropane	0.41	Not Detected
cis-1,3-Dichloropropene	0.41	Not Detected
Toluene	0.41	3.4
trans-1,3-Dichloropropene	0.41	Not Detected
1,1,2-Trichloroethane	0.41	Not Detected
Tetrachloroethene	0.41	Not Detected
Ethylene Dibromide	0.41	Not Detected
Chlorobenzene	0.41	Not Detected
Ethyl Benzene	0.41	0.71
m,p-Xylene	0.41	2.5
o-Xylene	0.41	0.96
Styrene	0.41	Not Detected
1,1,2,2-Tetrachloroethane	0.41	Not Detected
1,3,5-Trimethylbenzene	0.41	0.88
1,2,4-Trimethylbenzene	0.41	3.2
1,3-Dichlorobenzene	0.41	Not Detected
1,4-Dichlorobenzene	0.41	Not Detected
Chlorotoluene	0.41	Not Detected
1,2-Dichlorobenzene	0.41	Not Detected
1,2,4-Trichlorobenzene	0.41	Not Detected
Hexachlorobutadiene	0.41	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-4-63

ID#: 9506093-09A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061613
Dil. Factor: 4.1

Date of Collection: 6/7/95
Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Alkene	NA	NA	29
Unknown Substituted Benzene	NA	NA	23
Unknown Branched Alkane	NA	NA	140
Unknown Cycloalkene	NA	NA	47
Unknown Branched Alkane	NA	NA	31
Unknown Hydrocarbon	NA	NA	42
Unknown Benzene	NA	NA	23
Unknown Branched Alkane	NA	NA	280
Unknown Branched Alkane	NA	NA	89
Unknown Hydrocarbon	NA	NA	62

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	96	70-130
Toluene-d8	115	70-130
4-Bromofluorobenzene	112	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-2-54

ID#: 9506047-04A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060906 Date of Collection: 6/1/95
Dil. Factor: 4.0 Date of Analysis: 6/9/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.40	0.46
Freon 114	0.40	Not Detected
Chloromethane	0.40	0.46
Vinyl Chloride	0.40	Not Detected
Bromomethane	0.40	Not Detected
Chloroethane	0.40	Not Detected
Freon 11	0.40	0.24 J
1,1-Dichloroethene	0.40	Not Detected
Freon 113	0.40	Not Detected
Methylene Chloride	0.40	Not Detected
1,1-Dichloroethane	0.40	Not Detected
cis-1,2-Dichloroethene	0.40	Not Detected
Chloroform	0.40	Not Detected
1,1,1-Trichloroethane	0.40	Not Detected
Carbon Tetrachloride	0.40	Not Detected
Benzene	0.40	0.38 J
1,2-Dichloroethane	0.40	Not Detected
Trichloroethene	0.40	Not Detected
1,2-Dichloropropane	0.40	Not Detected
cis-1,3-Dichloropropene	0.40	Not Detected
Toluene	0.40	0.82
trans-1,3-Dichloropropene	0.40	Not Detected
1,1,2-Trichloroethane	0.40	Not Detected
Tetrachloroethene	0.40	Not Detected
Ethylene Dibromide	0.40	Not Detected
Chlorobenzene	0.40	Not Detected
Ethyl Benzene	0.40	Not Detected
m,p-Xylene	0.40	0.59
o-Xylene	0.40	0.22 J
Styrene	0.40	Not Detected
1,1,2,2-Tetrachloroethane	0.40	Not Detected
1,3,5-Trimethylbenzene	0.40	Not Detected
1,2,4-Trimethylbenzene	0.40	0.24 J
1,3-Dichlorobenzene	0.40	Not Detected
1,4-Dichlorobenzene	0.40	Not Detected
Chlorotoluene	0.40	Not Detected
1,2-Dichlorobenzene	0.40	Not Detected
1,2,4-Trichlorobenzene	0.40	Not Detected
Hexachlorobutadiene	0.40	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-2-54

ID#: 9506047-04A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060906

Date of Collection: 6/1/95

Dil. Factor: 4.0

Date of Analysis: 6/9/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	6.2
Unknown Hydrocarbon	NA	NA	14
Unknown Aromatic	NA	NA	7.0
Unknown Aromatic	NA	NA	5.3
Unknown Hydrocarbon	NA	NA	6.2
Unknown Hydrocarbon	NA	NA	7.9
Unknown Hydrocarbon	NA	NA	6.6

J = Below detection limit, but supported by duplicate analysis.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	94	70-130
Toluene-d8	107	70-130
4-Bromofluorobenzene	108	70-130

RAM
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AIR TOXICS LTD.

SAMPLE NAME: SK-2-54 Duplicate

ID#: 9506047-04B

EPA METHOD TO-14 GC/MS Full Scan

File Name:

F060814

Date of Collection: 6/1/95

Dil. Factor:

2.0

Date of Analysis: 6/8/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.20	0.66
Freon 114	0.20	Not Detected
Chloromethane	0.20	0.72
Vinyl Chloride	0.20	Not Detected
Bromomethane	0.20	Not Detected
Chloroethane	0.20	Not Detected
Freon 11	0.20	0.34
1,1-Dichloroethene	0.20	Not Detected
Freon 113	0.20	Not Detected
Methylene Chloride	0.20	Not Detected
1,1-Dichloroethane	0.20	Not Detected
cis-1,2-Dichloroethene	0.20	Not Detected
Chloroform	0.20	Not Detected
1,1,1-Trichloroethane	0.20	Not Detected
Carbon Tetrachloride	0.20	Not Detected
Benzene	0.20	0.32
1,2-Dichloroethane	0.20	Not Detected
Trichloroethene	0.20	Not Detected
1,2-Dichloropropane	0.20	Not Detected
cis-1,3-Dichloropropene	0.20	Not Detected
Toluene	0.20	0.76
trans-1,3-Dichloropropene	0.20	Not Detected
1,1,2-Trichloroethane	0.20	Not Detected
Tetrachloroethene	0.20	Not Detected
Ethylene Dibromide	0.20	Not Detected
Chlorobenzene	0.20	Not Detected
Ethyl Benzene	0.20	Not Detected
m,p-Xylene	0.20	0.57
o-Xylene	0.20	0.22
Styrene	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.20	Not Detected
1,3,5-Trimethylbenzene	0.20	Not Detected
1,2,4-Trimethylbenzene	0.20	0.22
1,3-Dichlorobenzene	0.20	Not Detected
1,4-Dichlorobenzene	0.20	Not Detected
Chlorotoluene	0.20	Not Detected
1,2-Dichlorobenzene	0.20	Not Detected
1,2,4-Trichlorobenzene	0.20	Not Detected
Hexachlorobutadiene	0.20	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-2-54 Duplicate

ID#: 9506047-04B

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060814 Date of Collection: 6/1/95
Dil. Factor: 2.0 Date of Analysis: 6/8/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	21 JP
Unknown Hydrocarbon	NA	NA	2.5
Unknown Hydrocarbon	NA	NA	8.6
Unknown Alkane	NA	NA	24
Unknown Aldehyde	NA	NA	4.8
Unknown Hydrocarbon	NA	NA	3.6
Unknown Alkane	NA	NA	4.3
Unknown Hydrocarbon	NA	NA	9.8
Unknown Alkane	NA	NA	42
Unknown Hydrocarbon	NA	NA	4.2

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	146 Q	70-130
Toluene-d8	105	70-130
4-Bromofluorobenzene	100	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SVP2-54

ID#: 9506047-05A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060905
Dil. Factor: 4.0

Date of Collection: 6/1/95
Date of Analysis: 6/9/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.40	Not Detected
Freon 114	0.40	Not Detected
Chloromethane	0.40	Not Detected
Vinyl Chloride	0.40	Not Detected
Bromomethane	0.40	Not Detected
Chloroethane	0.40	Not Detected
Freon 11	0.40	Not Detected
1,1-Dichloroethene	0.40	Not Detected
Freon 113	0.40	Not Detected
Methylene Chloride	0.40	Not Detected
1,1-Dichloroethane	0.40	Not Detected
cis-1,2-Dichloroethene	0.40	Not Detected
Chloroform	0.40	Not Detected
1,1,1-Trichloroethane	0.40	Not Detected
Carbon Tetrachloride	0.40	Not Detected
Benzene	0.40	Not Detected
1,2-Dichloroethane	0.40	Not Detected
Trichloroethene	0.40	Not Detected
1,2-Dichloropropane	0.40	Not Detected
cis-1,3-Dichloropropene	0.40	Not Detected
Toluene	0.40	Not Detected
trans-1,3-Dichloropropene	0.40	Not Detected
1,1,2-Trichloroethane	0.40	Not Detected
Tetrachloroethene	0.40	Not Detected
Ethylene Dibromide	0.40	Not Detected
Chlorobenzene	0.40	Not Detected
Ethyl Benzene	0.40	Not Detected
m,p-Xylene	0.40	Not Detected
o-Xylene	0.40	Not Detected
Styrene	0.40	Not Detected
1,1,2,2-Tetrachloroethane	0.40	Not Detected
1,3,5-Trimethylbenzene	0.40	Not Detected
1,2,4-Trimethylbenzene	0.40	Not Detected
1,3-Dichlorobenzene	0.40	Not Detected
1,4-Dichlorobenzene	0.40	Not Detected
Chlorotoluene	0.40	Not Detected
1,2-Dichlorobenzene	0.40	Not Detected
1,2,4-Trichlorobenzene	0.40	Not Detected
Hexachlorobutadiene	0.40	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP2-54

ID#: 9506047-05A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060905

Date of Collection: 6/1/95

Dil. Factor: 4.0

Date of Analysis: 6/9/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Alcohol	NA	NA	6.0 JN
Unknown Aromatic	NA	NA	7.9
Unknown Aromatic	NA	NA	6.2
Unknown Aromatic	NA	NA	4.9
Unknown Hydrocarbon	NA	NA	7.2
Unknown Alkane	NA	NA	5.5

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	97	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	98	70-130

MM
950718

AIR TOXICS LTD.

SAMPLE NAME: SK-2-63

ID#: 9506047-06A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F060910
Dil. Factor: 4.0

Date of Collection: 6/1/95
Date of Analysis: 6/9/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.40	0.50
Freon 114	0.40	Not Detected
Chloromethane	0.40	0.58
Vinyl Chloride	0.40	Not Detected
Bromomethane	0.40	Not Detected
Chloroethane	0.40	Not Detected
Freon 11	0.40	Not Detected
1,1-Dichloroethene	0.40	Not Detected
Freon 113	0.40	Not Detected
Methylene Chloride	0.40	Not Detected
1,1-Dichloroethane	0.40	Not Detected
cis-1,2-Dichloroethene	0.40	Not Detected
Chloroform	0.40	Not Detected
1,1,1-Trichloroethane	0.40	Not Detected
Carbon Tetrachloride	0.40	Not Detected
Benzene	0.40	0.59
1,2-Dichloroethane	0.40	Not Detected
Trichloroethene	0.40	Not Detected
1,2-Dichloropropane	0.40	Not Detected
cis-1,3-Dichloropropene	0.40	Not Detected
Toluene	0.40	1.1
trans-1,3-Dichloropropene	0.40	Not Detected
1,1,2-Trichloroethane	0.40	Not Detected
Tetrachloroethene	0.40	Not Detected
Ethylene Dibromide	0.40	Not Detected
Chlorobenzene	0.40	Not Detected
Ethyl Benzene	0.40	Not Detected
m,p-Xylene	0.40	5.7
o-Xylene	0.40	Not Detected
Styrene	0.40	Not Detected
1,1,2,2-Tetrachloroethane	0.40	Not Detected
1,3,5-Trimethylbenzene	0.40	Not Detected
1,2,4-Trimethylbenzene	0.40	Not Detected
1,3-Dichlorobenzene	0.40	Not Detected
1,4-Dichlorobenzene	0.40	Not Detected
Chlorotoluene	0.40	Not Detected
1,2-Dichlorobenzene	0.40	Not Detected
1,2,4-Trichlorobenzene	0.40	Not Detected
Hexachlorobutadiene	0.40	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-2-63

ID#: 9506047-06A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F060910
Dil. Factor: 4.0

Date of Collection: 6/1/95
Date of Analysis: 6/9/95

Compound	CAS Number	Match Quality	Amount (ppbw)
Unknown Alcohol	NA	NA	6.9
Unknown Alkane	NA	NA	12
Unknown Alkane	NA	NA	120
Unknown Branched Alkane	NA	NA	35
Unknown Cycloalkane	NA	NA	7.0
Unknown Branched Alkene	NA	NA	11
Dodecanoic Acid, methyl ester	111-82-0	70 %	15
Unknown Alkane	NA	NA	8.8

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	98	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	100	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SVP-4-63

ID#: 9506093-10A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061608
Dil. Factor: 8.5

Date of Collection: 6/7/95
Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.85	Not Detected
Freon 114	0.85	Not Detected
Chloromethane	0.85	Not Detected
Vinyl Chloride	0.85	Not Detected
Bromomethane	0.85	Not Detected
Chloroethane	0.85	Not Detected
Freon 11	0.85	Not Detected
1,1-Dichloroethene	0.85	Not Detected
Freon 113	0.85	Not Detected
Methylene Chloride	0.85	Not Detected
1,1-Dichloroethane	0.85	Not Detected
cis-1,2-Dichloroethene	0.85	Not Detected
Chloroform	0.85	Not Detected
1,1,1-Trichloroethane	0.85	Not Detected
Carbon Tetrachloride	0.85	Not Detected
Benzene	0.85	9.4
1,2-Dichloroethane	0.85	1.6
Trichloroethene	0.85	Not Detected
1,2-Dichloropropane	0.85	Not Detected
cis-1,3-Dichloropropene	0.85	Not Detected
Toluene	0.85	3.3
trans-1,3-Dichloropropene	0.85	Not Detected
1,1,2-Trichloroethane	0.85	Not Detected
Tetrachloroethene	0.85	Not Detected
Ethylene Dibromide	0.85	Not Detected
Chlorobenzene	0.85	Not Detected
Ethyl Benzene	0.85	1.8
m,p-Xylene	0.85	2.4
o-Xylene	0.85	2.6
Styrene	0.85	Not Detected
1,1,2,2-Tetrachloroethane	0.85	Not Detected
1,3,5-Trimethylbenzene	0.85	4.3
1,2,4-Trimethylbenzene	0.85	Not Detected
1,3-Dichlorobenzene	0.85	Not Detected
1,4-Dichlorobenzene	0.85	Not Detected
Chlorotoluene	0.85	Not Detected
1,2-Dichlorobenzene	0.85	Not Detected
1,2,4-Trichlorobenzene	0.85	Not Detected
Hexachlorobutadiene	0.85	Not Detected

WMA
950718

AIR TOXICS LTD.

SAMPLE NAME: SVP-4-63

ID#: 9506093-10A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061608
Dil. Factor: 8.5

Date of Collection: 6/7/95
Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppbv)
THC*	NA	NA	18000 <i>JA</i>

*THC referenced to Heptane. (MW=100)

Note: Sample analyzed at a dilution due to matrix effects.

Note: Normal Tentatively Identified Compound (TIC) reporting was not used due to high levels of high boiling compounds. There was no useful TIC information to report.

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	84	70-130
Toluene-d8	129	70-130
4-Bromofluorobenzene	387 Q	70-130

Wah
950718

AIR TOXICS LTD.

SAMPLE NAME: SVP-4-63 Duplicate

ID#: 9506093-10B

EPA METHOD TO-14 GC/MS Full Scan

File Name:

F061610

Date of Collection: 6/7/95

Dil. Factor:

8.5

Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.85	Not Detected
Freon 114	0.85	Not Detected
Chloromethane	0.85	Not Detected
Vinyl Chloride	0.85	Not Detected
Bromomethane	0.85	Not Detected
Chloroethane	0.85	Not Detected
Freon 11	0.85	Not Detected
1,1-Dichloroethene	0.85	Not Detected
Freon 113	0.85	Not Detected
Methylene Chloride	0.85	Not Detected
1,1-Dichloroethane	0.85	Not Detected
cis-1,2-Dichloroethene	0.85	Not Detected
Chloroform	0.85	Not Detected
1,1,1-Trichloroethane	0.85	Not Detected
Carbon Tetrachloride	0.85	Not Detected
Benzene	0.85	9.7
1,2-Dichloroethane	0.85	1.7
Trichloroethene	0.85	Not Detected
1,2-Dichloropropane	0.85	Not Detected
cis-1,3-Dichloropropene	0.85	Not Detected
Toluene	0.85	2.7
trans-1,3-Dichloropropene	0.85	Not Detected
1,1,2-Trichloroethane	0.85	Not Detected
Tetrachloroethene	0.85	Not Detected
Ethylene Dibromide	0.85	Not Detected
Chlorobenzene	0.85	Not Detected
Ethyl Benzene	0.85	1.7
m,p-Xylene	0.85	2.3
o-Xylene	0.85	1.7
Styrene	0.85	Not Detected
1,1,2,2-Tetrachloroethane	0.85	Not Detected
1,3,5-Trimethylbenzene	0.85	4.5
1,2,4-Trimethylbenzene	0.85	Not Detected
1,3-Dichlorobenzene	0.85	Not Detected
1,4-Dichlorobenzene	0.85	Not Detected
Chlorotoluene	0.85	Not Detected
1,2-Dichlorobenzene	0.85	Not Detected
1,2,4-Trichlorobenzene	0.85	Not Detected
Hexachlorobutadiene	0.85	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP-4-63 Duplicate

ID#: 9506093-10B

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061610

Date of Collection: 6/7/95

Dil. Factor: 8.5

Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppbv)
THC*	NA	NA	17000 JN

*THC referenced to Heptane. (MW=100)

Note: Sample analyzed at a dilution due to matrix effects.

Note: Normal Tentatively Identified Compound (TIC) reporting was not used due to high levels of high boiling compounds. There was no useful TIC information to report.

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	94	70-130
Toluene-d8	111	70-130
4-Bromofluorobenzene	366 Q	70-130

MM
950718

AIR TOXICS LTD.

SAMPLE NAME: SK-4-54

ID#: 9506093-11A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061614
Dil. Factor: 4.1

Date of Collection: 6/7/95
Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.41	0.64
Freon 114	0.41	Not Detected
Chloromethane	0.41	Not Detected
Vinyl Chloride	0.41	Not Detected
Bromomethane	0.41	Not Detected
Chloroethane	0.41	Not Detected
Freon 11	0.41	Not Detected
1,1-Dichloroethene	0.41	Not Detected
Freon 113	0.41	Not Detected
Methylene Chloride	0.41	Not Detected
1,1-Dichloroethane	0.41	Not Detected
cis-1,2-Dichloroethene	0.41	Not Detected
Chloroform	0.41	Not Detected
1,1,1-Trichloroethane	0.41	Not Detected
Carbon Tetrachloride	0.41	Not Detected
Benzene	0.41	0.44
1,2-Dichloroethane	0.41	Not Detected
Trichloroethene	0.41	Not Detected
1,2-Dichloropropane	0.41	Not Detected
cis-1,3-Dichloropropene	0.41	Not Detected
Toluene	0.41	0.96
trans-1,3-Dichloropropene	0.41	Not Detected
1,1,2-Trichloroethane	0.41	Not Detected
Tetrachloroethene	0.41	Not Detected
Ethylene Dibromide	0.41	Not Detected
Chlorobenzene	0.41	Not Detected
Ethyl Benzene	0.41	Not Detected
m,p-Xylene	0.41	0.53
o-Xylene	0.41	Not Detected
Styrene	0.41	1.5
1,1,2,2-Tetrachloroethane	0.41	Not Detected
1,3,5-Trimethylbenzene	0.41	Not Detected
1,2,4-Trimethylbenzene	0.41	Not Detected
1,3-Dichlorobenzene	0.41	Not Detected
1,4-Dichlorobenzene	0.41	Not Detected
Chlorotoluene	0.41	Not Detected
1,2-Dichlorobenzene	0.41	Not Detected
1,2,4-Trichlorobenzene	0.41	Not Detected
Hexachlorobutadiene	0.41	Not Detected

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950718

AIR TOXICS LTD.

SAMPLE NAME: SK-4-54

ID#: 9506093-11A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F061614 Date of Collection: 6/7/95
Dil. Factor: 4.1 Date of Analysis: 6/16/95

<u>Compound</u>	<u>CAS Number</u>	<u>Match Quality</u>	<u>Amount (ppbv)</u>
None Identified			

Container Type: 6 Liter SUMMA Canister

<u>Surrogates</u>	<u>% Recovery</u>	<u>Method Limits</u>
Octafluorotoluene	95	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	107	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SVP-4-54

ID#: 9506093-12A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F061615
Dil. Factor: 4.1

Date of Collection: 6/7/95
Date of Analysis: 6/16/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.41	Not Detected
Freon 114	0.41	Not Detected
Chloromethane	0.41	Not Detected
Vinyl Chloride	0.41	Not Detected
Bromomethane	0.41	Not Detected
Chloroethane	0.41	Not Detected
Freon 11	0.41	Not Detected
1,1-Dichloroethene	0.41	Not Detected
Freon 113	0.41	Not Detected
Methylene Chloride	0.41	0.62 B
1,1-Dichloroethane	0.41	Not Detected
cis-1,2-Dichloroethene	0.41	Not Detected
Chloroform	0.41	Not Detected
1,1,1-Trichloroethane	0.41	Not Detected
Carbon Tetrachloride	0.41	Not Detected
Benzene	0.41	Not Detected
1,2-Dichloroethane	0.41	1.2
Trichloroethene	0.41	Not Detected
1,2-Dichloropropane	0.41	Not Detected
cis-1,3-Dichloropropene	0.41	Not Detected
Toluene	0.41	0.48
trans-1,3-Dichloropropene	0.41	Not Detected
1,1,2-Trichloroethane	0.41	Not Detected
Tetrachloroethene	0.41	Not Detected
Ethylene Dibromide	0.41	Not Detected
Chlorobenzene	0.41	Not Detected
Ethyl Benzene	0.41	Not Detected
m,p-Xylene	0.41	Not Detected
o-Xylene	0.41	Not Detected
Styrene	0.41	Not Detected
1,1,2,2-Tetrachloroethane	0.41	Not Detected
1,3,5-Trimethylbenzene	0.41	Not Detected
1,2,4-Trimethylbenzene	0.41	Not Detected
1,3-Dichlorobenzene	0.41	Not Detected
1,4-Dichlorobenzene	0.41	Not Detected
Chlorotoluene	0.41	Not Detected
1,2-Dichlorobenzene	0.41	Not Detected
1,2,4-Trichlorobenzene	0.41	Not Detected
Hexachlorobutadiene	0.41	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP-4-54

ID#: 9506093-12A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name:

F061615

Date of Collection: 6/7/95

Dil. Factor:

4.1

Date of Analysis: 6/16/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Hydrocarbon	NA	NA	24
Unknown Substituted Alkane	NA	NA	25

B = Compound present in laboratory blank, background subtraction not performed.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	92	70-130
Toluene-d8	109	70-130
4-Bromofluorobenzene	104	70-130

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AIR TOXICS LTD.

SAMPLE NAME: ONA-4

ID#: 9506093-13A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062121
Dil. Factor: 2.0

Date of Collection: 6/7/95
Date of Analysis: 6/21/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.20	0.49
Freon 114	0.20	Not Detected
Chloromethane	0.20	0.63
Vinyl Chloride	0.20	Not Detected
Bromomethane	0.20	Not Detected
Chloroethane	0.20	Not Detected
Freon 11	0.20	0.25
1,1-Dichloroethene	0.20	Not Detected
Freon 113	0.20	Not Detected
Methylene Chloride	0.20	Not Detected
1,1-Dichloroethane	0.20	Not Detected
cis-1,2-Dichloroethene	0.20	Not Detected
Chloroform	0.20	Not Detected
1,1,1-Trichloroethane	0.20	Not Detected
Carbon Tetrachloride	0.20	Not Detected
Benzene	0.20	0.28
1,2-Dichloroethane	0.20	Not Detected
Trichloroethene	0.20	Not Detected
1,2-Dichloropropane	0.20	Not Detected
cis-1,3-Dichloropropene	0.20	Not Detected
Toluene	0.20	0.82
trans-1,3-Dichloropropene	0.20	Not Detected
1,1,2-Trichloroethane	0.20	Not Detected
Tetrachloroethene	0.20	Not Detected
Ethylene Dibromide	0.20	Not Detected
Chlorobenzene	0.20	Not Detected
Ethyl Benzene	0.20	Not Detected
m,p-Xylene	0.20	0.46
o-Xylene	0.20	Not Detected
Styrene	0.20	Not Detected
1,1,2,2-Tetrachloroethane	0.20	Not Detected
1,3,5-Trimethylbenzene	0.20	Not Detected
1,2,4-Trimethylbenzene	0.20	Not Detected
1,3-Dichlorobenzene	0.20	Not Detected
1,4-Dichlorobenzene	0.20	Not Detected
Chlorotoluene	0.20	0.25
1,2-Dichlorobenzene	0.20	Not Detected
1,2,4-Trichlorobenzene	0.20	Not Detected
Hexachlorobutadiene	0.20	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: ONA-4

ID#: 9506093-13A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

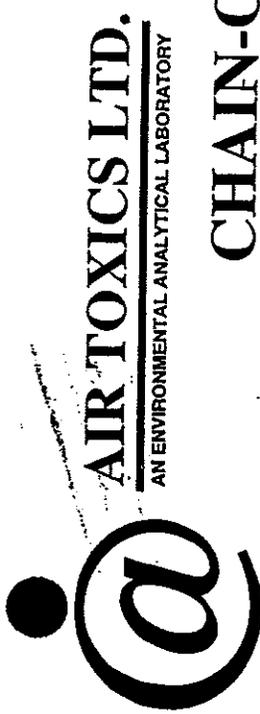
File Name: F062121 Date of Collection: 6/7/95
Dil. Factor: 2.0 Date of Analysis: 6/21/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	2.6
Unknown Hydrocarbon	NA	NA	6.4
Unknown Hydrocarbon	NA	NA	3.7
Unknown Hydrocarbon	NA	NA	6.2
Unknown Hydrocarbon	NA	NA	7.2
Unknown Hydrocarbon	NA	NA	8.1
Unknown Aromatic	NA	NA	2.9
Unknown Alkane	NA	NA	7.7
Unknown Hydrocarbon	NA	NA	7.0

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	107	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	105	70-130

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AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

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

CHAIN-OF-CUSTODY RECORD

No. **003996**

Page 1 of 2

Contact Person: DOUGLAS MORELL
 Company: GOLDER ASSOCIATES INC
 Address: 1104-148th AVE NE City: EDMUND State: WA Zip: 98022
 Phone: 206/883-0777 FAX: _____
 Collected By: Signature [Signature] Billy Jean

Project info:
 P.O. # _____
 Project # 933-1280-1706
 Project Name MORSELELAND

Turn Around Time:
 Normal
 Rush _____ Specify _____
(-Hg)

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum		
				Initial	Final	Receipt
01A	OFA-4-20	950607-10:25	TO 14 IONTRAP + TIC	29	10.4	10" Hg
02A	OFA-4-200				10.3	10" Hg
03A	OFA-4-40				10.0	10.5" Hg
04A	OFA-4-60				10.2	10" Hg
05A	SK-4-39				10.0	10" Hg
06A	SVP-4-39				9.6	10" Hg
07A	SK-4-60				9.7	10.5" Hg
08A	SVP-4-60				9.6	10.5" Hg
09A	SK-4-63				10.0	10.5" Hg
119A	SVP-4-63				11.1	10" Hg

Relinquished By: (Signature) _____ Date/Time _____ Print Name _____
 Received By: (Signature) _____ Date/Time _____
 Relinquished By: (Signature) _____ Date/Time _____
 Received By: (Signature) _____ Date/Time _____
 Relinquished By: (Signature) _____ Date/Time _____
 Received By: (Signature) _____ Date/Time _____

Relinquished By: (Signature) _____ Date/Time _____
 Received By: (Signature) _____ Date/Time 6/8/05
 Relinquished By: (Signature) _____ Date/Time _____
 Received By: (Signature) Ann C. M. Deen-ATR Date/Time 10:30
 Relinquished By: (Signature) _____ Date/Time _____
 Received By: (Signature) _____ Date/Time _____

Shipper Name: Fed-X Air Bill #: 909 7200 065 Opened By: Ann Date/Time: 6/8/05 10:30 Ambient: Good Custody Seals Intact? Yes Condition: Good No None N/A

Lab Use Only: Fed-X 909 7200 065 Ann 6/8/05 10:30 Good Yes Good 9506093

AIR TOXICS LTD.

SAMPLE NAME: SVP-5-39

ID#: 9506159-01A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062123
Dil. Factor: 29

Date of Collection: 6/14/95
Date of Analysis: 6/21/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	2.9	Not Detected
Freon 114	2.9	Not Detected
Chloromethane	2.9	Not Detected
Vinyl Chloride	2.9	Not Detected
Bromomethane	2.9	Not Detected
Chloroethane	2.9	Not Detected
Freon 11	2.9	Not Detected
1,1-Dichloroethene	2.9	Not Detected
Freon 113	2.9	Not Detected
Methylene Chloride	2.9	Not Detected
1,1-Dichloroethane	2.9	Not Detected
cis-1,2-Dichloroethene	2.9	Not Detected
Chloroform	2.9	Not Detected
1,1,1-Trichloroethane	2.9	Not Detected
Carbon Tetrachloride	2.9	Not Detected
Benzene	2.9	Not Detected
1,2-Dichloroethane	2.9	Not Detected
Trichloroethene	2.9	Not Detected
1,2-Dichloropropane	2.9	Not Detected
cis-1,3-Dichloropropene	2.9	Not Detected
Toluene	2.9	Not Detected
trans-1,3-Dichloropropene	2.9	Not Detected
1,1,2-Trichloroethane	2.9	Not Detected
Tetrachloroethene	2.9	Not Detected
Ethylene Dibromide	2.9	Not Detected
Chlorobenzene	2.9	Not Detected
Ethyl Benzene	2.9	Not Detected
m,p-Xylene	2.9	Not Detected
o-Xylene	2.9	Not Detected
Styrene	2.9	Not Detected
1,1,2,2-Tetrachloroethane	2.9	Not Detected
1,3,5-Trimethylbenzene	2.9	Not Detected
1,2,4-Trimethylbenzene	2.9	Not Detected
1,3-Dichlorobenzene	2.9	Not Detected
1,4-Dichlorobenzene	2.9	Not Detected
Chlorotoluene	2.9	Not Detected
1,2-Dichlorobenzene	2.9	Not Detected
1,2,4-Trichlorobenzene	2.9	Not Detected
Hexachlorobutadiene	2.9	Not Detected

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950718

AIR TOXICS LTD.

SAMPLE NAME: SVP-5-39

ID#: 9506159-01A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062123 Date of Collection: 6/14/95
Dil. Factor: 29 Date of Analysis: 6/21/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Hydrocarbon	NA	NA	57
1,3-Butadiene	166-99-0	Manual ID	61
Unknown Ketone	NA	NA	34
Unknown Hydrocarbon	NA	NA	210
Unknown Cyclic	NA	NA	41
Unknown Hydrocarbon	NA	NA	53

Container Type: 6 Liter SUMMA Canister

<u>Surrogates</u>	<u>% Recovery</u>	<u>Method Limits</u>
Octafluorotoluene	101	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-5-39

ID#: 9506159-02A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062125
Dil. Factor: 3.9

Date of Collection: 6/14/95
Date of Analysis: 6/21/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	0.69
Freon 114	0.39	Not Detected
Chloromethane	0.39	0.50
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	0.27 J
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	Not Detected
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	0.42
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	Not Detected
o-Xylene	0.39	Not Detected
Styrene	0.39	1.1
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

John
950718

AIR TOXICS LTD.

SAMPLE NAME: SK-5-39

ID#: 9506159-02A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062125 Date of Collection: 6/14/95
Dil. Factor: 3.9 Date of Analysis: 6/21/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Disulfide	NA	NA	14
Unknown Disulfide	NA	NA	13
Unknown Branched Hydrocarbon	NA	NA	36
Unknown Amine	NA	NA	10
Unknown Branched Hydrocarbon	NA	NA	36
Unknown Hydrocarbon	NA	NA	21
N-Propyl S-butyl Disulfide	59849-54-6	Manual ID	8.3
Unknown Cyclic	NA	NA	11
Unknown Hydrocarbon	NA	NA	15
Unknown Hydrocarbon	NA	NA	9.1

J = Below detection limit, but supported by duplicate analysis.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	109	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	104	70-130

Handwritten signature and date: 9/5/98

AIR TOXICS LTD.

SAMPLE NAME: SK-5-39 Duplicate

ID#: 9506159-02B

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062122
Dil. Factor: 2.0

Date of Collection: 6/14/95
Date of Analysis: 6/21/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.20	0.79
Freon 114	0.20	Not Detected
Chloromethane	0.20	0.61
Vinyl Chloride	0.20	Not Detected
Bromomethane	0.20	Not Detected
Chloroethane	0.20	Not Detected
Freon 11	0.20	0.36
1,1-Dichloroethene	0.20	Not Detected
Freon 113	0.20	Not Detected
Methylene Chloride	0.20	Not Detected
1,1-Dichloroethane	0.20	Not Detected
cis-1,2-Dichloroethene	0.20	Not Detected
Chloroform	0.20	Not Detected
1,1,1-Trichloroethane	0.20	Not Detected
Carbon Tetrachloride	0.20	Not Detected
Benzene	0.20	Not Detected
1,2-Dichloroethane	0.20	Not Detected
Trichloroethene	0.20	Not Detected
1,2-Dichloropropane	0.20	Not Detected
cis-1,3-Dichloropropene	0.20	Not Detected
Toluene	0.20	0.34
trans-1,3-Dichloropropene	0.20	Not Detected
1,1,2-Trichloroethane	0.20	Not Detected
Tetrachloroethene	0.20	Not Detected
Ethylene Dibromide	0.20	Not Detected
Chlorobenzene	0.20	Not Detected
Ethyl Benzene	0.20	Not Detected
m,p-Xylene	0.20	Not Detected
o-Xylene	0.20	Not Detected
Styrene	0.20	0.96
1,1,2,2-Tetrachloroethane	0.20	Not Detected
1,3,5-Trimethylbenzene	0.20	Not Detected
1,2,4-Trimethylbenzene	0.20	Not Detected
1,3-Dichlorobenzene	0.20	Not Detected
1,4-Dichlorobenzene	0.20	Not Detected
Chlorofluorene	0.20	Not Detected
1,2-Dichlorobenzene	0.20	Not Detected
1,2,4-Trichlorobenzene	0.20	Not Detected
Hexachlorobutadiene	0.20	Not Detected

Handwritten signature and number:
950718

AIR TOXICS LTD.

SAMPLE NAME: SK-5-39 Duplicate

ID#: 9506159-02B

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062122 Date of Collection: 6/14/95
Dil. Factor: 1.0 Date of Analysis: 6/21/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Disulfide	NA	NA	12
Unknown Disulfide	NA	NA	12
Unknown Branched Hydrocarbon	NA	NA	33
Unknown Amine	NA	NA	9.1
Unknown Branched Hydrocarbon	NA	NA	33
Unknown Hydrocarbon	NA	NA	25
N-Propyl S-butyl Disulfide	59849-54-6	Manual ID	7.0
Unknown Cyclic	NA	NA	7.9
Unknown Hydrocarbon	NA	NA	21
Unknown Hydrocarbon	NA	NA	12

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	150 Q	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	102	70-130

Handwritten signature and date: 9/30/95

AIR TOXICS LTD.

SAMPLE NAME: SVP-5-54

ID#: 9506159-03A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062124 Date of Collection: 6/14/95
Dil. Factor: 3.8 Date of Analysis: 6/21/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.38	Not Detected
Freon 114	0.38	Not Detected
Chloromethane	0.38	Not Detected
Vinyl Chloride	0.38	Not Detected
Bromomethane	0.38	Not Detected
Chloroethane	0.38	Not Detected
Freon 11	0.38	Not Detected
1,1-Dichloroethene	0.38	Not Detected
Freon 113	0.38	Not Detected
Methylene Chloride	0.38	Not Detected
1,1-Dichloroethane	0.38	Not Detected
cis-1,2-Dichloroethene	0.38	Not Detected
Chloroform	0.38	Not Detected
1,1,1-Trichloroethane	0.38	Not Detected
Carbon Tetrachloride	0.38	Not Detected
Benzene	0.38	Not Detected
1,2-Dichloroethane	0.38	0.41
Trichloroethene	0.38	Not Detected
1,2-Dichloropropane	0.38	Not Detected
cis-1,3-Dichloropropene	0.38	Not Detected
Toluene	0.38	Not Detected
trans-1,3-Dichloropropene	0.38	Not Detected
1,1,2-Trichloroethane	0.38	Not Detected
Tetrachloroethene	0.38	Not Detected
Ethylene Dibromide	0.38	Not Detected
Chlorobenzene	0.38	Not Detected
Ethyl Benzene	0.38	Not Detected
m,p-Xylene	0.38	Not Detected
o-Xylene	0.38	Not Detected
Styrene	0.38	Not Detected
1,1,2,2-Tetrachloroethane	0.38	Not Detected
1,3,5-Trimethylbenzene	0.38	Not Detected
1,2,4-Trimethylbenzene	0.38	Not Detected
1,3-Dichlorobenzene	0.38	Not Detected
1,4-Dichlorobenzene	0.38	Not Detected
Chlorotoluene	0.38	Not Detected
1,2-Dichlorobenzene	0.38	Not Detected
1,2,4-Trichlorobenzene	0.38	Not Detected
Hexachlorobutadiene	0.38	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP-5-54

ID#: 9506159-03A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062124
Dil. Factor: 3.8

Date of Collection: 6/14/95
Date of Analysis: 6/21/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Cyclic	NA	NA	6.6
Unknown Cyclic	NA	NA	4.7
Unknown Hydrocarbon	NA	NA	5.7
Unknown Cyclic	NA	NA	4.2
Unknown Hydrocarbon	NA	NA	5.4
Unknown Amine	NA	NA	10
Unknown Cyclic	NA	NA	11
Unknown Hydrocarbon	NA	NA	9.5
Unknown Cyclic	NA	NA	4.8
Unknown Branched Hydrocarbon	NA	NA	6.3

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	103	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	106	70-130

Handwritten signature and ID:
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AIR TOXICS LTD.

SAMPLE NAME: SK-5-54

ID#: 9506159-04A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062128
Dil. Factor: 3.9

Date of Collection: 6/14/95
Date of Analysis: 6/21/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	0.58
Freon 114	0.39	Not Detected
Chloromethane	0.39	0.87
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	Not Detected
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	0.55
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	Not Detected
o-Xylene	0.39	Not Detected
Styrene	0.39	0.62
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

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9/21/95

AIR TOXICS LTD.

SAMPLE NAME: SK-5-54

ID#: 9506159-04A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062128
Dil. Factor: 3.9

Date of Collection: 6/14/95
Date of Analysis: 6/21/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Cyclic	NA	NA	6.0
Unknown Cyclic	NA	NA	6.1
Unknown Hydrocarbon	NA	NA	8.4
Unknown Cyclic	NA	NA	4.8

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	104	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	107	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SVP-5-60

ID#: 9506159-05A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062127
Dil. Factor: 19

Date of Collection: 6/14/95
Date of Analysis: 6/21/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	1.9	Not Detected
Freon 114	1.9	Not Detected
Chloromethane	1.9	Not Detected
Vinyl Chloride	1.9	Not Detected
Bromomethane	1.9	Not Detected
Chloroethane	1.9	Not Detected
Freon 11	1.9	Not Detected
1,1-Dichloroethene	1.9	Not Detected
Freon 113	1.9	Not Detected
Methylene Chloride	1.9	Not Detected
1,1-Dichloroethane	1.9	Not Detected
cis-1,2-Dichloroethene	1.9	Not Detected
Chloroform	1.9	Not Detected
1,1,1-Trichloroethane	1.9	Not Detected
Carbon Tetrachloride	1.9	Not Detected
Benzene	1.9	Not Detected
1,2-Dichloroethane	1.9	Not Detected
Trichloroethene	1.9	Not Detected
1,2-Dichloropropane	1.9	Not Detected
cis-1,3-Dichloropropene	1.9	Not Detected
Toluene	1.9	Not Detected
trans-1,3-Dichloropropene	1.9	Not Detected
1,1,2-Trichloroethane	1.9	Not Detected
Tetrachloroethene	1.9	Not Detected
Ethylene Dibromide	1.9	Not Detected
Chlorobenzene	1.9	Not Detected
Ethyl Benzene	1.9	Not Detected
m,p-Xylene	1.9	Not Detected
o-Xylene	1.9	Not Detected
Styrene	1.9	Not Detected
1,1,2,2-Tetrachloroethane	1.9	Not Detected
1,3,5-Trimethylbenzene	1.9	Not Detected
1,2,4-Trimethylbenzene	1.9	Not Detected
1,3-Dichlorobenzene	1.9	Not Detected
1,4-Dichlorobenzene	1.9	Not Detected
Chlorotoluene	1.9	Not Detected
1,2-Dichlorobenzene	1.9	Not Detected
1,2,4-Trichlorobenzene	1.9	Not Detected
Hexachlorobutadiene	1.9	Not Detected

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9506159

AIR TOXICS LTD.

SAMPLE NAME: SVP-5-60

ID#: 9506159-05A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062127 Date of Collection: 6/14/95
Dil. Factor: 19 Date of Analysis: 6/21/95

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	97	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	103	70-130

WMM
950718

AIR TOXICS LTD.

SAMPLE NAME: SK-5-60

ID#: 9506159-06A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062129
Dil. Factor: 3.9

Date of Collection: 6/14/95
Date of Analysis: 6/21/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	0.61
Freon 114	0.39	Not Detected
Chloromethane	0.39	0.78
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	0.39
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	0.45
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	Not Detected
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	Not Detected
o-Xylene	0.39	Not Detected
Styrene	0.39	0.44
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

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950718

AIR TOXICS LTD.

SAMPLE NAME: SK-5-60

ID#: 9506159-06A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062129 Date of Collection: 6/14/95
Dil. Factor: 3.9 Date of Analysis: 6/21/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Cyclic	NA	NA	5.5 <i>DP</i>
Unknown Hydrocarbon	NA	NA	3.5
Unknown Hydrocarbon	NA	NA	4.8 <i>J</i>

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	106	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	105	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SVP-5-63

ID#: 9506159-07A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062209
Dil. Factor: 10

Date of Collection: 6/14/95
Date of Analysis: 6/22/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	1.0	Not Detected
Freon 114	1.0	1.2
Chloromethane	1.0	Not Detected
Vinyl Chloride	1.0	Not Detected
Bromomethane	1.0	Not Detected
Chloroethane	1.0	Not Detected
Freon 11	1.0	Not Detected
1,1-Dichloroethene	1.0	Not Detected
Freon 113	1.0	Not Detected
Methylene Chloride	1.0	Not Detected
1,1-Dichloroethane	1.0	4.3
cis-1,2-Dichloroethene	1.0	Not Detected
Chloroform	1.0	Not Detected
1,1,1-Trichloroethane	1.0	Not Detected
Carbon Tetrachloride	1.0	Not Detected
Benzene	1.0	10
1,2-Dichloroethane	1.0	2.2
Trichloroethene	1.0	Not Detected
1,2-Dichloropropane	1.0	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected
Toluene	1.0	2.6
trans-1,3-Dichloropropene	1.0	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected
Tetrachloroethene	1.0	Not Detected
Ethylene Dibromide	1.0	Not Detected
Chlorobenzene	1.0	Not Detected
Ethyl Benzene	1.0	1.4
m,p-Xylene	1.0	1.7
o-Xylene	1.0	5.1
Styrene	1.0	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected
1,3,5-Trimethylbenzene	1.0	3.9
1,2,4-Trimethylbenzene	1.0	1.5
1,3-Dichlorobenzene	1.0	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected
Chlorotoluene	1.0	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected
Hexachlorobutadiene	1.0	Not Detected

WMA
950718

AIR TOXICS LTD.

SAMPLE NAME: SVP-5-63

ID#: 9506159-07A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062209 Date of Collection: 6/14/95
Dil. Factor: 10 Date of Analysis: 6/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)
THC*	NA	NA	16000 <i>JH</i>

*Total Hydrocarbons referenced to Heptane (MW=100).

Note: Normal Tentatively Identified Compound (TIC) reporting was not used due to high levels of high boiling compounds. There was no useful TIC information to report.

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	291 Q	70-130

JH
950718

AIR TOXICS LTD.

SAMPLE NAME: SK-5-63

ID#: 9506159-08A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062130
Dil. Factor: 3.9

Date of Collection: 6/14/95
Date of Analysis: 6/21/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	0.61
Freon 114	0.39	Not Detected
Chloromethane	0.39	0.55
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	0.43
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	0.79
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	0.52
o-Xylene	0.39	Not Detected
Styrene	0.39	0.72
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

WML
950718

AIR TOXICS LTD.

SAMPLE NAME: SK-5-63

ID#: 9506159-08A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062130 Date of Collection: 6/14/95
Dil. Factor: 3.9 Date of Analysis: 6/21/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Hydrocarbon	NA	NA	6.4 <i>JP</i>

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	100	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	105	70-130

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AIR TOXICS LTD.

SAMPLE NAME: ONA-5

ID#: 9506159-09A

EPA METHOD TO-14 GC/MS Full Scan

File Name:

F062131

Date of Collection: 6/14/95

Dil. Factor:

3.9

Date of Analysis: 6/21/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	0.76
Freon 114	0.39	Not Detected
Chloromethane	0.39	1.1
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	Not Detected
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	0.45
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	Not Detected
o-Xylene	0.39	Not Detected
Styrene	0.39	1.2
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

WML
950718

AIR TOXICS LTD.

SAMPLE NAME: ONA-5

ID#: 9506159-09A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062131 Date of Collection: 6/14/95
Dil. Factor: 3.9 Date of Analysis: 6/21/95

<u>Compound</u>	<u>CAS Number</u>	<u>Match Quality</u>	<u>Amount (ppbv)</u>
None Identified			

Container Type: 6 Liter SUMMA Canister

<u>Surrogates</u>	<u>% Recovery</u>	<u>Method Limits</u>
Octafluorotoluene	106	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	109	70-130

MM
950718

AIR TOXICS LTD.

SAMPLE NAME: ONA-55

ID#: 9506159-10A

EPA METHOD TO-14 GC/MS Full Scan

File Name:

F062132

Date of Collection: 6/14/95

Dil. Factor:

3.9

Date of Analysis: 6/21/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	0.67
Freon 114	0.39	Not Detected
Chloromethane	0.39	0.57
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	Not Detected
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	0.46
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	Not Detected
o-Xylene	0.39	Not Detected
Styrene	0.39	1.3
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

WMM
950718

AIR TOXICS LTD.

SAMPLE NAME: ONA-55

ID#: 9506159-10A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062132
Dil. Factor: 3.9

Date of Collection: 6/14/95
Date of Analysis: 6/21/95

<u>Compound</u>	<u>CAS Number</u>	<u>Match Quality</u>	<u>Amount (ppbv)</u>
Unknown Hydrocarbon	NA	NA	4.0 <i>JN</i>

Container Type: 6 Liter SUMMA Canister

<u>Surrogates</u>	<u>% Recovery</u>	<u>Method Limits</u>
Octafluorotoluene	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130

JN
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AIR TOXICS LTD.

SAMPLE NAME: OFA-5-10

ID#: 9506159-11A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062133
Dil. Factor: 3.9

Date of Collection: 6/14/95
Date of Analysis: 6/22/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	0.92
Freon 114	0.39	Not Detected
Chloromethane	0.39	0.96
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	Not Detected
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	Not Detected
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	Not Detected
o-Xylene	0.39	Not Detected
Styrene	0.39	1.0
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: OFA-5-10

ID#: 9506159-11A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062133 Date of Collection: 6/14/95
Dil. Factor: 3.9 Date of Analysis: 6/22/95

<u>Compound</u>	<u>CAS Number</u>	<u>Match Quality</u>	<u>Amount (ppbv)</u>
None Identified			

Container Type: 6 Liter SUMMA Canister

<u>Surrogates</u>	<u>% Recovery</u>	<u>Method Limits</u>
Octafluorotoluene	104	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	108	70-130

WMM
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AIR TOXICS LTD.

SAMPLE NAME: OFA-5-30

ID#: 9506159-12A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062207
Dil. Factor: 3.9

Date of Collection: 6/14/95
Date of Analysis: 6/22/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	0.64
Freon 114	0.39	Not Detected
Chloromethane	0.39	0.54
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	Not Detected
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	0.49
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	Not Detected
o-Xylene	0.39	Not Detected
Styrene	0.39	1.1
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

WMA
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AIR TOXICS LTD.

SAMPLE NAME: OFA-5-30

ID#: 9506159-12A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062207 Date of Collection: 6/14/95
Dil. Factor: 3.9 Date of Analysis: 6/22/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Branched Hydrocarbon	NA	NA	6.4 <i>JW</i>
Unknown Cyclic	NA	NA	4.3 <i>T</i>

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	104	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	105	70-130

WNV
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AIR TOXICS LTD.

SAMPLE NAME: OFA-5-50

ID#: 9506159-13A

EPA METHOD TO-14 GC/MS Full Scan

File Name:

F062208

Date of Collection: 6/14/95

Dil. Factor:

3.9

Date of Analysis: 6/22/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	0.63
Freon 114	0.39	Not Detected
Chloromethane	0.39	0.67
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	0.52
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	0.95
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	1.1
m,p-Xylene	0.39	4.2
o-Xylene	0.39	1.0
Styrene	0.39	0.41
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

Walt
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AIR TOXICS LTD.

SAMPLE NAME: OFA-5-50

ID#: 9506159-13A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062208
Dil. Factor: 3.9

Date of Collection: 6/14/95
Date of Analysis: 6/22/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Cyclic	NA	NA	6.4
Unknown Hydrocarbon	NA	NA	4.5

Container Type: 6 Liter SUMMA Canister

<u>Surrogates</u>	<u>% Recovery</u>	<u>Method Limits</u>
Octafluorotoluene	109	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	108	70-130

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AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

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

CHAIN-OF-CUSTODY RECORD

004249
Page 1 of 2

Contact Person Mike Higgins
Company GOLDER ASSOCIATES, INC.
Address 1104 148th NE City REDMOND State WA Zip 98052
Phone (206) 883-0777 FAX _____
Collected By: Signature [Signature]

Project info:
P.O. # 933-1280
Project Name NORSELAND
RI/FS, Comprehensive
Background Air Study.

Turnt Around Time:
 Normal
 Rush _____ Specify _____

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum		
				Initial	Final	Receipt
01A	SVP-5-39	6/14/95 0717	TO-14 ion trap + TIC's	-29 (in. Hg)	-9.5	9.0" Hg
02A	SVP-5-39	0717			-9.9	9.5" Hg
03A	SVP-5-54	0725			-9.5	9.0" Hg
04A	SVP-5-54	0725			-9.7	9.5" Hg
05A	SVP-5-60	0719			-9.2	9.0" Hg
06A	SVP-5-60	0719			-9.7	9.5" Hg
07A	SVP-5-63	0721			-10.2	10.5" Hg
08A	SVP-5-63	0721			-9.4	9.5" Hg
09A	ONA-5	0724			-9.8	9.5" Hg
10A	ONA-55	0724			-9.5	9.5" Hg

Reinquished By: (Signature) [Signature] Date/Time 6-14
Received By: (Signature) [Signature] Date/Time 6-14
Print Name TOM STAPP
Notes: GAI Redmond

Reinquished By: (Signature) _____ Date/Time _____
Received By: (Signature) [Signature] Date/Time 6/14/95
Temp. (°C) Ambient

Shipper Name [Signature] Air Bill # 636493845x Opened By: [Signature] Date/Time 6/14/95 Condition Good Custody Seals Intact? (Yes) No None N/A
Lab Use Only: 9506158

AIR TOXICS LTD.

SAMPLE NAME: SVP-6-54

ID#: 9506199-01A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062818
Dil. Factor: 3.9

Date of Collection: 6/16/95
Date of Analysis: 6/28/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	Not Detected
Freon 114	0.39	Not Detected
Chloromethane	0.39	Not Detected
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	Not Detected
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	Not Detected
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	Not Detected
o-Xylene	0.39	Not Detected
Styrene	0.39	Not Detected
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	0.50
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

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950718

AIR TOXICS LTD.

SAMPLE NAME: SVP-6-54

ID#: 9506199-01A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062818
Dil. Factor: 3.9

Date of Collection: 6/16/95
Date of Analysis: 6/28/95

Compound	CAS Number	Match Quality	Amount (ppbv)
2,2-Dimethyl-4-pentenal	5497-67-6	72 %	4.0 ✓
Unknown Alkanoic Acid	NA	NA	6.5 ✓
Unknown Cyclic Hydrocarbon	NA	NA	260 ✓
Unknown Cyclic Hydrocarbon	NA	NA	6.4 ✓

Container Type: 6 Liter SUMMA Canister

<u>Surrogates</u>	<u>% Recovery</u>	<u>Method Limits</u>
Octafluorotoluene	99	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	102	70-130

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9506199

AIR TOXICS LTD.

SAMPLE NAME: SK-6-54

ID#: 9506199-02A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062819
Dil. Factor: 3.9

Date of Collection: 6/16/95
Date of Analysis: 6/28/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	0.59
Freon 114	0.39	Not Detected
Chloromethane	0.39	Not Detected
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	0.51
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	0.67
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	0.86
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	Not Detected
o-Xylene	0.39	Not Detected
Styrene	0.39	Not Detected
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

John
950718

AIR TOXICS LTD.

SAMPLE NAME: SK-6-54

ID#: 9506199-02A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062819 Date of Collection: 6/16/95
Dil. Factor: 3.9 Date of Analysis: 6/28/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Cyclic Hydrocarbon	NA	NA	9.4
Unknown Ketone	NA	NA	19
Unknown Hydrocarbon	NA	NA	4.5
2 (1H)-Pyridinone	142-08-5	74 %	11

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-6-540

ID#: 9506199-03A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062820
Dil. Factor: 3.9

Date of Collection: 6/16/95
Date of Analysis: 6/28/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	Not Detected
Freon 114	0.39	Not Detected
Chloromethane	0.39	Not Detected
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	0.50
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	0.69
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	0.93
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	Not Detected
o-Xylene	0.39	Not Detected
Styrene	0.39	Not Detected
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-6-540

ID#: 9506199-03A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062820

Date of Collection: 6/16/95

Dil. Factor: 3.9

Date of Analysis: 6/28/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Cyclic Hydrocarbon	NA	NA	5.0 <i>↗</i>
Unknown Alkanoic Acid	NA	NA	6.0
Unknown Alkane	NA	NA	7.2 <i>↓</i>
Unknown Cyclic Hydrocarbon	NA	NA	4.8 <i>↓</i>

Container Type: 6 Liter SUMMA Canister

<u>Surrogates</u>	<u>% Recovery</u>	<u>Method Limits</u>
Octafluorotoluene	103	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	101	70-130

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AIR TOXICS LTD.

SAMPLE NAME: ONA-6

ID#: 9506199-04A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062821
Dil. Factor: 3.9

Date of Collection: 6/16/95
Date of Analysis: 6/28/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	0.56
Freon 114	0.39	Not Detected
Chloromethane	0.39	Not Detected
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	Not Detected
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	Not Detected
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	Not Detected
o-Xylene	0.39	Not Detected
Styrene	0.39	Not Detected
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

Wald
950718

AIR TOXICS LTD.

SAMPLE NAME: ONA-6

ID#: 9506199-04A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062821
Dil. Factor: 3.9

Date of Collection: 6/16/95
Date of Analysis: 6/28/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Alkene	NA	NA	4.0 <i>JN</i>
Unknown Cyclic Hydrocarbon	NA	NA	4.1
Unknown Alkane	NA	NA	5.4
Unknown Alkene	NA	NA	5.2 <i>J</i>

Container Type: 6 Liter SUMMA Canister

<u>Surrogates</u>	<u>% Recovery</u>	<u>Method Limits</u>
Octafluorotoluene	99	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	106	70-130

WMB
950715

AIR TOXICS LTD.

SAMPLE NAME: SVP-6-63

ID#: 9506199-05A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062907
Dil. Factor: 8.0

Date of Collection: 6/16/95
Date of Analysis: 6/29/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.80	Not Detected
Freon 114	0.80	0.97
Chloromethane	0.80	Not Detected
Vinyl Chloride	0.80	Not Detected
Bromomethane	0.80	Not Detected
Chloroethane	0.80	Not Detected
Freon 11	0.80	Not Detected
1,1-Dichloroethene	0.80	Not Detected
Freon 113	0.80	Not Detected
Methylene Chloride	0.80	Not Detected
1,1-Dichloroethane	0.80	Not Detected
cis-1,2-Dichloroethene	0.80	Not Detected
Chloroform	0.80	Not Detected
1,1,1-Trichloroethane	0.80	Not Detected
Carbon Tetrachloride	0.80	Not Detected
Benzene	0.80	9.3
1,2-Dichloroethane	0.80	2.1
Trichloroethene	0.80	Not Detected
1,2-Dichloropropane	0.80	Not Detected
cis-1,3-Dichloropropene	0.80	Not Detected
Toluene	0.80	2.4
trans-1,3-Dichloropropene	0.80	Not Detected
1,1,2-Trichloroethane	0.80	Not Detected
Tetrachloroethene	0.80	Not Detected
Ethylene Dibromide	0.80	Not Detected
Chlorobenzene	0.80	Not Detected
Ethyl Benzene	0.80	Not Detected
m,p-Xylene	0.80	1.4
o-Xylene	0.80	3.8
Styrene	0.80	Not Detected
1,1,2,2-Tetrachloroethane	0.80	Not Detected
1,3,5-Trimethylbenzene	0.80	Not Detected
1,2,4-Trimethylbenzene	0.80	Not Detected
1,3-Dichlorobenzene	0.80	Not Detected
1,4-Dichlorobenzene	0.80	Not Detected
Chlorotoluene	0.80	Not Detected
1,2-Dichlorobenzene	0.80	Not Detected
1,2,4-Trichlorobenzene	0.80	Not Detected
Hexachlorobutadiene	0.80	Not Detected


950718

AIR TOXICS LTD.

SAMPLE NAME: SVP-6-63

ID#: 9506199-05A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062907 Date of Collection: 6/16/95
Dil. Factor: 8.0 Date of Analysis: 6/29/95

Compound	CAS Number	Match Quality	Amount (ppbv)
THC*	NA	NA	19000 <i>JR</i>

*Total Hydrocarbons referenced to Heptane (MW=100).

Note: Normal Tentatively Identified Compound (TIC) reporting was not used due to the high level of high boiling hydrocarbons. There was no useful TIC information to report.

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	347 Q	70-130

*Wink
9/10/18*

AIR TOXICS LTD.

SAMPLE NAME: SK-6-63

ID#: 9506199-06A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062906
Dil. Factor: 3.9

Date of Collection: 6/16/95
Date of Analysis: 6/29/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	0.63
Freon 114	0.39	Not Detected
Chloromethane	0.39	Not Detected
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	Not Detected
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	0.53
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	0.43
o-Xylene	0.39	Not Detected
Styrene	0.39	Not Detected
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: SK-6-63

ID#: 9506199-06A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062906
Dil. Factor: 3.9

Date of Collection: 6/16/95
Date of Analysis: 6/29/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Cyclic Hydrocarbon	NA	NA	4.7 JN
Unknown Cyclic Hydrocarbon	NA	NA	4.5 J

Container Type: 6 Liter SUMMA Canister

Surrogates

% Recovery

Method Limits

Octafluorotoluene

103

70-130

Toluene-d8

98

70-130

4-Bromofluorobenzene

101

70-130

WMA
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AIR TOXICS LTD.

SAMPLE NAME: SVP-6-60

ID#: 9506199-07A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062905
Dil. Factor: 15

Date of Collection: 6/16/95
Date of Analysis: 6/29/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	1.5	Not Detected
Freon 114	1.5	Not Detected
Chloromethane	1.5	Not Detected
Vinyl Chloride	1.5	Not Detected
Bromomethane	1.5	Not Detected
Chloroethane	1.5	Not Detected
Freon 11	1.5	Not Detected
1,1-Dichloroethene	1.5	Not Detected
Freon 113	1.5	Not Detected
Methylene Chloride	1.5	Not Detected
1,1-Dichloroethane	1.5	Not Detected
cis-1,2-Dichloroethene	1.5	Not Detected
Chloroform	1.5	Not Detected
1,1,1-Trichloroethane	1.5	Not Detected
Carbon Tetrachloride	1.5	Not Detected
Benzene	1.5	Not Detected
1,2-Dichloroethane	1.5	Not Detected
Trichloroethene	1.5	Not Detected
1,2-Dichloropropane	1.5	Not Detected
cis-1,3-Dichloropropene	1.5	Not Detected
Toluene	1.5	Not Detected
trans-1,3-Dichloropropene	1.5	Not Detected
1,1,2-Trichloroethane	1.5	Not Detected
Tetrachloroethene	1.5	Not Detected
Ethylene Dibromide	1.5	Not Detected
Chlorobenzene	1.5	Not Detected
Ethyl Benzene	1.5	Not Detected
m,p-Xylene	1.5	Not Detected
o-Xylene	1.5	Not Detected
Styrene	1.5	Not Detected
1,1,2,2-Tetrachloroethane	1.5	Not Detected
1,3,5-Trimethylbenzene	1.5	Not Detected
1,2,4-Trimethylbenzene	1.5	Not Detected
1,3-Dichlorobenzene	1.5	Not Detected
1,4-Dichlorobenzene	1.5	Not Detected
Chlorotoluene	1.5	Not Detected
1,2-Dichlorobenzene	1.5	Not Detected
1,2,4-Trichlorobenzene	1.5	Not Detected
Hexachlorobutadiene	1.5	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP-6-60

ID#: 9506199-07A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062905 Date of Collection: 6/16/95
Dil. Factor: 15 Date of Analysis: 6/29/95

Compound	CAS Number	Match Quality	Amount (ppbv)
None Identified			

Note: Sample analyzed at a dilution due to matrix effects.

Container Type: 6 Liter SUMMA Canister

<u>Surrogates</u>	<u>% Recovery</u>	<u>Method Limits</u>
Octafluorotoluene	98	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	101	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-6-60

ID#: 9506199-08A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062908
Dil. Factor: 3.8

Date of Collection: 6/16/95
Date of Analysis: 6/29/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.38	0.70
Freon 114	0.38	Not Detected
Chloromethane	0.38	Not Detected
Vinyl Chloride	0.38	Not Detected
Bromomethane	0.38	Not Detected
Chloroethane	0.38	Not Detected
Freon 11	0.38	0.45
1,1-Dichloroethene	0.38	Not Detected
Freon 113	0.38	Not Detected
Methylene Chloride	0.38	Not Detected
1,1-Dichloroethane	0.38	Not Detected
cis-1,2-Dichloroethene	0.38	Not Detected
Chloroform	0.38	Not Detected
1,1,1-Trichloroethane	0.38	Not Detected
Carbon Tetrachloride	0.38	Not Detected
Benzene	0.38	Not Detected
1,2-Dichloroethane	0.38	Not Detected
Trichloroethene	0.38	Not Detected
1,2-Dichloropropane	0.38	Not Detected
cis-1,3-Dichloropropene	0.38	Not Detected
Toluene	0.38	0.39
trans-1,3-Dichloropropene	0.38	Not Detected
1,1,2-Trichloroethane	0.38	Not Detected
Tetrachloroethene	0.38	Not Detected
Ethylene Dibromide	0.38	Not Detected
Chlorobenzene	0.38	Not Detected
Ethyl Benzene	0.38	Not Detected
m,p-Xylene	0.38	Not Detected
o-Xylene	0.38	Not Detected
Styrene	0.38	Not Detected
1,1,2,2-Tetrachloroethane	0.38	Not Detected
1,3,5-Trimethylbenzene	0.38	Not Detected
1,2,4-Trimethylbenzene	0.38	Not Detected
1,3-Dichlorobenzene	0.38	Not Detected
1,4-Dichlorobenzene	0.38	Not Detected
Chlorotoluene	0.38	Not Detected
1,2-Dichlorobenzene	0.38	Not Detected
1,2,4-Trichlorobenzene	0.38	Not Detected
Hexachlorobutadiene	0.38	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SK-6-60

ID#: 9506199-08A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062908
Dil. Factor: 3.8

Date of Collection: 6/16/95
Date of Analysis: 6/29/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Cyclic Hydrocarbon	NA	NA	6.8
Unknown Alkene	NA	NA	10
Unknown Cyclic Hydrocarbon	NA	NA	19
Unknown Cyclic Hydrocarbon	NA	NA	11
1-Pentyne	627-19-0	80 %	6.3
Unknown Hydrocarbon	NA	NA	21
Unknown Cyclic Hydrocarbon	NA	NA	16
Unknown Hydrocarbon	NA	NA	5.6
Unknown Branched Hydrocarbon	NA	NA	11
Unknown Hydrocarbon	NA	NA	6.1

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SVP-6-39

ID#: 9506199-09A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062909
Dil. Factor: 19

Date of Collection: 6/16/95
Date of Analysis: 6/29/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	1.9	Not Detected
Freon 114	1.9	Not Detected
Chloromethane	1.9	Not Detected
Vinyl Chloride	1.9	Not Detected
Bromomethane	1.9	Not Detected
Chloroethane	1.9	Not Detected
Freon 11	1.9	Not Detected
1,1-Dichloroethene	1.9	Not Detected
Freon 113	1.9	Not Detected
Methylene Chloride	1.9	Not Detected
1,1-Dichloroethane	1.9	Not Detected
cis-1,2-Dichloroethene	1.9	Not Detected
Chloroform	1.9	Not Detected
1,1,1-Trichloroethane	1.9	Not Detected
Carbon Tetrachloride	1.9	Not Detected
Benzene	1.9	Not Detected
1,2-Dichloroethane	1.9	Not Detected
Trichloroethene	1.9	Not Detected
1,2-Dichloropropane	1.9	Not Detected
cis-1,3-Dichloropropene	1.9	Not Detected
Toluene	1.9	Not Detected
trans-1,3-Dichloropropene	1.9	Not Detected
1,1,2-Trichloroethane	1.9	Not Detected
Tetrachloroethene	1.9	Not Detected
Ethylene Dibromide	1.9	Not Detected
Chlorobenzene	1.9	Not Detected
Ethyl Benzene	1.9	Not Detected
m,p-Xylene	1.9	Not Detected
o-Xylene	1.9	Not Detected
Styrene	1.9	Not Detected
1,1,2,2-Tetrachloroethane	1.9	Not Detected
1,3,5-Trimethylbenzene	1.9	Not Detected
1,2,4-Trimethylbenzene	1.9	Not Detected
1,3-Dichlorobenzene	1.9	Not Detected
1,4-Dichlorobenzene	1.9	Not Detected
Chlorotoluene	1.9	Not Detected
1,2-Dichlorobenzene	1.9	Not Detected
1,2,4-Trichlorobenzene	1.9	Not Detected
Hexachlorobutadiene	1.9	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: SVP-6-39

ID#: 9506199-09A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062909 Date of Collection: 6/16/95
Dil. Factor: 19 Date of Analysis: 6/29/95

<u>Compound</u>	<u>CAS Number</u>	<u>Match Quality</u>	<u>Amount (ppbv)</u>
None Identified			

Note: Sample analyzed at a dilution due to matrix effects.

Container Type: 6 Liter SUMMA Canister

<u>Surrogates</u>	<u>% Recovery</u>	<u>Method Limits</u>
Octafluorotoluene	101	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

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AIR TOXICS LTD.

SAMPLE NAME: SK-6-39

ID#: 9506199-10A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062910
Dil. Factor: 3.8

Date of Collection: 6/16/95
Date of Analysis: 6/29/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.38	0.63
Freon 114	0.38	Not Detected
Chloromethane	0.38	Not Detected
Vinyl Chloride	0.38	Not Detected
Bromomethane	0.38	Not Detected
Chloroethane	0.38	Not Detected
Freon 11	0.38	Not Detected
1,1-Dichloroethene	0.38	Not Detected
Freon 113	0.38	Not Detected
Methylene Chloride	0.38	Not Detected
1,1-Dichloroethane	0.38	Not Detected
cis-1,2-Dichloroethene	0.38	Not Detected
Chloroform	0.38	Not Detected
1,1,1-Trichloroethane	0.38	Not Detected
Carbon Tetrachloride	0.38	Not Detected
Benzene	0.38	Not Detected
1,2-Dichloroethane	0.38	Not Detected
Trichloroethene	0.38	Not Detected
1,2-Dichloropropane	0.38	Not Detected
cis-1,3-Dichloropropene	0.38	Not Detected
Toluene	0.38	Not Detected
trans-1,3-Dichloropropene	0.38	Not Detected
1,1,2-Trichloroethane	0.38	Not Detected
Tetrachloroethene	0.38	Not Detected
Ethylene Dibromide	0.38	Not Detected
Chlorobenzene	0.38	Not Detected
Ethyl Benzene	0.38	Not Detected
m,p-Xylene	0.38	Not Detected
o-Xylene	0.38	Not Detected
Styrene	0.38	Not Detected
1,1,2,2-Tetrachloroethane	0.38	Not Detected
1,3,5-Trimethylbenzene	0.38	Not Detected
1,2,4-Trimethylbenzene	0.38	Not Detected
1,3-Dichlorobenzene	0.38	Not Detected
1,4-Dichlorobenzene	0.38	Not Detected
Chlorotoluene	0.38	Not Detected
1,2-Dichlorobenzene	0.38	Not Detected
1,2,4-Trichlorobenzene	0.38	Not Detected
Hexachlorobutadiene	0.38	Not Detected

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9/29/95

AIR TOXICS LTD.

SAMPLE NAME: SK-6-39

ID#: 9506199-10A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062910
Dil. Factor: 3.8

Date of Collection: 6/16/95
Date of Analysis: 6/29/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Amine	NA	NA	5.1
Unknown Cyclic Hydrocarbon	NA	NA	7.1

Container Type: 6 Liter SUMMA Canister

<u>Surrogates</u>	<u>% Recovery</u>	<u>Method Limits</u>
Octafluorotoluene	106	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	106	70-130

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950718*

AIR TOXICS LTD.

SAMPLE NAME: OFA-6-280

ID#: 9506199-11A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062914
Dil. Factor: 3.8

Date of Collection: 6/16/95
Date of Analysis: 6/29/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.38	0.57
Freon 114	0.38	Not Detected
Chloromethane	0.38	0.42
Vinyl Chloride	0.38	Not Detected
Bromomethane	0.38	Not Detected
Chloroethane	0.38	Not Detected
Freon 11	0.38	Not Detected
1,1-Dichloroethene	0.38	Not Detected
Freon 113	0.38	Not Detected
Methylene Chloride	0.38	Not Detected
1,1-Dichloroethane	0.38	Not Detected
cis-1,2-Dichloroethene	0.38	Not Detected
Chloroform	0.38	Not Detected
1,1,1-Trichloroethane	0.38	Not Detected
Carbon Tetrachloride	0.38	Not Detected
Benzene	0.38	Not Detected
1,2-Dichloroethane	0.38	Not Detected
Trichloroethene	0.38	Not Detected
1,2-Dichloropropane	0.38	Not Detected
cis-1,3-Dichloropropene	0.38	Not Detected
Toluene	0.38	2.5
trans-1,3-Dichloropropene	0.38	Not Detected
1,1,2-Trichloroethane	0.38	Not Detected
Tetrachloroethene	0.38	Not Detected
Ethylene Dibromide	0.38	Not Detected
Chlorobenzene	0.38	Not Detected
Ethyl Benzene	0.38	2.4
m,p-Xylene	0.38	4.5
o-Xylene	0.38	1.4
Styrene	0.38	Not Detected
1,1,2,2-Tetrachloroethane	0.38	Not Detected
1,3,5-Trimethylbenzene	0.38	Not Detected
1,2,4-Trimethylbenzene	0.38	0.38
1,3-Dichlorobenzene	0.38	Not Detected
1,4-Dichlorobenzene	0.38	Not Detected
Chlorotoluene	0.38	Not Detected
1,2-Dichlorobenzene	0.38	Not Detected
1,2,4-Trichlorobenzene	0.38	Not Detected
Hexachlorobutadiene	0.38	Not Detected

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AIR TOXICS LTD.

SAMPLE NAME: OFA-6-280

ID#: 9506199-11A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062914

Date of Collection: 6/16/95

Dil. Factor: 3.8

Date of Analysis: 6/29/95

Compound	CAS Number	Match Quality	Amount (ppby)
Unknown Hydrocarbon	NA	NA	17 <i>JP</i>
2-Methyl-1-propene	115-11-7	Manual ID	12
Unknown Cyclic Hydrocarbon	NA	NA	6.2
Unknown Alkene	NA	NA	6.1
Unknown Cyclic Hydrocarbon	NA	NA	3.6 J

J = Below detection limit, but supported by duplicate analysis.

Container Type: 6 Liter SUMMA Canister

<u>Surrogates</u>	<u>% Recovery</u>	<u>Method Limits</u>
Octafluorotoluene	103	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	109	70-130

WMM
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AIR TOXICS LTD.

SAMPLE NAME: OFA-6-280 Duplicate

ID#: 9506199-11B

EPA METHOD TO-14 GC/MS Full Scan

File Name: F063005
Dil. Factor: 3.8

Date of Collection: 6/16/95
Date of Analysis: 6/30/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.38	0.58
Freon 114	0.38	Not Detected
Chloromethane	0.38	0.36 J
Vinyl Chloride	0.38	Not Detected
Bromomethane	0.38	Not Detected
Chloroethane	0.38	Not Detected
Freon 11	0.38	Not Detected
1,1-Dichloroethene	0.38	Not Detected
Freon 113	0.38	Not Detected
Methylene Chloride	0.38	Not Detected
1,1-Dichloroethane	0.38	Not Detected
cis-1,2-Dichloroethene	0.38	Not Detected
Chloroform	0.38	Not Detected
1,1,1-Trichloroethane	0.38	Not Detected
Carbon Tetrachloride	0.38	Not Detected
Benzene	0.38	Not Detected
1,2-Dichloroethane	0.38	Not Detected
Trichloroethene	0.38	Not Detected
1,2-Dichloropropane	0.38	Not Detected
cis-1,3-Dichloropropene	0.38	Not Detected
Toluene	0.38	2.6
trans-1,3-Dichloropropene	0.38	Not Detected
1,1,2-Trichloroethane	0.38	Not Detected
Tetrachloroethene	0.38	Not Detected
Ethylene Dibromide	0.38	Not Detected
Chlorobenzene	0.38	Not Detected
Ethyl Benzene	0.38	2.5
m,p-Xylene	0.38	4.9
o-Xylene	0.38	1.5
Styrene	0.38	Not Detected
1,1,2,2-Tetrachloroethane	0.38	Not Detected
1,3,5-Trimethylbenzene	0.38	Not Detected
1,2,4-Trimethylbenzene	0.38	0.50
1,3-Dichlorobenzene	0.38	Not Detected
1,4-Dichlorobenzene	0.38	Not Detected
Chlorotoluene	0.38	Not Detected
1,2-Dichlorobenzene	0.38	Not Detected
1,2,4-Trichlorobenzene	0.38	Not Detected
Hexachlorobutadiene	0.38	Not Detected

Wm
950718

AIR TOXICS LTD.

SAMPLE NAME: OFA-6-280 Duplicate

ID#: 9506199-11B

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F063005 Date of Collection: 6/16/95
Dil. Factor: 3.8 Date of Analysis: 6/30/95

Compound	CAS Number	Match Quality	Amount (ppb)
Unknown Hydrocarbon	NA	NA	16 J
2-Methyl-1-propene	115-11-7	83%	11 J
Unknown Hydrocarbon	NA	NA	4.2 J
Unknown Alkene	NA	NA	5.4 J
Unknown Cyclic Hydrocarbon	NA	NA	5.2 J

J = Below detection limit, but supported by duplicate analysis.

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	107	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	108	70-130

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AIR TOXICS LTD.

SAMPLE NAME: OFA-6-260

ID#: 9506199-12A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062915
Dil. Factor: 3.8

Date of Collection: 6/16/95
Date of Analysis: 6/29/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.38	0.61
Freon 114	0.38	Not Detected
Chloromethane	0.38	0.72
Vinyl Chloride	0.38	Not Detected
Bromomethane	0.38	Not Detected
Chloroethane	0.38	Not Detected
Freon 11	0.38	Not Detected
1,1-Dichloroethene	0.38	Not Detected
Freon 113	0.38	Not Detected
Methylene Chloride	0.38	Not Detected
1,1-Dichloroethane	0.38	Not Detected
cis-1,2-Dichloroethene	0.38	Not Detected
Chloroform	0.38	Not Detected
1,1,1-Trichloroethane	0.38	Not Detected
Carbon Tetrachloride	0.38	Not Detected
Benzene	0.38	Not Detected
1,2-Dichloroethane	0.38	Not Detected
Trichloroethene	0.38	Not Detected
1,2-Dichloropropane	0.38	Not Detected
cis-1,3-Dichloropropene	0.38	Not Detected
Toluene	0.38	Not Detected
trans-1,3-Dichloropropene	0.38	Not Detected
1,1,2-Trichloroethane	0.38	Not Detected
Tetrachloroethene	0.38	Not Detected
Ethylene Dibromide	0.38	Not Detected
Chlorobenzene	0.38	Not Detected
Ethyl Benzene	0.38	Not Detected
m,p-Xylene	0.38	Not Detected
o-Xylene	0.38	Not Detected
Styrene	0.38	Not Detected
1,1,2,2-Tetrachloroethane	0.38	Not Detected
1,3,5-Trimethylbenzene	0.38	Not Detected
1,2,4-Trimethylbenzene	0.38	Not Detected
1,3-Dichlorobenzene	0.38	Not Detected
1,4-Dichlorobenzene	0.38	Not Detected
Chlorotoluene	0.38	Not Detected
1,2-Dichlorobenzene	0.38	Not Detected
1,2,4-Trichlorobenzene	0.38	Not Detected
Hexachlorobutadiene	0.38	Not Detected

WMM
950718

AIR TOXICS LTD.

SAMPLE NAME: OFA-6-260

ID#: 9506199-12A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062915
Dil. Factor: 3.8

Date of Collection: 6/16/95
Date of Analysis: 6/29/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Hydrocarbon	NA	NA	6.3 <i>AN</i>
Unknown Hydrocarbon	NA	NA	7.9
Unknown Hydrocarbon	NA	NA	5.3 <i>↓</i>

Container Type: 6 Liter SUMMA Canister

<u>Surrogates</u>	<u>% Recovery</u>	<u>Method Limits</u>
Octafluorotoluene	110	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	108	70-130

WML
9/5/7/18

AIR TOXICS LTD.

SAMPLE NAME: OFA-6-240

ID#: 9506199-13A

EPA METHOD TO-14 GC/MS Full Scan

File Name: F062916
Dil. Factor: 3.9

Date of Collection: 6/16/95
Date of Analysis: 6/29/95

Compound	Det. Limit (ppbv)	Amount (ppbv)
Freon 12	0.39	0.64
Freon 114	0.39	Not Detected
Chloromethane	0.39	Not Detected
Vinyl Chloride	0.39	Not Detected
Bromomethane	0.39	Not Detected
Chloroethane	0.39	Not Detected
Freon 11	0.39	Not Detected
1,1-Dichloroethene	0.39	Not Detected
Freon 113	0.39	Not Detected
Methylene Chloride	0.39	Not Detected
1,1-Dichloroethane	0.39	Not Detected
cis-1,2-Dichloroethene	0.39	Not Detected
Chloroform	0.39	Not Detected
1,1,1-Trichloroethane	0.39	Not Detected
Carbon Tetrachloride	0.39	Not Detected
Benzene	0.39	Not Detected
1,2-Dichloroethane	0.39	Not Detected
Trichloroethene	0.39	Not Detected
1,2-Dichloropropane	0.39	Not Detected
cis-1,3-Dichloropropene	0.39	Not Detected
Toluene	0.39	Not Detected
trans-1,3-Dichloropropene	0.39	Not Detected
1,1,2-Trichloroethane	0.39	Not Detected
Tetrachloroethene	0.39	Not Detected
Ethylene Dibromide	0.39	Not Detected
Chlorobenzene	0.39	Not Detected
Ethyl Benzene	0.39	Not Detected
m,p-Xylene	0.39	Not Detected
o-Xylene	0.39	Not Detected
Styrene	0.39	Not Detected
1,1,2,2-Tetrachloroethane	0.39	Not Detected
1,3,5-Trimethylbenzene	0.39	Not Detected
1,2,4-Trimethylbenzene	0.39	Not Detected
1,3-Dichlorobenzene	0.39	Not Detected
1,4-Dichlorobenzene	0.39	Not Detected
Chlorotoluene	0.39	Not Detected
1,2-Dichlorobenzene	0.39	Not Detected
1,2,4-Trichlorobenzene	0.39	Not Detected
Hexachlorobutadiene	0.39	Not Detected

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9507/18

AIR TOXICS LTD.

SAMPLE NAME: OFA-6-240

ID#: 9506199-13A

TENTATIVELY IDENTIFIED COMPOUNDS - Top 10 Reported

File Name: F062916
Dil. Factor: 3.9

Date of Collection: 6/16/95
Date of Analysis: 6/29/95

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown Cyclic Hydrocarbon	NA	NA	5.3
Unknown Hydrocarbon	NA	NA	6.4
2-Bromo-1-phenyl-1-propanone	2114-00-3	74 %	4.2
Unknown Alkane	NA	NA	4.2
Unknown Alkene	NA	NA	23

Container Type: 6 Liter SUMMA Canister

Surrogates	% Recovery	Method Limits
Octafluorotoluene	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	106	70-130

[Handwritten Signature]
950718



AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

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

CHAIN-OF-CUSTODY RECORD

NO. 003000 of 2

Contact Person Mike Higgins
 Company GOLDER ASSOCIATES, INC
 Address 4104 148th NE City REDMOND State WA Zip 98052
 Phone (206) 883-0777 FAX _____
 Collected By: Signature [Signature]

Project info:
 P.O. # _____
 Project # 933-1280-1701
 Project Name NORSELAND

Turn Around Time:
 Normal
 Rush _____ Specify _____

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum	
				Initial	Final
01A	SUP-6-54	6-16-95/0345	TO-14 ion trap + TICs	-29.	-9.6
02A	SK-6-54				-9.6
03A	SK-6-540				-9.6
04A	ONA-6				-9.6
05A	SVP-6-63				-11.6
06A/B	SK-6-63				-9.6
07A	SVP-6-60				-8.6
08A	SK-6-60				-9.4
09A	SUP-6-39				-8.6
10A	SK-6-39				-9.6

Relinquished By: (Signature) [Signature] Date/Time 6-16-95 Print Name Tom Stapp
 Relinquished By: (Signature) _____ Date/Time _____
 Relinquished By: (Signature) _____ Date/Time _____

Notes: Good Samples, Nice morning

Received By: (Signature) [Signature] Date/Time 6/20/95 Temp. (°C) 10.5 Condition GOOD Custody Seals Intact? (Yes/No/None) N/A Work Order # 95-06199

Shipper Name FLA.FA. Air/Bill # 8792315 Opened By: [Signature] Date/Time 1995



AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

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

No. 001255

CHAIN-OF-CUSTODY RECORD

Page 1 of 2

Contact Person Mike Higgins
 Company GOLDER ASSOCIATES, INC
 Address 1104 148th NE City Redmond State WA Zip 98052
 Phone (206) 883-0777 FAX _____
 Collected By: Signature [Signature]

Project info:
 P.O. # _____
 Project # 933-12801701
 Project Name NORSELAND

Turn Around Time:
 Normal
 Rush _____ Specify _____

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum		
				Initial	Final	Receipt
11A	OFA-6-280°	6-16-95/0345	TO-14, ion trap, +TIC's	-29.2	-9.4	
12A	OFA-6-260°	↓ ↓ ↓			-9.4	
13A	OFA-6-240°	↓ ↓ ↓			-9.4	

Relinquished By: (Signature) [Signature] Date/Time 6-16-95 Print Name TOM STAPP
 Relinquished By: (Signature) [Signature] Date/Time _____ Received By: (Signature) _____ Date/Time _____
 Relinquished By: (Signature) [Signature] Date/Time _____ Received By: (Signature) [Signature] Date/Time 6/20/95

Notes: _____

Shipper Name Pop. Ex. Air Bill # 8792345 265 Opened By: TPA Date/Time 6/20/95 Temp. (°C) 15.0 Condition Good Custody Seals Intact? Yes No None N/A Yes
 Work Order # 9506199

Lab Use Only