STATE OF MISSOURI

Bob Hold n Governor Stephen M Mahfood Director

DEPARTMENT OF NATURAL RESOURCES

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Site OakGroveV Village
ID #MAD981717036
Break 3 1
Other CUI
3-15-04

RECEIVED
MAR 18 2004
SUPERFUND DIVISION

March 15, 2004

Ex. 6

[redacted]
Meramec Caverns
P O Box [redacted]
Stanton, MO 63079

Dear Mr [redacted]

Enclosed are copies of the air monitoring and water sampling event of the cave complex on February 3 and 4, 2004 by the Missouri Department of Natural Resources The samples were collected as part of the Remedial Investigation/Feasibility Study (RI/FS) for the Oak Grove Village Well Site Also enclosed are two documents titled "Understanding Sample Analysis Results' for guidance on reading the sample results

The following is a summary of the samples collected for the air monitoring All the samples were analyzed for volatile organic compounds (VOCs) including trichloroethene (TCE) The analytical results reported for all VOCs including TCE for these samples were less than the detection limits except where noted The contaminants detected and the 'Occupational Target Risk-Based Concentrations or 'NIOSH concentrations are listed below each sample All units are given as parts per billion per volume (ppbv) or micrograms per meter cubed (ug/m³)

The Missouri Department of Health and Senior Services (DHSS) in conjunction with the Environmental Protection Agency (EPA) and the Agency for Toxic Substances and Disease Registry (ATSDR) drafted occupational target risk–based concentrations for contaminants with detection levels exceeding the reporting limits These concentrations were developed using the EPA s Risk Assessment Guidance for Superfund methodology and are calculated for a 25-year exposure, using default receptor inputs for an occupational setting The target risk-based concentrations provided are based on the most conservative calculated values with a carcinogenic risk level of 1 0 x 10(4) or a non carcinogenic hazard index of 1, and represent screening levels developed to be protective of human health

1 The Background and the Background duplicate sample are from Canister #1and are labeled #0410050 and #0410050 Duplicate The analytical results reported for all VOCs including TCE for these samples were less than the detection limits except for chloroethane

Missouri Department of Natural Resources

Integrity and excellence in all we do

40168922
SUPERFUND RECORDS

Ex. 6

The chloroethane concentration in the background and duplicate samples were reported as Non Detected UJ ppbv or Non Detected UJ ug/m³ The low concentrations of chloroethane are considered a laboratory contaminant

2 The Ballroom sample is from Canister #2 and is labeled #0410051 The analytical results reported for all VOCs including TCE for this sample were less than the detection limits except for TCE, dichlorodifluoromethane (CFC-12), chloroethane, acetone, and ethanol

The TCE concentration in the Ballroom sample was reported as 0 90 ppbv or 4 9 ug/m³ The occupational target risk–based concentrations for TCE ranges from 1–45 ppbv or 4–240 5 ug/m³ The TCE contamination levels detected in this sample are below or within the occupational target risk–based concentrations at this time

The CFC-12 concentration in the Ballroom sample was reported as 1 4 ppbv or 7 2 ug/m³ The occupational target risk–based concentrations for CFC-12 is 59 ppbv or 292 ug/m³ The CFC-12 contamination levels detected in this sample are below the occupational target risk–based concentrations at this time

The chloroethane concentration in the Ballroom sample was reported as Non Detected UJ ppbv or Non Detected UJ ug/m³ The low concentrations of chloroethane are considered a laboratory contaminant

The acetone concentration in the Ballroom sample was reported as 5 0 ppbv or 12 ug/m³ As per the NIOSH Pocket Guide to Chemical Hazards, ' the exposure limit is 590 mg/m³ or 590,000 ug/m³ The acetone levels detected in this sample are below the exposure limit at this time

The ethanol concentration in the Ballroom sample was reported as 6 5 ppbv or 12 ug/m³ As per the NIOSH 'Pocket Guide to Chemical Hazards, ' ethanol is in the same alcohol family as isopropyl alcohol Due to this similarity, isopropyl alcohol's exposure limit of 980 mg/m³ or 980,000ug/m³ will be equated to ethanol Thus, the ethanol contaminant levels detected in this sample are below the exposure limit at this time

3 The Behind Lassie sample is from Canister #3 and is labeled #0410052 The analytical results reported for all VOCs including TCE for this sample were less than the detection limits except for TCE, CFC-12 chloroethane and acetone

The TCE concentration in the sample Behind Lassie was reported as 3 3 ppbv or 18 ug/m³ The occupational target risk–based concentrations for TCE range from 1–45 ppbv or 4–240 5 ug/m³ The TCE contamination levels detected in this sample are within the occupational target risk–based concentrations at this time

The CFC-12 concentration in the sample Behind Lassie was reported as 1 1 ppbv or

5 4 ug/m³ The occupational target risk–based concentrations for CFC 12 is 59 ppbv or 292 ug/m³ The CFC-12 contamination levels detected in this sample are below the occupational target risk–based concentrations at this time

The chloroethane concentration in the sample Behind Lassie was reported as Non Detected UJ ppbv or Non Detected UJ ug/m³ The low concentrations of chloroethane are considered a laboratory contaminant

The acetone concentration in the sample Behind Lassie was reported as 4 6 ppbv or 11 ug/m As per the NIOSH "Pocket Guide to Chemical Hazards, the exposure limit is 590 mg/m³ or 590,000 ug/m³ The acetone levels detected in this sample are below the exposure limit at this time

4 The Jungle Room sample is from Canister #4 and is labeled # 0410053 The analytical results reported for all VOCs including TCE for this sample were less than the detection limits except for TCE, CFC-12, and chloroethane

The TCE concentration in the Jungle Room sample was reported as 4 2 ppbv or 23 ug/m³ The occupational target risk–based concentrations for TCE range from 1–45 ppbv or 4–240 5 ug/m³ The TCE contamination levels detected in this sample are within the occupational target risk–based concentrations at this time

The CFC 12 concentration in the Jungle Room sample was reported as 1 0 ppbv or 5 1 ug/m³ The occupational target risk–based concentrations for CFC-12 is 59 ppbv or 292 ug/m³ The CFC-12 contamination levels detected in this sample are below the occupational target risk–based concentrations at this time

The chloroethane concentration in the Jungle Room sample was reported as Non Detected UJ ppbv or Non Detected UJ ug/m³ The low concentrations of chloroethane are considered a laboratory contaminant

5 The Theater Room sample is from Canister #5 and is labeled #0410054 The analytical results reported for all VOCs including TCE for this sample were less than the detection limits except for TCE CFC-12, and chloroethane

The TCE concentration in the Theater Room sample was reported as 0 93 ppbv or ug/m³ The occupational target risk–based concentrations for TCE range from 1 – 45 ppbv or 4 – 240 5 ug/m³ The TCE contamination levels detected in this sample are below or within the occupational target risk–based concentrations at this time

The CFC-12 concentration in the Theater Room sample was reported as 1 3 ppbv or 6 6 ug/m³ The occupational target risk–based concentrations for CFC 12 is 59 ppbv or 292 ug/m³ The CFC-12 contamination levels detected in this sample are below the occupational target risk–based concentrations at this time

The chloroethane concentration in the Theater Room sample was reported as Non Detected UJ ppbv or Non Detected UJ ug/m³ The low concentrations of chloroethane are considered a laboratory contaminant

6 The Gift Shop sample is from Canister #6 and is labeled # 0410055 The analytical results reported for all VOCs including TCE for this sample were less than the detection limits except for TCE CFC-12, chloroethane, acetone, 2-propanol, and ethanol

The TCE concentration in the Gift Shop sample was reported as 0 96 ppbv or 5 2 ug/m³ The occupational target risk–based concentrations for TCE range from 1–45 ppbv or 4–240 5 ug/m³ The TCE contamination levels detected in this sample are below or within the occupational target risk–based concentrations at this time

The CFC 12 concentration in the Gift Shop sample was reported as 0 85 ppbv or 4 2 ug/m³ The occupational target risk–based concentrations for CFC-12 is 59 ppbv or 292 ug/m³ The CFC-12 contamination levels detected in this sample are below the occupational target risk–based concentrations at this time

The chloroethane concentration in the Gift Shop sample was reported as Non Detected UJ ppbv or Non Detected UJ ug/m³ The low concentrations of chloroethane are considered a laboratory contaminant

The acetone concentration in the Gift Shop sample was reported as 4 6 ppbv or 11 ug/m As per the NIOSH "Pocket Guide to Chemical Hazards," the exposure limit is 590 mg/m³ or 590,000 ug/m³ The acetone levels detected in this sample are below the exposure limit at this time

The 2-propanol concentration in the Gift Shop sample was reported as 5 9 ppbv or 15 ug/m³ As per the NIOSH "Pocket Guide to Chemical Hazards " the exposure limit is 50 mg/m³ or 500,000 ug/m³ The 2-propanol levels detected in this sample are below the exposure limit at this time

The ethanol concentration in the Gift Shop sample was reported as 8 5 ppbv or 16 ug/m³ As per the NIOSH Pocket Guide to Chemical Hazards," ethanol is in the same alcohol family as isopropyl alcohol Due to this similarity, isopropyl alcohol s exposure limit of 980 mg/m³ or 980 000ug/m³ will be equated to ethanol Thus, the ethanol contaminant levels detected in this sample are below the exposure limit at this time

7 The Loot Rock sample is from Canister #7 and is labeled # 0410056 The analytical results reported for all VOCs including TCE for this sample were less than the detection limits except for TCE and chloroethane

The TCE concentration in the Loot Rock sample was reported as 1 4 ppbv or 7 8 ug/m³ The occupational target risk–based concentrations for TCE range from 1–45 ppbv or

4–240 5 ug/m³ The TCE contamination levels detected in this sample are within the occupational target risk–based concentrations at this time

The chloroethane concentration in the Loot Rock sample was reported as Non Detected UJ ppbv or Non Detected UJ ug/m³ The low concentrations of chloroethane are considered a laboratory contaminant

8 The Trip Blank sample is from Canister #8 and is labeled #0410057 The analytical results reported for all VOCs including TCE for this sample were less than the detection limits except for chloroethane

The chloroethane concentration in the Trip Blank sample was reported as Non Detected UJ ppbv or Non Detected UJ ug/m³ The low concentrations of chloroethane are considered a laboratory contaminant

The following is a summary of the samples collected for the water sampling of the cave complex on February 3, 2004 These results will be incorporated into site specific Human Health and Ecological Risk Assessments to determine what, if any effects the detected contaminants have had or will have on human health and the environment

The analytical results reported for the stream sample is labeled Customer # 0410600 The sample was analyzed for VOCs including TCE The analytical results reported for all VOCs including TCE for the sample was less than the detection limits, except for TCE

The TCE concentration in the stream sample was reported as 3 29 micrograms per liter (ug/L) or parts per billion (ppb) The Maximum Contamination Level (MCL) allowed in drinking water for TCE is 5 0 ug/L or ppb The TCE contamination levels detected in this sample is below the MCL values at this time If the stream were used as a source of drinking water it would not present a health concern at this time

The analytical results reported for the standing pool sample is labeled Customer # 0410601 The sample was analyzed for VOCs including TCE The analytical results reported for all VOCs including TCE for this sample were less than the detection limits, except for TCE

The TCE concentration in the standing pool sample was reported as 0 27 ug/L or ppb The MCL allowed in drinking water for TCE is 5 0 ug/L or ppb The TCE contamination levels detected in this sample are below the MCL values at this time If the standing pool were used as a source of drinking water, it would not present a health concern at this time

The analytical results reported for the flowing pool sample and the flowing pool duplicate are labeled Customer # 0410602 and Customer # 0410603 The samples were analyzed for VOCs including TCE The analytical results reported for all VOCs including TCE for both samples were less than the detection limits If the flowing pool was used as a source of drinking water it would not present a health concern at this time

With your permission, we will continue monitoring the stream and pools in the ongoing monitoring program associated with the Oak Grove Village Well Site RI/FS

If you have any questions regarding the sample results or about the progress of the investigation at the Oak Grove Village Well Site, please do not hesitate to contact me by telephone at (573) 751-1738 or in writing at the Missouri Department of Natural Resources, Hazardous Waste Program, P O Box 176, Jefferson City, Missouri 65102-0176

Sincerely,

HAZARDOUS WASTE PROGRAM

Candice McGhee

Candice McGhee
Project Manager

CM ta

c Ms Karen Bataille, Department of Conservation
Mr Arthur Busch, Department of Health and Senior Services
Mr Jim Dwyer, U S Fish and Wildlife Services
Mr Kurt Hollman, Geological Survey and Resource Assessment Division
Ms Tonya Howell, U S Environmental Protection Agency
Ms Frances Klahr, Hazardous Waste Program
Ms Vanessa Madden, U S Environmental Protection Agency
Mr Dave Mosby, Hazardous Waste Program
Ms Vicky Snowden U S Environmental Protection Agency
Mr Aaron Schmidt, Hazardous Waste Program/RCRA

Missouri Department of Natural Resources

Understanding The "Result" Column of Sample Analysis Reports

Chemists use complex instruments to analyze samples Sometimes the substance of concern is not present in high enough concentrations for the instrument to "see" or detect If a substance was not detected by the laboratory's instrument, it may be reported in one of two ways You may see a "less than" or left pointing arrow (<) followed by a number in the results column Alternatively, there may be a value with no arrow followed by an "ND" in the Qualifier column to the right of the number

In each of these cases, the number in the Result column for that parameter is the Method Detection Limit (MDL) for that substance So, for example, if the substance Trichloroethene (TCE) on the sample analysis report has "1 0" in the Results column, "ND" in the Qualifier column, and "ug/l" in the Units column, it means the lab instruments did not detect any TCE in this sample at or above 1 0 ug/L The MDLs sometimes differ because the instruments vary in sensitivity to each substance

If a substance was detected in the sample, you will see a number in the Results column without a "less than" arrow beside it, and without an "ND" in the Qualifier column These numbers require careful interpretation In order to determine whether the chemical is present at a concentration that may be of concern, the number should be compared to a specific health-based benchmark The department staff evaluating your results will conduct these comparisons and provide more information for any chemicals detected above these benchmarks

We hope this guide proves helpful For more information please call us at 1-800-361-4827 When you get the electronic attendant, ask for the Division of Air and Land Protection Next, ask for the Hazardous Waste Program Or, you may call us directly at (573) 751-8629

Understanding Sample Test Results
Example of a General Sample Report

For internal use by the Department

Date report was generated

For internal use by the Department

Each Sample has a unique number assigned by the sample collector

This is the county where the sample was collected

The name of the person who collected the sample

This describes the type of sample collected

This is the type of test that was used

Description of the sample location

The sample was tested to see if it contained the substances in this column

Missouri Department of Natural Resources
Environmental Services Program

Order ID: 030418004 Program, HWP Joe Smith
Report Date 5/20/2003 LDPR QEPA8/NJ03XXXX
Order Comment:

Sample 030418004-01 Facility ID: Site: XYZ Company
Customer # 0300928 Collect Date: 4/16/2003
County: Pemiscot Collect Time 11 16 AM
Collector: Joe Smith Affiliation: ESP
Matrix: Water Sample Comment: Groundwater Sample Collected from Monitoring Well MW-01

Test	Parameter	Result	Qualifier	Units	QC Batch ID	Method
VOAs	1,1,1,2-Tetrachloroethane	1.0	ND	ug/l	QC005-09VOAs	8260B
VOAs	1,1,1-Trichloroethane	1.0	ND	ug/l	QC005-09VOAs	8260B
VOAs	1,1,2,2-Tetrachloroethane	830	07	ug/l	QC005-09VOAs	8260B
VOAs	1,1,2-Trichloroethane	1.0	ND	ug/l	QC005-09VOAs	8260B

The analysis of this sample was performed in accordance with procedures approved or recognized by the U.S. Environmental Protection Agency.

Qualifier	Description
01	Improper collection method
02	Improper preservation
03	Exceeded holding time
05	Estimated value, detected below PQL
06	Estimated value, QC data outside limits
07	Estimated value, analyte outside calibration range
08	Analyte present in blank at 1/2 reported value
09	Sample was diluted during analysis
10	Laboratory error
ND	Not detected at reported value

Earl Pabst, Program Director
Environmental Services Program
Air and Land Protection Division

Page 1 of 1 Date Printed 7/24/2003

This specifies who within Department is to receive the test results

This is an internal code designating how the test are to be paid for

Site Name

Date sample was collected

Time sample was collected

This number specifies the method used to perform the test

Number to document the laboratory s quality control

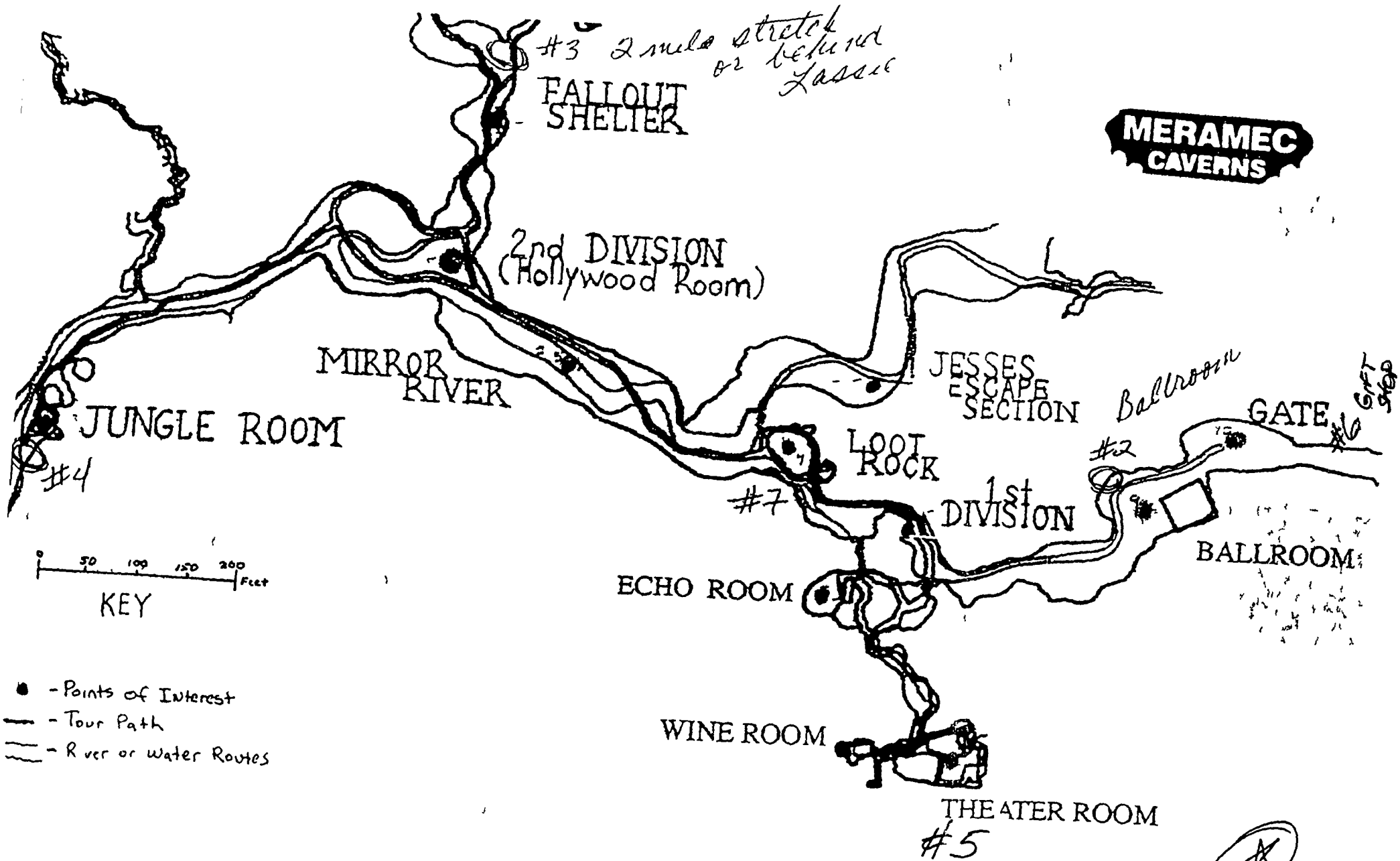
The unit of measure for each test result is shown in this column See Common Notations below

Data qualifier related to the value in the Result column See Qualifier Description list at bottom report for description

The results are shown here The numbers are compared to either a sample from an uncontaminated area or a specific health based standard before drawing conclusions See Common Notations below

Common Notations

<	A symbol for less than It means a substance could not be detected by laboratory instruments The number following the symbol indicates the instrument s lowest possible setting for the sample
ug/Kg	This means micrograms per kilogram This measurement is generally used with soil samples It is also often referred to as parts per billion (ppb)
mg/Kg	This means milligrams per kilogram which is also referred to as parts per million (ppm)
ug/L	The means micrograms per liter This measurement is generally used with water samples It is also referred to as parts per billion (ppb)
mg/L	This means milligrams per liter which is also referred to as parts per million (ppm)



#1 outside Background

FEB 2 7 2004

Missouri Department of Natural Resources

Environmental Services Program

Order ID 040203095 **Program Contact** HWP Candy McGhee

Report Date 2/24/2004 **LDPR** QEOAK/NJ00OAKG

Order Comment

Sample 040203095-01 **Facility ID** **Site** Oak Grove Village Well Site

Customer # 0410600 **County** Franklin **Collect Date** 2/3/2004

Collector Candy McGhee **Affiliation** HWP **Collect Time** 11 30 AM

Matrix Misc Potable Water **Sample Comment** Grab water sample for stream

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
524 2/VOC	1 1 1 2 Tetrachloroethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 1 1 Trichloroethane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 1 2 2 Tetrachloroethane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 1 2 Trichloroethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 1 Dichloroethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 1 Dichloroethene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 1 Dichloropropene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 3 Trichlorobenzene	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 3 Trichloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 4 Trichlorobenzene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 2 4 Trimethylbenzene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 2 Dibromo-3 chloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 Dibromoethane (EDB)	0 05	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 Dichlorobenzene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 2 Dichloroethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 Dichloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 3 5 Trimethylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 3 Dichlorobenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 3 Dichloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 4 Dichlorobenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	2 2 Dichloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	2 Chlorotoluene	0 20	ND	ug/L	Q4020 -02voc	524 2/VOC
524 2/VOC	4 Chlorotoluene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Benzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Bromobenzene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	Bromochloromethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC

Date Printed 2/24/2004

Sample 040203095-01 | **Facility ID** | **Site** Oak Grove Village Well Site

Customer # 0410600 | **County** Franklin | **Collect Date** 2/3/2004

Collector Candy McGhee | **Affiliation** HWP | **Collect Time** 11 30 AM

Matrix Misc Potable Water | **Sample Comment** Grab water sample for stream

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
524 2/VOC	Bromodichloromethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Bromoform	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Bromomethane	1 00	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Carbon Tetrachloride	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chlorobenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chloroethane	2 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chloroform	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chloromethane	5 00	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	cis 1 2-dichloroethene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	cis 1 3-Dichloropropene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Dibromochloromethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Dibromomethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Dichlorodifluoromethane	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Ethylbenzene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	Hexachlorobutadiene	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Isopropylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	m&p Xylenes	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Methyl t butyl ether	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Methylene chloride	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	n Butylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	n Propylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Naphthalene	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	o-Xylene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	p isopropyltoluene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	sec Butylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Styrene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	tert Butylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Tetrachloroethene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Toluene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Total THM	0 80	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Total Xylenes	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	trans 1 2 Dichloroethene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	trans 1 3 Dichloropropene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Trichloroethene	3 29		ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Trichlorofluoromethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC

Date Printed 2/24/2004

Sample 040203095 01	**Facility ID**		**Site**	Oak Grove Village Well Site	
Customer # 0410600	**County**	Franklin			**Collect Date** 2/3/2004
	Collector	Candy McGhee	**Affiliation**	HWP	**Collect Time** 11 30 AM
Matrix Misc Potable Water	**Sample Comment**	Grab water sample for stream			

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
524 2/VOC	Vinyl Chloride	0 20	ND	ug/L	Q40205 02voc	524 2/VOC

The analysis of this sample was performed in accordance with procedures approved or recognized by the U S Environmental Protection Agency

Qualifiers	Description
01	Improper collection method
02	Improper preservation
03	Exceeded holding time
05	Estimated value detected below PQL
06	Estimated value QC data outside limits
07	Estimated value analyte outside calibration range
08	Analyte present in blank at > 1/2 reported value
09	Sample was diluted during analysis
10	Laboratory error
11	Estimated value matrix interference
12	Insufficient quantity
ND	Not detected at reported value

Earl Pabst

Earl Pabst Program Director
Environmental Services Program
Air and Land Protection Division

Date Printed 2/24/2004

RECEIVED FEB 2 2004

Missouri Department of Natural Resources

Environmental Services Program

Order ID 040203096 **Program Contact** HWP Candy McGhee

Report Date 2/24/2004 **LDPR** QEOAK/NJ00OAKG

Order Comment

Sample 040203096-01 **Facility ID** **Site** Oak Grove Village Well Site

Customer # 0410601 **County** Franklin **Collect Date** 2/3/2004

Collector Candy McGhee **Affiliation** HWP **Collect Time** 11 40 AM

Matrix Misc Potable Water **Sample Comment** Grab water sample for pool

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
524 2/VOC	1 1 1 2 Tetrachloroethane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 1 1 Trichloroethane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 1 2 2 Tetrachloroethane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 1 2 Trichloroethane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 1 Dichloroethane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 1 Dichloroethene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 1 Dichloropropene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 3 Trichlorobenzene	0 50	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 2 3 Trichloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 4 Trichlorobenzene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 2 4 Trimethylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 Dibromo 3 chloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 Dibromoethane (EDB)	0 05	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 Dichlorobenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 Dichloroethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 Dichloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 3 5 Trimethylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 3 Dichlorobenzene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 3 Dichloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 4 Dichlorobenzene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	2 2 Dichloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	2 Chlorotoluene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	4 Chlorotoluene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Benzene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	Bromobenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Bromochloromethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC

Date Printed 2/24/2004

Sample 040203096-01 | **Facility ID** | **Site** Oak Grove Village Well Site

Customer # 0410601 | **County** Franklin | **Collect Date** 2/3/2004

Collector Candy McGhee | **Affiliation** HWP | **Collect Time** 11 40 AM

Matrix Misc Potable Water | **Sample Comment** Grab water sample for pool

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
524 2/VOC	Bromodichloromethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Bromoform	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Bromomethane	1 00	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Carbon Tetrachloride	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chlorobenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chloroethane	2 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chloroform	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chloromethane	5 00	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	cis 1 2-dichloroethene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	cis 1 3 Dichloropropene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Dibromochloromethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Dibromomethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Dichlorodifluoromethane	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Ethylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Hexachlorobutadiene	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Isopropylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	m&p Xylenes	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Methyl t butyl ether	0 50	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	Methylene chloride	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	n Butylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	n Propylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Naphthalene	0 50	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	o-Xylene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	p isopropyltoluene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	sec-Butylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Styrene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	tert Butylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Tetrachloroethene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Toluene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Total THM	0 80	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Total Xylenes	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	trans 1 2 Dichloroethene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	trans 1 3 Dichloropropene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Trichloroethene	0 27	05	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Trichlorofluoromethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC

Date Printed 2/24/2004

Sample 040203096-01	**Facility ID**		**Site**	Oak Grove Village Well Site	
Customer # 0410601	**County**	Franklin			**Collect Date** 2/3/2004
	Collector	Candy McGhee	**Affiliation**	HWP	**Collect Time** 11 40 AM
Matrix Misc Potable Water	**Sample Comment**	Grab water sample for pool			

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
524 2/VOC	Vinyl Chloride	0 20	ND	ug/L	Q40205 02voc	524 2/VOC

The analysis of this sample was performed in accordance with procedures approved or recognized by the U S Environmental Protection Agency

Earl Pabst Program Director
Environmental Services Program
Air and Land Protection Division

Qualifiers	Description
01	Improper collection method
02	Improper preservation
03	Exceeded holding time
05	Estimated value detected below PQL
06	Estimated value QC data outside limits
07	Estimated value analyte outside calibration range
08	Analyte present in blank at > 1/2 reported value
09	Sample was diluted during analysis
10	Laboratory error
11	Estimated value matrix interference
12	Insufficient quantity
ND	Not detected at reported value

Date Printed 2/24/2004

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Missouri Department of Natural Resources

Environmental Services Program

Order ID 040203097 **Program Contact** HWP Candy McGhee

Report Date 2/24/2004 **LDPR** QEOAK/NJ00OAKG

Order Comment

Sample 040203097 01 **Facility ID** **Site** Oak Grove Village Well Site

Customer # 0410602 **County** Franklin **Collect Date** 2/3/2004

Collector Candy McGhee **Affiliation** HWP **Collect Time** 11 50 AM

Matrix Misc Potable Water **Sample Comment** Grab water sample for flowing pool

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
524 2/VOC	1 1 1 2 Tetrachloroethane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 1 1 Trichloroethane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 1 2 2 Tetrachloroethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 1 2 Trichloroethane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 1 Dichloroethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 1 Dichloroethene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 1 Dichloropropene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 2 3 Trichlorobenzene	0 50	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 2 3 Trichloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 4 Trichlorobenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 4 Trimethylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 Dibromo-3 chloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 Dibromoethane (EDB)	0 05	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 Dichlorobenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 Dichloroethane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 2 Dichloropropane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 3 5-Trimethylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 3 Dichlorobenzene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 3 Dichloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 4 Dichlorobenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	2 2 Dichloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	2 Chlorotoluene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	4 Chlorotoluene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Benzene	0 20	ND	ug/L	Q4020[illegible] 02voc	524 2/VOC
524 2/VOC	Bromobenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Bromochloromethane	0 20	ND	ug/L	Q4020[illegible] 02voc	524 2/VOC

Date Printed 2/24/2004

Sample 040203097-01 | **Facility ID** | **Site** Oak Grove Village Well Site

Customer # 0410602 | **County** Franklin | **Collect Date** 2/3/2004

Collector Candy McGhee | **Affiliation** HWP | **Collect Time** 11 50 AM

Matrix Misc Potable Water | **Sample Comment** Grab water sample for flowing pool

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
524 2/VOC	Bromodichloromethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Bromoform	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	Bromomethane	1 00	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Carbon Tetrachloride	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chlorobenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chloroethane	2 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chloroform	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chloromethane	5 00	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	cis 1 2-dichloroethene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	cis 1 3 Dichloropropene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Dibromochloromethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Dibromomethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Dichlorodifluoromethane	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Ethylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Hexachlorobutadiene	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Isopropylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	m&p-Xylenes	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Methyl t butyl ether	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Methylene chloride	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	n Butylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	n Propylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Naphthalene	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	o-Xylene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	p-isopropyltoluene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	sec Butylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Styrene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	tert Butylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Tetrachloroethene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Toluene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Total THM	0 80	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Total Xylenes	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	trans 1 2 Dichloroethene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	trans 1 3 Dichloropropene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Trichloroethene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Trichlorofluoromethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC

Date Printed 2/24/2004

Sample 040203097-01	**Facility ID**		**Site**	Oak Grove Village Well Site	
Customer # 0410602	**County**	Franklin			**Collect Date** 2/3/2004
	Collector	Candy McGhee	**Affiliation**	HWP	**Collect Time** 11 50 AM
Matrix Misc Potable Water	**Sample Comment**	Grab water sample for flowing pool			

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
524 2/VOC	Vinyl Chloride	0 20	ND	ug/L	Q40205 02voc	524 2/VOC

The analysis of this sample was performed in accordance with procedures approved or recognized by the U S Environmental Protection Agency

Qualifiers	Description
01	Improper collection method
02	Improper preservation
03	Exceeded holding time
05	Estimated value detected below PQL
06	Estimated value QC data outside limits
07	Estimated value analyte outside calibration range
08	Analyte present in blank at > 1/2 reported value
09	Sample was diluted during analysis
10	Laboratory error
11	Estimated value matrix interference
12	Insufficient quantity
ND	Not detected at reported value

Earl Pabst

Earl Pabst Program Director
Environmental Services Program
Air and Land Protection Division

Date Printed 2/24/2004

P 2 7 2004

Missouri Department of Natural Resources

Environmental Services Program

Order ID 040203098 **Program, Contact** HWP Candy McGhee

Report Date 2/24/2004 **LDPR** QEOAK/NJ00OAKG

Order Comment

Sample 040203098 01 **Facility ID** **Site** Oak Grove Village Well Site

Customer # 0410603 **County** Franklin **Collect Date** 2/3/2004

Collector Candy McGhee **Affiliation** HWP **Collect Time** 11 50 AM

Matrix Misc Potable Water **Sample Comment** Grab water sample for flowing pool (duplicate)

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
524 2/VOC	1 1 1 2 Tetrachloroethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 1 1 Trichloroethane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 1 2 2 Tetrachloroethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 1 2 Trichloroethane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 1 Dichloroethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 1 Dichloroethene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 1 Dichloropropene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 3 Trichlorobenzene	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 3 Trichloropropane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 2 4 Trichlorobenzene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 2 4 Trimethylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 Dibromo-3 chloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 Dibromoethane (EDB)	0 05	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 2 Dichlorobenzene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	1 2 Dichloroethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 2 Dichloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 3 5 Trimethylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 3 Dichlorobenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 3 Dichloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	1 4 Dichlorobenzene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	2 2 Dichloropropane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	2 Chlorotoluene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	4 Chlorotoluene	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	Benzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Bromobenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Bromochloromethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC

Date Printed 2/24/2004

Sample 040203098-01 | **Facility ID** | **Site** Oak Grove Village Well Site

Customer # 0410603 | **County** Franklin | **Collect Date** 2/3/2004

Collector Candy McGhee | **Affiliation** HWP | **Collect Time** 11 50 AM

Matrix Misc Potable Water | **Sample Comment** Grab water sample for flowing pool (duplicate)

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
524 2/VOC	Bromodichloromethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Bromoform	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Bromomethane	1 00	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Carbon Tetrachloride	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chlorobenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chloroethane	2 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chloroform	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Chloromethane	5 00	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	cis 1 2-dichloroethene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	cis 1 3 Dichloropropene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Dibromochloromethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Dibromomethane	0 20	ND	ug/L	Q40205-02voc	524 2/VOC
524 2/VOC	Dichlorodifluoromethane	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Ethylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Hexachlorobutadiene	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Isopropylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	m&p-Xylenes	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Methyl t butyl ether	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Methylene chloride	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	n Butylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	n Propylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Naphthalene	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	o-Xylene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	p-isopropyltoluene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	sec Butylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Styrene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	tert Butylbenzene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Tetrachloroethene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Toluene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Total THM	0 80	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Total Xylenes	0 50	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	trans 1 2 Dichloroethene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	trans 1 3 Dichloropropene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Trichloroethene	0 20	ND	ug/L	Q40205 02voc	524 2/VOC
524 2/VOC	Trichlorofluoromethane	0 20	ND	ug/L	Q40205 02voc	524 2/VOC

Date Printed 2/24/2004

Sample 040203098-01 | **Facility ID** | **Site** Oak Grove Village Well Site

Customer # 0410603 | **County** Franklin | **Collect Date** 2/3/2004

Collector Candy McGhee | **Affiliation** HWP | **Collect Time** 11 50 AM

Matrix Misc Potable Water | **Sample Comment** Crab water sample for flowing pool (duplicate)

Test	Parameter	Result	Qualifier	Units	QC BatchID	Method
524 2/VOC	Vinyl Chloride	0 20	ND	ug/L	Q40205-02voc	524 2/VOC

The analysis of this sample was performed in accordance with procedures approved or recognized by the U S Environmental Protection Agency

Qualifiers	Description
01	Improper collection method
02	Improper preservation
03	Exceeded holding time
05	Estimated value detected below PQL
06	Estimated value QC data outside limits
07	Estimated value analyte outside calibration range
08	Analyte present in blank at > 1/2 reported value
09	Sample was diluted during analysis
10	Laboratory error
11	Estimated value matrix interference
12	Insufficient quantity
ND	Not detected at reported value

Earl Pabst

Earl Pabst Program Director
Environmental Services Program
Air and Land Protection Division

Date Printed 2/24/2004

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- Laboratory Narrative
- Results and
- Chain of Custody (copy)

180 BLUE RAVINE ROAD SUITE B FOLSOM CA 95630

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Hours 8 00 A M to 6 00 P M Pacific
E mail to samplereceiving@airtoxics com

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER # 0402204

Work Order Summary

CLIENT	Ms Candice McGhee Missouri Department of Natural Resources PO Box 176 Jefferson City MO 65102	BILL TO	Ms Candice McGhee Missouri Department of Natural Resources PO Box 176 Jefferson City MO 65102
PHONE	573 526-3363	P O #	
FAX	573 526-3350	PROJECT #	
DATE RECEIVED	2/11/04	CONTACT	DeDe Dodge
DATE COMPLETED	2/26/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	0410050	Modified TO 15	5 0 Hg
01AA	0410050 Duplicate	Modified TO-15	5 0 Hg
02A	0410051	Modified TO 15	3 5 Hg
03A	0410052	Modified TO 15	6 5 Hg
04A	0410053	Modified TO 15	7 5 Hg
05A	0410054	Modified TO 15	6 5 Hg
06A	0410055	Modified TO 15	3 5 Hg
07A	0410056	Modified TO 15	14 5 Hg
08A	0410057	Modified TO 15	29 0 Hg
09A	Lab Blank	Modified TO 15	NA
10A	CCV	Modified TO 15	NA
11A	LCS	Modified TO-15	NA

CERTIFIED BY Linda L Freeman DATE 02/26/04

Laboratory Director

Certification numbers AR DEQ 03 084 0 CA NELAP 02110CA LA NELAP/LELAP AI 30763 NJ NELAP CA004 NY NELAP 11291 UT NELAP 9166389892

Name of Accrediting Agency NELAP/Florida Department of Health Scope of Application Clean Air Act

Accreditation number E87680 Effective date 07/01/03 Expiration date 06/30/04

Air Toxics Ltd certifies that the test results contained in this report meet all requirements of the NELAC standards

Th port shall b eprod ced except in f ll wi h h writt app oval f Air T xics L d

180 BLUE RAVINE ROAD SUITE B FOLSOM CA 95630
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LABORATORY NARRATIVE
Modified TO-15
Missouri Department of Natural Resources
Workorder# 0402204

RECEIVED MAR 0 3 2004

Eight 6 Liter Summa Canister samples were received on February 11 2004 The laboratory performed analysis via modified EPA Method TO 15 using GC/MS in the full scan mode The method involves concentrating up to 0 2 liters of air The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor Following dehumidification, the sample passes directly into the GC/MS for analysis See the data sheets for the reporting limits for each compound

Method modifications taken to run these samples include

Requirement	*TO 15*	*ATL Modifications*
BFB acceptance criteria	CLP protocol	SW 846 protocol
Concentration of IS spike	10 ppbv	25 ppbv when 0 5/2 0 ppbv is used for the reporting limit
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40% fla and narrate outliers
Primary ions for Quantification	Freon 114 85 Carbon Tetrachloride 117 Trichloroethene 130 Ethyl Benzene m p- and o Xylene 91	Freon 114 135 Carbon Tetrachloride 119 Trichloroethene 95 Ethyl Benzene m p- and o-Xylene 106

Receiving Notes

The chain of custody was not relinquished properly The discrepancy was noted in the Login email

Analytical Notes

The reported CCV for each daily batch may be derived from more than one individual analytical file

The following compound Chloroethane indicated low bias (less than 70% expected recovery) in the daily CCV analyzed on 02 17-2004 Associated non-detects in samples 0410050 0410050 Duplicate 0410051 0410052 0410053 0410054 0410055 0410056 and 0410057 were flagged to indicate estimated results with low bias

Sample 0410057 was treated as a field blank with a dilution factor of 1 0

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows

B Compound present in laboratory blank greater than reporting limit (background subtraction no performed)

J - Estimated value

E Exceeds instrument calibration range

S Saturated Peak

Q Exceeds quality control limits

U - Compound analyzed for but not detected above the reporting limit.
UJ Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence

File extensions may have been used on the data analysis sheets and indicates as follows
a File was requantified
b File was quantified by a second column and detector
r1 File was requantified for the purpose of reissue

AIR TOXICS LTD

SAMPLE NAME 0410050

ID# 0402204 01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	s021749	Date of Collection:	2/4/04
Dil Factor:	[illegible]	Date of Analysis:	2/17/04 09:32 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0 80	Not Detected	4 0	Not Detected
Freon 114	0 80	Not Detected	5 7	Not Detected
Vinyl Chloride	0 80	Not Detected	2 1	Not Detected
Bromomethane	0 80	Not Detected	3 2	Not Detected
Chloroethane	0 80	Not Detected U J	2 2	Not Detected U J
Freon 11	0 80	Not Detected	4 6	Not Detected
1 1 Dichloroethene	0 80	Not Detected	3 2	Not Detected
Freon 113	0 80	Not Detected	6 3	Not Detected
Methylene Chloride	0 80	Not Detected	2 8	Not Detected
1 1 Dichloroethane	0 80	Not Detected	3 3	Not Detected
cis 1 2 Dichloroethene	0 80	Not Detected	3 2	Not Detected
Chloroform	0 80	Not Detected	4 0	Not Detected
1 1 1 Trichloroethane	0 80	Not Detected	4 5	Not Detected
Carbon Tetrachloride	0 80	Not Detected	5 1	Not Detected
Benzene	0 80	Not Detected	2 6	Not Detected
1 2 Dichloroethane	0 80	Not Detected	3 3	Not Detected
Trichloroethene	0 80	Not Detected	4 4	Not Detected
1 2 Dichloropropane	0 80	Not Detected	3 8	Not Detected
cis 1 3 Dichloropropene	0 80	Not Detected	3 7	Not Detected
Toluene	0 80	Not Detected	3 1	Not Detected
trans 1 3 Dichloropropene	0 80	Not Detected	3 7	Not Detected
1 1 2 Trichloroethane	0 80	Not Detected	4 5	Not Detected
Tetrachloroethene	0 80	Not Detected	5 6	Not Detected
1 2 Dibromoethane (EDB)	0 80	Not Detected	6 3	Not Detected
Chlorobenzene	0 80	Not Detected	3 8	Not Detected
Ethyl Benzene	0 80	Not Detected	3 6	Not Detected
m p-Xylene	0 80	Not Detected	3 6	Not Detected
o Xylene	0 80	Not Detected	3 6	Not Detected
Styrene	0 80	Not Detected	3 5	Not Detected
1 1 2 2 Tetrachloroethane	0 80	Not Detected	5 6	Not Detected
1 3 5 Trimethylbenzene	0 80	Not Detected	4 0	Not Detected
1 2 4 Trimethylbenzene	0 80	Not Detected	4 0	Not Detected
1 3 Dichlorobenzene	0 80	Not Detected	4 9	Not Detected
1 4 Dichlorobenzene	0 80	Not Detected	4 9	Not Detected
alpha Chlorotoluene	0 80	Not Detected	4 2	Not Detected
1 2 Dichlorobenzene	0 80	Not Detected	4 9	Not Detected
1 3 Butadiene	0 80	Not Detected	1 8	Not Detected
Hexane	0 80	Not Detected	2 9	Not Detected
Cyclohexane	0 80	Not Detected	2 8	Not Detected
Heptane	0 80	Not Detected	3 4	Not Detected
Bromodichloromethane	0 80	Not Detected	5 5	Not Detected
Dibromochloromethane	0 80	Not Detected	7 0	Not Detected

AIR TOXICS LTD

SAMPLE NAME 0410050

ID# 0402204 01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	s021719	Date of Collection	2/4/04
Dil. Factor:	1.61	Date of Analysis	2/17/04 09:32 PM

Compound	Rpt Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0 80	Not Detected	4.0	Not Detected
Propylbenzene	0 80	Not Detected	4 0	Not Detected
Chloromethane	3 2	Not Detected	6 8	Not Detected
1 2 4-Trichlorobenzene	3 2	Not Detected	24	Not Detected
Hexachlorobutadiene	3 2	Not Detected	35	Not Detected
Acetone	3 2	Not Detected	7 8	Not Detected
Carbon Disulfide	3 2	Not Detected	10	Not Detected
2 Propanol	3 2	Not Detected	8 0	Not Detected
trans 1 2 Dichloroethene	3 2	Not Detected	13	Not Detected
Vinyl Acetate	3 2	Not Detected	12	Not Detected
2 Butanone (Methyl Ethyl Ketone)	3 2	Not Detected	9 6	Not Detected
Tetrahydrofuran	3 2	Not Detected	9 6	Not Detected
1 4 Dioxane	3 2	Not Detected	12	Not Detected
4 Methyl 2 pentanone	3 2	Not Detected	13	Not Detected
2 Hexanone	3 2	Not Detected	13	Not Detected
Bromoform	3 2	Not Detected	34	Not Detected
4 Ethyltoluene	3 2	Not Detected	16	Not Detected
Ethanol	3 2	Not Detected	6.2	Not Detected
Methyl tert butyl ether	3 2	Not Detected	12	Not Detected

UJ = Non detected compound associated with low bias in the CCV

Container Type 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene d8	100	70 130
1 2 Dichloroethane-d4	102	70 130
4 Bromofluorobenzene	96	70 130

AIR TOXICS LTD

SAMPLE NAME 0410050 Duplicate

ID# 0402204 01AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name	021720	Date of Collection	2/4/04
Dil Factor	1.61	Date of Analysis	2/17/04 10 14 PM

Compound	Rpt Limit (ppbv)	Amount (ppbv)	Rpt Limit (uG/m3)	Amount (uG/m3)
Freon 12	0 80	Not Detected	4 0	Not Detected
Freon 114	0 80	Not Detected	5 7	Not Detected
Vinyl Chloride	0 80	Not Detected	2 1	Not Detected
Bromomethane	0 80	Not Detected	3 2	Not Detected
Chloroethane	0 80	Not Detected U J	2 2	Not Detected U J
Freon 11	0 80	Not Detected	4 6	Not Detected
1 1 Dichloroethene	0 80	Not Detected	3 2	Not Detected
Freon 113	0 80	Not Detected	6 3	Not Detected
Methylene Chloride	0 80	Not Detected	2 8	Not Detected
1 1 Dichloroethane	0 80	Not Detected	3 3	Not Detected
cis 1 2 Dichloroethene	0 80	Not Detected	3 2	Not Detected
Chloroform	0 80	Not Detected	4 0	Not Detected
1 1 1 Trichloroethane	0 80	Not Detected	4 5	Not Detected
Carbon Tetrachloride	0 80	Not Detected	5 1	Not Detected
Benzene	0 80	Not Detected	2 6	Not Detected
1 2 Dichloroethane	0 80	Not Detected	3 3	Not Detected
Trichloroethene	0 80	Not Detected	4 4	Not Detected
1 2 Dichloropropane	0 80	Not Detected	3 8	Not Detected
cis 1 3 Dichloropropene	0 80	Not Detected	3 7	Not Detected
Toluene	0 80	Not Detected	3 1	Not Detected
trans 1 3 Dichloropropene	0 80	Not Detected	3 7	Not Detected
1 1 2 Trichloroethane	0 80	Not Detected	4 5	Not Detected
Tetrachloroethene	0 80	Not Detected	5 6	Not Detected
1 2 Dibromoethane (EDB)	0 80	Not Detected	6 3	Not Detected
Chlorobenzene	0 80	Not Detected	3 8	Not Detected
Ethyl Benzene	0 80	Not Detected	3 6	Not Detected
m p Xylene	0 80	Not Detected	3 6	Not Detected
o-Xylene	0 80	Not Detected	3 6	Not Detected
Styrene	0 80	Not Detected	3 5	Not Detected
1 1 2 2 Tetrachloroethane	0 80	Not Detected	5 6	Not Detected
1 3 5 Trimethylbenzene	0 80	Not Detected	4 0	Not Detected
1 2 4 Trimethylbenzene	0 80	Not Detected	4 0	Not Detected
1 3 Dichlorobenzene	0 80	Not Detected	4 9	Not Detected
1 4 Dichlorobenzene	0 80	Not Detected	4 9	Not Detected
alpha Chlorotoluene	0 80	Not Detected	4 2	Not Detected
1 2 Dichlorobenzene	0 80	Not Detected	4 9	Not Detected
1 3 Butadiene	0 80	Not Detected	1 8	Not Detected
Hexane	0 80	Not Detected	2 9	Not Detected
Cyclohexane	0 80	Not Detected	2 8	Not Detected
Heptane	0 80	Not Detected	3 4	Not Detected
Bromodichloromethane	0 80	Not Detected	5 5	Not Detected
Dibromochloromethane	0 80	Not Detected	7 0	Not Detected

AIR TOXICS LTD

SAMPLE NAME 0410050 Duplicate

ID# 0402204-01AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: [illegible] Date of Collection: 2/4/04
DIL Factor: [illegible] Date of Analysis: 2/17/04 10:14 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0 80	Not Detected	4 0	Not Detected
Propylbenzene	0 80	Not Detected	4 0	Not Detected
Chloromethane	3.2	Not Detected	6 8	Not Detected
1 2 4-Trichlorobenzene	3.2	Not Detected	24	Not Detected
Hexachlorobutadiene	3.2	Not Detected	35	Not Detected
Acetone	3.2	Not Detected	7 8	Not Detected
Carbon Disulfide	3 2	Not Detected	10	Not Detected
2 Propanol	3 2	Not Detected	8 0	Not Detected
trans 1 2 Dichloroethene	3 2	Not Detected	13	Not Detected
Vinyl Acetate	3.2	Not Detected	12	Not Detected
2 Butanone (Methyl Ethyl Ketone)	3.2	Not Detected	9 6	Not Detected
Tetrahydrofuran	3.2	Not Detected	9 6	Not Detected
1 4 Dioxane	3 2	Not Detected	12	Not Detected
4 Methyl 2 pentanone	3 2	Not Detected	13	Not Detected
2 Hexanone	3 2	Not Detected	13	Not Detected
Bromoform	3.2	Not Detected	34	Not Detected
4 Ethyltoluene	3 2	Not Detected	16	Not Detected
Ethanol	3 2	Not Detected	6 2	Not Detected
Methyl tert butyl ether	3.2	Not Detected	12	Not Detected

UJ = Non detected compound associated with low bias in the CCV

Container Type 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene d8	101	70 130
1 2 Dichloroethane d4	100	70 130
4 Bromofluorobenzene	94	70 130

AIR TOXICS LTD

SAMPLE NAME 0410051

ID# 0402204-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 602172 Date of Collection: 2/4/04
Dil Factor: 1.52 Date of Analysis: 2/5/04 10:55 PM

Compound	Rpt Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0 76	1 4	3 8	7 2
Freon 114	0 76	Not Detected	5 4	Not Detected
Vinyl Chloride	0 76	Not Detected	2 0	Not Detected
Bromomethane	0 76	Not Detected	3 0	Not Detected
Chloroethane	0 76	Not Detected U J	2 0	Not Detected U J
Freon 11	0 76	Not Detected	4 3	Not Detected
1 1 Dichloroethene	0 76	Not Detected	3 1	Not Detected
Freon 113	0 76	Not Detected	5 9	Not Detected
Methylene Chloride	0 76	Not Detected	2 7	Not Detected
1 1 Dichloroethane	0 76	Not Detected	3 1	Not Detected
cis 1 2 Dichloroethene	0 76	Not Detected	3 1	Not Detected
Chloroform	0 76	Not Detected	3 8	Not Detected
1 1 1 Trichloroethane	0 76	Not Detected	4 2	Not Detected
Carbon Tetrachloride	0 76	Not Detected	4 9	Not Detected
Benzene	0 76	Not Detected	2 5	Not Detected
1 2 Dichloroethane	0 76	Not Detected	3 1	Not Detected
Trichloroethene	0 76	0 90	4 2	4 9
1 2 Dichloropropane	0 76	Not Detected	3 6	Not Detected
cis 1 3 Dichloropropene	0 76	Not Detected	3 5	Not Detected
Toluene	0 76	Not Detected	2 9	Not Detected
trans 1 3 Dichloropropene	0 76	Not Detected	3 5	Not Detected
1 1 2 Trichloroethane	0 76	Not Detected	4 2	Not Detected
Tetrachloroe hene	0 76	Not Detected	5 2	Not Detected
1 2 Dibromoethane (EDB)	0 76	Not Detected	5 9	Not Detected
Chlorobenzene	0 76	Not Detected	3 6	Not Detected
Ethyl Benzene	0 76	Not Detected	3 4	Not Detected
m p-Xylene	0 76	Not Detected	3 4	Not Detected
o-Xylene	0 76	Not Detected	3 4	Not Detected
Styrene	0 76	Not Detected	3 3	Not Detected
1 1 2 2 Tetrachloroethane	0 76	Not Detected	5 3	Not Detected
1 3 5 Trimethylbenzene	0 76	Not Detected	3 8	Not Detected
1 2 4 Trimethylbenzene	0 76	Not Detected	3 8	Not Detected
1 3 Dichlorobenzene	0 76	Not Detected	4 6	Not Detected
1 4 Dichlorobenzene	0 76	Not Detected	4 6	Not Detected
alpha Chlorotoluene	0 76	Not Detected	4 0	Not Detected
1 2 Dichlorobenzene	0 76	Not Detected	4 6	Not Detected
1 3 Butadiene	0 76	Not Detected	1 7	Not Detected
Hexane	0 76	Not Detected	2 7	Not Detected
Cyclohexane	0 76	Not Detected	2 6	Not Detected
Heptane	0 76	Not Detected	3 2	Not Detected
Bromodichloromethane	0 76	Not Detected	5 2	Not Detected
Dibromochloromethane	0 76	Not Detected	6 6	Not Detected

AIR TOXICS LTD

SAMPLE NAME 0410051

ID# 0402204 02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name	s021721	Date of Collection	2/4/04
Dil Factor	1.52	Date of Analysis	2/17/04 10:55 PM

Compound	Rpt Limit (ppbv)	Amount (ppbv)	Rpt Limit (uG/m3)	Amount (uG/m3)
Cumene	0 76	Not Detected	3 8	Not Detected
Propylbenzene	0 76	Not Detected	3 8	Not Detected
Chloromethane	3 0	Not Detected	6 4	Not Detected
1 2 4-Trichlorobenzene	3 0	Not Detected	23	Not Detected
Hexachlorobutadiene	3 0	Not Detected	33	Not Detected
Acetone	3 0	5 0	7 3	12
Carbon Disulfide	3 0	Not Detected	9 6	Not Detected
2 Propanol	3 0	Not Detected	7 6	Not Detected
trans 1 2 Dichloroethene	3 0	Not Detected	12	Not Detected
Vinyl Acetate	3 0	Not Detected	11	Not Detected
2 Butanone (Methyl Ethyl Ketone)	3 0	Not Detected	9 1	Not Detected
Tetrahydrofuran	3 0	Not Detected	9 1	Not Detected
1 4 Dioxane	3 0	Not Detected	11	Not Detected
4 Methyl 2 pentanone	3 0	Not Detected	13	Not Detected
2 Hexanone	3 0	Not Detected	13	Not Detected
Bromoform	3 0	Not Detected	32	Not Detected
4 Ethyltoluene	3 0	Not Detected	15	Not Detected
Ethanol	3 0	6 5	5 8	12
Methyl tert butyl ether	3 0	Not Detected	11	Not Detected

UJ = Non detected compound associated with low bias in the CCV

Container Type 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene d8	100	70 130
1 2 Dichloroethane d4	102	70 130
4 Bromofluorobenzene	95	70 130

AIR TOXICS LTD

SAMPLE NAME 0410052

ID# 0402204 03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: [illegible] Date of Collection: 2/4/04 [illegible]
Dil Factor: [illegible] Date of Analysis: 2/17/04 11:30 PM

Compound	Rpt Limit (ppbv)	Amount (ppbv)	Rpt Limit (uG/m3)	Amount (uG/m3)
Freon 12	0 86	1 1	4 3	5 4
Freon 114	0 86	Not Detected	6 1	Not Detected
Vinyl Chloride	0 86	Not Detected	2 2	Not Detected
Bromomethane	0 86	Not Detected	3 4	Not Detected
Chloroethane	0 86	Not Detected U J	2 3	Not Detected U J
Freon 11	0 86	Not Detected	4 9	Not Detected
1 1 Dichloroethene	0 86	Not Detected	3 4	Not Detected
Freon 113	0 86	Not Detected	6 7	Not Detected
Methylene Chloride	0 86	Not Detected	3 0	Not Detected
1 1 Dichloroethane	0 86	Not Detected	3 5	Not Detected
cis 1 2 Dichloroethene	0 86	Not Detected	3 4	Not Detected
Chloroform	0 86	Not Detected	4 2	Not Detected
1 1 1 Trichloroethane	0 86	Not Detected	4 7	Not Detected
Carbon Tetrachloride	0 86	Not Detected	5 5	Not Detected
Benzene	0 86	Not Detected	2 8	Not Detected
1 2 Dichloroethane	0 86	Not Detected	3 5	Not Detected
Trichloroethene	0 86	3 3	4 7	18
1 2 Dichloropropane	0 86	Not Detected	4 0	Not Detected
cis 1 3 Dichloropropene	0 86	Not Detected	3 9	Not Detected
Toluene	0 86	Not Detected	3 3	Not Detected
trans 1 3 Dichloropropene	0 86	Not Detected	3 9	Not Detected
1 1 2 Trichloroethane	0 86	Not Detected	4 7	Not Detected
Tetrachloroethene	0 86	Not Detected	5 9	Not Detected
1 2 Dibromoethane (EDB)	0 86	Not Detected	6 7	Not Detected
Chlorobenzene	0 86	Not Detected	4 0	Not Detected
Ethyl Benzene	0 86	Not Detected	3 8	Not Detected
m p Xylene	0 86	Not Detected	3 8	Not Detected
o-Xylene	0 86	Not Detected	3 8	Not Detected
Styrene	0 86	Not Detected	3 7	Not Detected
1 1 2 2 Tetrachloroethane	0 86	Not Detected	6 0	Not Detected
1 3 5 Trimethylbenzene	0 86	Not Detected	4 3	Not Detected
1 2 4 Trimethylbenzene	0 86	Not Detected	4 3	Not Detected
1 3 Dichlorobenzene	0 86	Not Detected	5 2	Not Detected
1 4 Dichlorobenzene	0 86	Not Detected	5 2	Not Detected
alpha Chlorotoluene	0 86	Not Detected	4 5	Not Detected
1 2 Dichlorobenzene	0 86	Not Detected	5 2	Not Detected
1 3 Butadiene	0 86	Not Detected	1 9	Not Detected
Hexane	0 86	Not Detected	3 1	Not Detected
Cyclohexane	0 86	Not Detected	3 0	Not Detected
Heptane	0 86	Not Detected	3 6	Not Detected
Bromodichloromethane	0 86	Not Detected	5 8	Not Detected
Dibromochloromethane	0 86	Not Detected	7 4	Not Detected

AIR TOXICS LTD

SAMPLE NAME 0410052

ID# 0402204 03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 5021722 | Date of Collection: 2/4/04
Dil Factor: 1.71 | Date of Analysis: 2/17/04 11:38 PM

Compound	Rpt Limit (ppbv)	Amount (ppbv)	Rpt Limit (uG/m3)	Amount (uG/m3)
Cumene	0 86	Not Detected	4 3	Not Detected
Propylbenzene	0 86	Not Detected	4 3	Not Detected
Chloromethane	3 4	Not Detected	7 2	Not Detected
1 2 4 Trichlorobenzene	3 4	Not Detected	26	Not Detected
Hexachlorobutadiene	3 4	Not Detected	37	Not Detected
Acetone	3 4	4 6	8 2	11
Carbon Disulfide	3 4	Not Detected	11	Not Detected
2 Propanol	3 4	Not Detected	8 5	Not Detected
trans 1 2 Dichloroethene	3 4	Not Detected	14	Not Detected
Vinyl Acetate	3 4	Not Detected	12	Not Detected
2 Butanone (Methyl Ethyl Ketone)	3 4	Not Detected	10	Not Detected
Tetrahydrofuran	3 4	Not Detected	10	Not Detected
1 4 Dioxane	3 4	Not Detected	12	Not Detected
4 Methyl 2 pentanone	3 4	Not Detected	14	Not Detected
2 Hexanone	3 4	Not Detected	14	Not Detected
Bromoform	3 4	Not Detected	36	Not Detected
4 Ethyltoluene	3 4	Not Detected	17	Not Detected
Ethanol	3 4	Not Detected	6 5	Not Detected
Methyl tert butyl ether	3 4	Not Detected	12	Not Detected

UJ = Non detected compound associated with low bias in the CCV

Container Type 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene d8	99	70 130
1 2 Dichloroethane d4	103	70 130
4 Bromofluorobenzene	96	70 130

AIR TOXICS LTD

SAMPLE NAME 0410053

ID# 0402204 04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: [illegible] 021723 [illegible] Date of Collection: 2/4/04 [illegible]
Dil Factor: [illegible] 1.79 [illegible] Date of Analysis: 2/18/04 12:17 AM [illegible]

Compound	Rpt Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0 90	1 0	4 5	5 1
Freon 114	0 90	Not Detected	6 4	Not Detected
Vinyl Chloride	0 90	Not Detected	2 3	Not Detected
Bromomethane	0 90	Not Detected	3 5	Not Detected
Chloroethane	0 90	Not Detected U J	2 4	Not Detected U J
Freon 11	0 90	Not Detected	5 1	Not Detected
1 1 Dichloroethene	0 90	Not Detected	3 6	Not Detected
Freon 113	0 90	Not Detected	7 0	Not Detected
Methylene Chloride	0 90	Not Detected	3 2	Not Detected
1 1 Dichloroethane	0 90	Not Detected	3 7	Not Detected
cis 1 2 Dichloroethene	0 90	Not Detected	3 6	Not Detected
Chloroform	0 90	Not Detected	4 4	Not Detected
1 1 1 Trichloroethane	0 90	Not Detected	5 0	Not Detected
Carbon Tetrachloride	0 90	Not Detected	5 7	Not Detected
Benzene	0 90	Not Detected	2 9	Not Detected
1 2 Dichloroethane	0 90	Not Detected	3 7	Not Detected
Trichloroethene	0 90	4.2	4 9	23
1 2 Dichloropropane	0 90	Not Detected	4 2	Not Detected
cis 1 3 Dichloropropene	0 90	Not Detected	4 1	Not Detected
Toluene	0 90	Not Detected	3 4	Not Detected
trans 1 3 Dichloropropene	0 90	Not Detected	4 1	Not Detected
1 1 2 Trichloroethane	0 90	Not Detected	5 0	Not Detected
Tetrachloroethene	0 90	Not Detected	6 2	Not Detected
1 2 Dibromoethane (EDB)	0 90	Not Detected	7 0	Not Detected
Chlorobenzene	0 90	Not Detected	4 2	Not Detected
Ethyl Benzene	0 90	Not Detected	3 9	Not Detected
m p-Xylene	0 90	Not Detected	4 0	Not Detected
o-Xylene	0 90	Not Detected	4 0	Not Detected
Styrene	0 90	Not Detected	3 9	Not Detected
1 1 2 2 Tetrachloroethane	0 90	Not Detected	6 2	Not Detected
1 3 5 Trimethylbenzene	0 90	Not Detected	4 5	Not Detected
1 2 4 Trimethylbenzene	0 90	Not Detected	4 5	Not Detected
1 3 Dichlorobenzene	0 90	Not Detected	5 5	Not Detected
1 4 Dichlorobenzene	0 90	Not Detected	5 5	Not Detected
alpha Chlorotoluene	0 90	Not Detected	4 7	Not Detected
1 2 Dichlorobenzene	0 90	Not Detected	5 5	Not Detected
1 3 Butadiene	0 90	Not Detected	2 0	Not Detected
Hexane	0 90	Not Detected	3 2	Not Detected
Cyclohexane	0 90	Not Detected	3 1	Not Detected
Heptane	0 90	Not Detected	3 7	Not Detected
Bromodichloromethane	0 90	Not Detected	6 1	Not Detected
Dibromochloromethane	0 90	Not Detected	7 7	Not Detected

AIR TOXICS LTD

SAMPLE NAME 0410053

ID# 0402204 04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 02172 Date of Collection: 2/4/04
Dil Factor: 1.79 Date of Analysis: 2/18/04 12:17 AM

Compound	Rpt Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0 90	Not Detected	4 5	Not Detected
Propylbenzene	0 90	Not Detected	4 5	Not Detected
Chloromethane	3 6	Not Detected	7 5	Not Detected
1 2 4 Trichlorobenzene	3 6	Not Detected	27	Not Detected
Hexachlorobutadiene	3 6	Not Detected	39	Not Detected
Acetone	3 6	Not Detected	8 6	Not Detected
Carbon Disulfide	3 6	Not Detected	11	Not Detected
2 Propanol	3 6	Not Detected	8 9	Not Detected
trans 1 2 Dichloroethene	3 6	Not Detected	14	Not Detected
Vinyl Acetate	3 6	Not Detected	13	Not Detected
2 Butanone (Methyl Ethyl Ketone)	3 6	Not Detected	11	Not Detected
Tetrahydrofuran	3 6	Not Detected	11	Not Detected
1 4 Dioxane	3 6	Not Detected	13	Not Detected
4 Methyl 2 pentanone	3 6	Not Detected	15	Not Detected
2 Hexanone	3 6	Not Detected	15	Not Detected
Bromoform	3 6	Not Detected	38	Not Detected
4 Ethyltoluene	3 6	Not Detected	18	Not Detected
Ethanol	3 6	Not Detected	6 8	Not Detected
Methyl tert butyl ether	3 6	Not Detected	13	Not Detected

UJ = Non detected compound associated with low bias in the CCV

Container Type 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene d8	100	70 130
1 2 Dichloroethane d4	103	70 130
4 Bromofluorobenzene	96	70 130

AIR TOXICS LTD

SAMPLE NAME 0410054

ID# 0402204 05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 5021724 Date of Collection: 2/4/04
Dil Factor: 1.7 Date of Analysis: 12/18/04 12:58 AM

Compound	Rpt Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0 86	1 3	4 3	6 6
Freon 114	0 86	Not Detected	6 1	Not Detected
Vinyl Chloride	0 86	Not Detected	2 2	Not Detected
Bromomethane	0 86	Not Detected	3 4	Not Detected
Chloroethane	0 86	Not Detected U J	2 3	Not Detected U J
Freon 11	0 86	Not Detected	4 9	Not Detected
1 1 Dichloroethene	0 86	Not Detected	3 4	Not Detected
Freon 113	0 86	Not Detected	6 7	Not Detected
Methylene Chloride	0 86	Not Detected	3 0	Not Detected
1 1 Dichloroethane	0 86	Not Detected	3 5	Not Detected
cis 1 2 Dichloroethene	0 86	Not Detected	3 4	Not Detected
Chloroform	0 86	Not Detected	4 2	Not Detected
1 1 1 Trichloroethane	0 86	Not Detected	4 7	Not Detected
Carbon Tetrachloride	0 86	Not Detected	5 5	Not Detected
Benzene	0 86	Not Detected	2 8	Not Detected
1 2 Dichloroethane	0 86	Not Detected	3 5	Not Detected
Trichloroethene	0 86	0 93	4 7	5 1
1 2 Dichloropropane	0 86	Not Detected	4 0	Not Detected
cis 1 3 Dichloropropene	0 86	Not Detected	3 9	Not Detected
Toluene	0 86	Not Detected	3 3	Not Detected
trans 1 3-Dichloropropene	0 86	Not Detected	3 9	Not Detected
1 1 2 Trichloroethane	0 86	Not Detected	4 7	Not Detected
Tetrachloroethene	0 86	Not Detected	5 9	Not Detected
1 2 Dibromoethane (EDB)	0 86	Not Detected	6 7	Not Detected
Chlorobenzene	0 86	Not Detected	4 0	Not Detected
Ethyl Benzene	0 86	Not Detected	3 8	Not Detected
m p-Xylene	0 86	Not Detected	3 8	Not Detected
o-Xylene	0 86	Not Detected	3 8	Not Detected
Styrene	0 86	Not Detected	3 7	Not Detected
1 1 2 2 Tetrachloroethane	0 86	Not Detected	6 0	Not Detected
1 3 5 Trimethylbenzene	0 86	Not Detected	4 3	Not Detected
1 2 4 Trimethylbenzene	0 86	Not Detected	4 3	Not Detected
1 3 Dichlorobenzene	0 86	Not Detected	5 2	Not Detected
1 4 Dichlorobenzene	0 86	Not Detected	5 2	Not Detected
alpha Chlorotoluene	0 86	Not Detected	4 5	Not Detected
1 2 Dichlorobenzene	0 86	Not Detected	5 2	Not Detected
1 3 Butadiene	0 86	Not Detected	1 9	Not Detected
Hexane	0 86	Not Detected	3 1	Not Detected
Cyclohexane	0 86	Not Detected	3 0	Not Detected
Heptane	0 86	Not Detected	3 6	Not Detected
Bromodichloromethane	0 86	Not Detected	5 8	Not Detected
Dibromochloromethane	0 86	Not Detected	7 4	Not Detected

AIR TOXICS LTD

SAMPLE NAME 0410054

ID# 0402204 05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	s021724	Date of Collection:	2/4/04
Dil. Factor:	[illegible]	Date of Analysis:	2/18/04 12:58 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt Limit (uG/m3)	Amount (uG/m3)
Cumene	0 86	Not Detected	4 3	Not Detected
Propylbenzene	0 86	Not Detected	4 3	Not Detected
Chloromethane	3 4	Not Detected	7 2	Not Detected
1 2 4-Trichlorobenzene	3 4	Not Detected	26	Not Detected
Hexachlorobutadiene	3 4	Not Detected	37	Not Detected
Acetone	3 4	Not Detected	8 2	Not Detected
Carbon Disulfide	3 4	Not Detected	11	Not Detected
2 Propanol	3 4	Not Detected	8 5	Not Detected
trans 1 2 Dichloroethene	3 4	Not Detected	14	Not Detected
Vinyl Acetate	3 4	Not Detected	12	Not Detected
2 Butanone (Methyl Ethyl Ketone)	3 4	Not Detected	10	Not Detected
Tetrahydrofuran	3 4	Not Detected	10	Not Detected
1 4 Dioxane	3 4	Not Detected	12	Not Detected
4 Methyl 2 pentanone	3 4	Not Detected	14	Not Detected
2 Hexanone	3 4	Not Detected	14	Not Detected
Bromoform	3 4	Not Detected	36	Not Detected
4 Ethyltoluene	3 4	Not Detected	17	Not Detected
Ethanol	3 4	Not Detected	6 5	Not Detected
Methyl tert butyl ether	3 4	Not Detected	12	Not Detected

UJ = Non detected compound associated with low bias in the CCV

Container Type 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene d8	100	70 130
1 2 Dichloroethane d4	102	70 130
4 Bromofluorobenzene	96	70 130

AIR TOXICS LTD

SAMPLE NAME 0410055

ID# 0402204-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	021725	Date of Collection:	2/4/04
Dil. Factor:	1.52	Date of Analysis:	2/18/04 01:40 AM

Compound	Rpt Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0 76	0 85	3 8	4 2
Freon 114	0 76	Not Detected	5 4	Not Detected
Vinyl Chloride	0 76	Not Detected	2 0	Not Detected
Bromomethane	0 76	Not Detected	3 0	Not Detected
Chloroethane	0 76	Not Detected U J	2 0	Not Detected U J
Freon 11	0 76	Not Detected	4 3	Not Detected
1 1 Dichloroethene	0 76	Not Detected	3 1	Not Detected
Freon 113	0 76	Not Detected	5 9	Not Detected
Methylene Chloride	0 76	Not Detected	2 7	Not Detected
1 1 Dichloroethane	0 76	Not Detected	3 1	Not Detected
cis 1 2 Dichloroethene	0 76	Not Detected	3 1	Not Detected
Chloroform	0 76	Not Detected	3 8	Not Detected
1 1 1 Trichloroethane	0 76	Not Detected	4 2	Not Detected
Carbon Tetrachloride	0 76	Not Detected	4 9	Not Detected
Benzene	0 76	Not Detected	2 5	Not Detected
1 2 Dichloroethane	0 76	Not Detected	3 1	Not Detected
Trichloroethene	0 76	0 96	4 2	5 2
1 2 Dichloropropane	0 76	Not Detected	3 6	Not Detected
cis 1 3 Dichloropropene	0 76	Not Detected	3 5	Not Detected
Toluene	0 76	Not Detected	2 9	Not Detected
trans 1 3 Dichloropropene	0 76	Not Detected	3 5	Not Detected
1 1 2 Trichloroethane	0 76	Not Detected	4 2	Not Detected
Tetrachloroethene	0 76	Not Detected	5 2	Not Detected
1 2 Dibromoethane (EDB)	0 76	Not Detected	5 9	Not Detected
Chlorobenzene	0 76	Not Detected	3 6	Not Detected
Ethyl Benzene	0 76	Not Detected	3 4	Not Detected
m p-Xylene	0 76	Not Detected	3 4	Not Detected
o-Xylene	0 76	Not Detected	3 4	Not Detected
Styrene	0 76	Not Detected	3 3	Not Detected
1 1 2 2 Tetrachloroethane	0 76	Not Detected	5 3	Not Detected
1 3 5 Trimethylbenzene	0 76	Not Detected	3 8	Not Detected
1 2 4 Trimethylbenzene	0 76	Not Detected	3 8	Not Detected
1 3 Dichlorobenzene	0 76	Not Detected	4 6	Not Detected
1 4 Dichlorobenzene	0 76	Not Detected	4 6	Not Detected
alpha Chlorotoluene	0 76	Not Detected	4 0	Not Detected
1 2 Dichlorobenzene	0 76	Not Detected	4 6	Not Detected
1 3 Butadiene	0 76	Not Detected	1 7	Not Detected
Hexane	0 76	Not Detected	2 7	Not Detected
Cyclohexane	0 76	Not Detected	2 6	Not Detected
Heptane	0 76	Not Detected	3 2	Not Detected
Bromodichloromethane	0 76	Not Detected	5 2	Not Detected
Dibromochloromethane	0 76	Not Detected	6 6	Not Detected

AIR TOXICS LTD

SAMPLE NAME 0410055

ID# 0402204 06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021F25	Date of Collection: 2/4/04
Dil Factor:	1.52	Date of Analysis: 2/18/04 01:40 AM

Compound	Rpt Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0 76	Not Detected	3 8	Not Detected
Propylbenzene	0 76	Not Detected	3 8	Not Detected
Chloromethane	3 0	Not Detected	6 4	Not Detected
1 2 4 Trichlorobenzene	3 0	Not Detected	23	Not Detected
Hexachlorobutadiene	3 0	Not Detected	33	Not Detected
Acetone	3 0	8 1	7 3	19
Carbon Disulfide	3 0	Not Detected	9 6	Not Detected
2 Propanol	3 0	5 9	7 6	15
trans 1 2 Dichloroethene	3 0	Not Detected	12	Not Detected
Vinyl Acetate	3 0	Not Detected	11	Not Detected
2 Butanone (Methyl Ethyl Ketone)	3 0	Not Detected	9 1	Not Detected
Tetrahydrofuran	3 0	Not Detected	9 1	Not Detected
1 4 Dioxane	3 0	Not Detected	11	Not Detected
4 Methyl 2 pentanone	3 0	Not Detected	13	Not Detected
2 Hexanone	3 0	Not Detected	13	Not Detected
Bromoform	3 0	Not Detected	32	Not Detected
4 Ethyltoluene	3 0	Not Detected	15	Not Detected
Ethanol	3 0	8 5	5 8	16
Methyl tert butyl ether	3 0	Not Detected	11	Not Detected

UJ = Non detected compound associated with low bias in the CCV

Container Type 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene d8	99	70 130
1 2 Dichloroethane d4	102	70 130
4 Bromofluorobenzene	97	70 130

AIR TOXICS LTD

SAMPLE NAME 0410056

ID# 0402204 07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: s021726 | Date of Collection: 2/4/04
Dil Factor: 2.59 | Date of Analysis: 2/18/04 02:21 AM

Compound	Rpt Limit (ppbv)	Amount (ppbv)	Rpt Limit (uG/m3)	Amount (uG/m3)
Freon 12	1 3	Not Detected	6 5	Not Detected
Freon 114	1 3	Not Detected	9 2	Not Detected
Vinyl Chloride	1 3	Not Detected	3 4	Not Detected
Bromomethane	1 3	Not Detected	5 1	Not Detected
Chloroethane	1 3	Not Detected U J	3 5	Not Detected U J
Freon 11	1 3	Not Detected	7 4	Not Detected
1 1 Dichloroethene	1 3	Not Detected	5 2	Not Detected
Freon 113	1 3	Not Detected	10	Not Detected
Methylene Chloride	1 3	Not Detected	4 6	Not Detected
1 1 Dichloroethane	1 3	Not Detected	5 3	Not Detected
cis 1 2 Dichloroethene	1 3	Not Detected	5 2	Not Detected
Chloroform	1 3	Not Detected	6 4	Not Detected
1 1 1 Trichloroethane	1 3	Not Detected	7 2	Not Detected
Carbon Tetrachloride	1 3	Not Detected	8 3	Not Detected
Benzene	1 3	Not Detected	4 2	Not Detected
1 2 Dichloroethane	1 3	Not Detected	5 3	Not Detected
Trichloroethene	1 3	1 4	7 1	7 8
1 2 Dichloropropane	1 3	Not Detected	6 1	Not Detected
cis 1 3 Dichloropropene	1 3	Not Detected	6 0	Not Detected
Toluene	1 3	Not Detected	5 0	Not Detected
trans 1 3 Dichloropropene	1 3	Not Detected	6 0	Not Detected
1 1 2 Trichloroethane	1 3	Not Detected	7 2	Not Detected
Tetrachloroethene	1 3	Not Detected	8 9	Not Detected
1 2 Dibromoethane (EDB)	1 3	Not Detected	10	Not Detected
Chlorobenzene	1 3	Not Detected	6 0	Not Detected
Ethyl Benzene	1 3	Not Detected	5 7	Not Detected
m p-Xylene	1 3	Not Detected	5 7	Not Detected
o-Xylene	1 3	Not Detected	5 7	Not Detected
Styrene	1 3	Not Detected	5 6	Not Detected
1 1 2 2 Tetrachloroethane	1 3	Not Detected	9 0	Not Detected
1 3 5 Trimethylbenzene	1 3	Not Detected	6 5	Not Detected
1 2 4 Trimethylbenzene	1 3	Not Detected	6 5	Not Detected
1 3 Dichlorobenzene	1 3	Not Detected	7 9	Not Detected
1 4 Dichlorobenzene	1 3	Not Detected	7 9	Not Detected
alpha Chlorotoluene	1 3	Not Detected	6 8	Not Detected
1 2 Dichlorobenzene	1 3	Not Detected	7 9	Not Detected
1 3 Butadiene	1 3	Not Detected	2 9	Not Detected
Hexane	1 3	Not Detected	4 6	Not Detected
Cyclohexane	1 3	Not Detected	4 5	Not Detected
Heptane	1 3	Not Detected	5 4	Not Detected
Bromodichloromethane	1 3	Not Detected	8 8	Not Detected
Dibromochloromethane	1 3	Not Detected	11	Not Detected

AIR TOXICS LTD

SAMPLE NAME 0410056

ID# 0402204-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	s021726	Date of Collection:	2/4/04
Dil Factor:	2.59	Date of Analysis:	2/18/04 02:21 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	1 3	Not Detected	6 5	Not Detected
Propylbenzene	1 3	Not Detected	6 5	Not Detected
Chloromethane	5.2	Not Detected	11	Not Detected
1 2 4-Trichlorobenzene	5.2	Not Detected	39	Not Detected
Hexachlorobutadiene	5 2	Not Detected	56	Not Detected
Acetone	5 2	Not Detected	12	Not Detected
Carbon Disulfide	5 2	Not Detected	16	Not Detected
2 Propanol	5 2	Not Detected	13	Not Detected
trans 1 2 Dichloroethene	5 2	Not Detected	21	Not Detected
Vinyl Acetate	5 2	Not Detected	18	Not Detected
2 Butanone (Methyl Ethyl Ketone)	5 2	Not Detected	16	Not Detected
Tetrahydrofuran	5.2	Not Detected	16	Not Detected
1 4 Dioxane	5 2	Not Detected	19	Not Detected
4 Methyl 2 pentanone	5 2	Not Detected	22	Not Detected
2 Hexanone	5 2	Not Detected	22	Not Detected
Bromoform	5.2	Not Detected	54	Not Detected
4 Ethyltoluene	5 2	Not Detected	26	Not Detected
Ethanol	5.2	Not Detected	9 9	Not Detected
Methyl tert butyl ether	5 2	Not Detected	19	Not Detected

UJ = Non detected compound associated with low bias in the CCV

Container Type 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene d8	99	70 130
1 2 Dichloroethane d4	103	70 130
4 Bromofluorobenzene	96	70 130

AIR TOXICS LTD

SAMPLE NAME 0410057

ID# 0402204-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	s0217[illegible]	Date of Collection:	2/4/04
Dil. Factor:	1.00	Date of Analysis:	2/18/04 03:02 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0 50	Not Detected	2 5	Not Detected
Freon 114	0 50	Not Detected	3 6	Not Detected
Vinyl Chloride	0 50	Not Detected	1 3	Not Detected
Bromomethane	0 50	Not Detected	2 0	Not Detected
Chloroethane	0 50	Not Detected U J	1 3	Not Detected U J
Freon 11	0 50	Not Detected	2 8	Not Detected
1 1 Dichloroethene	0 50	Not Detected	2 0	Not Detected
Freon 113	0 50	Not Detected	3 9	Not Detected
Methylene Chloride	0 50	Not Detected	1 8	Not Detected
1 1 Dichloroethane	0 50	Not Detected	2 0	Not Detected
cis 1 2 Dichloroethene	0 50	Not Detected	2 0	Not Detected
Chloroform	0 50	Not Detected	2 5	Not Detected
1 1 1 Trichloroethane	0 50	Not Detected	2 8	Not Detected
Carbon Tetrachloride	0 50	Not Detected	3 2	Not Detected
Benzene	0 50	Not Detected	1 6	Not Detected
1 2 Dichloroethane	0 50	Not Detected	2 0	Not Detected
Trichloroethene	0 50	Not Detected	2 7	Not Detected
1 2 Dichloropropane	0 50	Not Detected	2 3	Not Detected
cis 1 3 Dichloropropene	0 50	Not Detected	2 3	Not Detected
Toluene	0 50	Not Detected	1 9	Not Detected
trans 1 3 Dichloropropene	0 50	Not Detected	2 3	Not Detected
1 1 2 Trichloroethane	0 50	Not Detected	2 8	Not Detected
Tetrachloroethene	0 50	Not Detected	3 4	Not Detected
1 2 Dibromoethane (EDB)	0 50	Not Detected	3 9	Not Detected
Chlorobenzene	0 50	Not Detected	2 3	Not Detected
Ethyl Benzene	0 50	Not Detected	2 2	Not Detected
m p-Xylene	0 50	Not Detected	2 2	Not Detected
o-Xylene	0 50	Not Detected	2 2	Not Detected
Styrene	0 50	Not Detected	2 2	Not Detected
1 1 2 2 Tetrachloroethane	0 50	Not Detected	3 5	Not Detected
1 3 5 Trimethylbenzene	0 50	Not Detected	2 5	Not Detected
1 2 4 Trimethylbenzene	0 50	Not Detected	2 5	Not Detected
1 3 Dichlorobenzene	0 50	Not Detected	3 0	Not Detected
1 4 Dichlorobenzene	0 50	Not Detected	3 0	Not Detected
alpha Chlorotoluene	0 50	Not Detected	2 6	Not Detected
1 2 Dichlorobenzene	0 50	Not Detected	3 0	Not Detected
1 3 Butadiene	0 50	Not Detected	1 1	Not Detected
Hexane	0 50	Not Detected	1 8	Not Detected
Cyclohexane	0 50	Not Detected	1 7	Not Detected
Heptane	0 50	Not Detected	2 1	Not Detected
Bromodichloromethane	0 50	Not Detected	3 4	Not Detected
Dibromochloromethane	0 50	Not Detected	4 3	Not Detected

AIR TOXICS LTD

SAMPLE NAME 0410057

ID# 0402204-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	021727	Date of Collection:	2/4/04
Dil. Factor:	1.00	Date of Analysis:	2/18/04 03:02 AM

Compound	Rpt Limit (ppbv)	Amount (ppbv)	Rpt Limit (uG/m3)	Amount (uG/m3)
Cumene	0 50	Not Detected	2 5	Not Detected
Propylbenzene	0 50	Not Detected	2 5	Not Detected
Chloromethane	2 0	Not Detected	4 2	Not Detected
1 2 4-Trichlorobenzene	2 0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
Acetone	2 0	Not Detected	4 8	Not Detected
Carbon Disulfide	2 0	Not Detected	6 3	Not Detected
2 Propanol	2 0	Not Detected	5 0	Not Detected
trans 1 2 Dichloroethene	2 0	Not Detected	8 0	Not Detected
Vinyl Acetate	2 0	Not Detected	7 2	Not Detected
2 Butanone (Methyl Ethyl Ketone)	2 0	Not Detected	6 0	Not Detected
Tetrahydrofuran	2 0	Not Detected	6 0	Not Detected
1 4 Dioxane	2 0	Not Detected	7 3	Not Detected
4 Methyl 2 pentanone	2 0	Not Detected	8 3	Not Detected
2 Hexanone	2 0	Not Detected	8 3	Not Detected
Bromoform	2 0	Not Detected	21	Not Detected
4 Ethyltoluene	2 0	Not Detected	10	Not Detected
Ethanol	2 0	Not Detected	3 8	Not Detected
Methyl tert butyl ether	2 0	Not Detected	7 3	Not Detected

UJ = Non detected compound associated with low bias in the CCV

Container Type 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene d8	100	70 130
1 2 Dichloroethane d4	104	70 130
4 Bromofluorobenzene	98	70 130

AIR TOXICS LTD

SAMPLE NAME Lab Blank

ID# 0402204-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: [illegible] Date of Collection: NA
Dil Factor: [illegible] Date of Analysis: 2/17/04 12:42 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt Limit (uG/m3)	Amount (uG/m3)
Freon 12	0 50	Not Detected	2 5	Not Detected
Freon 114	0 50	Not Detected	3 6	Not Detected
Vinyl Chloride	0 50	Not Detected	1 3	Not Detected
Bromomethane	0 50	Not Detected	2 0	Not Detected
Chloroethane	0 50	Not Detected U J	1 3	Not Detected U J
Freon 11	0 50	Not Detected	2 8	Not Detected
1 1 Dichloroethene	0 50	Not Detected	2 0	Not Detected
Freon 113	0 50	Not Detected	3 9	Not Detected
Methylene Chloride	0 50	Not Detected	1 8	Not Detected
1 1 Dichloroethane	0 50	Not Detected	2 0	Not Detected
cis 1 2 Dichloroethene	0 50	Not Detected	2 0	Not Detected
Chloroform	0 50	Not Detected	2 5	Not Detected
1 1 1 Trichloroethane	0 50	Not Detected	2 8	Not Detected
Carbon Tetrachloride	0 50	Not Detected	3 2	Not Detected
Benzene	0 50	Not Detected	1 6	Not Detected
1 2 Dichloroethane	0 50	Not Detected	2 0	Not Detected
Trichloroethene	0 50	Not Detected	2 7	Not Detected
1 2 Dichloropropane	0 50	Not Detected	2 3	Not Detected
cis 1 3 Dichloropropene	0 50	Not Detected	2 3	Not Detected
Toluene	0 50	Not Detected	1 9	Not Detected
trans 1 3 Dichloropropene	0 50	Not Detected	2 3	Not Detected
1 1 2 Trichloroethane	0 50	Not Detected	2 8	Not Detected
Tetrachloroethene	0 50	Not Detected	3 4	Not Detected
1 2 Dibromoethane (EDB)	0 50	Not Detected	3 9	Not Detected
Chlorobenzene	0 50	Not Detected	2 3	Not Detected
Ethyl Benzene	0 50	Not Detected	2 2	Not Detected
m p Xylene	0 50	Not Detected	2 2	Not Detected
o-Xylene	0 50	Not Detected	2 2	Not Detected
Styrene	0 50	Not Detected	2 2	Not Detected
1 1 2 2 Tetrachloroethane	0 50	Not Detected	3 5	Not Detected
1 3 5 Trimethylbenzene	0 50	Not Detected	2 5	Not Detected
1 2 4 Trimethylbenzene	0 50	Not Detected	2 5	Not Detected
1 3 Dichlorobenzene	0 50	Not Detected	3 0	Not Detected
1 4 Dichlorobenzene	0 50	Not Detected	3 0	Not Detected
alpha Chlorotoluene	0 50	Not Detected	2 6	Not Detected
1 2 Dichlorobenzene	0 50	Not Detected	3 0	Not Detected
1 3 Butadiene	0 50	Not Detected	1 1	Not Detected
Hexane	0 50	Not Detected	1 8	Not Detected
Cyclohexane	0 50	Not Detected	1 7	Not Detected
Heptane	0 50	Not Detected	2 1	Not Detected
Bromodichloromethane	0 50	Not Detected	3 4	Not Detected
Dibromochloromethane	0 50	Not Detected	4 3	Not Detected

AIR TOXICS LTD

SAMPLE NAME Lab Blank

ID# 0402204 09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: [illegible]5021710 Date of Collection: NA

Dil Factor: 1.00 Date of Analysis: 2/17/04 0242 PM

Compound	Rpt Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0 50	Not Detected	2.5	Not Detected
Propylbenzene	0 50	Not Detected	2 5	Not Detected
Chloromethane	2 0	Not Detected	4.2	Not Detected
1 2 4 Trichlorobenzene	2 0	Not Detected	15	Not Detected
Hexachlorobutadiene	2 0	Not Detected	22	Not Detected
Acetone	2 0	Not Detected	4 8	Not Detected
Carbon Disulfide	2 0	Not Detected	6 3	Not Detected
2 Propanol	2 0	Not Detected	5 0	Not Detected
trans 1 2 Dichloroethene	2 0	Not Detected	8 0	Not Detected
Vinyl Acetate	2 0	Not Detected	7 2	Not Detected
2 Butanone (Methyl Ethyl Ketone)	2 0	Not Detected	6 0	Not Detected
Tetrahydrofuran	2 0	Not Detected	6 0	Not Detected
1 4 Dioxane	2 0	Not Detected	7 3	Not Detected
4 Methyl 2 pentanone	2 0	Not Detected	8 3	Not Detected
2 Hexanone	2 0	Not Detected	8 3	Not Detected
Bromoform	2 0	Not Detected	21	Not Detected
4 Ethyltoluene	2 0	Not Detected	10	Not Detected
Ethanol	2 0	Not Detected	3 8	Not Detected
Methyl tert butyl ether	2 0	Not Detected	7 3	Not Detected

UJ = Non detected compound associated with low bias in the CCV

Container Type NA Not Applicable

Surrogates	%Recovery	Method Limits
Toluene d8	99	70 130
1 2 Dichloroethane d4	101	70 130
4 Bromofluorobenzene	98	70 130

AIR TOXICS LTD

SAMPLE NAME CCV

ID# 0402204 10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 021702 Date of Collection: NA
Dil. Factor: 1.00 Date of Analysis: 2/17/04 09:17 AM

Compound	%Recovery
Freon 12	85
Freon 114	86
Vinyl Chloride	83
Bromomethane	82
Chloroethane	65 Q
Freon 11	94
1 1 Dichloroethene	84
Freon 113	85
Methylene Chloride	83
1 1 Dichloroethane	86
cis 1 2 Dichloroethene	85
Chloroform	85
1 1 1 Trichloroethane	89
Carbon Tetrachloride	98
Benzene	86
1 2 Dichloroethane	88
Trichloroethene	81
1 2 Dichloropropane	86
cis 1 3 Dichloropropene	90
Toluene	86
trans 1 3 Dichloropropene	94
1 1 2 Trichloroethane	89
Tetrachloroethene	87
1 2 Dibromoethane (EDB)	90
Chlorobenzene	87
Ethyl Benzene	87
m p-Xylene	83
o-Xylene	86
Styrene	90
1 1 2 2 Tetrachloroethane	93
1 3 5 Trimethylbenzene	85
1 2 4 Trimethylbenzene	88
1 3 Dichlorobenzene	86
1 4 Dichlorobenzene	87
alpha Chlorotoluene	85
1 2 Dichlorobenzene	87
1 3 Butadiene	84
Hexane	82
Cyclohexane	84
Heptane	88
Bromodichloromethane	91
Dibromochloromethane	96

AIR TOXICS LTD

SAMPLE NAME CCV

ID# 0402204 10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: s021702 Date of Collection: NA
Dil Factor: 1.00 Date of Analysis: 2/17/04 09:17 AM

Compound	%Recovery
Cumene	79
Propylbenzene	80
Chloromethane	79
1 2 4 Trichlorobenzene	127
Hexachlorobutadiene	99
Acetone	86
Carbon Disulfide	84
2 Propanol	93
trans 1 2 Dichloroethene	81
Vinyl Acetate	81
2 Butanone (Methyl Ethyl Ketone)	90
Tetrahydrofuran	78
1 4 Dioxane	86
4 Methyl 2 pentanone	94
2 Hexanone	98
Bromoform	96
4 Ethyltoluene	86
Ethanol	116
Methyl tert butyl ether	70

Q = Exceeds Quality Control limits

Container Type NA Not Applicable

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

AIR TOXICS LTD

SAMPLE NAME LCS

ID# 0402204 11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: [illegible]02170[illegible] Date of Collection: NA
Dil Factor: 1.00 Date of Analysis: 2/17/04 09:55 AM

Compound	%Recovery
Freon 12	88
Freon 114	89
Vinyl Chloride	88
Bromomethane	101
Chloroethane	73
Freon 11	100
1 1 Dichloroethene	87
Freon 113	86
Methylene Chloride	86
1 1 Dichloroethane	91
cis 1 2 Dichloroethene	75
Chloroform	89
1 1 1 Trichloroethane	102
Carbon Tetrachloride	109
Benzene	96
1 2 Dichloroethane	98
Trichloroethene	89
1 2 Dichloropropane	100
cis 1 3 Dichloropropene	97
Toluene	88
trans 1 3 Dichloropropene	100
1 1 2 Trichloroethane	94
Tetrachloroethene	90
1 2 Dibromoethane (EDB)	87
Chlorobenzene	89
Ethyl Benzene	86
m p-Xylene	81
o-Xylene	82
Styrene	91
1 1 2 2 Tetrachloroethane	96
1 3 5 Trimethylbenzene	78
1 2 4 Trimethylbenzene	75
1 3 Dichlorobenzene	84
1 4 Dichlorobenzene	79
alpha Chlorotoluene	105
1 2 Dichlorobenzene	83
1 3 Butadiene	90
Hexane	80
Cyclohexane	80
Heptane	84
Bromodichloromethane	85
Dibromochloromethane	89

AIR TOXICS LTD

SAMPLE NAME LCS

ID# 0402204 11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 502 1703 Date of Collection: NA

Dil Factor: 1.00 Date of Analysis: 2/17/04 09:56 AM

Compound	%Recovery
Cumene	123
Propylbenzene	93
Chloromethane	77
1 2 4 Trichlorobenzene	99
Hexachlorobutadiene	76
Acetone	84
Carbon Disulfide	82
2 Propanol	100
trans 1 2 Dichloroethene	79
Vinyl Acetate	92
2 Butanone (Methyl Ethyl Ketone)	89
Tetrahydrofuran	80
1 4 Dioxane	89
4 Methyl 2 pentanone	94
2 Hexanone	100
Bromoform	80
4 Ethyltoluene	94
Ethanol	108
Methyl tert butyl ether	68

Container Type NA Not Applicable

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