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Indoor Air Quality Report

Milne Grove School

565 East 7th Street, Lockport, Illinois 60441

EGSL Project No. 1901124

Prepared for:
Mr. Jim Pierson
Lockport School District 91
808 Adams Street
Lockport, Illinois 60441

Prepared by:
Michelle Budniak
Project Manager

March 11, 2019

Reducing the Risks. Stopping the Causes. Correcting the Effects.

1. EXECUTIVE SUMMARY

Environmental Group Services, Limited (EGSL) of Chicago, Illinois was contracted by *Lockport School District 91* to perform an Indoor Air Quality investigation of *Milne Grove School*, located at 565 7th Street, Lockport Illinois.

The investigation was performed in response to non-specified concerns regarding indoor air quality within the school premises.

The indoor air quality investigation was conducted on February 20, 2019, and consisted of collecting air samples from various office areas throughout the school building. Air samples were analyzed for typical nuisance agents associated with adverse indoor air quality such as formaldehyde, radon, Volatile Organic Compounds (VOCs), mold spores, settled dust and fixed atmospheric gases using OSHA, NIOSH and AIHA approved methodology. Results of the air monitoring as well as recommendations for improving indoor air quality are summarized in this report.

2. SITE DETAILS AND VISUAL INSPECTION

The site is a two story structure, currently occupied by a primary school. Flooring consists mostly of terrazzo style, or vinyl floor tile.. The ceiling is a suspended acoustical tile type, with a plenum situated above.

At the time of the inspection, EGSL did not note any visible mold nor any musty or otherwise unusual nuisance odors. The structure was well furnished with amenities typically found in a school. The premises were well maintained and clean, with no settled dust accumulating on surfaces.

3. AIR MONITORING

February 20, 2019, EGSL conducted air sampling of the areas throughout the school building.

In order to identify possible causative agents that are typically responsible for adverse indoor air quality, air samples were collected and analyzed for Formaldehyde, Radon, Volatile Organic Compounds, Settled Dust and Mold Spores in Air. OSHA, AIHA, EPA and NIOSH approved methodologies, or their equivalents, were used as guidance for sample collection and analytical protocol.

In order to identify possible operational insufficiencies in the air exchange provided by the HVAC systems, fixed atmospheric gases were measured in the field using a *MultiRae Lite PGM-6208* Gas Monitor. The various methodologies are summarized below.

- NIOSH 2016- Determination of Formaldehyde in Air, solid sorbent silica gel coated with 2,4-dinitophenylhydrazine, 0.5 L/min flow rate, 30 minute sampling interval, analysis by HPLC/UV detector.

- Passive short term measurement of Radon with activated charcoal detector, liquid scintillation counting.

- EPA Method TO-15 - Determination of Volatile Organic Compounds in Air, Grab samples collected in lab-prepared, evacuated 1 liter Summa canisters, analysis by GC/MS.

- NIOSH 0500 Determination of Nuisance Dusts, Particulates Not Otherwise Specified, Tared 37-mm, 5 micron PVC filter, XAD, 1.5 L/min flow rate, 10 minute sampling interval, gravimetric analysis.

- Bioaerosol Sampling – Concentration of total airborne mold spores, Air-O-Cell 37-mm cassette, 15 L/min flow rate, 10 minute sampling interval, count by microscopic examination. A control sample was collected outside the structure for determining a baseline for comparison purposes.

4. ANALYTICAL RESULTS

Four (4) samples were collected from various locations throughout the school for Formaldehyde analysis. The flow rate for each sample was calibrated at 1.5 liters per minute, and samples were collected for ten minutes each. Proper thermal preservation requirements as well as a complete Chain of Custody record were maintained during sample collection and transit to the laboratory. The samples were submitted to *EMSL Analytical Inc.*, an AIHA and EPA Accredited Laboratory for analysis.

4.1 Formaldehyde Results

Sample ID/Location	Concentration (mg/m³)
M-1: First Floor Hallway, West Side	<0.0027
M-2: First Floor Hallway, East Side	<0.0027
M-3: Second Floor Hallway, West Side	<0.0027
M-4: Second Floor Hallway, East Side	<0.0027

Formaldehyde concentrations observed throughout the school did not exceed the OSHA Action Limit of 0.500 mg/m³.

Four (4) samples were collected from various locations within the school for VOCs plus Tentatively Identified Compounds (TICs) analysis. A complete Chain of Custody record was maintained during sample collection and transit to the laboratory. The samples were submitted to *STAT Analysis Corporation*, an AIHA and EPA Accredited Laboratory for analysis.

4.2 VOC Results

Sample ID/Location	MVOC-1 : Can # 60308 1st Floor Outside Main Office	KVOC-2 : Can # 60346 1st Floor Hallway Outside Room 5	KVOC-3 : Can # 60603 2nd Floor Hallway Outside Room 11	KVOC-4 : Can # 60326 2nd Floor Hallway Outside Room 18	ACGIH Recommended Limits
Analyte	Concentration in mg/m^3				
Acetone	0.046	0.027	0.031	0.029	590
Chloromethane	0.0016	< 0.0021	< 0.0018	< 0.0019	105
Dichlorodifluoromethane	0.0028	0.0026	0.0024	0.0025	4,950
Isopropyl Alcohol	0.069	0.059	0.086	0.045	983
Toluene	0.0012	< 0.0015	< 0.0013	< 0.0014	75
Trichlorofluoromethane	0.0058	< 0.0023	< 0.0019	< 0.0020	5,600

The results of the VOCs analysis indicate the presence of various compounds which are ubiquitously present in indoor air, including Acetone, Isopropyl, and Dichlorodifluoromethane. Dichlorodifluoromethane is a common refrigerant, while Acetone and Isopropyl Alcohol may be found in commonly available commercial cleaning solutions. Common volatile byproducts of municipal water disinfection were also present, such as Choromethane and Trichlorofluormethane.

The TICs analysis identified other compounds which are also considered ubiquitously present in typical indoor air samples, including ethanol, acetaldehyde, propane, butane, and Freon-22. All were observed in extremely low quantities, on the magnitude of parts per billion.

None of the concentrations observed in the sample collected from the school exceeded the corresponding time weighted Threshold Limit Values (TLV) promulgated by the *American Conference of Governmental Industrial Hygienists* (ACGIH). The analytical results of the VOCs and TLVs are summarized in the table below. The results of the TICs analysis can be found in *Appendix B*.

Four (4) samples were collected from different locations throughout the school building for Settled Dust analysis. The flow rate for each sample were calibrated at 1.5 liters per minute, and samples were collected for ten minutes each. A complete Chain of Custody record was maintained during sample collection and transit to the laboratory. The samples were submitted to *STAT Analysis Corporation*, an AIHA and EPA Accredited Laboratory for analysis.

4.3 Settled/Nuisance Dust Results

Sample ID/Location	Concentration (mg/m³)
M-1: 1st Floor Hallway West	< 13
M-2: 1st Floor Hallway Center	< 13
M-3: 1st Floor Hallway East	< 13
M-4: 2nd Floor Hallway West	13
M-5: 2nd Floor Hallway Center	< 13
M-6: 2nd Floor Hallway East	< 13

The results of the analysis indicated that nuisance dust was not detected above 13 mg/m³ which is below the OSHA permissible exposure limit of 15 mg/m³.

Using a MultiRae Lite PGM-6208 Gas Monitor, EGSL personnel walked through the school building, to continuously measure concentrations of various fixed gases the air in real time. The results of the gas metering are summarized below.

4.4 Fixed Atmospheric Gas Results

Sample Location	Analyte					
	Carbon Monoxide	Carbon Dioxide	Nitrogen Monoxide	Nitrogen Dioxide	Hydrogen Sulfide	Oxygen
	Concentration (PPM)					Concentration (%)
Outside room 9	0	400	0.0	0.0	0.0	20.9
Inside Library	0	400	0.0	0.0	0.0	20.9
Outside 2nd Floor Custodian Closet	0	600	0.0	0.0	0.0	20.9
Outside room 3	0	300	0.0	0.0	0.0	20.9
1st Floor Hallway	0	200	0.0	0.0	0.0	20.9
NIOSH Recommended Exposure Limits	200* (5 min)	30,000* (10 min)	25~	1*	10* (10 min)	>19.5; <22
ACGIH Threshold Limit Values	200* (5 min)	30,000* (10 min)	25~	0.2~	15*(15 min)	>19.5; <22

***Denotes a Short Term exposure limit ~Denotes Time Weighted Average or Ceiling Limit**

Concentrations of the various fixed atmospheric gases did not exceed the recommended values.

Six (6) Bioaerosol samples were collected from different locations throughout the school building. One (1) sample was collected from outside the structure, for comparison purposes, hereafter referred to as the Background or Outdoor sample. The samples were obtained using high volume pumps calibrated at 15 liters/minute and Air-O-Cell cassettes. The cassettes collected mold spores and particulates for a period of 10 minutes. The cassettes, with the proper chain of custody, were submitted to *Biogenesis Analytical, Inc.,* of Chicago, Illinois, for Total Fungal Count Analysis. The laboratory is accredited for this analytical method by the *American Industrial Hygiene Association* (AIHA).

4.5 Bioaerosol Results

Sample ID	Location	Total Mold Concentration (count/m^3)	Above/Below Background Concentration
AOC-1	First Floor West	648*	Below Background
AOC-2	Second Floor West	343*	Below Background
AOC-3	First Floor Center	876*	Above Background
AOC-4	Second Floor Center	305*	Below Background
AOC-5	First Floor East	495*	Below Background
AOC-6	Second Floor East	419	Below Background
BG-1	Background, Outside	705	Not applicable

***Denotes the presence of *Stachybotrys/ Memnoniella sp*., a water-damage indicator.**

The analytical results of the air sample analysis, as summarized in Table 4.5, indicated that the concentration of the total mold spores detected within the air sampled from the central hallway area on the second floor exceeded the Background (outdoor) total mold spore concentration. Furthermore, in five of the areas sampled, *Stachybotrys/Memnoniella sp*., a species associated with adverse indoor air quality were detected.

Six (6) passive radon air samples were collected from various locations within the school structure using laboratory provided dual charcoal canister kit. When possible, EGSL attempted to locate the lowest elevation within the building to place sampling kits. Samples were collected over a period of two days. The canisters, with a proper chain of custody record, were submitted to *EMSL Analytical Inc.* in Cinnaminson, New Jersey, for Radon Activity in Air Analysis via Liquid Scintillation Counting. *EMSL* is accredited by the *National Radon Safety Board* and the *National Radon Proficiency Program* to perform this analysis.

4.6 Radon Results

Sample ID	Location	Radon Activity (pCi/L)	Above/Below EPA Recommended Activity (4.0 pCi/L)
1 - 284373	First Floor Desktop	0.4	Below
2 - 284372	First Floor Desktop	0.3	Below
Average of 1 & 2	First Floor Desktop	0.4	Below
3 - 284397	First Floor, Desktop	0.4	Below
4 - 284422	First Floor, Desktop	0.3	Below
Average of 3 & 4	First Floor, Desktop	0.4	Below
5 - 270055	First Floor, Desktop	0.6	Below
6 - 270208	First Floor, Desktop	0.4	Below
Average of 5 & 6	First Floor, Desktop	0.5	Below

The results of the Radon Activity Analysis indicated that the average reading of samples collected from the basement and first floor of the school did not exceed the EPA recommended threshold of 4.0 pCi/L of radon activity in air.

5. RECCOMENDATIONS

Based on the visual inspection of Milne Grove School and the analytical results of the air samples and the direct readings collected therein on February 20, 2019, EGSL recommends the following action:

- More rigorous housekeeping protocols should be implemented throughout the school to prevent the accumulation of settled dust and the dispersal of mold spores, including:
    - HEPA vacuuming all surfaces throughout the school
    - Wiping non-porous surfaces clean with moldicide solution
    - Replacing air filters in the HVAC systems with new HEPA style filters, in accordance with the manufacturer's instructions.

6. LIMITATIONS

Environmental Group Services, Limited (EGSL) has prepared this report for the exclusive use of *Lockport School District 91* as it pertains to the indoor air quality at *Milne Grove School* located at 565 E. 7th Street, Lockport, IL. This assessment presents EGSL's professional interpretation and judgment of the existing site conditions based on information gathered. Professional judgments expressed on facts currently available within the limits of the mutually agreed scope of work, budget and schedule. It is not intended to be exhaustive in scope. EGSL's work was performed in accordance with generally accepted engineering standards. However, the cost information presented herein cannot be construed as engineering estimates. It is EGSL's specific intent that the costs, conclusions and recommendations presented here be used as guidance and not necessarily as a firm course of action unless explicitly stated as such. WE MAKE NO WARRANTIES, EXPRESSED OR IMPLIED INCLUDING WITHOUT LIMITATION, WARRANTIES AS TO MARKETABILITY OR FITNESS FOR A PARTICULAR PURPOSE. In addition, the information provided in this report is not to be construed as legal advice.

The analytical results of the tests performed reflect the condition of the aforementioned location **at the time of sampling only**. While there is no practical way to eliminate all mold and mold spores in the indoor environment, mold counts can be kept within acceptable levels. However, a number of events can cause mold spores to reappear in elevated levels. The way to control indoor mold growth is to control moisture. Humidity levels must be kept within normal ranges (30-60%). Indoor humidity can be reduced by venting bathrooms, dryers, and other moisture-generating sources to the outside; using air conditioners and de-humidifiers; increasing ventilation; and using exhaust fans whenever cooking, dishwashing, and cleaning. If a water intrusion event occurs, any wet or damp building materials/furnishings should be cleaned and dried within 24-48 hours to prevent mold growth.

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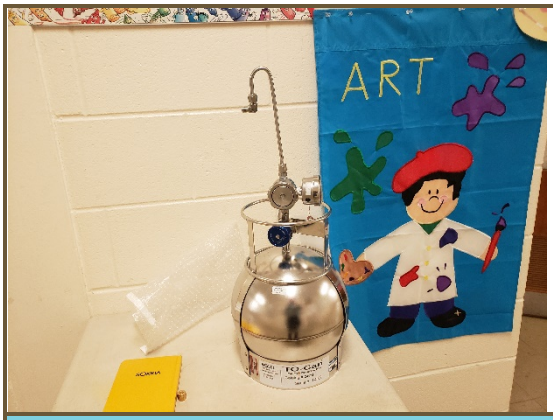
Respectfully submitted by ***Environmental Group Services Limited***,

Michelle Budniak
Project Manager

Shadow Mirkhaef
President

APPENDIX A – Photographic Documentation

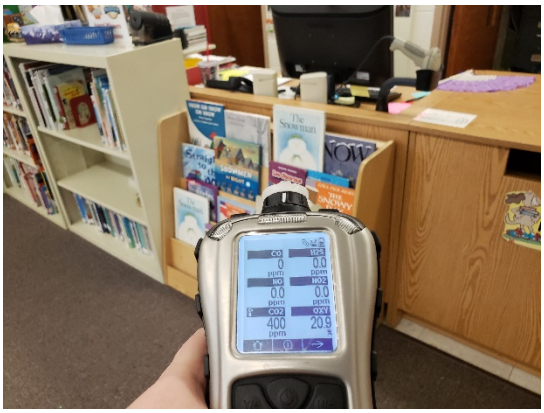


VOC sampling first floor

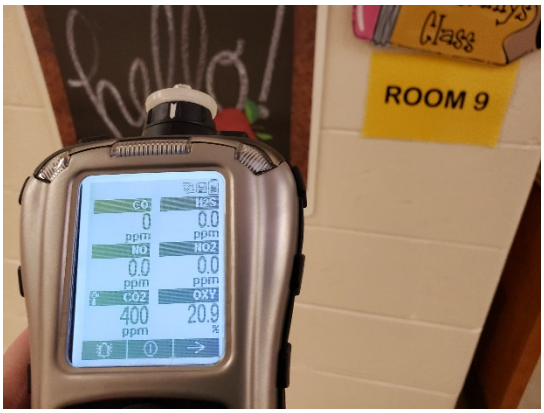
VOC sampling south hallway

VOC sampling and formaldehyde sampling first floor west

Settled dust sampling 2nd floor east



Gas reading in library



Gas reading outside room 9

	
Gas reading outside room 20	**Gas reading outside custodial closet, 2nd floor**

APPENDIX B – Analytical Results

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

February 28, 2019

Environmental Group Services, Ltd.
557 W. Polk
Chicago, IL 60610
Telephone: (312) 447-1200
Fax: (312) 447-0922

Analytical Report for STAT Work Order: 19020583 Revision 0

RE: 1901123-1901124, Kelvin-Milne

Dear Environmental Group Services, Ltd.:

STAT Analysis received 12 samples for the referenced project on 2/21/2019 11:09:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Justice Kwateng
Project Manager

Client: Environmental Group Services, Ltd.
Project: 1901123-1901124, Kelvin-Milne
Work Order: 19020583 Revision 0

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
19020583-001A	K-1	15 L	2/20/2019 3:45:00 PM	2/21/2019
19020583-002A	K-2	15 L	2/20/2019 3:45:00 PM	2/21/2019
19020583-003A	K-3	15 L	2/20/2019 3:45:00 PM	2/21/2019
19020583-004A	K-4	15 L	2/20/2019 3:45:00 PM	2/21/2019
19020583-005A	K-5	15 L	2/20/2019 3:45:00 PM	2/21/2019
19020583-006A	K-6	15 L	2/20/2019 3:45:00 PM	2/21/2019
19020583-007A	M-1	15 L	2/20/2019 12:15:00 PM	2/21/2019
19020583-008A	M-2	15 L	2/20/2019 12:15:00 PM	2/21/2019
19020583-009A	M-3	15 L	2/20/2019 12:15:00 PM	2/21/2019
19020583-010A	M-4	15 L	2/20/2019 12:15:00 PM	2/21/2019
19020583-011A	M-5	15 L	2/20/2019 12:15:00 PM	2/21/2019
19020583-012A	M-6	15 L	2/20/2019 12:15:00 PM	2/21/2019

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Project: 1901123-1901124, Kelvin-Milne **Work Order:** 19020583 Revision 0

Lab ID: 19020583-001 **Collection Date:** 2/20/2019 3:45:00 PM
Client Sample ID K-1 **Matrix:** Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Particulates in Air	**NIOSH0500**			Prep Date: **2/21/2019**		Analyst: **RW**
Particulates in Air	ND	13	*	mg/m³	1	2/22/2019

Lab ID: 19020583-002 **Collection Date:** 2/20/2019 3:45:00 PM
Client Sample ID K-2 **Matrix:** Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Particulates in Air	**NIOSH0500**			Prep Date: **2/21/2019**		Analyst: **RW**
Particulates in Air	20	13	*	mg/m³	1	2/22/2019

Lab ID: 19020583-003 **Collection Date:** 2/20/2019 3:45:00 PM
Client Sample ID K-3 **Matrix:** Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Particulates in Air	**NIOSH0500**			Prep Date: **2/21/2019**		Analyst: **RW**
Particulates in Air	ND	13	*	mg/m³	1	2/22/2019

Lab ID: 19020583-004 **Collection Date:** 2/20/2019 3:45:00 PM
Client Sample ID K-4 **Matrix:** Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Particulates in Air	**NIOSH0500**			Prep Date: **2/21/2019**		Analyst: **RW**
Particulates in Air	20	13	*	mg/m³	1	2/22/2019

Lab ID: 19020583-005 **Collection Date:** 2/20/2019 3:45:00 PM
Client Sample ID K-5 **Matrix:** Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Particulates in Air	**NIOSH0500**			Prep Date: **2/21/2019**		Analyst: **RW**
Particulates in Air	ND	13	*	mg/m³	1	2/22/2019

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Project: 1901123-1901124, Kelvin-Milne **Work Order:** 19020583 Revision 0

Lab ID: 19020583-006 **Collection Date:** 2/20/2019 3:45:00 PM
Client Sample ID K-6 **Matrix:** Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Particulates in Air	**NIOSH0500**			Prep Date: **2/21/2019**		Analyst: **RW**
Particulates in Air	ND	13	*	mg/m³	1	2/22/2019

Lab ID: 19020583-007 **Collection Date:** 2/20/2019 12:15:00 PM
Client Sample ID M-1 **Matrix:** Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Particulates in Air	**NIOSH0500**			Prep Date: **2/21/2019**		Analyst: **RW**
Particulates in Air	ND	13	*	mg/m³	1	2/22/2019

Lab ID: 19020583-008 **Collection Date:** 2/20/2019 12:15:00 PM
Client Sample ID M-2 **Matrix:** Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Particulates in Air	**NIOSH0500**			Prep Date: **2/21/2019**		Analyst: **RW**
Particulates in Air	ND	13	*	mg/m³	1	2/22/2019

Lab ID: 19020583-009 **Collection Date:** 2/20/2019 12:15:00 PM
Client Sample ID M-3 **Matrix:** Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Particulates in Air	**NIOSH0500**			Prep Date: **2/21/2019**		Analyst: **RW**
Particulates in Air	ND	13	*	mg/m³	1	2/22/2019

Lab ID: 19020583-010 **Collection Date:** 2/20/2019 12:15:00 PM
Client Sample ID M-4 **Matrix:** Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Particulates in Air	**NIOSH0500**			Prep Date: **2/21/2019**		Analyst: **RW**
Particulates in Air	13	13	*	mg/m³	1	2/22/2019

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Project: 1901123-1901124, Kelvin-Milne **Work Order:** 19020583 Revision 0

Lab ID: 19020583-011 **Collection Date:** 2/20/2019 12:15:00 PM
Client Sample ID M-5 **Matrix:** Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Particulates in Air	**NIOSH0500**			Prep Date: **2/21/2019**		Analyst: **RW**
Particulates in Air	ND	13	*	mg/m³	1	2/22/2019

Lab ID: 19020583-012 **Collection Date:** 2/20/2019 12:15:00 PM
Client Sample ID M-6 **Matrix:** Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Particulates in Air	**NIOSH0500**			Prep Date: **2/21/2019**		Analyst: **RW**
Particulates in Air	ND	13	*	mg/m³	1	2/22/2019

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation

2242 W. Harrison Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386
e-mail address: STATinfo@STATAnalysis.com

CHAIN OF CUSTODY RECORD **Nº: 918831** Page : 1 of 1

Company: EGSL
Project Number: 1901123-1901124 Client Tracking No.:
Project Name: Kelvin - Milne
Project Location:
Sampler(s):
Report To: Michelle Budniak Phone:
CC: Maddi@egsl.com Fax:
QC Level: 1 X 2 3 4 e-mail:

Quote No.:
P.O. No.:
Turn Around Time (Days): 1 2 3 4 5-7 10
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	NIOSH 0500	Additional Information:	Lab No.:
K-1	2/20/19	15:45	Cassette				1	X	15 L	001
K-2	↓	↓	↓				↓	↓	↓	002
K-3	↓	↓	↓				↓	↓	↓	003
K-4	↓	↓	↓				↓	↓	↓	004
K-5	↓	↓	↓				↓	↓	↓	005
K-6	↓	↓	↓				↓	↓	↓	006
M-1	2/20/19	12:15	Cassette				1		15 L	007
M-2	↓	↓	↓				↓		↓	008
M-3	↓	↓	↓				↓		↓	009
M-4	↓	↓	↓				↓		↓	010
M-5	↓	↓	↓				↓		↓	011
M-6	↓	↓	↓				↓	↓	↓	012

Relinquished by: (Signature) Date/Time: 2/21/19 10:00
Received by: (Signature) Date/Time: 2/21/19 1047
Relinquished by: (Signature) Date/Time: 2/21/19 11:09
Received by: (Signature) Date/Time: 2/21/19 11:09
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:

Comments:

Preservation Code: A = None B = HNO_3 C = NaOH D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 19020583

Received on Ice: Yes ☐ No ☑
Temperature: Ambient °C

STAT Analysis Corporation

Sample Receipt Checklist

Client Name EGSL | Date and Time Received: 2/21/2019 11:09:00 AM

Work Order Number 19020583 | Received by: CHB

Checklist completed by: _____ 2/21/19 (Signature / Date) | Reviewed by: JA 2/25/19 (Initials / Date)

Matrix: | Carrier name STAT Analysis

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels/containers?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature Ambient °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☐	No ☐
Water - Samples pH checked?	Yes ☐	No ☐	Checked by: _____
Water - Samples properly preserved?	Yes ☐	No ☐	pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Client / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 /
http://www.EMSL.com / IndustrialHygienelab@emsl.com

EMSL Order ID:	281900789
Customer ID:	ENGS50
Customer PO:	
Project ID:	

Attn: Michelle Budniak
Environmental Group Services Ltd.
557 W. Polk St., Suite 201
Chicago, IL 60607

Phone:	(312) 447-1200
Fax:	(312) 44-0922
Collected:	2/20/2019 12:00:00AM
Received:	2/22/2019
Analyzed:	2/26/2019

Proj: Lockport

Test Report:Formaldehyde Analysis by HPLC of Solid Sorbent Tubes via NIOSH 2016, Issue 2, 3/15/03 modified

Sample ID	Identification	Volume	Sample Weight	Sample Concentration		Reporting Limit
M-1 281900789-0001		15 L	<0.050 µg	<0.0033 mg/m³	<0.0027 ppm	0.0033 mg/m³
M-2 281900789-0002		15 L	<0.050 µg	<0.0033 mg/m³	<0.0027 ppm	0.0033 mg/m³
M-3 281900789-0003		15 L	<0.050 µg	<0.0033 mg/m³	<0.0027 ppm	0.0033 mg/m³
M-4 281900789-0004		15 L	<0.050 µg	<0.0033 mg/m³	<0.0027 ppm	0.0033 mg/m³
K-1 281900789-0005		15 L	<0.050 µg	<0.0033 mg/m³	<0.0027 ppm	0.0033 mg/m³
K-2 281900789-0006		15 L	<0.050 µg	<0.0033 mg/m³	<0.0027 ppm	0.0033 mg/m³
K-3 281900789-0007		15 L	<0.050 µg	<0.0033 mg/m³	<0.0027 ppm	0.0033 mg/m³
K-4 281900789-0008		15 L	<0.050 µg	<0.0033 mg/m³	<0.0027 ppm	0.0033 mg/m³
F.B. 281900789-0009	Field Blank	N/A	<0.050 µg			
Media Blank		N/A	<0.050 µg	<0.050 µg	N/A	N/A

N/A = Not Applicable

Analyst(s)

Thomas Cancglin

Scott Van Etten, CIH, Laboratory Manager

Any questions please contact Scott VanEtten.

Initial report from: 02/28/2019 14:38:49

1. Samples were received in acceptable condition unless otherwise noted.
2. These results relate only to the samples tested.
3. Sample results are blank corrected. Reporting Limits for samples without volumes, such as Field Blanks, are 0.050 ug.
4. A discernable Field Blank was submitted if listed above as a discrete sample.

Samples analyzed by EMSL Analytical - Industrial Hygiene Cinnaminson, NJ AIHA-LAP, LLC--IHLAP Accred. Lab 100194

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Industrial Hygiene Chain of Custody

EMSL Order Number (Lab Use Only): -281900789

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 858-3502

Report To Contact Name: Michelle Budniak		Bill To Company: EGSL	Client ID #: ENGS50
Company Name: EGSL		Attention To: Sarah Raila	
Street: 557 W. Polk St. Suite 201		Street: 557 W. Polk St., Suite 201	
City: Chicago	State/Province: IL	City: Chicago	State/Province: IL
Zip/Postal Code: 60607		Zip/Postal Code: 60607	
Phone: 312-550-2904 Fax:		Phone: 312-447-1200	Fax:
Project Name: Lockport		Email Results To: Michelle@egsl.com	U.S. State where Samples Collected:
# Samples in Shipment: 9	Date of Shipment: 2/21/19	Purchase Order:	Sampled By (Signature):

Turnaround Time (TAT) – Please Check: If No Selection Made, Standard 2 Week TAT Will Apply

☐ 2 Week ☒ 1 Week ☐ 4 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day ☐ Other (Call Lab)

Media Type: Solid Sorbent Tube DNPH-Treated

Manufacturer/Part #: Sky 226-119 Lot #: 11729 78B37-2

Client Sample ID	Location/Description	Analyte / Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Volume / Area	Sample Type	Sample Date	Comments
M-1		NIOSH 2016	DNPH-Treated Silica Tube	0.5	11:15	11:45	15 L	☒ Area ☐ Personal	2/20/19	
M-2		↓	↓	↓	↓	↓	↓	☒ Area ☐ Personal	↓	
M-3		↓	↓	↓	↓	↓	↓	☒ Area ☐ Personal	↓	
M-4		↓	↓	↓	↓	↓	↓	☒ Area ☐ Personal	↓	
K-1		↓	↓	↓	16:00	16:30	↓	☒ Area ☐ Personal	↓	
K-2		↓	↓	↓	↓	↓	↓	☒ Area ☐ Personal	↓	
K-3		↓	↓	↓	↓	↓	↓	☒ Area ☐ Personal	↓	
K-4		↓	↓	↓	↓	↓	↓	☒ Area ☐ Personal	↓	

RECEIVED EMSL CINNAMINSON, N.J. 2019 FEB 22 A 10:34

Note: Most NIOSH and OSHA methods require field blanks. It is the IH field sampler's responsibility to submit the proper number of field blanks and duplicates.

Released By	Date	Received By	Date
	2/21/19	Bub ups 1035	2/22/19

Comments: UPS: 1Z F37 W83 01 9980 0387

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Industrial Hygiene Chain of Custody

EMSL Order Number (Lab Use Only):

-281900789

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 858-3502

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Client Sample ID	Location/Description	Analyte / Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Volume / Area	Sample Type	Sample Date	Comments
F.B.	Field Blank	NIOSH 2016	DNPH-Treated Silica Tube	—	—	—	—	☐ Area ☐ Personal	2/20/19	Field Blank
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		

RECEIVED
EMSL
CINNAMINSON, N.J.
2019 FEB 22 A 10:34

Comments:

OrderID: 281900789

BIOGENESIS ANALYTICAL

813 South Jefferson
Chicago, Illinois 60607
Phone 312.922.1049

Attention: Michelle Budniak
Company: Environmental Group Services
Address 1: 557 West Polk Street
Address 2: Suite 201
City, State, Zip Chicago, IL 60607

BAL Order: 19-00224
Client ID: EGSL
Collected: 2/20/2019
Received: 2/22/2019
Analyzed: 2/25/2019

Project Name: ***1901124 Lockport School District, Milne Grove, 565 E. 7th St., Lockport***

Test Report: Air-O Cell ™ Analysis of Fungal Spores & Particulates by Optical Microscopy EM001

Client Sample ID	1			2			3		
Client Sample Location	Lower Level West			Upper Level West			Lower Level Middle		
Sample Description	Inside			Inside			Inside		
Lab ID	19-00224-1			19-00224-2			19-00224-3		
Volume (liters)	150			150			150		
Spore Types	**Total Count**	**Count/m³**	**% of Total**	**Total Count**	**Count/m³**	**% of Total**	**Total Count**	**Count/m³**	**% of Total**
Alternaria									
Ascospores				1	19	5.6%			
Aspergillus/Penicillium Like	19	362	55.9%	13	248	72.2%	33	629	71.7%
Basidiospores									
Bipolaris/Drechslera									
Chaetomium	1	19	2.9%						
Cladosporium	7	133	20.6%	2	38	11.1%	10	190	21.7%
Curvularia									
Epicoccum									
Fusarium									
Myxomycete/Smut							1	19	2.2%
Nigrospora	3	57	8.8%	1	19	5.6%	1	19	2.2%
Non-Specified Spore									
Pithomyces									
Rust									
Stachybotrys/Memnoniella	2	38	5.9%	1	19	5.6%	1	19	2.2%
Torula	2	38	5.9%						
Ulocladium									
Total Fungi	34	648	100.0%	18	343	100.0%	46	876	100.0%
Hyphal Fragments							1	19	2.2%
Insect Fragments									
Pollen									
Detection Limit Spores/m³	19			19			19		
Skin Fragments	2			2			3		
Fiber Particulate	2			1			1		
Background Debris Level	4			3			2		

May indicate water damage

NOTES:

No discernible field blank was submitted with this group of samples. Biogenesis Analytical maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by Biogenesis Analytical. Biogenesis Analytical bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. A result of None Found or "__" indicates the presence of less than the Detection Limit. The measurement uncertainty available upon request.

Nancy McDonald

Nancy McDonald, Laboratory Manager

BIOGENESIS ANALYTICAL

813 South Jefferson
Chicago, Illinois 60607
Phone 312.922.1049

Attention: Michelle Budniak
Company: Environmental Group Services
Address 1: 557 West Polk Street
Address 2: Suite 201
City, State, Zip Chicago, IL 60607

BAL Order: 19-00224
Client ID: EGSL
Collected: 2/20/2019
Received: 2/22/2019
Analyzed: 2/25/2019

Project Name: ***1901124 Lockport School District, Milne Grove, 565 E. 7th St., Lockport***

Test Report: Air-O Cell ™ Analysis of Fungal Spores & Particulates by Optical Microscopy EM001

Client Sample ID	4			5			6		
Client Sample Location	Upper Level Middle			Lower Level East			Upper Level East		
Sample Description	Inside			Inside			Inside		
Lab ID	19-00224-4			19-00224-5			19-00224-6		
Volume (liters)	150			150			150		
Spore Types	**Total Count**	**Count/m³**	**% of Total**	**Total Count**	**Count/m³**	**% of Total**	**Total Count**	**Count/m³**	**% of Total**
Alternaria									
Ascospores									
Aspergillus/Penicillium Like	9	171	56.3%	20	381	76.9%	17	324	77.3%
Basidiospores									
Bipolaris/Drechslera									
Chaetomium									
Cladosporium	6	114	37.5%	5	95	19.2%	4	76	18.2%
Curvularia									
Epicoccum									
Fusarium									
Myxomycete/Smut									
Nigrospora							1	19	4.5%
Non-Specified Spore									
Pithomyces									
Rust									
Stachybotrys/Memnoniella	1	19	6.3%	1	19	3.8%			
Torula									
Ulocladium									
Total Fungi	16	305	100.0%	26	495	100.0%	22	419	100.0%
Hyphal Fragments				1	19	3.8%	1	19	4.5%
Insect Fragments									
Pollen									
Detection Limit Spores/m³	19			19			19		
Skin Fragments	3			2			3		
Fiber Particulate	1			2			2		
Background Debris Level	2			3			3		

May indicate water damage

NOTES:

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Nancy McDonald

Nancy McDonald, Laboratory Manager

BIOGENESIS ANALYTICAL
813 South Jefferson
Chicago, Illinois 60607
Phone 312.922.1049

Attention: Michelle Budniak
Company: Environmental Group Services
Address 1: 557 West Polk Street
Address 2: Suite 201
City, State, Zip Chicago, IL 60607

BAL Order: 19-00224
Client ID: EGSL
Collected: 2/20/2019
Received: 2/22/2019
Analyzed: 2/25/2019

Project Name: ***1901124 Lockport School District, Milne Grove, 565 E. 7th St., Lockport***

Test Report: Air-O Cell ™ Analysis of Fungal Spores & Particulates by Optical Microscopy EM001

Client Sample ID	B								
Client Sample Location	Background Outside								
Sample Description	Background								
Lab ID	19-00224-7								
Volume (liters)	150			150			150		
Spore Types	**Total Count**	**Count/m³**	**% of Total**	**Total Count**	**Count/m³**	**% of Total**	**Total Count**	**Count/m³**	**% of Total**
Alternaria									
Ascospores									
Aspergillus/Penicillium Like	16	305	43.2%						
Basidiospores									
Bipolaris/Drechslera									
Chaetomium									
Cladosporium	21	400	56.8%						
Curvularia									
Epicoccum									
Fusarium									
Myxomycete/Smut									
Nigrospora									
Non-Specified Spore									
Pithomyces									
Rust									
Stachybotrys/Memnoniella									
Torula									
Ulocladium									
Total Fungi	37	705	100.0%	0			0		
Hyphal Fragments	1	19	2.7%						
Insect Fragments									
Pollen									
Detection Limit Spores/m³	19			19			19		
Skin Fragments	1								
Fiber Particulate	1								
Background Debris Level	1								

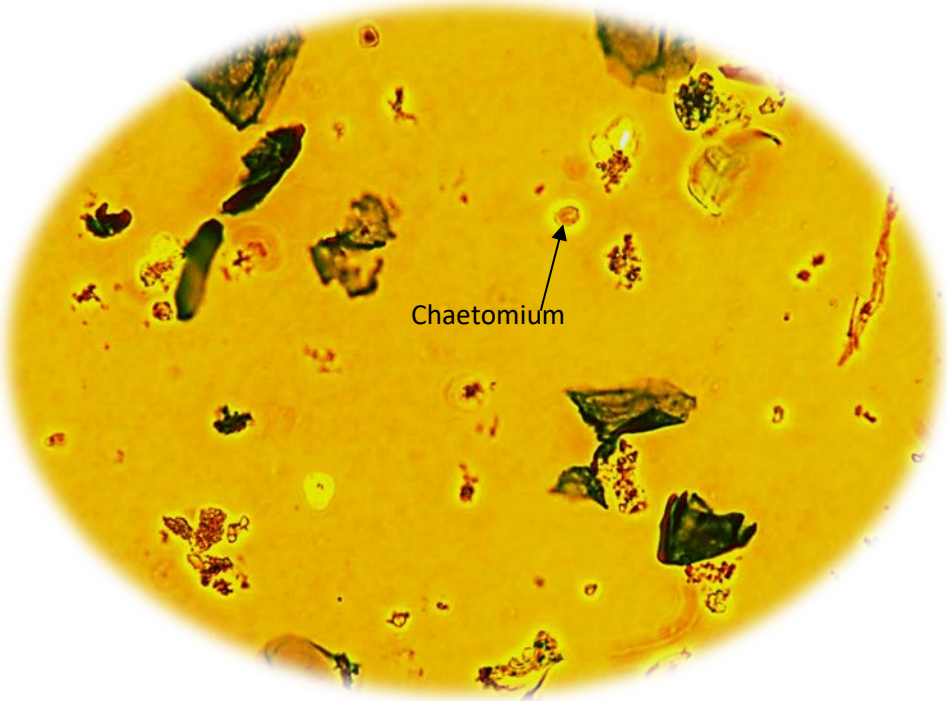
May indicate water damage

NOTES:

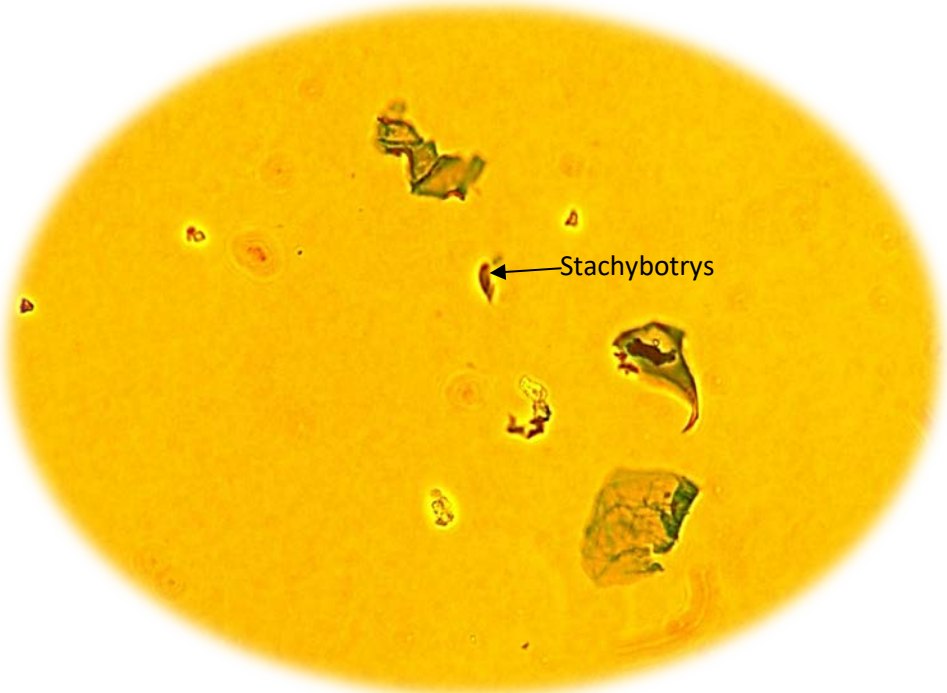
No discernible field blank was submitted with this group of samples. Biogenesis Analytical maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by Biogenesis Analytical. Biogenesis Analytical bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. A result of None Found or "__" indicates the presence of less than the Detection Limit. The measurement uncertainty available upon request.

Nancy McDonald, Laboratory Manager

EGSL Project: 1901124
Lockport School District, Milne Gove, 565 E, 7th St., Lockport
2/25/2019



Lower Level West – Air Sample



Lower Level Middle – Air Sample

19-00224

BIOGENESIS ANALYTICAL

CHAIN OF CUSTODY
INDOOR AIR QUALITY LAB SERVICES

Please print all information legibly.

Company:	**EGSL**	*Bill To:*	**EGSL**
Address 1:	557 West Polk St.	*Address 1:*	557 West Polk St.
Address 2:	Suite 201	*Address 2:*	Suite 201
City, State:	Chicago, IL	*City, State:*	Chicago, IL
Zip Code:	60607	*Zip Code:*	60607
Country:	USA	*Country:*	USA
Contact Name:	Michelle Budniak	*Attention:*	Michelle
Contact Phone:	312-447-1200	*Contact Phone:*	(same)
Fax Number:	312-447-0922	*Fax Number:*	(same)
Email:	Michelle@egsl.com; maddi@egsl.com	*Email:*	michelle@egsl.com; maddi@egsl.com
Project Client:	Lockport School District	*Project Name:*	Milne Grove
Project Address:	565 E. 7th St., Lockport	*Project Number:*	1901124
Sampled By:	Michelle Budniak	*Sampling Date:*	2/20/19

Test Type: ☑ AOC ☐ Bulk/Tape Lift ☐ Sewage Screen

Turnaround Time: ☐ 3-Hour ☐ 6-Hour ☒ 24-Hour ☐ 48-Hour ☐ 72-Hour

SAMPLE ID	LOCATION	Liters Per Minute	Minutes Sampled	COMMENTS
1	Lower Level West	15	10	
2	Upper Level West	↓	↓	
3	Lower Level Middle			
4	Upper Level Middle			
5	Lower Level East			
6	Upper Level East			
B	Background Outside			

Released By	Date	Received By
	2/22/19	2-22-19 13:41

COMMENTS

BIOGENESIS ANALYTICAL

FUNGAL GLOSSARY

NAME	NATURAL HABITAT/DISTRIBUTION	RELATED ILLNESS	RELATED TOXINS
Acremonium	Filamentous fungi most are saprophytic being isolated from dead plant material and soil. May also be found in damp carpet and gypsum board.	Several species are recognized as opportunistic pathogens of man and animals, causing mycetoma, mycotic keratitis and onychomycosis.	
Alternaria	Dematiaceous fungus commonly isolated from plants, soil, food, and indoor air environments.	Plant pathogens; common allergens in humans	
Ascospores	Frequently found indoors on damp substrates Once in the air, the spores serve as dispersal units as they are carried by the wind. This Class consists of several different species.		Ergot Alkaloids
Aspergillus	Commonly isolated from soil, plant debris, and indoor air environments.	Some Aspergillus species cause disease in humans and animals.	Ochratoxins aflatoxin
Arthrospore	Arthrospores are fragments of the hyphae, breaking off at the septae. Asexual spores (conidia) form on conidiophores.	The arthroconidia (arthrospores) produced by the hyphae are the infectious units of the organism.	
Aureobasidium	Has worldwide distribution.	Usually isolated as a saprophyte, occasionally from skin and nails.	
Basidiospores	Composed of a very diverse community of spores. Capable of causing “dry rot” which can destroy the wood structure of buildings.	Opportunistic infections are caused only on rare occasions.	
Beauveria	*Beauveria* ubiquitous in plant debris and soil. Also isolated from foodstuff, infected insects, and indoor air environment.	It may be associated with keratitis.	
Bipolaris	Bipolaris is a large genus of dematiaceous hyphomycetes with more than 100 species, most of them being saprobes in soil and pathogens of plants.	Some of the saprobic species are potentially able to infect humans and animals; three well-known pathogenic species.	
Botrytis	A filamentous fungus isolated from decaying plant; it is more commonly reported from tropical and temperate areas.		
Chaetomium	Strongly cellulolytic molds commonly found in soil, on paper, straw, cloth, cotton and other cellulose-containing substrates. Thermophilic and neurotropic in nature.	Encountered as causative agents of infections in humans.	mycotoxins
Cladosporium	Dematiaceous mold widely distributed in air and rotten organic material and frequently isolated as a food contaminant.		
Curvularia	Dematiaceous, filamentous fungus; facultative pathogens of soil, plants, and cereals.	Can be a contaminant and cause infections in humans and animals.	
Epicoccum	Dematiaceous, mitosporic mold widely distributed and commonly isolated from air, soil, and foods. Also, found in some animals dander and textiles.	Causative agent of leaf spots of various plants.	
Fusarium	Filamentous fungus widely found on plants and within soils of crops such as rice, bean, soybean and others.	Common contaminant and well-known plant pathogen, it can cause various infections in humans.	Fumonisins Trichothecenes Zearalenone
Mucor	Filamentous fungus found in soil, plants, decaying fruits and vegetables. Mucor is ubiquitous in nature.		
Myxomycetes/ Smut/Periconia	Found on decaying plants and soils.		

FUNGAL GLOSSARY

NAME	NATURAL HABITAT/DISTRIBUTION	RELATED ILLNESS	RELATED TOXINS
Nigrospora	Filamentous, dematiaceous fungus widely distributed in soil, decaying plants, and seeds.		
Paecilomyces	A common environmental mold that is widespread in composts, soils and food products, indoor air, wood, and carpet dust.	Corneal ulcer, keratitis, and endophthalmitis may develop following extended wear contact lens use or ocular surgery.	
Penicillium	A filamentous fungi that is widespread and found in soil, decaying vegetation, and air. Genus contains several species.		Patulin
Pithomyces	Found to be growing on paper or decaying plants.		
Polythrincium	This fungus is often associated with leaves and other plant material.		
Rust	Must have living plant material available for them to grow. Not found indoors unless host plants are present.		
Scytalidium	This genus of anamorphic fungi has a widespread distribution and contains 18 species.	An occasional agent of nail or skin infections.	
Stachybotrys/Memnoniella	An antigenic green-black mold that grows on wood, paper and cotton products provided there is constant moisture. Filamentous fungus occasionally isolated as a contaminant from nature and indoor environments.	In infants, Stachybotrys has been associated with pulmonary hemorrhage, which can cause bleeding in the lungs Associated with “sick building syndrome” at times	trichothecene mycotoxins satratoxins
Torula	Often found growing in soil, dead herbaceous stems, wood, grasses, sugar beet root, groundnuts and oats. Grows well on general cellulose surfaces but spores may take special nutrients to develop or may be completely absent.	Type I allergies (hay fever, asthma).	
Trichophyton	Trichophyton is a dermatophyte fungus that is primarily isolated from the soil, humans, or animals. Certain Trichophyton species are cosmopolitan while others have a limited geographic distribution.	A genus of fungi, which includes the parasitic varieties that cause tinea, including athlete's foot, ringworm, jock itch, and similar infections of the nail, beard, skin and scalp.	
Trichoderma	A genus of fungi that is present in all soils; commonly found on gypsum board and water saturated wood, wallpaper, carpet and mattress dust, paint, and air-conditioning filters.	Human infection by species of Trichoderma is limited to individuals with severely weakened immune systems.	trichothecene mycotoxins
Ulocladium	Dematiaceous filamentous fungus that inhabits the soil and decaying plants, paper, textiles, and wood. Commonly considered an indication of water intrusion.	May very rarely cause human disease.	
Verticillium	Widely distributed filamentous fungus that inhabits decaying vegetation and soil.	May very rarely cause human disease.	

References:

Barnett, H.L, Hunter, B.B. Illustrated Genera of Imperfect Fungi. 4th Ed. APS Press, St. Paul, Minnesota. 1998.

Larone, D. L. Medically Important Fungi, A Guide to Identification. 4th Ed. ASM Press. Washington, D.C. 2002

Murray, P.R., Baron, J.B, Pfaller, F.C., Yolken, R. H. Manual of Clinical Microbiology. 6th Ed. ASM Press. Washington, D.C. 1995.

Wang, C.J., Abel, R.A. Identification Manual for Fungi from utility Poles in the Eastern United States. Allen Press, Inc, Lawrence, Kansas. 1990.

JOURNAL OF CLINICAL MICROBIOLOGY, 0095-1137/97/04.0010 Feb. 1997, p. 433-440

~END OF REPORT~

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-0327
http://www.EMSL.com cinnaminsonradonlab@emsl.com

EMSL Order:	381902198
CustomerID:	ENGS50
CustomerPO:	
ProjectID:	

Attn: **Maddi Burrell**
Environmental Group Services Ltd.
557 West Polk Street
Suite 201
Chicago, IL 60607

Phone:	(312) 447-1200
Fax:	(312) 447-0922
Received:	03/01/19 1:16 PM
Analysis Date:	3/2/2019
Collected:	2/20/2019

Project: **Milne Grove / 565 E. 7th Street**

Test Site: **Milne Grove**
565 E. 7th Street
Lockport, IL 60441

Test Report: Radon in Air Test Results

Samples for EMSL Kit 165905

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
284373	First Floor - Top Of Desk	0.4	2/20/2019 11:00:00 AM	2/22/2019 11:00:00 AM	73	62	Customer
381902198-0001							
Sample Notes:							
284372	First Floor - Top Of Desk	0.3	2/20/2019 11:00:00 AM	2/22/2019 11:00:00 AM	73	62	Customer
381902198-0002							
Sample Notes:							
Summary for EMSL Kit 165905		**Average Radon Result:**	**0.4 pCi/L**				

Samples for EMSL Kit 165903

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
284397	First Floor - On Top Of Desk	0.4	2/20/2019 11:00:00 AM	2/22/2019 11:00:00 AM	73	62	Customer
381902198-0003							
Sample Notes:							
284422	First Floor - On Top Of Desk	0.3	2/20/2019 11:00:00 AM	2/22/2019 11:00:00 AM	73	62	Customer
381902198-0004							
Sample Notes:							
Summary for EMSL Kit 165903		**Average Radon Result:**	**0.4 pCi/L**				

Samples for EMSL Kit 158767

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
270055	First Floor - On Top Of Desk	0.6	2/20/2019 11:00:00 AM	2/22/2019 11:00:00 AM	73	62	Customer
381902198-0005							
Sample Notes:							
270208	First Floor - On Top Of Desk	0.4	2/20/2019 11:00:00 AM	2/22/2019 11:00:00 AM	73	62	Customer
381902198-0006							
Sample Notes:							
Summary for EMSL Kit 158767		**Average Radon Result:**	**0.5 pCi/L**				

The radon test was performed using a liquid scintillation radon detector/s and counted on a liquid scintillation counter using approved EPA testing protocols for Radon in Air testing. The EPA recommends fixing your home if the average of two short-term tests taken in the lowest lived-in level of the home show radon levels that are equal to or greater than 4.0pCi/L.
The EPA recommends retesting your home every two years.

Please contact EMSL Analytical, Inc. or your State Health Department for further information.
All procedures used for generating this report are in complete accordance with the current EPA protocols for the analysis of Radon in Air.

Report Note

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-0327
http://www.EMSL.com cinnaminsonradonlab@emsl.com

EMSL Order:	381902198
CustomerID:	ENGS50
CustomerPO:	
ProjectID:	

Attn: **Maddi Burrell**
Environmental Group Services Ltd.
557 West Polk Street
Suite 201
Chicago, IL 60607

Phone:	(312) 447-1200
Fax:	(312) 447-0922
Received:	03/01/19 1:16 PM
Analysis Date:	3/2/2019
Collected:	2/20/2019

Project: **Milne Grove / 565 E. 7th Street**

Test Site: **Milne Grove**
565 E. 7th Street
Lockport, IL 60441

Test Report: Radon in Air Test Results

Analyst(s)

Drew Bush (6)

Laura Freeman, Radon Laboratory Manager &
Michael Menz, CIH, CHMM NJ Radon Measurement Specialist
NJ MES 13603

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ Accreditations: NRSB ARL6006, NJ DEP 03036, MEB 92525, PA 2573, IN 00455, IA L00032, ME 20200C, NE RMB-1083, NY ELAP 10872, NM 885-10L, FL RB2034, OH RL-39, NRPP #109000AL, KS-LB-0005, IL RNL2008202.

Initial report from 03/08/2019 12:31:37

Please visit www.radontestinglab.com

OrderID: 381902198

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Tel: 800-220-3675 • Fax: 856-786-0327
www.radontestinglab.com

RECEIVED EMSL CINNAMINSON, N.J.
2019 MAR -1 P 1:16

DOM: 4/11/2017
EXP: 4/11/2018

MA#4 ENG550 5 day

381902198.

Radon In Air Data Sheet

Send Written Report To:

Name Maddi Burrell
Address 557 W. Polk St, Suite 201
City Chicago State IL Zip 60607
Phone 312-447-1200 Fax
Email maddi@egsl.com
Technician Name
Technician Certification #
Technician Signature

1ST RED VIAL # 284373
LOCATION

☐ Basement ☒ First Floor ☐ Bedroom ☐ Den
☐ Living Room ☐ Other
☐ Location in Room Top of desk

2ND RED VIAL # 284372
(If Purchased)

The device has been scientifically tested to provide reliable indoor radon measurements when exposed to temperatures between 60 and 80 degrees F; temperatures outside this range will invalidate the test results.

Kit # 165905 (Outside of Box)

Property Tested:

Name Milne Grove
Address 565 E. 7th Street
City Lockport
Municipality County
State IL Zip 60441
☐ Check here if this is a Post Mitigation test.
Technician Name
Technician Certification #
Technician Signature

INDOOR CONDITIONS

Temperature °F Humidity %

EXPOSURE PERIOD

Beginning Date: 2 / 20 / 2019
Time: 11:00 (AM) / PM (Circle)

Ending Date: 2 / 22 / 2019
Time: 11:00 (AM) / PM (Circle)

The test device must remain open for 48 to 96 hours • Return this section with the test device to the laboratory

Tear Here

OrderID: 381902198

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Tel: 800-220-3675 • Fax: 856-786-0327
www.radontestinglab.com

RECEIVED
CINNAMINSON, N.J.

DOM: 4/11/2017
EXP: 4/11/2018

MH4 EN G550 5day

381902198.

Radon In Air Data Sheet

Send Written Report To:

Name Maddi Burrell
Address 557 W. Polk St, Suite 201
City Chicago State IL Zip 60607
Phone 312-447-1200 Fax
Email maddi@egsi.com
Technician Name
Technician Certification #
Technician Signature

1ST RED VIAL # 284397
LOCATION

☐ Basement ☒ First Floor ☐ Bedroom ☐ Den
☐ Living Room ☐ Other
☐ Location in Room on top of desk

2ND RED VIAL # 284422
(If Purchased)

The device has been scientifically tested to provide reliable indoor radon measurements when exposed to temperatures between 60 and 80 degrees F; temperatures outside this range will invalidate the test results.

Kit # 165903 (Outside of Box)

Property Tested:

Name Milne Grove
Address 565 E. 7th Street
City Lockport
Municipality County
State IL Zip 60441
☐ Check here if this is a Post Mitigation test.
Technician Name
Technician Certification #
Technician Signature

~~INDOOR CONDITIONS~~

Temperature °F Humidity %

EXPOSURE PERIOD

Beginning Date: 2 / 20 / 2019
Time: 11:00 (AM) / PM (Circle)

Ending Date: 2 / 22 / 2019
Time: 11:00 (AM) / PM (Circle)

Tear Here

The test device must remain open for 48 to 96 hours • Return this section with the test device to the laboratory

OrderID: 381902198

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Tel: 800-220-3675 • Fax: 856-786-0327
www.radontestinglab.com

DOM: 11/8/2016
EXP: 11/8/2017

M#4
ENG550
5day

381902198.

Radon In Air Data Sheet

Send Written Report To:

Name Madai Barrell
Address 557 W. Polk St, Suite 201
City Chicago State IL Zip 60607
Phone 312-447-120 Fax
Email MadaiC@egsl.com
Technician Name
Technician Certification #
Technician Signature

1ST RED VIAL # 270055

LOCATION

☐ Basement ☑ First Floor ☐ Bedroom ☐ Den
☐ Living Room ☐ Other
☐ Location in Room On top of desk

2ND RED VIAL # 270208
(If Purchased)

The device has been scientifically tested to provide reliable indoor radon measurements when exposed to temperatures between 60 and 80 degrees F; temperatures outside this range will invalidate the test results.

Kit # 158767 (Outside of Box)

Property Tested:

Name Milne Arave
Address 565 E. 7th Street
City Lockport
Municipality County
State IL Zip 60441

☐ Check here if this is a Post Mitigation test.

Technician Name
Technician Certification #
Technician Signature

INDOOR CONDITIONS

Temperature °F Humidity %

EXPOSURE PERIOD

Beginning Date: 2 / 20 / 2019
Time: 11:00 (AM) / PM (Circle)

Ending Date: 2 / 22 / 2019
Time: 11:00 (AM) / PM (Circle)

Tear Here

The test device must remain open for 48 to 96 hours • Return this section with the test device to the laboratory

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

February 28, 2019

Environmental Group Services, Ltd.
557 W. Polk
Chicago, IL 60610
Telephone: (312) 447-1200
Fax: (312) 447-0922

Analytical Report for STAT Work Order: 19020577 Revision 0

RE: 1901123-1901124, Kelvin - Milne

Dear Environmental Group Services, Ltd.:

STAT Analysis received 8 samples for the referenced project on 2/21/2019 11:09:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Justice Kwateng
Project Manager

STAT Analysis Corporation

Date: February 28, 2019

Client: Environmental Group Services, Ltd.
Project: 1901123-1901124, Kelvin - Milne
Work Order: 19020577 Revision 0

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
19020577-001A	KVOC-1: Can#60352		2/20/2019 4:30:00 PM	2/21/2019
19020577-002A	KVOC-2: Can#60226		2/20/2019 4:30:00 PM	2/21/2019
19020577-003A	KVOC-3: Can#60238		2/20/2019 4:30:00 PM	2/21/2019
19020577-004A	KVOC-4: Can#60275		2/20/2019 4:30:00 PM	2/21/2019
19020577-005A	MVOC-1: Can#60308		2/20/2019 4:30:00 PM	2/21/2019
19020577-006A	MVOC-2: Can#60346		2/20/2019 4:30:00 PM	2/21/2019
19020577-007A	MVOC-3: Can#60603		2/20/2019 4:30:00 PM	2/21/2019
19020577-008A	MVOC-4: Can#60326		2/20/2019 4:30:00 PM	2/21/2019

CLIENT: Environmental Group Services, Ltd.
Project: 1901123-1901124, Kelvin - Milne
Work Order: 19020577 Revision 0

CASE NARRATIVE

TO-15 results that are reported in ppbv and mg/m³ are calculated based on a temperature of 25°C, atmospheric pressure of 760 mm Hg, and the molecular weight of the analyte.

The TO-15 Continuing Calibration Verification (CCV) had recoveries outside of control limits for the following compounds:
Chloromethane: 131.4% recovery (QC Limits 70-130%)
4-methyl-2-pentanone: 130.0% recovery (QC Limits 70-130%)

SPECIAL COMMENTS RELATING TO TENATIVELY IDENTIFIED COMPOUNDS (TICS):

Up to 30 Tentatively Identified Compounds (TICs) were identified and reported. TICs were quantitated relative to internal standards, and therefore results are semi-quantitative. Compounds were identified using mass spectral interpretation techniques and a NIST reference library. All identifications were reviewed by an experienced mass spectrometrist but should be considered as tentative identifications because authentic standards were not available for comparison and the method is not specifically validated for these compounds.

TICs for each sample are flagged with a "Z" indicating an estimated concentration and a "*" indicating a non-accredited parameter.

STAT Analysis Corporation
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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-001

Client Sample ID: KVOC-1: Can#60352
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.31		ppbv	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.31		ppbv	1	2/22/2019
1,1,2-Trichloroethane	ND	0.31		ppbv	1	2/22/2019
1,1-Dichloroethane	ND	0.31		ppbv	1	2/22/2019
1,1-Dichloroethene	ND	0.31		ppbv	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.31		ppbv	1	2/22/2019
1,2,4-Trimethylbenzene	0.48	0.31		ppbv	1	2/22/2019
1,2-Dibromoethane	ND	0.31		ppbv	1	2/22/2019
1,2-Dichlorobenzene	ND	0.31		ppbv	1	2/22/2019
1,2-Dichloroethane	ND	0.31		ppbv	1	2/22/2019
1,2-Dichloropropane	ND	0.31		ppbv	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.31		ppbv	1	2/22/2019
1,3-Butadiene	ND	0.31		ppbv	1	2/22/2019
1,3-Dichlorobenzene	ND	0.31		ppbv	1	2/22/2019
1,4-Dichlorobenzene	ND	0.31		ppbv	1	2/22/2019
1,4-Dioxane	ND	0.78		ppbv	1	2/22/2019
2-Butanone	0.82	0.78		ppbv	1	2/22/2019
2-Hexanone	ND	1.6		ppbv	1	2/22/2019
4-Ethyltoluene	ND	0.31		ppbv	1	2/22/2019
4-Methyl-2-pentanone	ND	1.6		ppbv	1	2/22/2019
Acetone	16	3.1	*	ppbv	1	2/22/2019
Benzene	ND	0.31		ppbv	1	2/22/2019
Benzyl chloride	ND	0.78		ppbv	1	2/22/2019
Bromodichloromethane	ND	0.31		ppbv	1	2/22/2019
Bromoform	ND	0.78		ppbv	1	2/22/2019
Bromomethane	ND	0.78		ppbv	1	2/22/2019
Carbon disulfide	ND	0.31		ppbv	1	2/22/2019
Carbon tetrachloride	ND	0.31		ppbv	1	2/22/2019
Chlorobenzene	ND	0.31		ppbv	1	2/22/2019
Chloroethane	ND	0.31		ppbv	1	2/22/2019
Chloroform	ND	0.31		ppbv	1	2/22/2019
Chloromethane	0.88	0.78		ppbv	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.31		ppbv	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.31		ppbv	1	2/22/2019
Cyclohexane	ND	0.31		ppbv	1	2/22/2019
Dibromochloromethane	ND	0.31		ppbv	1	2/22/2019
Dichlorodifluoromethane	0.50	0.31		ppbv	1	2/22/2019
Ethyl acetate	ND	0.78		ppbv	1	2/22/2019

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-001

Client Sample ID: KVOC-1: Can#60352
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
Ethylbenzene	ND	0.31		ppbv	1	2/22/2019
Freon-113	ND	0.31		ppbv	1	2/22/2019
Freon-114	ND	1.6		ppbv	1	2/22/2019
Heptane	ND	0.31		ppbv	1	2/22/2019
Hexachlorobutadiene	ND	0.31		ppbv	1	2/22/2019
Hexane	ND	0.78		ppbv	1	2/22/2019
Isopropyl Alcohol	11	1.6		ppbv	1	2/22/2019
m,p-Xylene	1.2	0.62		ppbv	1	2/22/2019
Methyl tert-butyl ether	ND	0.31		ppbv	1	2/22/2019
Methylene chloride	ND	3.1		ppbv	1	2/22/2019
Naphthalene	ND	0.31		ppbv	1	2/22/2019
o-Xylene	0.34	0.31		ppbv	1	2/22/2019
Propene	ND	3.1		ppbv	1	2/22/2019
Styrene	ND	0.31		ppbv	1	2/22/2019
Tetrachloroethene	ND	0.31		ppbv	1	2/22/2019
Tetrahydrofuran	ND	0.78		ppbv	1	2/22/2019
Toluene	0.33	0.31		ppbv	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.31		ppbv	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.31		ppbv	1	2/22/2019
Trichloroethene	ND	0.31		ppbv	1	2/22/2019
Trichlorofluoromethane	ND	0.31		ppbv	1	2/22/2019
Vinyl acetate	ND	3.1		ppbv	1	2/22/2019
Vinyl chloride	ND	0.31		ppbv	1	2/22/2019
Xylenes, Total	1.5	0.93		ppbv	1	2/22/2019
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.0017		mg/m³	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.0021		mg/m³	1	2/22/2019
1,1,2-Trichloroethane	ND	0.0017		mg/m³	1	2/22/2019
1,1-Dichloroethane	ND	0.0013		mg/m³	1	2/22/2019
1,1-Dichloroethene	ND	0.0012		mg/m³	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.0023		mg/m³	1	2/22/2019
1,2,4-Trimethylbenzene	0.0024	0.0015		mg/m³	1	2/22/2019
1,2-Dibromoethane	ND	0.0024		mg/m³	1	2/22/2019
1,2-Dichlorobenzene	ND	0.0019		mg/m³	1	2/22/2019
1,2-Dichloroethane	ND	0.0013		mg/m³	1	2/22/2019
1,2-Dichloropropane	ND	0.0014		mg/m³	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.0015		mg/m³	1	2/22/2019
1,3-Butadiene	ND	0.00069		mg/m³	1	2/22/2019

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-001

Client Sample ID: KVOC-1: Can#60352
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,3-Dichlorobenzene	ND	0.0019		mg/m³	1	2/22/2019
1,4-Dichlorobenzene	ND	0.0019		mg/m³	1	2/22/2019
1,4-Dioxane	ND	0.0028		mg/m³	1	2/22/2019
2-Butanone	0.0024	0.0023		mg/m³	1	2/22/2019
2-Hexanone	ND	0.0064		mg/m³	1	2/22/2019
4-Ethyltoluene	ND	0.0015		mg/m³	1	2/22/2019
4-Methyl-2-pentanone	ND	0.0064		mg/m³	1	2/22/2019
Acetone	0.037	0.0074	*	mg/m³	1	2/22/2019
Benzene	ND	0.00099		mg/m³	1	2/22/2019
Benzyl chloride	ND	0.0040		mg/m³	1	2/22/2019
Bromodichloromethane	ND	0.0021		mg/m³	1	2/22/2019
Bromoform	ND	0.0080		mg/m³	1	2/22/2019
Bromomethane	ND	0.0030		mg/m³	1	2/22/2019
Carbon disulfide	ND	0.00097		mg/m³	1	2/22/2019
Carbon tetrachloride	ND	0.0020		mg/m³	1	2/22/2019
Chlorobenzene	ND	0.0014		mg/m³	1	2/22/2019
Chloroethane	ND	0.00082		mg/m³	1	2/22/2019
Chloroform	ND	0.0015		mg/m³	1	2/22/2019
Chloromethane	0.0018	0.0016		mg/m³	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.0012		mg/m³	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.0014		mg/m³	1	2/22/2019
Cyclohexane	ND	0.0011		mg/m³	1	2/22/2019
Dibromochloromethane	ND	0.0026		mg/m³	1	2/22/2019
Dichlorodifluoromethane	0.0025	0.0015		mg/m³	1	2/22/2019
Ethyl acetate	ND	0.0028		mg/m³	1	2/22/2019
Ethylbenzene	ND	0.0013		mg/m³	1	2/22/2019
Freon-113	ND	0.0024		mg/m³	1	2/22/2019
Freon-114	ND	0.011		mg/m³	1	2/22/2019
Heptane	ND	0.0013		mg/m³	1	2/22/2019
Hexachlorobutadiene	ND	0.0033		mg/m³	1	2/22/2019
Hexane	ND	0.0027		mg/m³	1	2/22/2019
Isopropyl Alcohol	0.026	0.0038		mg/m³	1	2/22/2019
m,p-Xylene	0.0051	0.0027		mg/m³	1	2/22/2019
Methyl tert-butyl ether	ND	0.0011		mg/m³	1	2/22/2019
Methylene chloride	ND	0.011		mg/m³	1	2/22/2019
Naphthalene	ND	0.0016		mg/m³	1	2/22/2019
o-Xylene	0.0015	0.0013		mg/m³	1	2/22/2019
Propene	ND	0.0053		mg/m³	1	2/22/2019

Qualifiers:
ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-001

Client Sample ID: KVOC-1: Can#60352
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
Styrene	ND	0.0013		mg/m³	1	2/22/2019
Tetrachloroethene	ND	0.0021		mg/m³	1	2/22/2019
Tetrahydrofuran	ND	0.0023		mg/m³	1	2/22/2019
Toluene	0.0012	0.0012		mg/m³	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.0012		mg/m³	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.0014		mg/m³	1	2/22/2019
Trichloroethene	ND	0.0017		mg/m³	1	2/22/2019
Trichlorofluoromethane	ND	0.0017		mg/m³	1	2/22/2019
Vinyl acetate	ND	0.011		mg/m³	1	2/22/2019
Vinyl chloride	ND	0.00079		mg/m³	1	2/22/2019
Xylenes, Total	0.0065	0.0040		mg/m³	1	2/22/2019

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation:
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL 300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: February 28, 2019
Date Printed: February 28, 2019

Client:	Environmental Group Services, Ltd.	**Client Sample ID:**	KVOC-1: Can#60352
Lab Order:	19020577	**Collection Date:**	########
Project:	1901123-1901124, Kelvin - Milne	**Matrix:**	Air
Lab ID:	19020577-001A		

Analyses	TO-15 TICS	**µg/m^3**	**ppbv**	**Qualifier**	**DF**	**Date Analyzed**
Tentatively Identified Compounds (TICS)						
Acetaldehyde		11.5	6.4	Z*	1	2/22/2019
1-Propene, 2-methyl-		9.0	3.9	Z*	1	2/22/2019
Butane		3.9	1.7	Z*	1	2/22/2019
Ethanol		101.2	53.8	Z*	1	2/22/2019
Pentane		18.4	6.2	Z*	1	2/22/2019
1,3-Butadiene, 2-methyl-		9.0	3.2	Z*	1	2/22/2019
Butanal		2.2	0.8	Z*	1	2/22/2019
3-Buten-1-ol, 3-methyl-		1.2	0.4	Z*	1	2/22/2019
Pentanal		2.1	0.6	Z*	1	2/22/2019
Hexanal		4.8	1.2	Z*	1	2/22/2019
Benzene, 1-chloro-4-(trifluoromethyl)-		36.6	5.0	Z*	1	2/22/2019
2-Tridecenal, (E)-		1.1	0.1	Z*	1	2/22/2019
Decane		24.8	4.3	Z*	1	2/22/2019
Benzofuran, octahydro-6-methyl-3-methylene-		0.9	0.1	Z*	1	2/22/2019
3-Hydroxymandelic acid, ethyl ester		33.3	2.4	Z*	1	2/22/2019

Qualifiers:
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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-002

Client Sample ID: KVOC-2: Can#60226
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.58		ppbv	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.58		ppbv	1	2/22/2019
1,1,2-Trichloroethane	ND	0.58		ppbv	1	2/22/2019
1,1-Dichloroethane	ND	0.58		ppbv	1	2/22/2019
1,1-Dichloroethene	ND	0.58		ppbv	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.58		ppbv	1	2/22/2019
1,2,4-Trimethylbenzene	ND	0.58		ppbv	1	2/22/2019
1,2-Dibromoethane	ND	0.58		ppbv	1	2/22/2019
1,2-Dichlorobenzene	ND	0.58		ppbv	1	2/22/2019
1,2-Dichloroethane	ND	0.58		ppbv	1	2/22/2019
1,2-Dichloropropane	ND	0.58		ppbv	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.58		ppbv	1	2/22/2019
1,3-Butadiene	ND	0.58		ppbv	1	2/22/2019
1,3-Dichlorobenzene	ND	0.58		ppbv	1	2/22/2019
1,4-Dichlorobenzene	ND	0.58		ppbv	1	2/22/2019
1,4-Dioxane	ND	1.5		ppbv	1	2/22/2019
2-Butanone	ND	1.5		ppbv	1	2/22/2019
2-Hexanone	ND	2.9		ppbv	1	2/22/2019
4-Ethyltoluene	ND	0.58		ppbv	1	2/22/2019
4-Methyl-2-pentanone	ND	2.9		ppbv	1	2/22/2019
Acetone	7.6	5.8	*	ppbv	1	2/22/2019
Benzene	ND	0.58		ppbv	1	2/22/2019
Benzyl chloride	ND	1.5		ppbv	1	2/22/2019
Bromodichloromethane	ND	0.58		ppbv	1	2/22/2019
Bromoform	ND	1.5		ppbv	1	2/22/2019
Bromomethane	ND	1.5		ppbv	1	2/22/2019
Carbon disulfide	ND	0.58		ppbv	1	2/22/2019
Carbon tetrachloride	ND	0.58		ppbv	1	2/22/2019
Chlorobenzene	ND	0.58		ppbv	1	2/22/2019
Chloroethane	ND	0.58		ppbv	1	2/22/2019
Chloroform	ND	0.58		ppbv	1	2/22/2019
Chloromethane	ND	1.5		ppbv	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.58		ppbv	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.58		ppbv	1	2/22/2019
Cyclohexane	ND	0.58		ppbv	1	2/22/2019
Dibromochloromethane	ND	0.58		ppbv	1	2/22/2019
Dichlorodifluoromethane	0.70	0.58		ppbv	1	2/22/2019
Ethyl acetate	ND	1.5		ppbv	1	2/22/2019

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-002

Client Sample ID: KVOC-2: Can#60226
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
Ethylbenzene	ND	0.58		ppbv	1	2/22/2019
Freon-113	ND	0.58		ppbv	1	2/22/2019
Freon-114	ND	2.9		ppbv	1	2/22/2019
Heptane	ND	0.58		ppbv	1	2/22/2019
Hexachlorobutadiene	ND	0.58		ppbv	1	2/22/2019
Hexane	ND	1.5		ppbv	1	2/22/2019
Isopropyl Alcohol	20	2.9		ppbv	1	2/22/2019
m,p-Xylene	ND	1.2		ppbv	1	2/22/2019
Methyl tert-butyl ether	ND	0.58		ppbv	1	2/22/2019
Methylene chloride	ND	5.8		ppbv	1	2/22/2019
Naphthalene	ND	0.58		ppbv	1	2/22/2019
o-Xylene	ND	0.58		ppbv	1	2/22/2019
Propene	ND	5.8		ppbv	1	2/22/2019
Styrene	ND	0.58		ppbv	1	2/22/2019
Tetrachloroethene	ND	0.58		ppbv	1	2/22/2019
Tetrahydrofuran	ND	1.5		ppbv	1	2/22/2019
Toluene	ND	0.58		ppbv	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.58		ppbv	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.58		ppbv	1	2/22/2019
Trichloroethene	ND	0.58		ppbv	1	2/22/2019
Trichlorofluoromethane	ND	0.58		ppbv	1	2/22/2019
Vinyl acetate	ND	5.8		ppbv	1	2/22/2019
Vinyl chloride	ND	0.58		ppbv	1	2/22/2019
Xylenes, Total	ND	1.7		ppbv	1	2/22/2019
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.0032		mg/m³	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.0040		mg/m³	1	2/22/2019
1,1,2-Trichloroethane	ND	0.0032		mg/m³	1	2/22/2019
1,1-Dichloroethane	ND	0.0023		mg/m³	1	2/22/2019
1,1-Dichloroethene	ND	0.0023		mg/m³	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.0043		mg/m³	1	2/22/2019
1,2,4-Trimethylbenzene	ND	0.0029		mg/m³	1	2/22/2019
1,2-Dibromoethane	ND	0.0045		mg/m³	1	2/22/2019
1,2-Dichlorobenzene	ND	0.0035		mg/m³	1	2/22/2019
1,2-Dichloroethane	ND	0.0023		mg/m³	1	2/22/2019
1,2-Dichloropropane	ND	0.0027		mg/m³	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.0029		mg/m³	1	2/22/2019
1,3-Butadiene	ND	0.0013		mg/m³	1	2/22/2019

Qualifiers:
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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-002

Client Sample ID: KVOC-2: Can#60226
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,3-Dichlorobenzene	ND	0.0035		mg/m³	1	2/22/2019
1,4-Dichlorobenzene	ND	0.0035		mg/m³	1	2/22/2019
1,4-Dioxane	ND	0.0052		mg/m³	1	2/22/2019
2-Butanone	ND	0.0043		mg/m³	1	2/22/2019
2-Hexanone	ND	0.012		mg/m³	1	2/22/2019
4-Ethyltoluene	ND	0.0029		mg/m³	1	2/22/2019
4-Methyl-2-pentanone	ND	0.012		mg/m³	1	2/22/2019
Acetone	0.018	0.014	*	mg/m³	1	2/22/2019
Benzene	ND	0.0019		mg/m³	1	2/22/2019
Benzyl chloride	ND	0.0075		mg/m³	1	2/22/2019
Bromodichloromethane	ND	0.0039		mg/m³	1	2/22/2019
Bromoform	ND	0.015		mg/m³	1	2/22/2019
Bromomethane	ND	0.0056		mg/m³	1	2/22/2019
Carbon disulfide	ND	0.0018		mg/m³	1	2/22/2019
Carbon tetrachloride	ND	0.0037		mg/m³	1	2/22/2019
Chlorobenzene	ND	0.0027		mg/m³	1	2/22/2019
Chloroethane	ND	0.0015		mg/m³	1	2/22/2019
Chloroform	ND	0.0028		mg/m³	1	2/22/2019
Chloromethane	ND	0.0030		mg/m³	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.0023		mg/m³	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.0026		mg/m³	1	2/22/2019
Cyclohexane	ND	0.0020		mg/m³	1	2/22/2019
Dibromochloromethane	ND	0.0049		mg/m³	1	2/22/2019
Dichlorodifluoromethane	0.0034	0.0029		mg/m³	1	2/22/2019
Ethyl acetate	ND	0.0052		mg/m³	1	2/22/2019
Ethylbenzene	ND	0.0025		mg/m³	1	2/22/2019
Freon-113	ND	0.0045		mg/m³	1	2/22/2019
Freon-114	ND	0.020		mg/m³	1	2/22/2019
Heptane	ND	0.0024		mg/m³	1	2/22/2019
Hexachlorobutadiene	ND	0.0062		mg/m³	1	2/22/2019
Hexane	ND	0.0051		mg/m³	1	2/22/2019
Isopropyl Alcohol	0.049	0.0071		mg/m³	1	2/22/2019
m,p-Xylene	ND	0.0050		mg/m³	1	2/22/2019
Methyl tert-butyl ether	ND	0.0021		mg/m³	1	2/22/2019
Methylene chloride	ND	0.020		mg/m³	1	2/22/2019
Naphthalene	ND	0.0030		mg/m³	1	2/22/2019
o-Xylene	ND	0.0025		mg/m³	1	2/22/2019
Propene	ND	0.010		mg/m³	1	2/22/2019

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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-002

Client Sample ID: KVOC-2: Can#60226
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
Styrene	ND	0.0025		mg/m³	1	2/22/2019
Tetrachloroethene	ND	0.0039		mg/m³	1	2/22/2019
Tetrahydrofuran	ND	0.0043		mg/m³	1	2/22/2019
Toluene	ND	0.0022		mg/m³	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.0023		mg/m³	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.0026		mg/m³	1	2/22/2019
Trichloroethene	ND	0.0031		mg/m³	1	2/22/2019
Trichlorofluoromethane	ND	0.0033		mg/m³	1	2/22/2019
Vinyl acetate	ND	0.020		mg/m³	1	2/22/2019
Vinyl chloride	ND	0.0015		mg/m³	1	2/22/2019
Xylenes, Total	ND	0.0076		mg/m³	1	2/22/2019

Qualifiers:
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Date Reported: February 28, 2019
Date Printed: February 28, 2019

Client:	Environmental Group Services, Ltd.	**Client Sample ID:**	KVOC-2: Can#60226
Lab Order:	19020577	**Collection Date:**	########
Project:	1901123-1901124, Kelvin - Milne	**Matrix:**	Air
Lab ID:	19020577-002A		

Analyses	TO-15 TICS	**µg/m^3**	**ppbv**	**Qualifier**	**DF**	**Date Analyzed**
Tentatively Identified Compounds (TICS)						
1-Propene, 2-methyl-		16.3	7.1	Z*	1	2/22/2019
Butane		4.8	2.0	Z*	1	2/22/2019
Ethanol		162.2	86.2	Z*	1	2/22/2019
Methylene Chloride		2.1	0.6	Z*	1	2/22/2019
Butanal		2.9	1.0	Z*	1	2/22/2019
4-Hydroxymandelic acid, ethyl ester, di-TMS		8.8	0.6	Z*	1	2/22/2019

Qualifiers:	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quanititation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-003

Client Sample ID: KVOC-3: Can#60238
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.48		ppbv	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.48		ppbv	1	2/22/2019
1,1,2-Trichloroethane	ND	0.48		ppbv	1	2/22/2019
1,1-Dichloroethane	ND	0.48		ppbv	1	2/22/2019
1,1-Dichloroethene	ND	0.48		ppbv	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.48		ppbv	1	2/22/2019
1,2,4-Trimethylbenzene	ND	0.48		ppbv	1	2/22/2019
1,2-Dibromoethane	ND	0.48		ppbv	1	2/22/2019
1,2-Dichlorobenzene	ND	0.48		ppbv	1	2/22/2019
1,2-Dichloroethane	ND	0.48		ppbv	1	2/22/2019
1,2-Dichloropropane	ND	0.48		ppbv	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.48		ppbv	1	2/22/2019
1,3-Butadiene	ND	0.48		ppbv	1	2/22/2019
1,3-Dichlorobenzene	ND	0.48		ppbv	1	2/22/2019
1,4-Dichlorobenzene	ND	0.48		ppbv	1	2/22/2019
1,4-Dioxane	ND	1.2		ppbv	1	2/22/2019
2-Butanone	ND	1.2		ppbv	1	2/22/2019
2-Hexanone	ND	2.4		ppbv	1	2/22/2019
4-Ethyltoluene	ND	0.48		ppbv	1	2/22/2019
4-Methyl-2-pentanone	ND	2.4		ppbv	1	2/22/2019
Acetone	12	4.8	*	ppbv	1	2/22/2019
Benzene	ND	0.48		ppbv	1	2/22/2019
Benzyl chloride	ND	1.2		ppbv	1	2/22/2019
Bromodichloromethane	ND	0.48		ppbv	1	2/22/2019
Bromoform	ND	1.2		ppbv	1	2/22/2019
Bromomethane	ND	1.2		ppbv	1	2/22/2019
Carbon disulfide	ND	0.48		ppbv	1	2/22/2019
Carbon tetrachloride	ND	0.48		ppbv	1	2/22/2019
Chlorobenzene	ND	0.48		ppbv	1	2/22/2019
Chloroethane	ND	0.48		ppbv	1	2/22/2019
Chloroform	ND	0.48		ppbv	1	2/22/2019
Chloromethane	ND	1.2		ppbv	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.48		ppbv	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.48		ppbv	1	2/22/2019
Cyclohexane	ND	0.48		ppbv	1	2/22/2019
Dibromochloromethane	ND	0.48		ppbv	1	2/22/2019
Dichlorodifluoromethane	0.53	0.48		ppbv	1	2/22/2019
Ethyl acetate	ND	1.2		ppbv	1	2/22/2019

Qualifiers:
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HT - Sample received past holding time
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RL - Reporting / Quantitation Limit for the analysis
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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-003

Client Sample ID: KVOC-3: Can#60238
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
Ethylbenzene	ND	0.48		ppbv	1	2/22/2019
Freon-113	ND	0.48		ppbv	1	2/22/2019
Freon-114	ND	2.4		ppbv	1	2/22/2019
Heptane	ND	0.48		ppbv	1	2/22/2019
Hexachlorobutadiene	ND	0.48		ppbv	1	2/22/2019
Hexane	ND	1.2		ppbv	1	2/22/2019
Isopropyl Alcohol	39	2.4		ppbv	1	2/22/2019
m,p-Xylene	ND	0.97		ppbv	1	2/22/2019
Methyl tert-butyl ether	ND	0.48		ppbv	1	2/22/2019
Methylene chloride	ND	4.8		ppbv	1	2/22/2019
Naphthalene	ND	0.48		ppbv	1	2/22/2019
o-Xylene	ND	0.48		ppbv	1	2/22/2019
Propene	ND	4.8		ppbv	1	2/22/2019
Styrene	ND	0.48		ppbv	1	2/22/2019
Tetrachloroethene	ND	0.48		ppbv	1	2/22/2019
Tetrahydrofuran	ND	1.2		ppbv	1	2/22/2019
Toluene	ND	0.48		ppbv	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.48		ppbv	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.48		ppbv	1	2/22/2019
Trichloroethene	ND	0.48		ppbv	1	2/22/2019
Trichlorofluoromethane	ND	0.48		ppbv	1	2/22/2019
Vinyl acetate	ND	4.8		ppbv	1	2/22/2019
Vinyl chloride	ND	0.48		ppbv	1	2/22/2019
Xylenes, Total	ND	1.5		ppbv	1	2/22/2019
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.0026		mg/m³	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.0033		mg/m³	1	2/22/2019
1,1,2-Trichloroethane	ND	0.0026		mg/m³	1	2/22/2019
1,1-Dichloroethane	ND	0.0020		mg/m³	1	2/22/2019
1,1-Dichloroethene	ND	0.0019		mg/m³	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.0036		mg/m³	1	2/22/2019
1,2,4-Trimethylbenzene	ND	0.0024		mg/m³	1	2/22/2019
1,2-Dibromoethane	ND	0.0037		mg/m³	1	2/22/2019
1,2-Dichlorobenzene	ND	0.0029		mg/m³	1	2/22/2019
1,2-Dichloroethane	ND	0.0020		mg/m³	1	2/22/2019
1,2-Dichloropropane	ND	0.0022		mg/m³	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.0024		mg/m³	1	2/22/2019
1,3-Butadiene	ND	0.0011		mg/m³	1	2/22/2019

Qualifiers:
ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-003

Client Sample ID: KVOC-3: Can#60238
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,3-Dichlorobenzene	ND	0.0029		mg/m³	1	2/22/2019
1,4-Dichlorobenzene	ND	0.0029		mg/m³	1	2/22/2019
1,4-Dioxane	ND	0.0044		mg/m³	1	2/22/2019
2-Butanone	ND	0.0036		mg/m³	1	2/22/2019
2-Hexanone	ND	0.0099		mg/m³	1	2/22/2019
4-Ethyltoluene	ND	0.0024		mg/m³	1	2/22/2019
4-Methyl-2-pentanone	ND	0.0099		mg/m³	1	2/22/2019
Acetone	0.029	0.012	*	mg/m³	1	2/22/2019
Benzene	ND	0.0015		mg/m³	1	2/22/2019
Benzyl chloride	ND	0.0063		mg/m³	1	2/22/2019
Bromodichloromethane	ND	0.0032		mg/m³	1	2/22/2019
Bromoform	ND	0.013		mg/m³	1	2/22/2019
Bromomethane	ND	0.0047		mg/m³	1	2/22/2019
Carbon disulfide	ND	0.0015		mg/m³	1	2/22/2019
Carbon tetrachloride	ND	0.0031		mg/m³	1	2/22/2019
Chlorobenzene	ND	0.0022		mg/m³	1	2/22/2019
Chloroethane	ND	0.0013		mg/m³	1	2/22/2019
Chloroform	ND	0.0024		mg/m³	1	2/22/2019
Chloromethane	ND	0.0025		mg/m³	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.0019		mg/m³	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.0022		mg/m³	1	2/22/2019
Cyclohexane	ND	0.0017		mg/m³	1	2/22/2019
Dibromochloromethane	ND	0.0041		mg/m³	1	2/22/2019
Dichlorodifluoromethane	0.0026	0.0024		mg/m³	1	2/22/2019
Ethyl acetate	ND	0.0044		mg/m³	1	2/22/2019
Ethylbenzene	ND	0.0021		mg/m³	1	2/22/2019
Freon-113	ND	0.0037		mg/m³	1	2/22/2019
Freon-114	ND	0.017		mg/m³	1	2/22/2019
Heptane	ND	0.0020		mg/m³	1	2/22/2019
Hexachlorobutadiene	ND	0.0052		mg/m³	1	2/22/2019
Hexane	ND	0.0043		mg/m³	1	2/22/2019
Isopropyl Alcohol	0.096	0.0060		mg/m³	1	2/22/2019
m,p-Xylene	ND	0.0042		mg/m³	1	2/22/2019
Methyl tert-butyl ether	ND	0.0017		mg/m³	1	2/22/2019
Methylene chloride	ND	0.017		mg/m³	1	2/22/2019
Naphthalene	ND	0.0025		mg/m³	1	2/22/2019
o-Xylene	ND	0.0021		mg/m³	1	2/22/2019
Propene	ND	0.0083		mg/m³	1	2/22/2019

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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-003

Client Sample ID: KVOC-3: Can#60238
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
Styrene	ND	0.0021		mg/m³	1	2/22/2019
Tetrachloroethene	ND	0.0033		mg/m³	1	2/22/2019
Tetrahydrofuran	ND	0.0036		mg/m³	1	2/22/2019
Toluene	ND	0.0018		mg/m³	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.0019		mg/m³	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.0022		mg/m³	1	2/22/2019
Trichloroethene	ND	0.0026		mg/m³	1	2/22/2019
Trichlorofluoromethane	ND	0.0027		mg/m³	1	2/22/2019
Vinyl acetate	ND	0.017		mg/m³	1	2/22/2019
Vinyl chloride	ND	0.0012		mg/m³	1	2/22/2019
Xylenes, Total	ND	0.0063		mg/m³	1	2/22/2019

Qualifiers:
ND - Not Detected at the Reporting Limit
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HT - Sample received past holding time
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Date Reported: February 28, 2019
Date Printed: February 28, 2019

Client:	Environmental Group Services, Ltd.	**Client Sample ID:**	KVOC-3: Can#60238
Lab Order:	19020577	**Collection Date:**	########
Project:	1901123-1901124, Kelvin - Milne	**Matrix:**	Air
Lab ID:	19020577-003A		

Analyses	TO-15 TICS	**µg/m^3**	**ppbv**	**Qualifier**	**DF**	**Date Analyzed**
Tentatively Identified Compounds (TICS)						
Acetaldehyde		11.7	6.5	Z*	1	2/22/2019
1-Propene, 2-methyl-		13.7	6.0	Z*	1	2/22/2019
Butanoic acid, 3-oxo-, butyl ester		4.9	0.8	Z*	1	2/22/2019
Ethanol		141.1	75.0	Z*	1	2/22/2019
D-Limonene		4.3	0.8	Z*	1	2/22/2019

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Date Reported: February 28, 2019
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ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-004

Client Sample ID: KVOC-4: Can#60275
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.31		ppbv	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.31		ppbv	1	2/22/2019
1,1,2-Trichloroethane	ND	0.31		ppbv	1	2/22/2019
1,1-Dichloroethane	ND	0.31		ppbv	1	2/22/2019
1,1-Dichloroethene	ND	0.31		ppbv	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.31		ppbv	1	2/22/2019
1,2,4-Trimethylbenzene	ND	0.31		ppbv	1	2/22/2019
1,2-Dibromoethane	ND	0.31		ppbv	1	2/22/2019
1,2-Dichlorobenzene	ND	0.31		ppbv	1	2/22/2019
1,2-Dichloroethane	ND	0.31		ppbv	1	2/22/2019
1,2-Dichloropropane	ND	0.31		ppbv	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.31		ppbv	1	2/22/2019
1,3-Butadiene	ND	0.31		ppbv	1	2/22/2019
1,3-Dichlorobenzene	ND	0.31		ppbv	1	2/22/2019
1,4-Dichlorobenzene	ND	0.31		ppbv	1	2/22/2019
1,4-Dioxane	ND	0.76		ppbv	1	2/22/2019
2-Butanone	ND	0.76		ppbv	1	2/22/2019
2-Hexanone	ND	1.5		ppbv	1	2/22/2019
4-Ethyltoluene	ND	0.31		ppbv	1	2/22/2019
4-Methyl-2-pentanone	ND	1.5		ppbv	1	2/22/2019
Acetone	10	3.1	*	ppbv	1	2/22/2019
Benzene	ND	0.31		ppbv	1	2/22/2019
Benzyl chloride	ND	0.76		ppbv	1	2/22/2019
Bromodichloromethane	ND	0.31		ppbv	1	2/22/2019
Bromoform	ND	0.76		ppbv	1	2/22/2019
Bromomethane	ND	0.76		ppbv	1	2/22/2019
Carbon disulfide	ND	0.31		ppbv	1	2/22/2019
Carbon tetrachloride	ND	0.31		ppbv	1	2/22/2019
Chlorobenzene	ND	0.31		ppbv	1	2/22/2019
Chloroethane	ND	0.31		ppbv	1	2/22/2019
Chloroform	ND	0.31		ppbv	1	2/22/2019
Chloromethane	ND	0.76		ppbv	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.31		ppbv	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.31		ppbv	1	2/22/2019
Cyclohexane	ND	0.31		ppbv	1	2/22/2019
Dibromochloromethane	ND	0.31		ppbv	1	2/22/2019
Dichlorodifluoromethane	0.55	0.31		ppbv	1	2/22/2019
Ethyl acetate	ND	0.76		ppbv	1	2/22/2019

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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-004

Client Sample ID: KVOC-4: Can#60275
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **2/22/2019**		Analyst: **MAS**
Ethylbenzene	ND	0.31		ppbv	1	2/22/2019
Freon-113	ND	0.31		ppbv	1	2/22/2019
Freon-114	ND	1.5		ppbv	1	2/22/2019
Heptane	ND	0.31		ppbv	1	2/22/2019
Hexachlorobutadiene	ND	0.31		ppbv	1	2/22/2019
Hexane	ND	0.76		ppbv	1	2/22/2019
Isopropyl Alcohol	17	1.5		ppbv	1	2/22/2019
m,p-Xylene	ND	0.61		ppbv	1	2/22/2019
Methyl tert-butyl ether	ND	0.31		ppbv	1	2/22/2019
Methylene chloride	ND	3.1		ppbv	1	2/22/2019
Naphthalene	ND	0.31		ppbv	1	2/22/2019
o-Xylene	ND	0.31		ppbv	1	2/22/2019
Propene	ND	3.1		ppbv	1	2/22/2019
Styrene	ND	0.31		ppbv	1	2/22/2019
Tetrachloroethene	ND	0.31		ppbv	1	2/22/2019
Tetrahydrofuran	ND	0.76		ppbv	1	2/22/2019
Toluene	ND	0.31		ppbv	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.31		ppbv	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.31		ppbv	1	2/22/2019
Trichloroethene	ND	0.31		ppbv	1	2/22/2019
Trichlorofluoromethane	ND	0.31		ppbv	1	2/22/2019
Vinyl acetate	ND	3.1		ppbv	1	2/22/2019
Vinyl chloride	ND	0.31		ppbv	1	2/22/2019
Xylenes, Total	ND	0.92		ppbv	1	2/22/2019
Volatile Organic Compounds in Air by GC/MS	**TO-15**			Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.0017		mg/m³	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.0021		mg/m³	1	2/22/2019
1,1,2-Trichloroethane	ND	0.0017		mg/m³	1	2/22/2019
1,1-Dichloroethane	ND	0.0012		mg/m³	1	2/22/2019
1,1-Dichloroethene	ND	0.0012		mg/m³	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.0023		mg/m³	1	2/22/2019
1,2,4-Trimethylbenzene	ND	0.0015		mg/m³	1	2/22/2019
1,2-Dibromoethane	ND	0.0023		mg/m³	1	2/22/2019
1,2-Dichlorobenzene	ND	0.0018		mg/m³	1	2/22/2019
1,2-Dichloroethane	ND	0.0012		mg/m³	1	2/22/2019
1,2-Dichloropropane	ND	0.0014		mg/m³	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.0015		mg/m³	1	2/22/2019
1,3-Butadiene	ND	0.00068		mg/m³	1	2/22/2019

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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-004

Client Sample ID: KVOC-4: Can#60275
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,3-Dichlorobenzene	ND	0.0018		mg/m³	1	2/22/2019
1,4-Dichlorobenzene	ND	0.0018		mg/m³	1	2/22/2019
1,4-Dioxane	ND	0.0028		mg/m³	1	2/22/2019
2-Butanone	ND	0.0023		mg/m³	1	2/22/2019
2-Hexanone	ND	0.0063		mg/m³	1	2/22/2019
4-Ethyltoluene	ND	0.0015		mg/m³	1	2/22/2019
4-Methyl-2-pentanone	ND	0.0063		mg/m³	1	2/22/2019
Acetone	0.024	0.0073	*	mg/m³	1	2/22/2019
Benzene	ND	0.00098		mg/m³	1	2/22/2019
Benzyl chloride	ND	0.0040		mg/m³	1	2/22/2019
Bromodichloromethane	ND	0.0020		mg/m³	1	2/22/2019
Bromoform	ND	0.0079		mg/m³	1	2/22/2019
Bromomethane	ND	0.0030		mg/m³	1	2/22/2019
Carbon disulfide	ND	0.00095		mg/m³	1	2/22/2019
Carbon tetrachloride	ND	0.0019		mg/m³	1	2/22/2019
Chlorobenzene	ND	0.0014		mg/m³	1	2/22/2019
Chloroethane	ND	0.00081		mg/m³	1	2/22/2019
Chloroform	ND	0.0015		mg/m³	1	2/22/2019
Chloromethane	ND	0.0016		mg/m³	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.0012		mg/m³	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.0014		mg/m³	1	2/22/2019
Cyclohexane	ND	0.0011		mg/m³	1	2/22/2019
Dibromochloromethane	ND	0.0026		mg/m³	1	2/22/2019
Dichlorodifluoromethane	0.0027	0.0015		mg/m³	1	2/22/2019
Ethyl acetate	ND	0.0028		mg/m³	1	2/22/2019
Ethylbenzene	ND	0.0013		mg/m³	1	2/22/2019
Freon-113	ND	0.0023		mg/m³	1	2/22/2019
Freon-114	ND	0.011		mg/m³	1	2/22/2019
Heptane	ND	0.0013		mg/m³	1	2/22/2019
Hexachlorobutadiene	ND	0.0033		mg/m³	1	2/22/2019
Hexane	ND	0.0027		mg/m³	1	2/22/2019
Isopropyl Alcohol	0.043	0.0038		mg/m³	1	2/22/2019
m,p-Xylene	ND	0.0027		mg/m³	1	2/22/2019
Methyl tert-butyl ether	ND	0.0011		mg/m³	1	2/22/2019
Methylene chloride	ND	0.011		mg/m³	1	2/22/2019
Naphthalene	ND	0.0016		mg/m³	1	2/22/2019
o-Xylene	ND	0.0013		mg/m³	1	2/22/2019
Propene	ND	0.0053		mg/m³	1	2/22/2019

Qualifiers:
ND - Not Detected at the Reporting Limit
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Date Reported: February 28, 2019
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ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-004

Client Sample ID: KVOC-4: Can#60275
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
Styrene	ND	0.0013		mg/m³	1	2/22/2019
Tetrachloroethene	ND	0.0021		mg/m³	1	2/22/2019
Tetrahydrofuran	ND	0.0023		mg/m³	1	2/22/2019
Toluene	ND	0.0012		mg/m³	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.0012		mg/m³	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.0014		mg/m³	1	2/22/2019
Trichloroethene	ND	0.0016		mg/m³	1	2/22/2019
Trichlorofluoromethane	ND	0.0017		mg/m³	1	2/22/2019
Vinyl acetate	ND	0.011		mg/m³	1	2/22/2019
Vinyl chloride	ND	0.00078		mg/m³	1	2/22/2019
Xylenes, Total	ND	0.0040		mg/m³	1	2/22/2019

Qualifiers:
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL 300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: February 28, 2019
Date Printed: February 28, 2019

Client:	Environmental Group Services, Ltd.	**Client Sample ID:**	KVOC-4: Can#60275
Lab Order:	19020577	**Collection Date:**	########
Project:	1901123-1901124, Kelvin - Milne	**Matrix:**	Air
Lab ID:	19020577-004A		

Analyses	TO-15 TICS	**µg/m^3**	**ppbv**	**Qualifier**	**DF**	**Date Analyzed**
Tentatively Identified Compounds (TICS)						
Norflurane		16.0	3.8	Z*	1	2/22/2019
Silane, methyl-		11.7	6.2	Z*	1	2/22/2019
1-Propene, 2-methyl-		8.6	3.7	Z*	1	2/22/2019
Butane		4.9	2.0	Z*	1	2/22/2019
Ethanol		187.0	99.4	Z*	1	2/22/2019
1,3-Butadiene, 2-methyl-		4.7	1.7	Z*	1	2/22/2019
1-Butene, 4,4-dichloro-1,1,2,3,3,4-hexafluoro-		1.9	0.2	Z*	1	2/22/2019
Furazan-3,4-diol		1.7	0.4	Z*	1	2/22/2019
Aziridine, 2,2-dimethyl-		2.3	0.8	Z*	1	2/22/2019
Hexanal		1.5	0.4	Z*	1	2/22/2019
Cyclopentane, methyl-		0.9	0.3	Z*	1	2/22/2019
D-Limonene		7.9	1.4	Z*	1	2/22/2019
Butanamide, 2,2,3,3,4,4,4-heptafluoro-N-[2-[(trimethylsilyl)oxy]-2-[4-[(trimethylsilyl)oxy]phenyl]ethyl]-		13.5	1.0	Z*	1	2/22/2019

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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-005

Client Sample ID: MVOC-1: Can#60308
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.32		ppbv	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.32		ppbv	1	2/22/2019
1,1,2-Trichloroethane	ND	0.32		ppbv	1	2/22/2019
1,1-Dichloroethane	ND	0.32		ppbv	1	2/22/2019
1,1-Dichloroethene	ND	0.32		ppbv	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.32		ppbv	1	2/22/2019
1,2,4-Trimethylbenzene	ND	0.32		ppbv	1	2/22/2019
1,2-Dibromoethane	ND	0.32		ppbv	1	2/22/2019
1,2-Dichlorobenzene	ND	0.32		ppbv	1	2/22/2019
1,2-Dichloroethane	ND	0.32		ppbv	1	2/22/2019
1,2-Dichloropropane	ND	0.32		ppbv	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.32		ppbv	1	2/22/2019
1,3-Butadiene	ND	0.32		ppbv	1	2/22/2019
1,3-Dichlorobenzene	ND	0.32		ppbv	1	2/22/2019
1,4-Dichlorobenzene	ND	0.32		ppbv	1	2/22/2019
1,4-Dioxane	ND	0.80		ppbv	1	2/22/2019
2-Butanone	ND	0.80		ppbv	1	2/22/2019
2-Hexanone	ND	1.6		ppbv	1	2/22/2019
4-Ethyltoluene	ND	0.32		ppbv	1	2/22/2019
4-Methyl-2-pentanone	ND	1.6		ppbv	1	2/22/2019
Acetone	19	3.2	*	ppbv	1	2/22/2019
Benzene	ND	0.32		ppbv	1	2/22/2019
Benzyl chloride	ND	0.80		ppbv	1	2/22/2019
Bromodichloromethane	ND	0.32		ppbv	1	2/22/2019
Bromoform	ND	0.80		ppbv	1	2/22/2019
Bromomethane	ND	0.80		ppbv	1	2/22/2019
Carbon disulfide	ND	0.32		ppbv	1	2/22/2019
Carbon tetrachloride	ND	0.32		ppbv	1	2/22/2019
Chlorobenzene	ND	0.32		ppbv	1	2/22/2019
Chloroethane	ND	0.32		ppbv	1	2/22/2019
Chloroform	ND	0.32		ppbv	1	2/22/2019
Chloromethane	ND	0.80		ppbv	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.32		ppbv	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.32		ppbv	1	2/22/2019
Cyclohexane	ND	0.32		ppbv	1	2/22/2019
Dibromochloromethane	ND	0.32		ppbv	1	2/22/2019
Dichlorodifluoromethane	0.56	0.32		ppbv	1	2/22/2019
Ethyl acetate	ND	0.80		ppbv	1	2/22/2019

Qualifiers:
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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-005

Client Sample ID: MVOC-1: Can#60308
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
Ethylbenzene	ND	0.32		ppbv	1	2/22/2019
Freon-113	ND	0.32		ppbv	1	2/22/2019
Freon-114	ND	1.6		ppbv	1	2/22/2019
Heptane	ND	0.32		ppbv	1	2/22/2019
Hexachlorobutadiene	ND	0.32		ppbv	1	2/22/2019
Hexane	ND	0.80		ppbv	1	2/22/2019
Isopropyl Alcohol	28	1.6		ppbv	1	2/22/2019
m,p-Xylene	ND	0.64		ppbv	1	2/22/2019
Methyl tert-butyl ether	ND	0.32		ppbv	1	2/22/2019
Methylene chloride	ND	3.2		ppbv	1	2/22/2019
Naphthalene	ND	0.32		ppbv	1	2/22/2019
o-Xylene	ND	0.32		ppbv	1	2/22/2019
Propene	ND	3.2		ppbv	1	2/22/2019
Styrene	ND	0.32		ppbv	1	2/22/2019
Tetrachloroethene	ND	0.32		ppbv	1	2/22/2019
Tetrahydrofuran	ND	0.80		ppbv	1	2/22/2019
Toluene	ND	0.32		ppbv	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.32		ppbv	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.32		ppbv	1	2/22/2019
Trichloroethene	ND	0.32		ppbv	1	2/22/2019
Trichlorofluoromethane	1.0	0.32		ppbv	1	2/22/2019
Vinyl acetate	ND	3.2		ppbv	1	2/22/2019
Vinyl chloride	ND	0.32		ppbv	1	2/22/2019
Xylenes, Total	ND	0.96		ppbv	1	2/22/2019
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.0017		mg/m³	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.0022		mg/m³	1	2/22/2019
1,1,2-Trichloroethane	ND	0.0017		mg/m³	1	2/22/2019
1,1-Dichloroethane	ND	0.0013		mg/m³	1	2/22/2019
1,1-Dichloroethene	ND	0.0013		mg/m³	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.0024		mg/m³	1	2/22/2019
1,2,4-Trimethylbenzene	ND	0.0016		mg/m³	1	2/22/2019
1,2-Dibromoethane	ND	0.0025		mg/m³	1	2/22/2019
1,2-Dichlorobenzene	ND	0.0019		mg/m³	1	2/22/2019
1,2-Dichloroethane	ND	0.0013		mg/m³	1	2/22/2019
1,2-Dichloropropane	ND	0.0015		mg/m³	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.0016		mg/m³	1	2/22/2019
1,3-Butadiene	ND	0.00071		mg/m³	1	2/22/2019

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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-005

Client Sample ID: MVOC-1: Can#60308
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,3-Dichlorobenzene	ND	0.0019		mg/m³	1	2/22/2019
1,4-Dichlorobenzene	ND	0.0019		mg/m³	1	2/22/2019
1,4-Dioxane	ND	0.0029		mg/m³	1	2/22/2019
2-Butanone	ND	0.0024		mg/m³	1	2/22/2019
2-Hexanone	ND	0.0065		mg/m³	1	2/22/2019
4-Ethyltoluene	ND	0.0016		mg/m³	1	2/22/2019
4-Methyl-2-pentanone	ND	0.0065		mg/m³	1	2/22/2019
Acetone	0.046	0.0076	*	mg/m³	1	2/22/2019
Benzene	ND	0.0010		mg/m³	1	2/22/2019
Benzyl chloride	ND	0.0041		mg/m³	1	2/22/2019
Bromodichloromethane	ND	0.0021		mg/m³	1	2/22/2019
Bromoform	ND	0.0082		mg/m³	1	2/22/2019
Bromomethane	ND	0.0031		mg/m³	1	2/22/2019
Carbon disulfide	ND	0.00099		mg/m³	1	2/22/2019
Carbon tetrachloride	ND	0.0020		mg/m³	1	2/22/2019
Chlorobenzene	ND	0.0015		mg/m³	1	2/22/2019
Chloroethane	ND	0.00084		mg/m³	1	2/22/2019
Chloroform	ND	0.0016		mg/m³	1	2/22/2019
Chloromethane	0.0016	0.0016		mg/m³	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.0013		mg/m³	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.0014		mg/m³	1	2/22/2019
Cyclohexane	ND	0.0011		mg/m³	1	2/22/2019
Dibromochloromethane	ND	0.0027		mg/m³	1	2/22/2019
Dichlorodifluoromethane	0.0028	0.0016		mg/m³	1	2/22/2019
Ethyl acetate	ND	0.0029		mg/m³	1	2/22/2019
Ethylbenzene	ND	0.0014		mg/m³	1	2/22/2019
Freon-113	ND	0.0024		mg/m³	1	2/22/2019
Freon-114	ND	0.011		mg/m³	1	2/22/2019
Heptane	ND	0.0013		mg/m³	1	2/22/2019
Hexachlorobutadiene	ND	0.0034		mg/m³	1	2/22/2019
Hexane	ND	0.0028		mg/m³	1	2/22/2019
Isopropyl Alcohol	0.069	0.0039		mg/m³	1	2/22/2019
m,p-Xylene	ND	0.0028		mg/m³	1	2/22/2019
Methyl tert-butyl ether	ND	0.0012		mg/m³	1	2/22/2019
Methylene chloride	ND	0.011		mg/m³	1	2/22/2019
Naphthalene	ND	0.0017		mg/m³	1	2/22/2019
o-Xylene	ND	0.0014		mg/m³	1	2/22/2019
Propene	ND	0.0055		mg/m³	1	2/22/2019

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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-005

Client Sample ID: MVOC-1: Can#60308
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
Styrene	ND	0.0014		mg/m³	1	2/22/2019
Tetrachloroethene	ND	0.0022		mg/m³	1	2/22/2019
Tetrahydrofuran	ND	0.0024		mg/m³	1	2/22/2019
Toluene	0.0012	0.0012		mg/m³	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.0013		mg/m³	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.0014		mg/m³	1	2/22/2019
Trichloroethene	ND	0.0017		mg/m³	1	2/22/2019
Trichlorofluoromethane	0.0058	0.0018		mg/m³	1	2/22/2019
Vinyl acetate	ND	0.011		mg/m³	1	2/22/2019
Vinyl chloride	ND	0.00082		mg/m³	1	2/22/2019
Xylenes, Total	ND	0.0042		mg/m³	1	2/22/2019

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Date Reported: February 28, 2019
Date Printed: February 28, 2019

Client:	Environmental Group Services, Ltd.	**Client Sample ID:**	MVOC-1: Can#60308
Lab Order:	19020577	**Collection Date:**	########
Project:	1901123-1901124, Kelvin - Milne	**Matrix:**	Air
Lab ID:	19020577-005A		

Analyses	TO-15 TICS	**µg/m³**	**ppbv**	**Qualifier**	**DF**	**Date Analyzed**
Tentatively Identified Compounds (TICS)						
Acetaldehyde		19.8	11.0	Z*	1	2/22/2019
1-Propene, 2-methyl-		11.3	4.9	Z*	1	2/22/2019
Butane		3.8	1.6	Z*	1	2/22/2019
Ethanol		432.6	229.9	Z*	1	2/22/2019
2-Fluoropropene		2.4	1.0	Z*	1	2/22/2019
1-Butanol		2.7	0.9	Z*	1	2/22/2019
Hexanal		1.5	0.4	Z*	1	2/22/2019
1,4-Cyclohexadiene, 3-ethenyl-1,2-dimethyl-		0.8	0.2	Z*	1	2/22/2019
D-Limonene		3.7	0.7	Z*	1	2/22/2019
Benzaldehyde, 2,5-bis[(trimethylsilyl)oxy]-		13.0	1.1	Z*	1	2/22/2019

Qualifiers:

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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-006

Client Sample ID: MVOC-2: Can#60346
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.41		ppbv	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.41		ppbv	1	2/22/2019
1,1,2-Trichloroethane	ND	0.41		ppbv	1	2/22/2019
1,1-Dichloroethane	ND	0.41		ppbv	1	2/22/2019
1,1-Dichloroethene	ND	0.41		ppbv	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.41		ppbv	1	2/22/2019
1,2,4-Trimethylbenzene	ND	0.41		ppbv	1	2/22/2019
1,2-Dibromoethane	ND	0.41		ppbv	1	2/22/2019
1,2-Dichlorobenzene	ND	0.41		ppbv	1	2/22/2019
1,2-Dichloroethane	ND	0.41		ppbv	1	2/22/2019
1,2-Dichloropropane	ND	0.41		ppbv	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.41		ppbv	1	2/22/2019
1,3-Butadiene	ND	0.41		ppbv	1	2/22/2019
1,3-Dichlorobenzene	ND	0.41		ppbv	1	2/22/2019
1,4-Dichlorobenzene	ND	0.41		ppbv	1	2/22/2019
1,4-Dioxane	ND	1.0		ppbv	1	2/22/2019
2-Butanone	ND	1.0		ppbv	1	2/22/2019
2-Hexanone	ND	2.1		ppbv	1	2/22/2019
4-Ethyltoluene	ND	0.41		ppbv	1	2/22/2019
4-Methyl-2-pentanone	ND	2.1		ppbv	1	2/22/2019
Acetone	11	4.1	*	ppbv	1	2/22/2019
Benzene	ND	0.41		ppbv	1	2/22/2019
Benzyl chloride	ND	1.0		ppbv	1	2/22/2019
Bromodichloromethane	ND	0.41		ppbv	1	2/22/2019
Bromoform	ND	1.0		ppbv	1	2/22/2019
Bromomethane	ND	1.0		ppbv	1	2/22/2019
Carbon disulfide	ND	0.41		ppbv	1	2/22/2019
Carbon tetrachloride	ND	0.41		ppbv	1	2/22/2019
Chlorobenzene	ND	0.41		ppbv	1	2/22/2019
Chloroethane	ND	0.41		ppbv	1	2/22/2019
Chloroform	ND	0.41		ppbv	1	2/22/2019
Chloromethane	ND	1.0		ppbv	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.41		ppbv	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.41		ppbv	1	2/22/2019
Cyclohexane	ND	0.41		ppbv	1	2/22/2019
Dibromochloromethane	ND	0.41		ppbv	1	2/22/2019
Dichlorodifluoromethane	0.53	0.41		ppbv	1	2/22/2019
Ethyl acetate	ND	1.0		ppbv	1	2/22/2019

Qualifiers:
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J - Analyte detected below quantitation limits
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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-006

Client Sample ID: MVOC-2: Can#60346
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
Ethylbenzene	ND	0.41		ppbv	1	2/22/2019
Freon-113	ND	0.41		ppbv	1	2/22/2019
Freon-114	ND	2.1		ppbv	1	2/22/2019
Heptane	ND	0.41		ppbv	1	2/22/2019
Hexachlorobutadiene	ND	0.41		ppbv	1	2/22/2019
Hexane	ND	1.0		ppbv	1	2/22/2019
Isopropyl Alcohol	24	2.1		ppbv	1	2/22/2019
m,p-Xylene	ND	0.82		ppbv	1	2/22/2019
Methyl tert-butyl ether	ND	0.41		ppbv	1	2/22/2019
Methylene chloride	ND	4.1		ppbv	1	2/22/2019
Naphthalene	ND	0.41		ppbv	1	2/22/2019
o-Xylene	ND	0.41		ppbv	1	2/22/2019
Propene	ND	4.1		ppbv	1	2/22/2019
Styrene	ND	0.41		ppbv	1	2/22/2019
Tetrachloroethene	ND	0.41		ppbv	1	2/22/2019
Tetrahydrofuran	ND	1.0		ppbv	1	2/22/2019
Toluene	ND	0.41		ppbv	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.41		ppbv	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.41		ppbv	1	2/22/2019
Trichloroethene	ND	0.41		ppbv	1	2/22/2019
Trichlorofluoromethane	ND	0.41		ppbv	1	2/22/2019
Vinyl acetate	ND	4.1		ppbv	1	2/22/2019
Vinyl chloride	ND	0.41		ppbv	1	2/22/2019
Xylenes, Total	ND	1.2		ppbv	1	2/22/2019
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.0022		mg/m³	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.0028		mg/m³	1	2/22/2019
1,1,2-Trichloroethane	ND	0.0022		mg/m³	1	2/22/2019
1,1-Dichloroethane	ND	0.0017		mg/m³	1	2/22/2019
1,1-Dichloroethene	ND	0.0016		mg/m³	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.0031		mg/m³	1	2/22/2019
1,2,4-Trimethylbenzene	ND	0.0020		mg/m³	1	2/22/2019
1,2-Dibromoethane	ND	0.0032		mg/m³	1	2/22/2019
1,2-Dichlorobenzene	ND	0.0025		mg/m³	1	2/22/2019
1,2-Dichloroethane	ND	0.0017		mg/m³	1	2/22/2019
1,2-Dichloropropane	ND	0.0019		mg/m³	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.0020		mg/m³	1	2/22/2019
1,3-Butadiene	ND	0.00091		mg/m³	1	2/22/2019

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
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R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-006

Client Sample ID: MVOC-2: Can#60346
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,3-Dichlorobenzene	ND	0.0025		mg/m³	1	2/22/2019
1,4-Dichlorobenzene	ND	0.0025		mg/m³	1	2/22/2019
1,4-Dioxane	ND	0.0037		mg/m³	1	2/22/2019
2-Butanone	ND	0.0030		mg/m³	1	2/22/2019
2-Hexanone	ND	0.0084		mg/m³	1	2/22/2019
4-Ethyltoluene	ND	0.0020		mg/m³	1	2/22/2019
4-Methyl-2-pentanone	ND	0.0084		mg/m³	1	2/22/2019
Acetone	0.027	0.0098	*	mg/m³	1	2/22/2019
Benzene	ND	0.0013		mg/m³	1	2/22/2019
Benzyl chloride	ND	0.0053		mg/m³	1	2/22/2019
Bromodichloromethane	ND	0.0028		mg/m³	1	2/22/2019
Bromoform	ND	0.011		mg/m³	1	2/22/2019
Bromomethane	ND	0.0040		mg/m³	1	2/22/2019
Carbon disulfide	ND	0.0013		mg/m³	1	2/22/2019
Carbon tetrachloride	ND	0.0026		mg/m³	1	2/22/2019
Chlorobenzene	ND	0.0019		mg/m³	1	2/22/2019
Chloroethane	ND	0.0011		mg/m³	1	2/22/2019
Chloroform	ND	0.0020		mg/m³	1	2/22/2019
Chloromethane	ND	0.0021		mg/m³	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.0016		mg/m³	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.0019		mg/m³	1	2/22/2019
Cyclohexane	ND	0.0014		mg/m³	1	2/22/2019
Dibromochloromethane	ND	0.0035		mg/m³	1	2/22/2019
Dichlorodifluoromethane	0.0026	0.0020		mg/m³	1	2/22/2019
Ethyl acetate	ND	0.0037		mg/m³	1	2/22/2019
Ethylbenzene	ND	0.0018		mg/m³	1	2/22/2019
Freon-113	ND	0.0032		mg/m³	1	2/22/2019
Freon-114	ND	0.014		mg/m³	1	2/22/2019
Heptane	ND	0.0017		mg/m³	1	2/22/2019
Hexachlorobutadiene	ND	0.0044		mg/m³	1	2/22/2019
Hexane	ND	0.0036		mg/m³	1	2/22/2019
Isopropyl Alcohol	0.059	0.0051		mg/m³	1	2/22/2019
m,p-Xylene	ND	0.0036		mg/m³	1	2/22/2019
Methyl tert-butyl ether	ND	0.0015		mg/m³	1	2/22/2019
Methylene chloride	ND	0.014		mg/m³	1	2/22/2019
Naphthalene	ND	0.0022		mg/m³	1	2/22/2019
o-Xylene	ND	0.0018		mg/m³	1	2/22/2019
Propene	ND	0.0071		mg/m³	1	2/22/2019

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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-006

Client Sample ID: MVOC-2: Can#60346
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
Styrene	ND	0.0018		mg/m³	1	2/22/2019
Tetrachloroethene	ND	0.0028		mg/m³	1	2/22/2019
Tetrahydrofuran	ND	0.0030		mg/m³	1	2/22/2019
Toluene	ND	0.0015		mg/m³	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.0016		mg/m³	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.0019		mg/m³	1	2/22/2019
Trichloroethene	ND	0.0022		mg/m³	1	2/22/2019
Trichlorofluoromethane	ND	0.0023		mg/m³	1	2/22/2019
Vinyl acetate	ND	0.014		mg/m³	1	2/22/2019
Vinyl chloride	ND	0.0011		mg/m³	1	2/22/2019
Xylenes, Total	ND	0.0054		mg/m³	1	2/22/2019

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Date Reported: February 28, 2019
Date Printed: February 28, 2019

Client:	Environmental Group Services, Ltd.	**Client Sample ID:**	MVOC-2: Can#60346
Lab Order:	19020577	**Collection Date:**	########
Project:	1901123-1901124, Kelvin - Milne	**Matrix:**	Air
Lab ID:	19020577-006A		

Analyses	TO-15 TICS	**µg/m³**	**ppbv**	**Qualifier**	**DF**	**Date Analyzed**
Tentatively Identified Compounds (TICS)						
Propane		16.5	9.2	Z*	1	2/22/2019
1-Propene, 2-methyl-		15.9	6.9	Z*	1	2/22/2019
Butane		4.3	1.8	Z*	1	2/22/2019
Ethanol		266.0	141.4	Z*	1	2/22/2019
1-Butanol		2.7	0.9	Z*	1	2/22/2019
1-Butanol, 2-methyl-		1.0	0.3	Z*	1	2/22/2019
D-Limonene		26.9	4.8	Z*	1	2/22/2019

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Date Reported: February 28, 2019
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ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-007

Client Sample ID: MVOC-3: Can#60603
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.34		ppbv	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.34		ppbv	1	2/22/2019
1,1,2-Trichloroethane	ND	0.34		ppbv	1	2/22/2019
1,1-Dichloroethane	ND	0.34		ppbv	1	2/22/2019
1,1-Dichloroethene	ND	0.34		ppbv	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.34		ppbv	1	2/22/2019
1,2,4-Trimethylbenzene	ND	0.34		ppbv	1	2/22/2019
1,2-Dibromoethane	ND	0.34		ppbv	1	2/22/2019
1,2-Dichlorobenzene	ND	0.34		ppbv	1	2/22/2019
1,2-Dichloroethane	ND	0.34		ppbv	1	2/22/2019
1,2-Dichloropropane	ND	0.34		ppbv	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.34		ppbv	1	2/22/2019
1,3-Butadiene	ND	0.34		ppbv	1	2/22/2019
1,3-Dichlorobenzene	ND	0.34		ppbv	1	2/22/2019
1,4-Dichlorobenzene	ND	0.34		ppbv	1	2/22/2019
1,4-Dioxane	ND	0.86		ppbv	1	2/22/2019
2-Butanone	ND	0.86		ppbv	1	2/22/2019
2-Hexanone	ND	1.7		ppbv	1	2/22/2019
4-Ethyltoluene	ND	0.34		ppbv	1	2/22/2019
4-Methyl-2-pentanone	ND	1.7		ppbv	1	2/22/2019
Acetone	13	3.4	*	ppbv	1	2/22/2019
Benzene	ND	0.34		ppbv	1	2/22/2019
Benzyl chloride	ND	0.86		ppbv	1	2/22/2019
Bromodichloromethane	ND	0.34		ppbv	1	2/22/2019
Bromoform	ND	0.86		ppbv	1	2/22/2019
Bromomethane	ND	0.86		ppbv	1	2/22/2019
Carbon disulfide	ND	0.34		ppbv	1	2/22/2019
Carbon tetrachloride	ND	0.34		ppbv	1	2/22/2019
Chlorobenzene	ND	0.34		ppbv	1	2/22/2019
Chloroethane	ND	0.34		ppbv	1	2/22/2019
Chloroform	ND	0.34		ppbv	1	2/22/2019
Chloromethane	ND	0.86		ppbv	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.34		ppbv	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.34		ppbv	1	2/22/2019
Cyclohexane	ND	0.34		ppbv	1	2/22/2019
Dibromochloromethane	ND	0.34		ppbv	1	2/22/2019
Dichlorodifluoromethane	0.48	0.34		ppbv	1	2/22/2019
Ethyl acetate	ND	0.86		ppbv	1	2/22/2019

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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-007

Client Sample ID: MVOC-3: Can#60603
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
Ethylbenzene	ND	0.34		ppbv	1	2/22/2019
Freon-113	ND	0.34		ppbv	1	2/22/2019
Freon-114	ND	1.7		ppbv	1	2/22/2019
Heptane	0.53	0.34		ppbv	1	2/22/2019
Hexachlorobutadiene	ND	0.34		ppbv	1	2/22/2019
Hexane	ND	0.86		ppbv	1	2/22/2019
Isopropyl Alcohol	35	1.7		ppbv	1	2/22/2019
m,p-Xylene	ND	0.69		ppbv	1	2/22/2019
Methyl tert-butyl ether	ND	0.34		ppbv	1	2/22/2019
Methylene chloride	ND	3.4		ppbv	1	2/22/2019
Naphthalene	ND	0.34		ppbv	1	2/22/2019
o-Xylene	ND	0.34		ppbv	1	2/22/2019
Propene	ND	3.4		ppbv	1	2/22/2019
Styrene	ND	0.34		ppbv	1	2/22/2019
Tetrachloroethene	ND	0.34		ppbv	1	2/22/2019
Tetrahydrofuran	ND	0.86		ppbv	1	2/22/2019
Toluene	0.34	0.34		ppbv	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.34		ppbv	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.34		ppbv	1	2/22/2019
Trichloroethene	ND	0.34		ppbv	1	2/22/2019
Trichlorofluoromethane	ND	0.34		ppbv	1	2/22/2019
Vinyl acetate	ND	3.4		ppbv	1	2/22/2019
Vinyl chloride	ND	0.34		ppbv	1	2/22/2019
Xylenes, Total	ND	1.0		ppbv	1	2/22/2019
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.0019		mg/m³	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.0024		mg/m³	1	2/22/2019
1,1,2-Trichloroethane	ND	0.0019		mg/m³	1	2/22/2019
1,1-Dichloroethane	ND	0.0014		mg/m³	1	2/22/2019
1,1-Dichloroethene	ND	0.0014		mg/m³	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.0025		mg/m³	1	2/22/2019
1,2,4-Trimethylbenzene	ND	0.0017		mg/m³	1	2/22/2019
1,2-Dibromoethane	ND	0.0026		mg/m³	1	2/22/2019
1,2-Dichlorobenzene	ND	0.0021		mg/m³	1	2/22/2019
1,2-Dichloroethane	ND	0.0014		mg/m³	1	2/22/2019
1,2-Dichloropropane	ND	0.0016		mg/m³	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.0017		mg/m³	1	2/22/2019
1,3-Butadiene	ND	0.00076		mg/m³	1	2/22/2019

Qualifiers:
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Date Reported: February 28, 2019
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ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-007

Client Sample ID: MVOC-3: Can#60603
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,3-Dichlorobenzene	ND	0.0021		mg/m³	1	2/22/2019
1,4-Dichlorobenzene	ND	0.0021		mg/m³	1	2/22/2019
1,4-Dioxane	ND	0.0031		mg/m³	1	2/22/2019
2-Butanone	ND	0.0025		mg/m³	1	2/22/2019
2-Hexanone	ND	0.0070		mg/m³	1	2/22/2019
4-Ethyltoluene	ND	0.0017		mg/m³	1	2/22/2019
4-Methyl-2-pentanone	ND	0.0070		mg/m³	1	2/22/2019
Acetone	0.031	0.0082	*	mg/m³	1	2/22/2019
Benzene	ND	0.0011		mg/m³	1	2/22/2019
Benzyl chloride	ND	0.0044		mg/m³	1	2/22/2019
Bromodichloromethane	ND	0.0023		mg/m³	1	2/22/2019
Bromoform	ND	0.0089		mg/m³	1	2/22/2019
Bromomethane	ND	0.0033		mg/m³	1	2/22/2019
Carbon disulfide	ND	0.0011		mg/m³	1	2/22/2019
Carbon tetrachloride	ND	0.0022		mg/m³	1	2/22/2019
Chlorobenzene	ND	0.0016		mg/m³	1	2/22/2019
Chloroethane	ND	0.00091		mg/m³	1	2/22/2019
Chloroform	ND	0.0017		mg/m³	1	2/22/2019
Chloromethane	ND	0.0018		mg/m³	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.0014		mg/m³	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.0016		mg/m³	1	2/22/2019
Cyclohexane	ND	0.0012		mg/m³	1	2/22/2019
Dibromochloromethane	ND	0.0029		mg/m³	1	2/22/2019
Dichlorodifluoromethane	0.0024	0.0017		mg/m³	1	2/22/2019
Ethyl acetate	ND	0.0031		mg/m³	1	2/22/2019
Ethylbenzene	ND	0.0015		mg/m³	1	2/22/2019
Freon-113	ND	0.0026		mg/m³	1	2/22/2019
Freon-114	ND	0.012		mg/m³	1	2/22/2019
Heptane	0.0022	0.0014		mg/m³	1	2/22/2019
Hexachlorobutadiene	ND	0.0037		mg/m³	1	2/22/2019
Hexane	ND	0.0030		mg/m³	1	2/22/2019
Isopropyl Alcohol	0.086	0.0042		mg/m³	1	2/22/2019
m,p-Xylene	ND	0.0030		mg/m³	1	2/22/2019
Methyl tert-butyl ether	ND	0.0012		mg/m³	1	2/22/2019
Methylene chloride	ND	0.012		mg/m³	1	2/22/2019
Naphthalene	ND	0.0018		mg/m³	1	2/22/2019
o-Xylene	ND	0.0015		mg/m³	1	2/22/2019
Propene	ND	0.0059		mg/m³	1	2/22/2019

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-007

Client Sample ID: MVOC-3: Can#60603
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
Styrene	ND	0.0015		mg/m³	1	2/22/2019
Tetrachloroethene	ND	0.0023		mg/m³	1	2/22/2019
Tetrahydrofuran	ND	0.0025		mg/m³	1	2/22/2019
Toluene	ND	0.0013		mg/m³	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.0014		mg/m³	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.0016		mg/m³	1	2/22/2019
Trichloroethene	ND	0.0018		mg/m³	1	2/22/2019
Trichlorofluoromethane	ND	0.0019		mg/m³	1	2/22/2019
Vinyl acetate	ND	0.012		mg/m³	1	2/22/2019
Vinyl chloride	ND	0.00088		mg/m³	1	2/22/2019
Xylenes, Total	ND	0.0045		mg/m³	1	2/22/2019

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation:
2242 W. Harrison, Suite 200, Chicago, Illinois 60612
Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL 300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: February 28, 2019
Date Printed: February 28, 2019

Client:	Environmental Group Services, Ltd.	**Client Sample ID:**	MVOC-3: Can#60603
Lab Order:	19020577	**Collection Date:**	########
Project:	1901123-1901124, Kelvin - Milne	**Matrix:**	Air
Lab ID:	19020577-007A		

Analyses	TO-15 TICS	**µg/m^3**	**ppbv**	**Qualifier**	**DF**	**Date Analyzed**
Tentatively Identified Compounds (TICS)						
Acetaldehyde		20.7	11.5	Z*	1	2/22/2019
1-Propene, 2-methyl-		10.3	4.5	Z*	1	2/22/2019
Butane		6.3	2.6	Z*	1	2/22/2019
Ethanol		414.1	220.1	Z*	1	2/22/2019
3-(Methylthio)-2-butanone		1.6	0.3	Z*	1	2/22/2019
Butanal		3.9	1.3	Z*	1	2/22/2019
1-Butanol		2.5	0.8	Z*	1	2/22/2019
Hexanal		1.3	0.3	Z*	1	2/22/2019
Acetic acid, butyl ester		1.2	0.3	Z*	1	2/22/2019
Octane		1.5	0.3	Z*	1	2/22/2019
Pentane, 2,2-dimethyl-		1.5	0.4	Z*	1	2/22/2019
Octane, 3,5-dimethyl-		1.2	0.2	Z*	1	2/22/2019
Limonene		8.4	1.5	Z*	1	2/22/2019
Decane, 1-fluoro-		0.9	0.1	Z*	1	2/22/2019
Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethylsilyl ester		2.3	0.2	Z*	1	2/22/2019
2,3-Pentanediol, 2,4-dimethyl-		1.2	0.2	Z*	1	2/23/2019

Qualifiers:

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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-008

Client Sample ID: MVOC-4: Can#60326
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.36		ppbv	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.36		ppbv	1	2/22/2019
1,1,2-Trichloroethane	ND	0.36		ppbv	1	2/22/2019
1,1-Dichloroethane	ND	0.36		ppbv	1	2/22/2019
1,1-Dichloroethene	ND	0.36		ppbv	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.36		ppbv	1	2/22/2019
1,2,4-Trimethylbenzene	ND	0.36		ppbv	1	2/22/2019
1,2-Dibromoethane	ND	0.36		ppbv	1	2/22/2019
1,2-Dichlorobenzene	ND	0.36		ppbv	1	2/22/2019
1,2-Dichloroethane	ND	0.36		ppbv	1	2/22/2019
1,2-Dichloropropane	ND	0.36		ppbv	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.36		ppbv	1	2/22/2019
1,3-Butadiene	ND	0.36		ppbv	1	2/22/2019
1,3-Dichlorobenzene	ND	0.36		ppbv	1	2/22/2019
1,4-Dichlorobenzene	ND	0.36		ppbv	1	2/22/2019
1,4-Dioxane	ND	0.91		ppbv	1	2/22/2019
2-Butanone	ND	0.91		ppbv	1	2/22/2019
2-Hexanone	ND	1.8		ppbv	1	2/22/2019
4-Ethyltoluene	ND	0.36		ppbv	1	2/22/2019
4-Methyl-2-pentanone	ND	1.8		ppbv	1	2/22/2019
Acetone	12	3.6	*	ppbv	1	2/22/2019
Benzene	ND	0.36		ppbv	1	2/22/2019
Benzyl chloride	ND	0.91		ppbv	1	2/22/2019
Bromodichloromethane	ND	0.36		ppbv	1	2/22/2019
Bromoform	ND	0.91		ppbv	1	2/22/2019
Bromomethane	ND	0.91		ppbv	1	2/22/2019
Carbon disulfide	ND	0.36		ppbv	1	2/22/2019
Carbon tetrachloride	ND	0.36		ppbv	1	2/22/2019
Chlorobenzene	ND	0.36		ppbv	1	2/22/2019
Chloroethane	ND	0.36		ppbv	1	2/22/2019
Chloroform	ND	0.36		ppbv	1	2/22/2019
Chloromethane	ND	0.91		ppbv	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.36		ppbv	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.36		ppbv	1	2/22/2019
Cyclohexane	ND	0.36		ppbv	1	2/22/2019
Dibromochloromethane	ND	0.36		ppbv	1	2/22/2019
Dichlorodifluoromethane	0.51	0.36		ppbv	1	2/22/2019
Ethyl acetate	ND	0.91		ppbv	1	2/22/2019

Qualifiers:
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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-008

Client Sample ID: MVOC-4: Can#60326
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
Ethylbenzene	ND	0.36		ppbv	1	2/22/2019
Freon-113	ND	0.36		ppbv	1	2/22/2019
Freon-114	ND	1.8		ppbv	1	2/22/2019
Heptane	ND	0.36		ppbv	1	2/22/2019
Hexachlorobutadiene	ND	0.36		ppbv	1	2/22/2019
Hexane	ND	0.91		ppbv	1	2/22/2019
Isopropyl Alcohol	18	1.8		ppbv	1	2/22/2019
m,p-Xylene	ND	0.73		ppbv	1	2/22/2019
Methyl tert-butyl ether	ND	0.36		ppbv	1	2/22/2019
Methylene chloride	ND	3.6		ppbv	1	2/22/2019
Naphthalene	ND	0.36		ppbv	1	2/22/2019
o-Xylene	ND	0.36		ppbv	1	2/22/2019
Propene	ND	3.6		ppbv	1	2/22/2019
Styrene	ND	0.36		ppbv	1	2/22/2019
Tetrachloroethene	ND	0.36		ppbv	1	2/22/2019
Tetrahydrofuran	ND	0.91		ppbv	1	2/22/2019
Toluene	ND	0.36		ppbv	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.36		ppbv	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.36		ppbv	1	2/22/2019
Trichloroethene	ND	0.36		ppbv	1	2/22/2019
Trichlorofluoromethane	ND	0.36		ppbv	1	2/22/2019
Vinyl acetate	ND	3.6		ppbv	1	2/22/2019
Vinyl chloride	ND	0.36		ppbv	1	2/22/2019
Xylenes, Total	ND	1.1		ppbv	1	2/22/2019
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
1,1,1-Trichloroethane	ND	0.0020		mg/m³	1	2/22/2019
1,1,2,2-Tetrachloroethane	ND	0.0025		mg/m³	1	2/22/2019
1,1,2-Trichloroethane	ND	0.0020		mg/m³	1	2/22/2019
1,1-Dichloroethane	ND	0.0015		mg/m³	1	2/22/2019
1,1-Dichloroethene	ND	0.0014		mg/m³	1	2/22/2019
1,2,4-Trichlorobenzene	ND	0.0027		mg/m³	1	2/22/2019
1,2,4-Trimethylbenzene	ND	0.0018		mg/m³	1	2/22/2019
1,2-Dibromoethane	ND	0.0028		mg/m³	1	2/22/2019
1,2-Dichlorobenzene	ND	0.0022		mg/m³	1	2/22/2019
1,2-Dichloroethane	ND	0.0015		mg/m³	1	2/22/2019
1,2-Dichloropropane	ND	0.0017		mg/m³	1	2/22/2019
1,3,5-Trimethylbenzene	ND	0.0018		mg/m³	1	2/22/2019
1,3-Butadiene	ND	0.00081		mg/m³	1	2/22/2019

Qualifiers:
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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-008

Client Sample ID: MVOC-4: Can#60326
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**	Analyst: **MAS**	
1,3-Dichlorobenzene	ND	0.0022		mg/m³	1	2/22/2019
1,4-Dichlorobenzene	ND	0.0022		mg/m³	1	2/22/2019
1,4-Dioxane	ND	0.0033		mg/m³	1	2/22/2019
2-Butanone	ND	0.0027		mg/m³	1	2/22/2019
2-Hexanone	ND	0.0075		mg/m³	1	2/22/2019
4-Ethyltoluene	ND	0.0018		mg/m³	1	2/22/2019
4-Methyl-2-pentanone	ND	0.0075		mg/m³	1	2/22/2019
Acetone	0.029	0.0086	*	mg/m³	1	2/22/2019
Benzene	ND	0.0012		mg/m³	1	2/22/2019
Benzyl chloride	ND	0.0047		mg/m³	1	2/22/2019
Bromodichloromethane	ND	0.0024		mg/m³	1	2/22/2019
Bromoform	ND	0.0094		mg/m³	1	2/22/2019
Bromomethane	ND	0.0035		mg/m³	1	2/22/2019
Carbon disulfide	ND	0.0011		mg/m³	1	2/22/2019
Carbon tetrachloride	ND	0.0023		mg/m³	1	2/22/2019
Chlorobenzene	ND	0.0017		mg/m³	1	2/22/2019
Chloroethane	ND	0.00096		mg/m³	1	2/22/2019
Chloroform	ND	0.0018		mg/m³	1	2/22/2019
Chloromethane	ND	0.0019		mg/m³	1	2/22/2019
cis-1,2-Dichloroethene	ND	0.0014		mg/m³	1	2/22/2019
cis-1,3-Dichloropropene	ND	0.0017		mg/m³	1	2/22/2019
Cyclohexane	ND	0.0013		mg/m³	1	2/22/2019
Dibromochloromethane	ND	0.0031		mg/m³	1	2/22/2019
Dichlorodifluoromethane	0.0025	0.0018		mg/m³	1	2/22/2019
Ethyl acetate	ND	0.0033		mg/m³	1	2/22/2019
Ethylbenzene	ND	0.0016		mg/m³	1	2/22/2019
Freon-113	ND	0.0028		mg/m³	1	2/22/2019
Freon-114	ND	0.013		mg/m³	1	2/22/2019
Heptane	ND	0.0015		mg/m³	1	2/22/2019
Hexachlorobutadiene	ND	0.0039		mg/m³	1	2/22/2019
Hexane	ND	0.0032		mg/m³	1	2/22/2019
Isopropyl Alcohol	0.045	0.0045		mg/m³	1	2/22/2019
m,p-Xylene	ND	0.0032		mg/m³	1	2/22/2019
Methyl tert-butyl ether	ND	0.0013		mg/m³	1	2/22/2019
Methylene chloride	ND	0.013		mg/m³	1	2/22/2019
Naphthalene	ND	0.0019		mg/m³	1	2/22/2019
o-Xylene	ND	0.0016		mg/m³	1	2/22/2019
Propene	ND	0.0063		mg/m³	1	2/22/2019

Qualifiers:
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Date Reported: February 28, 2019
Date Printed: February 28, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.
Work Order: 19020577 Revision 0
Project: 1901123-1901124, Kelvin - Milne
Lab ID: 19020577-008

Client Sample ID: MVOC-4: Can#60326
Collection Date: 2/20/2019 4:30:00 PM
Matrix: Air

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS TO-15				Prep Date: **2/22/2019**		Analyst: **MAS**
Styrene	ND	0.0016		mg/m³	1	2/22/2019
Tetrachloroethene	ND	0.0025		mg/m³	1	2/22/2019
Tetrahydrofuran	ND	0.0027		mg/m³	1	2/22/2019
Toluene	ND	0.0014		mg/m³	1	2/22/2019
trans-1,2-Dichloroethene	ND	0.0014		mg/m³	1	2/22/2019
trans-1,3-Dichloropropene	ND	0.0017		mg/m³	1	2/22/2019
Trichloroethene	ND	0.0020		mg/m³	1	2/22/2019
Trichlorofluoromethane	ND	0.0020		mg/m³	1	2/22/2019
Vinyl acetate	ND	0.013		mg/m³	1	2/22/2019
Vinyl chloride	ND	0.00093		mg/m³	1	2/22/2019
Xylenes, Total	ND	0.0047		mg/m³	1	2/22/2019

Qualifiers:
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL 300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: February 28, 2019
Date Printed: February 28, 2019

Client:	Environmental Group Services, Ltd.	**Client Sample ID:**	MVOC-4: Can#60326
Lab Order:	19020577	**Collection Date:**	########
Project:	1901123-1901124, Kelvin - Milne	**Matrix:**	Air
Lab ID:	19020577-008A		

Analyses	TO-15 TICS	**µg/m^3**	**ppbv**	**Qualifier**	**DF**	**Date Analyzed**
Tentatively Identified Compounds (TICS)						
Acetaldehyde		23.2	12.9	Z*	1	2/22/2019
1-Propene, 2-methyl-		11.0	4.8	Z*	1	2/22/2019
Butane		3.9	1.6	Z*	1	2/22/2019
Ethanol		454.7	241.7	Z*	1	2/22/2019
2-Fluoropropene		3.7	1.5	Z*	1	2/22/2019
Butanal		2.2	0.8	Z*	1	2/22/2019
Acetic acid, butyl ester		1.8	0.4	Z*	1	2/22/2019
D-Limonene		15.0	2.7	Z*	1	2/22/2019
Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethylsilyl ester		2.5	0.2	Z*	1	2/22/2019

Qualifiers:	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quanititation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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e-mail address: STATinfo@STATAnalysis.com

CHAIN OF CUSTODY RECORD **Nº: 918833** Page: 1 of 1

Company: EGSL
Project Number: 1901123 - 1901124 Client Tracking No.:
Project Name: Kelvin - Milne
Project Location:
Sampler(s):
Report To: Michelle Buoniak Phone:
cc: maddi@egsl.com Fax:
QC Level: 1 ___ 2 ___ 3 ___ 4 ___ e-mail:

Quote No.:
P.O. No.:
Turn Around Time (Days): 1 2 3 4 (5 - 7) 10
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	VOC's + TICs	Additional Information:	Lab No.:
KVOC-1: Can# 60352	2/20/19	16:30	Gas				1	X	8 hour regs.	001
KVOC-2: Can# 60226										~~002~~ 002
KVOC-3: Can# 60238										~~003~~ 003
KVOC-4: Can# 60275										~~004~~ 004
MVOC-1: Can# 60308										005
MVOC-2: Can# 60346										006
MVOC-3: Can# 60303										007
MVOC-4: Can# 60326										008

Relinquished by: (Signature) Date/Time: 2/21/19 10:00
Received by: (Signature) Date/Time: 2/21/19 1047
Relinquished by: (Signature) Date/Time: 2/21/19 1107
Received by: (Signature) Date/Time: 2/21/19 11:09
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:

Comments: Please report in µg/m³ and ppb

Preservation Code: A = None B = HNO_3 C = NaOH D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: L1902057 7

Received on Ice: Yes ☐ No ☑
Temperature: Ambient °C

STAT Analysis Corporation

Sample Receipt Checklist

Client Name EGSL

Date and Time Received: 2/21/2019 11:09:00 AM

Work Order Number 19020577

Received by: CHB

Checklist completed by: _____ 2/21/19
Signature | Date

Reviewed by: A. L 2/25/19
Initials | Date

Matrix:

Carrier name STAT Analysis

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels/containers?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature Ambient °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☐	No ☐
Water - Samples pH checked?	Yes ☐	No ☐	Checked by: _____
Water - Samples properly preserved?	Yes ☐	No ☐	pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Client / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____