# APPENDIX D

## Laboratory Analytical Reports

1. Particulate Matter / Trace Metals
2. Hazardous Air Pollutants (HAP)
3. Metals Audit Results

# D1. Particulate Matter / Trace Metals

Maxxam
A Bureau Veritas Group Company

Your Project #: 15-098
Site Location: WTE RECYCLING

**Attention:Anthony Stratton**

Eastmount Environmental Services
2 New Pasture Road
Unit 5
Newburyport, MA
USA 1950

**Report Date: 2015/12/18**
**Report #: R3812338**
**Version: 1 - Final**

# CERTIFICATE OF ANALYSIS

**MAXXAM JOB #: B5O5435**
**Received: 2015/11/26, 07:50**

Sample Matrix: Stack Sampling Train
# Samples Received: 32

| Analyses | Quantity | Date Extracted | Date Analyzed | Laboratory Method | Reference |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | 8 | 2015/12/09 | 2015/12/10 | BRL SOP-00104 | EPA M29/M0060 m |
| Mercury 3C in HCl Rinse | 20 | 2015/12/11 | 2015/12/17 | BRL SOP-00104 | EPA M29/M0060 m |
| Mercury 2B in HNO3/H2O2 Imp. | 8 | 2015/12/01 | 2015/12/09 | BRL SOP-00104 | EPA M29/M0060 m |
| Mercury 2B in HNO3/H2O2 Imp. | 20 | 2015/12/01 | 2015/12/16 | BRL SOP-00104 | EPA M29/M0060 m |
| Mercury 3A in HNO3 Rinse | 20 | 2015/12/02 | 2015/12/17 | BRL SOP-00104 | EPA M29/M0060 m |
| Mercury 3A in HNO3 Rinse | 8 | 2015/12/07 | 2015/12/14 | BRL SOP-00104 | EPA M29/M0060 m |
| Mercury 3B in KMnO4/H2SO4 Imp. | 8 | 2015/12/07 | 2015/12/14 | BRL SOP-00104 | EPA M29/M0060 m |
| Mercury 3B in KMnO4/H2SO4 Imp. | 20 | 2015/12/08 | 2015/12/17 | BRL SOP-00104 | EPA M29/M0060 m |
| Mercury in Water (7470A) | 1 | 2015/12/07 | 2015/12/14 | BRL SOP-00104 | EPA 7470A m |
| Mercury 1B in Filter + Rinse (M29) | 9 | 2015/12/11 | 2015/12/16 | BRL SOP-00104 | EPA 29 m |
| Mercury 1B in Filter + Rinse (M29) | 20 | 2015/12/11 | 2015/12/17 | BRL SOP-00104 | EPA 29 m |
| Metals in Combined Train (6020A) | 20 | 2015/12/11 | 2015/12/12 | BRL SOP-00103/ BRL SOP-00102 | EPA M29/CARB 436 m |
| Metals in Combined Train (6020A) | 8 | 2015/12/11 | 2015/12/15 | BRL SOP-00103/ BRL SOP-00102 | EPA M29/CARB 436 m |
| Metals F.H. in Filter + Rinses (6020A) | 1 | 2015/12/11 | 2015/12/11 | BRL SOP-00103/ BRL SOP-00102 | EPA M29/CARB 436 m |
| Metals in Liquid by ICP/MS (6020A) | 1 | 2015/12/11 | 2015/12/12 | BRL SOP-00103 | EPA 3010A/6020A m |
| Particulates/Acetone Rinse (M5/315/M201) | 28 | 2015/12/02 | 2015/12/07 | BRL SOP-00109 | EPA 5/315 m |
| Particulates/Filter (M5/315/NJATM1/M201) | 28 | N/A | 2015/12/04 | BRL SOP-00109 | EPA 5/315/NJATM1 m |
| Final Volume of Acetone Probe Rinse | 28 | N/A | 2015/12/02 | BRL SOP-00109 | |

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.



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Your Project #: 15-098
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**Attention:Anthony Stratton**

Eastmount Environmental Services
2 New Pasture Road
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Newburyport, MA
USA 1950

**Report Date: 2015/12/18**
Report #: R3812338
Version: 1 - Final

# CERTIFICATE OF ANALYSIS

**MAXXAM JOB #: B5O5435**
**Received: 2015/11/26, 07:50**

Encryption Key

Tarifur Rahman
18 Dec 2015 12:41:31 -05:00

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Tarifur Rahman, Project Manager - Air Toxics, Source Evaluation
Email: TRahman@maxxam.ca
Phone# (905) 817-5700

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Maxxam Job #: B5O5435
Report Date: 2015/12/18

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING

## EPA M29 METALS (COMBINED TRAIN)

| Maxxam ID | | BLB000 | | BLB004 | BLB004 | BLB005 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | | 2015/11/18 | 2015/11/18 | 2015/11/18 | | | |
| | UNITS | M29-BLANK | MDL | M29-AUTO-C1-R1 | M29-AUTO-C1-R1 Lab-Dup | M29-AUTO-C1-R2 | MDL | QC Batch | RDL |
| Combined Train Beryllium (Be) | ug | <0.10 | 0.040 | <0.20 | <0.20 | <0.20 | 0.080 | 4309663 | 0.10 |
| Combined Train Cadmium (Cd) | ug | <0.10 | 0.040 | 2.30 | 2.23 | 2.83 | 0.080 | 4309663 | 0.10 |
| Combined Train Lead (Pb) | ug | 0.92 | 0.040 | 14.7 | 14.6 | 11.1 | 0.080 | 4309663 | 0.20 |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate

| Maxxam ID | | BLB006 | BLB049 | BLB050 | BLB051 | | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | 2015/11/18 | 2015/11/18 | 2015/11/19 | | | |
| | UNITS | M29-AUTO-C1-R4 | M29-AUTO-C2-R1 | M29-AUTO-C2-R2 | M29-AUTO-C2-R4 | MDL | QC Batch | RDL |
| Combined Train Beryllium (Be) | ug | <0.20 | <0.20 | <0.20 | <0.20 | 0.080 | 4309663 | 0.10 |
| Combined Train Cadmium (Cd) | ug | 1.73 | 3.00 | 0.95 | 2.60 | 0.080 | 4309663 | 0.10 |
| Combined Train Lead (Pb) | ug | 3.40 | 21.8 | 19.9 | 60.3 | 0.080 | 4309663 | 0.20 |

QC Batch = Quality Control Batch

| Maxxam ID | | BLB052 | BLB053 | BLB054 | BLB055 | | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | 2015/11/18 | 2015/11/19 | 2015/11/19 | | | |
| | UNITS | M29-AUTO-C3-R1 | M29-AUTO-C3-R2 | M29-AUTO-C3-R4 | M29-MUNI-C1-R1 | MDL | QC Batch | RDL |
| Combined Train Beryllium (Be) | ug | <0.20 | <0.20 | <0.20 | <0.20 | 0.080 | 4309663 | 0.10 |
| Combined Train Cadmium (Cd) | ug | 1.96 | 0.74 | 1.80 | 2.29 | 0.080 | 4309663 | 0.10 |
| Combined Train Lead (Pb) | ug | 20.5 | 12.2 | 52.9 | 2.57 | 0.080 | 4309663 | 0.20 |

QC Batch = Quality Control Batch

| Maxxam ID | | BLB056 | BLB057 | BLB058 | BLB059 | | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | 2015/11/19 | 2015/11/19 | 2015/11/19 | | | |
| | UNITS | M29-MUNI-C1-R2 | M29-MUNI-C1-R3 | M29-MUNI-C2-R1 | M29-MUNI-C2-R2 | MDL | QC Batch | RDL |
| Combined Train Beryllium (Be) | ug | <0.20 | <0.20 | <0.20 | <0.20 | 0.080 | 4309663 | 0.10 |
| Combined Train Cadmium (Cd) | ug | 2.38 | 3.20 | 13.4 | 3.70 | 0.080 | 4309663 | 0.10 |
| Combined Train Lead (Pb) | ug | 2.83 | 3.37 | 43.0 | 12.1 | 0.080 | 4309663 | 0.20 |

QC Batch = Quality Control Batch

| Maxxam ID | | BLB060 | BLB061 | BLB063 | BLB064 | | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | 2015/11/19 | 2015/11/19 | 2015/11/19 | | | |
| | UNITS | M29-MUNI-C2-R3 | M29-MUNI-C3-R1 | M29-MUNI-C3-R2 | M29-MUNI-C3-R3 | MDL | QC Batch | RDL |
| Combined Train Beryllium (Be) | ug | <0.20 | <0.20 | <0.20 | <0.20 | 0.080 | 4309663 | 0.10 |
| Combined Train Cadmium (Cd) | ug | 4.23 | 9.65 | 4.76 | 2.17 | 0.080 | 4309663 | 0.10 |
| Combined Train Lead (Pb) | ug | 17.4 | 22.0 | 19.3 | 11.9 | 0.080 | 4309663 | 0.20 |

QC Batch = Quality Control Batch



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Maxxam Job #: B5O5435
Report Date: 2015/12/18

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING

## EPA M29 METALS (COMBINED TRAIN)

| Maxxam ID | | BLB068 | | BLB070 | BLB070 | | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | 2015/11/20 | 2015/11/20 | | | |
| | UNITS | M29-BLEND-C1-R1 | QC Batch | M29-BLEND-C1-R2 | M29-BLEND-C1-R2 Lab-Dup | MDL | QC Batch | RDL |
| Combined Train Beryllium (Be) | ug | <0.20 | 4309663 | <0.20 | <0.20 | 0.080 | 4309667 | 0.10 |
| Combined Train Cadmium (Cd) | ug | 2.81 | 4309663 | 2.26 | 2.26 | 0.080 | 4309667 | 0.10 |
| Combined Train Lead (Pb) | ug | 3.26 | 4309663 | 2.56 | 2.60 | 0.080 | 4309667 | 0.20 |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate

| Maxxam ID | | BLB072 | BLB074 | BLB076 | BLB078 | | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | 2015/11/20 | 2015/11/20 | 2015/11/20 | | | |
| | UNITS | M29-BLEND-C1-R3 | M29-BLEND-C2-R1 | M29-BLEND-C2-R2 | M29-BLEND-C2-R3 | MDL | QC Batch | RDL |
| Combined Train Beryllium (Be) | ug | <0.20 | <0.20 | <0.20 | <0.20 | 0.080 | 4309667 | 0.10 |
| Combined Train Cadmium (Cd) | ug | 2.08 | 3.09 | 1.21 | 1.45 | 0.080 | 4309667 | 0.10 |
| Combined Train Lead (Pb) | ug | 3.19 | 29.4 | 9.25 | 21.0 | 0.080 | 4309667 | 0.20 |

QC Batch = Quality Control Batch

| Maxxam ID | | BLB080 | BLB082 | BLB083 | | | |
|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | 2015/11/20 | 2015/11/20 | | | |
| | UNITS | M29-BLEND-C3-R1 | M29-BLEND-C3-R2 | M29-BLEND-C3-R3 | MDL | QC Batch | RDL |
| Combined Train Beryllium (Be) | ug | <0.20 | <0.20 | <0.20 | 0.080 | 4309667 | 0.10 |
| Combined Train Cadmium (Cd) | ug | 1.73 | 1.01 | 0.89 | 0.080 | 4309667 | 0.10 |
| Combined Train Lead (Pb) | ug | 15.3 | 7.39 | 11.0 | 0.080 | 4309667 | 0.20 |

QC Batch = Quality Control Batch



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Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING

## EPA M29 MERCURY (STACK SAMPLING TRAIN)

| Maxxam ID | | BLB000 | | BLB004 | BLB004 | | BLB005 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | | 2015/11/18 | 2015/11/18 | | 2015/11/18 | | | |
| | UNITS | M29-BLANK | MDL | M29-AUTO-C1-R1 | M29-AUTO-C1-R1 Lab-Dup | MDL | M29-AUTO-C1-R2 | MDL | QC Batch | RDL |
| 1B Mercury (Hg) | ug | <0.015 | 0.015 | 0.733 | N/A | 0.015 | 0.089 | 0.015 | 4309670 | 0.02 |
| 2B Mercury (Hg) | ug | <0.15 | 0.03 | <0.13 | N/A | 0.026 | <0.16 | 0.032 | 4293606 | 0.01 |
| 3A Mercury (Hg) | ug | <0.005 | 0.005 | <0.0048 | N/A | 0.0048 | <0.0048 | 0.0048 | 4295263 | 0.006 |
| 3B Mercury (Hg) | ug | <0.02 | 0.004 | <0.023 | N/A | 0.0046 | 0.091 | 0.0046 | 4303752 | 0.05 |
| 3C Mercury (Hg) | ug | <0.013 | 0.0026 | 6.53 | 6.44 | 0.013 | 22.6 | 0.026 | 4309549 | 0.05 |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

| Maxxam ID | | BLB006 | BLB006 | | BLB049 | | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | 2015/11/19 | | 2015/11/18 | | | |
| | UNITS | M29-AUTO-C1-R4 | M29-AUTO-C1-R4 Lab-Dup | MDL | M29-AUTO-C2-R1 | MDL | QC Batch | RDL |
| 1B Mercury (Hg) | ug | 0.042 | N/A | 0.015 | 0.023 | 0.015 | 4309670 | 0.02 |
| 2B Mercury (Hg) | ug | <0.17 | <0.17 | 0.034 | <0.18 | 0.036 | 4293606 | 0.01 |
| 3A Mercury (Hg) | ug | <0.005 | N/A | 0.005 | <0.0048 | 0.0048 | 4295263 | 0.006 |
| 3B Mercury (Hg) | ug | 0.804 | 0.794 | 0.0046 | <0.023 | 0.0046 | 4303752 | 0.05 |
| 3C Mercury (Hg) | ug | 14.0 | N/A | 0.026 | 0.172 | 0.0026 | 4309549 | 0.05 |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

| Maxxam ID | | BLB050 | | BLB051 | | BLB052 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | | 2015/11/19 | | 2015/11/18 | | | |
| | UNITS | M29-AUTO-C2-R2 | MDL | M29-AUTO-C2-R4 | MDL | M29-AUTO-C3-R1 | MDL | QC Batch | RDL |
| 1B Mercury (Hg) | ug | 0.021 | 0.015 | 0.048 | 0.015 | 0.038 | 0.015 | 4309670 | 0.02 |
| 2B Mercury (Hg) | ug | <0.16 | 0.032 | <0.15 | 0.03 | <0.15 | 0.03 | 4293606 | 0.01 |
| 3A Mercury (Hg) | ug | <0.0049 | 0.0049 | <0.0051 | 0.0051 | <0.0049 | 0.0049 | 4295263 | 0.006 |
| 3B Mercury (Hg) | ug | <0.023 | 0.0046 | <0.023 | 0.0046 | <0.023 | 0.0046 | 4303752 | 0.05 |
| 3C Mercury (Hg) | ug | 0.295 | 0.0026 | 0.354 | 0.0026 | 0.110 | 0.0026 | 4309549 | 0.05 |

QC Batch = Quality Control Batch



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Report Date: 2015/12/18

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING

## EPA M29 MERCURY (STACK SAMPLING TRAIN)

| Maxxam ID | | BLB053 | | BLB054 | BLB054 | | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | | 2015/11/19 | 2015/11/19 | | | |
| | UNITS | M29-AUTO-C3-R2 | MDL | M29-AUTO-C3-R4 | M29-AUTO-C3-R4 Lab-Dup | MDL | QC Batch | RDL |
| 1B Mercury (Hg) | ug | <0.015 | 0.015 | 0.023 | 0.029 | 0.015 | 4309670 | 0.02 |
| 2B Mercury (Hg) | ug | <0.15 | 0.03 | <0.15 | N/A | 0.03 | 4293606 | 0.01 |
| 3A Mercury (Hg) | ug | <0.0049 | 0.0049 | <0.005 | N/A | 0.005 | 4295263 | 0.006 |
| 3B Mercury (Hg) | ug | <0.023 | 0.0046 | <0.023 | N/A | 0.0046 | 4303752 | 0.05 |
| 3C Mercury (Hg) | ug | 0.202 | 0.0026 | 0.197 | N/A | 0.0026 | 4309549 | 0.05 |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

| Maxxam ID | | BLB055 | | BLB056 | | BLB057 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | | 2015/11/19 | | 2015/11/19 | | | |
| | UNITS | M29-MUNI-C1-R1 | MDL | M29-MUNI-C1-R2 | MDL | M29-MUNI-C1-R3 | MDL | QC Batch | RDL |
| 1B Mercury (Hg) | ug | <0.015 | 0.015 | <0.015 | 0.015 | 0.045 | 0.015 | 4309670 | 0.02 |
| 2B Mercury (Hg) | ug | <0.16 | 0.032 | <0.16 | 0.032 | <0.17 | 0.034 | 4293606 | 0.01 |
| 3A Mercury (Hg) | ug | <0.005 | 0.005 | <0.0049 | 0.0049 | <0.0052 | 0.0052 | 4295263 | 0.006 |
| 3B Mercury (Hg) | ug | 3.42 | 0.0046 | 2.56 | 0.0046 | 1.32 | 0.0046 | 4303752 | 0.05 |
| 3C Mercury (Hg) | ug | 6.30 | 0.026 | 18.3 | 0.026 | 13.1 | 0.026 | 4309549 | 0.05 |

QC Batch = Quality Control Batch

| Maxxam ID | | BLB057 | | BLB058 | | BLB059 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | | 2015/11/19 | | 2015/11/19 | | | |
| | UNITS | M29-MUNI-C1-R3 Lab-Dup | MDL | M29-MUNI-C2-R1 | MDL | M29-MUNI-C2-R2 | MDL | QC Batch | RDL |
| 1B Mercury (Hg) | ug | N/A | 0.015 | 0.146 | 0.015 | 0.035 | 0.015 | 4309670 | 0.02 |
| 2B Mercury (Hg) | ug | N/A | 0.034 | <0.16 | 0.032 | <0.16 | 0.032 | 4293606 | 0.01 |
| 3A Mercury (Hg) | ug | <0.0052 | 0.0052 | <0.0046 | 0.0046 | <0.005 | 0.005 | 4295263 | 0.006 |
| 3B Mercury (Hg) | ug | N/A | 0.0046 | <0.02 | 0.004 | <0.023 | 0.0046 | 4303752 | 0.05 |
| 3C Mercury (Hg) | ug | N/A | 0.026 | 0.376 | 0.0026 | 0.904 | 0.0026 | 4309549 | 0.05 |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

| Maxxam ID | | BLB060 | | BLB061 | | BLB063 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | | 2015/11/19 | | 2015/11/19 | | | |
| | UNITS | M29-MUNI-C2-R3 | MDL | M29-MUNI-C3-R1 | MDL | M29-MUNI-C3-R2 | MDL | QC Batch | RDL |
| 1B Mercury (Hg) | ug | 0.051 | 0.015 | 0.048 | 0.015 | <0.015 | 0.015 | 4309670 | 0.02 |
| 2B Mercury (Hg) | ug | <0.16 | 0.032 | <0.16 | 0.032 | <0.17 | 0.034 | 4293606 | 0.01 |
| 3A Mercury (Hg) | ug | <0.005 | 0.005 | <0.0049 | 0.0049 | <0.0051 | 0.0051 | 4295263 | 0.006 |
| 3B Mercury (Hg) | ug | <0.023 | 0.0046 | <0.023 | 0.0046 | <0.023 | 0.0046 | 4303752 | 0.05 |
| 3C Mercury (Hg) | ug | 0.561 | 0.0026 | 0.171 | 0.0026 | 0.435 | 0.0026 | 4309549 | 0.05 |

QC Batch = Quality Control Batch



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Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING

## EPA M29 MERCURY (STACK SAMPLING TRAIN)

| Maxxam ID | | BLB064 | | BLB068 | | | BLB070 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | | 2015/11/20 | | | 2015/11/20 | | | |
| | UNITS | M29-MUNI-C3-R3 | MDL | M29-BLEND-C1-R1 | MDL | QC Batch | M29-BLEND-C1-R2 | MDL | QC Batch | RDL |
| 1B Mercury (Hg) | ug | 0.026 | 0.015 | 0.017 | 0.015 | 4309670 | <0.015 | 0.015 | 4309671 | 0.02 |
| 2B Mercury (Hg) | ug | <0.16 | 0.032 | <0.16 | 0.032 | 4293606 | <0.17 | 0.034 | 4293867 | 0.01 |
| 3A Mercury (Hg) | ug | <0.0051 | 0.0051 | <0.005 | 0.005 | 4295263 | <0.0047 | 0.0047 | 4301646 | 0.006 |
| 3B Mercury (Hg) | ug | <0.023 | 0.0046 | 0.467 | 0.0046 | 4303752 | 0.088 | 0.0046 | 4301898 | 0.05 |
| 3C Mercury (Hg) | ug | 0.245 | 0.0026 | 4.80 | 0.026 | 4309549 | 8.08 | 0.013 | 4305144 | 0.05 |

QC Batch = Quality Control Batch

| Maxxam ID | | BLB070 | | BLB072 | | BLB074 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | 2015/11/20 | | 2015/11/20 | | | |
| | UNITS | M29-BLEND-C1-R2 Lab-Dup | MDL | M29-BLEND-C1-R3 | MDL | M29-BLEND-C2-R1 | MDL | QC Batch | RDL |
| 1B Mercury (Hg) | ug | N/A | 0.015 | <0.015 | 0.015 | 0.040 | 0.015 | 4309671 | 0.02 |
| 2B Mercury (Hg) | ug | <0.17 | 0.034 | <0.16 | 0.032 | <0.16 | 0.032 | 4293867 | 0.01 |
| 3A Mercury (Hg) | ug | N/A | 0.0047 | <0.0047 | 0.0047 | <0.0051 | 0.0051 | 4301646 | 0.006 |
| 3B Mercury (Hg) | ug | 0.085 | 0.0046 | 0.056 | 0.0046 | <0.023 | 0.0046 | 4301898 | 0.05 |
| 3C Mercury (Hg) | ug | N/A | 0.013 | 2.56 | 0.0026 | 0.173 | 0.0026 | 4305144 | 0.05 |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

| Maxxam ID | | BLB074 | | BLB076 | BLB076 | | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | 2015/11/20 | 2015/11/20 | | | |
| | UNITS | M29-BLEND-C2-R1 Lab-Dup | MDL | M29-BLEND-C2-R2 | M29-BLEND-C2-R2 Lab-Dup | MDL | QC Batch | RDL |
| 1B Mercury (Hg) | ug | N/A | 0.015 | <0.015 | <0.015 | 0.015 | 4309671 | 0.02 |
| 2B Mercury (Hg) | ug | N/A | 0.032 | <0.16 | N/A | 0.032 | 4293867 | 0.01 |
| 3A Mercury (Hg) | ug | <0.0051 | 0.0051 | <0.0046 | N/A | 0.0046 | 4301646 | 0.006 |
| 3B Mercury (Hg) | ug | N/A | 0.0046 | <0.023 | N/A | 0.0046 | 4301898 | 0.05 |
| 3C Mercury (Hg) | ug | 0.167 | 0.0026 | 0.238 | N/A | 0.0026 | 4305144 | 0.05 |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

| Maxxam ID | | BLB078 | | BLB080 | | BLB082 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | 2015/11/20 | | 2015/11/20 | | | |
| | UNITS | M29-BLEND-C2-R3 | MDL | M29-BLEND-C3-R1 | MDL | M29-BLEND-C3-R2 | MDL | QC Batch | RDL |
| 1B Mercury (Hg) | ug | <0.015 | 0.015 | <0.015 | 0.015 | <0.015 | 0.015 | 4309671 | 0.02 |
| 2B Mercury (Hg) | ug | <0.15 | 0.03 | <0.18 | 0.036 | <0.15 | 0.03 | 4293867 | 0.01 |
| 3A Mercury (Hg) | ug | <0.005 | 0.005 | <0.005 | 0.005 | <0.005 | 0.005 | 4301646 | 0.006 |
| 3B Mercury (Hg) | ug | <0.023 | 0.0046 | <0.023 | 0.0046 | <0.023 | 0.0046 | 4301898 | 0.05 |
| 3C Mercury (Hg) | ug | 0.099 | 0.0026 | 0.121 | 0.0026 | 0.157 | 0.0026 | 4305144 | 0.05 |

QC Batch = Quality Control Batch



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## EPA M29 MERCURY (STACK SAMPLING TRAIN)

| Maxxam ID | | BLB083 | | | |
|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | | |
| | UNITS | M29-BLEND-C3-R3 | MDL | QC Batch | RDL |
| 1B Mercury (Hg) | ug | <0.015 | 0.015 | 4309671 | 0.02 |
| 2B Mercury (Hg) | ug | <0.16 | 0.032 | 4293867 | 0.01 |
| 3A Mercury (Hg) | ug | <0.0048 | 0.0048 | 4301646 | 0.006 |
| 3B Mercury (Hg) | ug | <0.025 | 0.005 | 4301898 | 0.05 |
| 3C Mercury (Hg) | ug | 0.074 | 0.0026 | 4305144 | 0.05 |
| QC Batch = Quality Control Batch | | | | | |



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Eastmount Environmental Services
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## EPA M5 PARTICULATE MATTER (PM)

| Maxxam ID | | BLB000 | BLB004 | BLB005 | | | |
|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | 2015/11/18 | 2015/11/18 | | | |
| | UNITS | M29-BLANK | M29-AUTO-C1-R1 | M29-AUTO-C1-R2 | MDL | QC Batch | RDL |
| Acetone Rinse Particulate Weight in Acetone Rinse | mg | <0.5 | 33.4 | 9.2 | 0.1 | 4297335 | 0.5 |
| Front Half Particulate Weight on Filter | mg | <0.30 | 4.60 | 8.60 | 0.060 | 4294477 | 0.30 |
| Acetone Rinse Volume | ml | 100 | 75 | 120 | 1 | 4297339 | 1 |
| QC Batch = Quality Control Batch | | | | | | | |

| Maxxam ID | | BLB006 | BLB049 | BLB050 | | | |
|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | 2015/11/18 | 2015/11/18 | | | |
| | UNITS | M29-AUTO-C1-R4 | M29-AUTO-C2-R1 | M29-AUTO-C2-R2 | MDL | QC Batch | RDL |
| Acetone Rinse Particulate Weight in Acetone Rinse | mg | 6.7 | 19.7 | 18.5 | 0.1 | 4297335 | 0.5 |
| Front Half Particulate Weight on Filter | mg | 5.80 | 3.80 | <0.30 | 0.060 | 4294477 | 0.30 |
| Acetone Rinse Volume | ml | 96 | 73 | 110 | 1 | 4297339 | 1 |
| QC Batch = Quality Control Batch | | | | | | | |

| Maxxam ID | | BLB051 | BLB052 | BLB053 | | | |
|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | 2015/11/18 | 2015/11/18 | | | |
| | UNITS | M29-AUTO-C2-R4 | M29-AUTO-C3-R1 | M29-AUTO-C3-R2 | MDL | QC Batch | RDL |
| Acetone Rinse Particulate Weight in Acetone Rinse | mg | 42.1 | 36.5 | 15.8 | 0.1 | 4297335 | 0.5 |
| Front Half Particulate Weight on Filter | mg | 10.6 | 6.00 | 1.20 | 0.060 | 4294477 | 0.30 |
| Acetone Rinse Volume | ml | 160 | 110 | 72 | 1 | 4297339 | 1 |
| QC Batch = Quality Control Batch | | | | | | | |

| Maxxam ID | | BLB054 | BLB055 | BLB056 | | | |
|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | 2015/11/19 | 2015/11/19 | | | |
| | UNITS | M29-AUTO-C3-R4 | M29-MUNI-C1-R1 | M29-MUNI-C1-R2 | MDL | QC Batch | RDL |
| Acetone Rinse Particulate Weight in Acetone Rinse | mg | 54.0 | 8.3 | 9.6 | 0.1 | 4297335 | 0.5 |
| Front Half Particulate Weight on Filter | mg | <0.30 | 7.40 | 5.00 | 0.060 | 4294477 | 0.30 |
| Acetone Rinse Volume | ml | 75 | 96 | 110 | 1 | 4297339 | 1 |
| QC Batch = Quality Control Batch | | | | | | | |

| Maxxam ID | | BLB057 | BLB058 | BLB059 | | | |
|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | 2015/11/19 | 2015/11/19 | | | |
| | UNITS | M29-MUNI-C1-R3 | M29-MUNI-C2-R1 | M29-MUNI-C2-R2 | MDL | QC Batch | RDL |
| Acetone Rinse Particulate Weight in Acetone Rinse | mg | 11.3 | 30.3 | 21.4 | 0.1 | 4297335 | 0.5 |
| Front Half Particulate Weight on Filter | mg | 6.30 | 123 | 0.40 | 0.060 | 4294477 | 0.30 |
| Acetone Rinse Volume | ml | 110 | 100 | 97 | 1 | 4297339 | 1 |
| QC Batch = Quality Control Batch | | | | | | | |



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## EPA M5 PARTICULATE MATTER (PM)

| Maxxam ID | | BLB060 | BLB061 | BLB063 | | | |
|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | 2015/11/19 | 2015/11/19 | | | |
| | UNITS | M29-MUNI-C2-R3 | M29-MUNI-C3-R1 | M29-MUNI-C3-R2 | MDL | QC Batch | RDL |
| Acetone Rinse Particulate Weight in Acetone Rinse | mg | 26.0 | 21.9 | 29.5 | 0.1 | 4297335 | 0.5 |
| Front Half Particulate Weight on Filter | mg | 24.2 | 63.5 | 0.50 | 0.060 | 4294477 | 0.30 |
| Acetone Rinse Volume | ml | 85 | 110 | 150 | 1 | 4297339 | 1 |
| QC Batch = Quality Control Batch | | | | | | | |

| Maxxam ID | | BLB064 | BLB068 | | | |
|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | 2015/11/20 | | | |
| | UNITS | M29-MUNI-C3-R3 | M29-BLEND-C1-R1 | MDL | QC Batch | RDL |
| Acetone Rinse Particulate Weight in Acetone Rinse | mg | 16.6 | 6.3 | 0.1 | 4297335 | 0.5 |
| Front Half Particulate Weight on Filter | mg | 4.30 | 5.90 | 0.060 | 4294477 | 0.30 |
| Acetone Rinse Volume | ml | 100 | 130 | 1 | 4297339 | 1 |
| QC Batch = Quality Control Batch | | | | | | |

| Maxxam ID | | BLB070 | BLB072 | BLB074 | | | |
|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | 2015/11/20 | 2015/11/20 | | | |
| | UNITS | M29-BLEND-C1-R2 | M29-BLEND-C1-R3 | M29-BLEND-C2-R1 | MDL | QC Batch | RDL |
| Acetone Rinse Particulate Weight in Acetone Rinse | mg | 6.0 | 4.9 | 42.6 | 0.1 | 4297337 | 0.5 |
| Front Half Particulate Weight on Filter | mg | 6.40 | 9.60 | <0.30 | 0.060 | 4294477 | 0.30 |
| Acetone Rinse Volume | ml | 110 | 110 | 84 | 1 | 4297339 | 1 |
| QC Batch = Quality Control Batch | | | | | | | |

| Maxxam ID | | BLB076 | BLB078 | BLB080 | | | |
|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | 2015/11/20 | 2015/11/20 | | | |
| | UNITS | M29-BLEND-C2-R2 | M29-BLEND-C2-R3 | M29-BLEND-C3-R1 | MDL | QC Batch | RDL |
| Acetone Rinse Particulate Weight in Acetone Rinse | mg | 16.1 | 25.0 | 20.7 | 0.1 | 4297337 | 0.5 |
| Front Half Particulate Weight on Filter | mg | <0.30 | 1.70 | <0.30 | 0.060 | 4294477 | 0.30 |
| Acetone Rinse Volume | ml | 97 | 66 | 87 | 1 | 4297339 | 1 |
| QC Batch = Quality Control Batch | | | | | | | |

| Maxxam ID | | BLB082 | BLB083 | | | |
|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | 2015/11/20 | | | |
| | UNITS | M29-BLEND-C3-R2 | M29-BLEND-C3-R3 | MDL | QC Batch | RDL |
| Acetone Rinse Particulate Weight in Acetone Rinse | mg | 13.1 | 12.8 | 0.1 | 4297337 | 0.5 |
| Front Half Particulate Weight on Filter | mg | 0.90 | 1.80 | 0.060 | 4294477 | 0.30 |
| Acetone Rinse Volume | ml | 84 | 92 | 1 | 4297339 | 1 |
| QC Batch = Quality Control Batch | | | | | | |



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## MERCURY BY COLD VAPOUR AA (STACK SAMPLING TRAIN)

| Maxxam ID | | BLB116 | | | |
|---|---|---|---|---|---|
| Sampling Date | | | | | |
| | UNITS | AUDIT-110415E-1427 | MDL | QC Batch | RDL |
| 1B Mercury (Hg) | ug | 4.74 | 0.075 | 4309671 | 0.02 |
| QC Batch = Quality Control Batch | | | | | |



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## ELEMENTS BY ICP/MS (STACK SAMPLING TRAIN)

| Maxxam ID | | BLB108 | BLB114 | | | |
|---|---|---|---|---|---|---|
| Sampling Date | | | | | | |
| | UNITS | AUDIT-110415E-1425 | AUDIT-110415E-1426 | MDL | QC Batch | RDL |
| Total Beryllium (Be) | ug/mL | N/A | 5.22 | N/A | 4309641 | 0.0020 |
| Total Cadmium (Cd) | ug/mL | N/A | 5.83 | N/A | 4309641 | 0.0020 |
| Total Lead (Pb) | ug/mL | N/A | 6.21 | N/A | 4309641 | 0.0050 |
| Front Half Beryllium (Be) | ug | 35.6 | N/A | 0.040 | 4309649 | 0.10 |
| Front Half Cadmium (Cd) | ug | 39.3 | N/A | 0.040 | 4309649 | 0.10 |
| Front Half Lead (Pb) | ug | 91.4 | N/A | 0.040 | 4309649 | 0.20 |

QC Batch = Quality Control Batch
N/A = Not Applicable



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## ELEMENTS BY ATOMIC SPECTROSCOPY (STACK SAMPLING TRAIN)

| Maxxam ID | | BLB118 | BLB118 | | | |
|---|---|---|---|---|---|---|
| Sampling Date | | | | | | |
| | UNITS | AUDIT-110415E-1428 | AUDIT-110415E-1428 Lab-Dup | MDL | QC Batch | RDL |
| Mercury (Hg) | ug/L | 3.4 | 3.4 | 0.01 | 4301651 | 0.05 |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate



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## TEST SUMMARY

**Maxxam ID:** BLB000
**Sample ID:** M29-BLANK
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB004
**Sample ID:** M29-AUTO-C1-R1
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB004 Dup
**Sample ID:** M29-AUTO-C1-R1
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |

**Maxxam ID:** BLB005
**Sample ID:** M29-AUTO-C1-R2
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |



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## TEST SUMMARY

**Maxxam ID:** BLB005
**Sample ID:** M29-AUTO-C1-R2
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB006
**Sample ID:** M29-AUTO-C1-R4
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB006 Dup
**Sample ID:** M29-AUTO-C1-R4
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |

**Maxxam ID:** BLB049
**Sample ID:** M29-AUTO-C2-R1
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |



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## TEST SUMMARY

**Maxxam ID:** BLB050
**Sample ID:** M29-AUTO-C2-R2
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB051
**Sample ID:** M29-AUTO-C2-R4
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB052
**Sample ID:** M29-AUTO-C3-R1
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |



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Report Date: 2015/12/18

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING

## TEST SUMMARY

**Maxxam ID:** BLB053
**Sample ID:** M29-AUTO-C3-R2
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB054
**Sample ID:** M29-AUTO-C3-R4
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB054 Dup
**Sample ID:** M29-AUTO-C3-R4
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/14 | 2015/12/17 | Ron Morrison |

**Maxxam ID:** BLB055
**Sample ID:** M29-MUNI-C1-R1
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |



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Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING

## TEST SUMMARY

**Maxxam ID:** BLB055
**Sample ID:** M29-MUNI-C1-R1
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB056
**Sample ID:** M29-MUNI-C1-R2
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB057
**Sample ID:** M29-MUNI-C1-R3
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB057 Dup
**Sample ID:** M29-MUNI-C1-R3
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |

**Maxxam ID:** BLB058
**Sample ID:** M29-MUNI-C2-R1
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |



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Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING

## TEST SUMMARY

**Maxxam ID:** BLB058
**Sample ID:** M29-MUNI-C2-R1
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB059
**Sample ID:** M29-MUNI-C2-R2
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB060
**Sample ID:** M29-MUNI-C2-R3
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB061
**Sample ID:** M29-MUNI-C3-R1
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |



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Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING

## TEST SUMMARY

**Maxxam ID:** BLB061
**Sample ID:** M29-MUNI-C3-R1
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB063
**Sample ID:** M29-MUNI-C3-R2
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB064
**Sample ID:** M29-MUNI-C3-R3
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB068
**Sample ID:** M29-BLEND-C1-R1
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4309549 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293606 | 2015/12/01 | 2015/12/16 | Ron Morrison |



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Report Date: 2015/12/18

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING

## TEST SUMMARY

**Maxxam ID:** BLB068
**Sample ID:** M29-BLEND-C1-R1
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3A in HNO3 Rinse | CV/AA | 4295263 | 2015/12/02 | 2015/12/17 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4303752 | 2015/12/08 | 2015/12/17 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309670 | 2015/12/11 | 2015/12/17 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309663 | 2015/12/11 | 2015/12/12 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297335 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB070
**Sample ID:** M29-BLEND-C1-R2
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4305144 | 2015/12/09 | 2015/12/10 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293867 | 2015/12/01 | 2015/12/09 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4301646 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4301898 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309671 | 2015/12/11 | 2015/12/16 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309667 | 2015/12/11 | 2015/12/15 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297337 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB070 Dup
**Sample ID:** M29-BLEND-C1-R2
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293867 | 2015/12/01 | 2015/12/09 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4301898 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309667 | 2015/12/11 | 2015/12/15 | Nan Raykha |

**Maxxam ID:** BLB072
**Sample ID:** M29-BLEND-C1-R3
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4305144 | 2015/12/09 | 2015/12/10 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293867 | 2015/12/01 | 2015/12/09 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4301646 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4301898 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309671 | 2015/12/11 | 2015/12/16 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309667 | 2015/12/11 | 2015/12/15 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297337 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |



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Maxxam Job #: B505435
Report Date: 2015/12/18

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING

## TEST SUMMARY

**Maxxam ID:** BLB072
**Sample ID:** M29-BLEND-C1-R3
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB074
**Sample ID:** M29-BLEND-C2-R1
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4305144 | 2015/12/09 | 2015/12/10 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293867 | 2015/12/01 | 2015/12/09 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4301646 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4301898 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309671 | 2015/12/11 | 2015/12/16 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309667 | 2015/12/11 | 2015/12/15 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297337 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB074 Dup
**Sample ID:** M29-BLEND-C2-R1
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4305144 | 2015/12/09 | 2015/12/10 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4301646 | 2015/12/07 | 2015/12/14 | Ron Morrison |

**Maxxam ID:** BLB076
**Sample ID:** M29-BLEND-C2-R2
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4305144 | 2015/12/09 | 2015/12/10 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293867 | 2015/12/01 | 2015/12/09 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4301646 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4301898 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309671 | 2015/12/11 | 2015/12/16 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309667 | 2015/12/11 | 2015/12/15 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297337 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB076 Dup
**Sample ID:** M29-BLEND-C2-R2
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309671 | 2015/12/14 | 2015/12/16 | Ron Morrison |



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Site Location: WTE RECYCLING

## TEST SUMMARY

**Maxxam ID:** BLB078
**Sample ID:** M29-BLEND-C2-R3
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4305144 | 2015/12/09 | 2015/12/10 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293867 | 2015/12/01 | 2015/12/09 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4301646 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4301898 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309671 | 2015/12/11 | 2015/12/16 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309667 | 2015/12/11 | 2015/12/15 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297337 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB080
**Sample ID:** M29-BLEND-C3-R1
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4305144 | 2015/12/09 | 2015/12/10 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293867 | 2015/12/01 | 2015/12/09 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4301646 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4301898 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309671 | 2015/12/11 | 2015/12/16 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309667 | 2015/12/11 | 2015/12/15 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297337 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB082
**Sample ID:** M29-BLEND-C3-R2
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4305144 | 2015/12/09 | 2015/12/10 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293867 | 2015/12/01 | 2015/12/09 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4301646 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4301898 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309671 | 2015/12/11 | 2015/12/16 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309667 | 2015/12/11 | 2015/12/15 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297337 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |



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Eastmount Environmental Services
Client Project #: 15-098
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## TEST SUMMARY

**Maxxam ID:** BLB083
**Sample ID:** M29-BLEND-C3-R3
**Matrix:** Stack Sampling Train

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 3C in HCl Rinse | CV/AA | 4305144 | 2015/12/09 | 2015/12/10 | Ron Morrison |
| Mercury 2B in HNO3/H2O2 Imp. | CV/AA | 4293867 | 2015/12/01 | 2015/12/09 | Ron Morrison |
| Mercury 3A in HNO3 Rinse | CV/AA | 4301646 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 3B in KMnO4/H2SO4 Imp. | CV/AA | 4301898 | 2015/12/07 | 2015/12/14 | Ron Morrison |
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309671 | 2015/12/11 | 2015/12/16 | Ron Morrison |
| Metals in Combined Train (6020A) | ICP1/MS | 4309667 | 2015/12/11 | 2015/12/15 | Nan Raykha |
| Particulates/Acetone Rinse (M5/315/M201) | BAL | 4297337 | 2015/12/02 | 2015/12/07 | Brenda Moore |
| Particulates/Filter (M5/315/NJATM1/M201) | BAL | 4294477 | N/A | 2015/12/04 | Brenda Moore |
| Final Volume of Acetone Probe Rinse | | 4297339 | N/A | 2015/12/02 | Mohammad Tariq |

**Maxxam ID:** BLB108
**Sample ID:** AUDIT-110415E-1425
**Matrix:** Stack Sampling Train

**Collected:**
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Metals F.H. in Filter + Rinses (6020A) | ICP1/MS | 4309649 | 2015/12/11 | 2015/12/11 | Nan Raykha |

**Maxxam ID:** BLB114
**Sample ID:** AUDIT-110415E-1426
**Matrix:** Stack Sampling Train

**Collected:**
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Metals in Liquid by ICP/MS (6020A) | ICP1/MS | 4309641 | 2015/12/11 | 2015/12/12 | Nan Raykha |

**Maxxam ID:** BLB116
**Sample ID:** AUDIT-110415E-1427
**Matrix:** Stack Sampling Train

**Collected:**
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury 1B in Filter + Rinse (M29) | CV/AA | 4309671 | 2015/12/11 | 2015/12/16 | Ron Morrison |

**Maxxam ID:** BLB118
**Sample ID:** AUDIT-110415E-1428
**Matrix:** Stack Sampling Train

**Collected:**
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury in Water (7470A) | CV/AA | 4301651 | 2015/12/07 | 2015/12/14 | Ron Morrison |

**Maxxam ID:** BLB118 Dup
**Sample ID:** AUDIT-110415E-1428
**Matrix:** Stack Sampling Train

**Collected:**
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Mercury in Water (7470A) | CV/AA | 4301651 | 2015/12/07 | 2015/12/14 | Ron Morrison |



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## GENERAL COMMENTS

**EPA M29 METALS (COMBINED TRAIN)**

Metals in Combined Train (6020A): Extra 2x dilution was required for all samples except BLB000, due to the matrix.
Post digestion duplicate and spike were done on sample BLB004.
Metals in Combined Train (6020A): Extra 2x dilution was required for all samples due to the matrix.
Post digestion duplicate and spike were done on sample BLB070.
Li6 Internal Standard drifted up to 125.9%, data for Be may be slightly biased low.

**EPA M5 PARTICULATE MATTER (PM)**

| Particulates/Filter (M5/315/NJATM1/M201): Maxxam # | Filter Condition |
|---|---|
| BLB000-01R | NORMAL |
| BLB004-01R | NORMAL |
| BLB005-01R | NORMAL |
| BLB006-01R | NORMAL |
| BLB049-01R | LPC |
| BLB050-01R | *DE*FT*LFT* |
| BLB051-01R | LPC |
| BLB052-01R | LPC |
| BLB053-01R | LPC |
| BLB054-01R | NORMAL |
| BLB055-01R | NORMAL |
| BLB056-01R | NORMAL |
| BLB057-01R | NORMAL |
| BLB058-01R | LPC |
| BLB059-01R | *LFT*LPC* |
| BLB060-01R | LPC |
| BLB061-01R | LPC |
| BLB063-01R | LPC |
| BLB064-01R | LPC |
| BLB068-01R | WET |
| BLB070-01R | NORMAL |
| BLB072-01R | WET |
| BLB074-01R | NORMAL |
| BLB076-01R | *DE*LFT* |
| BLB078-01R | NORMAL |
| BLB080-01R | NORMAL |
| BLB082-01R | NORMAL |
| BLB083-01R | NORMAL |

Normal Filters received in normal condition
LPC Loose particulate material in the petri dish
LFT Loose filter material in the petri dish
DE Edges of the filter are frayed
WET Filters were received wet
FT Filter torn

**Results relate only to the items tested.**



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## QUALITY ASSURANCE REPORT

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| 4293606 | RON | Matrix Spike(BLB006) | 2B Mercury (Hg) | 2015/12/16 | | 93 | % | 85 - 115 |
| 4293606 | RON | Matrix Spike DUP(BLB006) | 2B Mercury (Hg) | 2015/12/16 | | 98 | % | 85 - 115 |
| 4293606 | RON | MS/MSD RPD | 2B Mercury (Hg) | 2015/12/16 | 5.4 | | % | 20 |
| 4293606 | RON | Spiked Blank | 2B Mercury (Hg) | 2015/12/16 | | 96 | % | 90 - 110 |
| 4293606 | RON | Spiked Blank DUP | 2B Mercury (Hg) | 2015/12/16 | | 102 | % | 90 - 110 |
| 4293606 | RON | RPD | 2B Mercury (Hg) | 2015/12/16 | 6.2 | | % | 20 |
| 4293606 | RON | Method Blank | 2B Mercury (Hg) | 2015/12/16 | <0.015 | | ug | |
| 4293606 | RON | RPD - Sample/Sample Dup | 2B Mercury (Hg) | 2015/12/16 | NC | | % | 20 |
| 4293867 | RON | Matrix Spike(BLB070) | 2B Mercury (Hg) | 2015/12/09 | | 102 | % | 85 - 115 |
| 4293867 | RON | Matrix Spike DUP(BLB070) | 2B Mercury (Hg) | 2015/12/09 | | 100 | % | 85 - 115 |
| 4293867 | RON | MS/MSD RPD | 2B Mercury (Hg) | 2015/12/09 | 2.2 | | % | 20 |
| 4293867 | RON | Spiked Blank | 2B Mercury (Hg) | 2015/12/09 | | 103 | % | 90 - 110 |
| 4293867 | RON | Spiked Blank DUP | 2B Mercury (Hg) | 2015/12/09 | | 103 | % | 90 - 110 |
| 4293867 | RON | RPD | 2B Mercury (Hg) | 2015/12/09 | 0.097 | | % | 20 |
| 4293867 | RON | Method Blank | 2B Mercury (Hg) | 2015/12/09 | <0.015 | | ug | |
| 4293867 | RON | RPD - Sample/Sample Dup | 2B Mercury (Hg) | 2015/12/09 | NC | | % | 20 |
| 4295263 | RON | Matrix Spike(BLB057) | 3A Mercury (Hg) | 2015/12/17 | | 102 | % | 85 - 115 |
| 4295263 | RON | Matrix Spike DUP(BLB057) | 3A Mercury (Hg) | 2015/12/17 | | 96 | % | 85 - 115 |
| 4295263 | RON | MS/MSD RPD | 3A Mercury (Hg) | 2015/12/17 | 5.8 | | % | 20 |
| 4295263 | RON | Spiked Blank | 3A Mercury (Hg) | 2015/12/17 | | 103 | % | 90 - 110 |
| 4295263 | RON | Spiked Blank DUP | 3A Mercury (Hg) | 2015/12/17 | | 98 | % | 90 - 110 |
| 4295263 | RON | RPD | 3A Mercury (Hg) | 2015/12/17 | 4.8 | | % | 20 |
| 4295263 | RON | Method Blank | 3A Mercury (Hg) | 2015/12/17 | <0.005 | | ug | |
| 4295263 | RON | RPD - Sample/Sample Dup | 3A Mercury (Hg) | 2015/12/17 | NC | | % | 20 |
| 4297335 | BLM | Method Blank | Acetone Rinse Particulate Weight in Acetone | 2015/12/07 | <0.5 | | mg | |
| 4297337 | BLM | Method Blank | Acetone Rinse Particulate Weight in Acetone | 2015/12/07 | <0.5 | | mg | |
| 4301646 | RON | Matrix Spike(BLB074) | 3A Mercury (Hg) | 2015/12/14 | | 97 | % | 85 - 115 |
| 4301646 | RON | Matrix Spike DUP(BLB074) | 3A Mercury (Hg) | 2015/12/14 | | 99 | % | 85 - 115 |
| 4301646 | RON | MS/MSD RPD | 3A Mercury (Hg) | 2015/12/14 | 2.1 | | % | 20 |
| 4301646 | RON | Spiked Blank | 3A Mercury (Hg) | 2015/12/14 | | 98 | % | 90 - 110 |
| 4301646 | RON | Spiked Blank DUP | 3A Mercury (Hg) | 2015/12/14 | | 99 | % | 90 - 110 |
| 4301646 | RON | RPD | 3A Mercury (Hg) | 2015/12/14 | 0.91 | | % | 20 |
| 4301646 | RON | Method Blank | 3A Mercury (Hg) | 2015/12/14 | <0.005 | | ug | |
| 4301646 | RON | RPD - Sample/Sample Dup | 3A Mercury (Hg) | 2015/12/14 | NC | | % | 20 |
| 4301651 | RON | Spiked Blank | Mercury (Hg) | 2015/12/14 | | 98 | % | 79 - 118 |
| 4301651 | RON | Spiked Blank DUP | Mercury (Hg) | 2015/12/14 | | 99 | % | 79 - 118 |
| 4301651 | RON | RPD | Mercury (Hg) | 2015/12/14 | 0.91 | | % | 25 |
| 4301651 | RON | Method Blank | Mercury (Hg) | 2015/12/14 | <0.05 | | ug/L | |
| 4301651 | RON | RPD - Sample/Sample Dup | Mercury (Hg) | 2015/12/14 | 1.1 | | % | 25 |
| 4301898 | RON | Reagent Blank | 3B Mercury (Hg) | 2015/12/14 | <0.013 | | ug | |
| 4301898 | RON | Matrix Spike(BLB070) | 3B Mercury (Hg) | 2015/12/14 | | 98 | % | 85 - 115 |
| 4301898 | RON | Matrix Spike DUP(BLB070) | 3B Mercury (Hg) | 2015/12/14 | | 101 | % | 85 - 115 |
| 4301898 | RON | MS/MSD RPD | 3B Mercury (Hg) | 2015/12/14 | 3.5 | | % | 20 |
| 4301898 | RON | Spiked Blank | 3B Mercury (Hg) | 2015/12/14 | | 94 | % | 90 - 110 |
| 4301898 | RON | Spiked Blank DUP | 3B Mercury (Hg) | 2015/12/14 | | 96 | % | 90 - 110 |
| 4301898 | RON | RPD | 3B Mercury (Hg) | 2015/12/14 | 2.3 | | % | 20 |
| 4301898 | RON | Method Blank | 3B Mercury (Hg) | 2015/12/14 | <0.013 | | ug | |
| 4301898 | RON | RPD - Sample/Sample Dup | 3B Mercury (Hg) | 2015/12/14 | NC | | % | 20 |
| 4303752 | RON | Reagent Blank | 3B Mercury (Hg) | 2015/12/17 | <0.013 | | ug | |
| 4303752 | RON | Matrix Spike(BLB006) | 3B Mercury (Hg) | 2015/12/17 | | 94 | % | 85 - 115 |
| 4303752 | RON | Matrix Spike DUP(BLB006) | 3B Mercury (Hg) | 2015/12/17 | | 96 | % | 85 - 115 |
| 4303752 | RON | MS/MSD RPD | 3B Mercury (Hg) | 2015/12/17 | 1.9 | | % | 20 |
| 4303752 | RON | Spiked Blank | 3B Mercury (Hg) | 2015/12/17 | | 92 | % | 90 - 110 |



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Maxxam Job #: B5O5435
Report Date: 2015/12/18

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| 4303752 | RON | Spiked Blank DUP | 3B Mercury (Hg) | 2015/12/17 | | 95 | % | 90 - 110 |
| 4303752 | RON | RPD | 3B Mercury (Hg) | 2015/12/17 | 3.3 | | % | 20 |
| 4303752 | RON | Method Blank | 3B Mercury (Hg) | 2015/12/17 | <0.013 | | ug | |
| 4303752 | RON | RPD - Sample/Sample Dup | 3B Mercury (Hg) | 2015/12/17 | 1.2 | | % | 20 |
| 4305144 | RON | Reagent Blank | 3C Mercury (Hg) | 2015/12/10 | <0.013 | | ug | |
| 4305144 | RON | Matrix Spike(BLB074) | 3C Mercury (Hg) | 2015/12/10 | | 101 | % | 85 - 115 |
| 4305144 | RON | Matrix Spike DUP(BLB074) | 3C Mercury (Hg) | 2015/12/10 | | 101 | % | 85 - 115 |
| 4305144 | RON | MS/MSD RPD | 3C Mercury (Hg) | 2015/12/10 | 0.20 | | % | 20 |
| 4305144 | RON | Spiked Blank | 3C Mercury (Hg) | 2015/12/10 | | 104 | % | 90 - 110 |
| 4305144 | RON | Spiked Blank DUP | 3C Mercury (Hg) | 2015/12/10 | | 103 | % | 90 - 110 |
| 4305144 | RON | RPD | 3C Mercury (Hg) | 2015/12/10 | 1.2 | | % | 20 |
| 4305144 | RON | Method Blank | 3C Mercury (Hg) | 2015/12/10 | <0.013 | | ug | |
| 4305144 | RON | RPD - Sample/Sample Dup | 3C Mercury (Hg) | 2015/12/10 | 3.2 | | % | 20 |
| 4309549 | RON | Reagent Blank | 3C Mercury (Hg) | 2015/12/17 | <0.013 | | ug | |
| 4309549 | RON | Matrix Spike(BLB004) | 3C Mercury (Hg) | 2015/12/17 | | 95 | % | 85 - 115 |
| 4309549 | RON | Matrix Spike DUP(BLB004) | 3C Mercury (Hg) | 2015/12/17 | | 95 | % | 85 - 115 |
| 4309549 | RON | MS/MSD RPD | 3C Mercury (Hg) | 2015/12/17 | 0.95 | | % | 20 |
| 4309549 | RON | Spiked Blank | 3C Mercury (Hg) | 2015/12/17 | | 95 | % | 90 - 110 |
| 4309549 | RON | Spiked Blank DUP | 3C Mercury (Hg) | 2015/12/17 | | 96 | % | 90 - 110 |
| 4309549 | RON | RPD | 3C Mercury (Hg) | 2015/12/17 | 0.74 | | % | 20 |
| 4309549 | RON | Method Blank | 3C Mercury (Hg) | 2015/12/17 | <0.013 | | ug | |
| 4309549 | RON | RPD - Sample/Sample Dup | 3C Mercury (Hg) | 2015/12/17 | 1.4 | | % | 20 |
| 4309641 | N_R | Spiked Blank | Total Beryllium (Be) | 2015/12/12 | | 92 | % | 85 - 115 |
| | | | Total Cadmium (Cd) | 2015/12/12 | | 97 | % | 85 - 115 |
| | | | Total Lead (Pb) | 2015/12/12 | | 102 | % | 85 - 115 |
| 4309641 | N_R | Spiked Blank DUP | Total Beryllium (Be) | 2015/12/12 | | 88 | % | 85 - 115 |
| | | | Total Cadmium (Cd) | 2015/12/12 | | 92 | % | 85 - 115 |
| | | | Total Lead (Pb) | 2015/12/12 | | 97 | % | 85 - 115 |
| 4309641 | N_R | RPD | Total Beryllium (Be) | 2015/12/12 | 4.5 | | % | 20 |
| | | | Total Cadmium (Cd) | 2015/12/12 | 5.0 | | % | 20 |
| | | | Total Lead (Pb) | 2015/12/12 | 4.4 | | % | 20 |
| 4309641 | N_R | Method Blank | Total Beryllium (Be) | 2015/12/12 | <0.0020 | | ug/mL | |
| | | | Total Cadmium (Cd) | 2015/12/12 | <0.0020 | | ug/mL | |
| | | | Total Lead (Pb) | 2015/12/12 | <0.0050 | | ug/mL | |
| 4309649 | N_R | Spiked Blank | Front Half Beryllium (Be) | 2015/12/11 | | 97 | % | 85 - 115 |
| | | | Front Half Cadmium (Cd) | 2015/12/11 | | 97 | % | 85 - 115 |
| | | | Front Half Lead (Pb) | 2015/12/11 | | 101 | % | 85 - 115 |
| 4309649 | N_R | Spiked Blank DUP | Front Half Beryllium (Be) | 2015/12/11 | | 93 | % | 85 - 115 |
| | | | Front Half Cadmium (Cd) | 2015/12/11 | | 97 | % | 85 - 115 |
| | | | Front Half Lead (Pb) | 2015/12/11 | | 101 | % | 85 - 115 |
| 4309649 | N_R | RPD | Front Half Beryllium (Be) | 2015/12/11 | 3.8 | | % | 20 |
| | | | Front Half Cadmium (Cd) | 2015/12/11 | 0.17 | | % | 20 |
| | | | Front Half Lead (Pb) | 2015/12/11 | 0.46 | | % | 20 |
| 4309649 | N_R | Method Blank | Front Half Beryllium (Be) | 2015/12/11 | <0.10 | | ug | |
| | | | Front Half Cadmium (Cd) | 2015/12/11 | <0.10 | | ug | |
| | | | Front Half Lead (Pb) | 2015/12/11 | <0.20 | | ug | |
| 4309663 | N_R | Matrix Spike(BLB004) | Combined Train Beryllium (Be) | 2015/12/12 | | 88 | % | 70 - 130 |
| | | | Combined Train Cadmium (Cd) | 2015/12/12 | | 93 | % | 70 - 130 |
| | | | Combined Train Lead (Pb) | 2015/12/12 | | 100 | % | 70 - 130 |
| 4309663 | N_R | Matrix Spike DUP(BLB004) | Combined Train Beryllium (Be) | 2015/12/12 | | 88 | % | 70 - 130 |
| | | | Combined Train Cadmium (Cd) | 2015/12/12 | | 95 | % | 70 - 130 |
| | | | Combined Train Lead (Pb) | 2015/12/12 | | 100 | % | 70 - 130 |
| 4309663 | N_R | MS/MSD RPD | Combined Train Beryllium (Be) | 2015/12/12 | 0 | | % | 20 |



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Maxxam Job #: B5O5435
Report Date: 2015/12/18

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Combined Train Cadmium (Cd) | 2015/12/12 | 2.1 | | % | 20 |
| | | | Combined Train Lead (Pb) | 2015/12/12 | 0 | | % | 20 |
| 4309663 | N_R | Spiked Blank | Combined Train Beryllium (Be) | 2015/12/12 | | 93 | % | 85 - 115 |
| | | | Combined Train Cadmium (Cd) | 2015/12/12 | | 97 | % | 85 - 115 |
| | | | Combined Train Lead (Pb) | 2015/12/12 | | 103 | % | 85 - 115 |
| 4309663 | N_R | Spiked Blank DUP | Combined Train Beryllium (Be) | 2015/12/12 | | 94 | % | 85 - 115 |
| | | | Combined Train Cadmium (Cd) | 2015/12/12 | | 96 | % | 85 - 115 |
| | | | Combined Train Lead (Pb) | 2015/12/12 | | 102 | % | 85 - 115 |
| 4309663 | N_R | RPD | Combined Train Beryllium (Be) | 2015/12/12 | 0.78 | | % | 20 |
| | | | Combined Train Cadmium (Cd) | 2015/12/12 | 0.77 | | % | 20 |
| | | | Combined Train Lead (Pb) | 2015/12/12 | 0.64 | | % | 20 |
| 4309663 | N_R | Method Blank | Combined Train Beryllium (Be) | 2015/12/12 | <0.10 | | ug | |
| | | | Combined Train Cadmium (Cd) | 2015/12/12 | <0.10 | | ug | |
| | | | Combined Train Lead (Pb) | 2015/12/12 | <0.20 | | ug | |
| 4309663 | N_R | RPD - Sample/Sample Dup | Combined Train Beryllium (Be) | 2015/12/12 | NC | | % | 20 |
| | | | Combined Train Cadmium (Cd) | 2015/12/12 | 3.4 | | % | 20 |
| | | | Combined Train Lead (Pb) | 2015/12/12 | 0.78 | | % | 20 |
| 4309667 | N_R | Matrix Spike(BLB070) | Combined Train Beryllium (Be) | 2015/12/15 | | 89 | % | 70 - 130 |
| | | | Combined Train Cadmium (Cd) | 2015/12/15 | | 96 | % | 70 - 130 |
| | | | Combined Train Lead (Pb) | 2015/12/15 | | 99 | % | 70 - 130 |
| 4309667 | N_R | Matrix Spike DUP(BLB070) | Combined Train Beryllium (Be) | 2015/12/15 | | 89 | % | 70 - 130 |
| | | | Combined Train Cadmium (Cd) | 2015/12/15 | | 93 | % | 70 - 130 |
| | | | Combined Train Lead (Pb) | 2015/12/15 | | 98 | % | 70 - 130 |
| 4309667 | N_R | MS/MSD RPD | Combined Train Beryllium (Be) | 2015/12/15 | 0 | | % | 20 |
| | | | Combined Train Cadmium (Cd) | 2015/12/15 | 3.2 | | % | 20 |
| | | | Combined Train Lead (Pb) | 2015/12/15 | 1.0 | | % | 20 |
| 4309667 | N_R | Spiked Blank | Combined Train Beryllium (Be) | 2015/12/15 | | 96 | % | 85 - 115 |
| | | | Combined Train Cadmium (Cd) | 2015/12/15 | | 97 | % | 85 - 115 |
| | | | Combined Train Lead (Pb) | 2015/12/15 | | 102 | % | 85 - 115 |
| 4309667 | N_R | Spiked Blank DUP | Combined Train Beryllium (Be) | 2015/12/15 | | 93 | % | 85 - 115 |
| | | | Combined Train Cadmium (Cd) | 2015/12/15 | | 96 | % | 85 - 115 |
| | | | Combined Train Lead (Pb) | 2015/12/15 | | 101 | % | 85 - 115 |
| 4309667 | N_R | RPD | Combined Train Beryllium (Be) | 2015/12/15 | 3.6 | | % | 20 |
| | | | Combined Train Cadmium (Cd) | 2015/12/15 | 1.6 | | % | 20 |
| | | | Combined Train Lead (Pb) | 2015/12/15 | 0.84 | | % | 20 |
| 4309667 | N_R | Method Blank | Combined Train Beryllium (Be) | 2015/12/15 | <0.10 | | ug | |
| | | | Combined Train Cadmium (Cd) | 2015/12/15 | <0.10 | | ug | |
| | | | Combined Train Lead (Pb) | 2015/12/15 | <0.20 | | ug | |
| 4309667 | N_R | RPD - Sample/Sample Dup | Combined Train Beryllium (Be) | 2015/12/15 | NC | | % | 20 |
| | | | Combined Train Cadmium (Cd) | 2015/12/15 | 0 | | % | 20 |
| | | | Combined Train Lead (Pb) | 2015/12/15 | 1.6 | | % | 20 |
| 4309670 | RON | Reagent Blank | 1B Mercury (Hg) | 2015/12/17 | <0.015 | | ug | |
| 4309670 | RON | Matrix Spike(BLB054) | 1B Mercury (Hg) | 2015/12/17 | | 99 | % | 85 - 115 |
| 4309670 | RON | Matrix Spike DUP(BLB054) | 1B Mercury (Hg) | 2015/12/17 | | 98 | % | 85 - 115 |
| 4309670 | RON | MS/MSD RPD | 1B Mercury (Hg) | 2015/12/17 | 0.71 | | % | 20 |
| 4309670 | RON | Spiked Blank | 1B Mercury (Hg) | 2015/12/17 | | 95 | % | 90 - 110 |
| 4309670 | RON | Spiked Blank DUP | 1B Mercury (Hg) | 2015/12/17 | | 98 | % | 90 - 110 |
| 4309670 | RON | RPD | 1B Mercury (Hg) | 2015/12/17 | 3.3 | | % | 20 |
| 4309670 | RON | Method Blank | 1B Mercury (Hg) | 2015/12/17 | <0.015 | | ug | |
| 4309670 | RON | RPD - Sample/Sample Dup | 1B Mercury (Hg) | 2015/12/17 | NC | | % | 20 |
| 4309671 | RON | Reagent Blank | 1B Mercury (Hg) | 2015/12/16 | <0.015 | | ug | |
| 4309671 | RON | Matrix Spike(BLB076) | 1B Mercury (Hg) | 2015/12/16 | | 99 | % | 85 - 115 |
| 4309671 | RON | Matrix Spike DUP(BLB076) | 1B Mercury (Hg) | 2015/12/16 | | 99 | % | 85 - 115 |



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Maxxam Job #: B5O5435
Report Date: 2015/12/18

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| 4309671 | RON | MS/MSD RPD | 1B Mercury (Hg) | 2015/12/16 | 0.61 | | % | 20 |
| 4309671 | RON | Spiked Blank | 1B Mercury (Hg) | 2015/12/16 | | 101 | % | 90 - 110 |
| 4309671 | RON | Spiked Blank DUP | 1B Mercury (Hg) | 2015/12/16 | | 100 | % | 90 - 110 |
| 4309671 | RON | RPD | 1B Mercury (Hg) | 2015/12/16 | 0.40 | | % | 20 |
| 4309671 | RON | Method Blank | 1B Mercury (Hg) | 2015/12/16 | <0.015 | | ug | |
| 4309671 | RON | RPD - Sample/Sample Dup | 1B Mercury (Hg) | 2015/12/16 | NC | | % | 20 |

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Reagent Blank: A blank matrix containing all reagents used in the analytical procedure. Used to determine any analytical contamination.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).



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Maxxam Job #: B505435
Report Date: 2015/12/18

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING

## VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

Frank Mo, B.Sc., Inorganic Lab. Manager

Ralph Siebert, Operations Manager - Inorganic Analyses

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# D2. Hazardous Air Pollutants (HAP)

Maxxam
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Your Project #: 15-098
Site Location: WTE RECYCLING
Your C.O.C. #: na

**Attention:Anthony Stratton**

Eastmount Environmental Services
2 New Pasture Road
Unit 5
Newburyport, MA
USA 1950

**Report Date: 2015/12/11**
Report #: R3802970
Version: 1 - Final

# CERTIFICATE OF ANALYSIS

**MAXXAM JOB #: B5O2922**
**Received: 2015/11/26, 07:50**

Sample Matrix: AIR
# Samples Received: 27

| Analyses | Quantity | Date Extracted | Date Analyzed | Laboratory Method | Reference |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | 18 | N/A | 2015/11/30 | BRL SOP-00304 | EPA TO-15 m |
| Canister Pressure (TO-15) | 9 | N/A | 2015/12/01 | BRL SOP-00304 | EPA TO-15 m |
| Light Hydrocarbons | 27 | N/A | 2015/12/09 | CAM SOP-00227 | GC/FID |
| Volatile Organics in Air (ug/m3) | 18 | N/A | 2015/12/01 | BRL SOP-00304 | EPA TO-15 m |
| Volatile Organics in Air (ug/m3) | 1 | N/A | 2015/12/02 | BRL SOP-00304 | EPA TO-15 m |
| Volatile Organics in Air (ug/m3) | 8 | N/A | 2015/12/03 | BRL SOP-00304 | EPA TO-15 m |
| Volatile Organics in Air (TO-15) (1) | 18 | N/A | 2015/11/30 | BRL SOP-00304 | EPA TO-15 m |
| Volatile Organics in Air (TO-15) (1) | 9 | N/A | 2015/12/01 | BRL SOP-00304 | EPA TO-15 m |

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO14A. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO14A on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Maxxam for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.

Encryption Key

Tarifur Rahman
11 Dec 2015 14:13:52 -05:00

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Tarifur Rahman, Project Manager - Air Toxics, Source Evaluation
Email: TRahman@maxxam.ca
Phone# (905) 817-5700

==========

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## RESULTS OF ANALYSES OF AIR

| Maxxam ID | | BKO109 | | | BKO110 | | | BKO111 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | | | 2015/11/18 | | | 2015/11/18 | | | |
| COC Number | | na | | | na | | | na | | | |
| | UNITS | AUTO-C1-R1 | MDL | QC Batch | AUTO-C1-R2 | MDL | QC Batch | AUTO-C1-R3 | MDL | QC Batch | RDL |
| Methane | ppm | <4.6 | 0.92 | 4305776 | <4.4 | 0.88 | 4305821 | <5 | 1 | 4305776 | 2 |
| Pressure on Receipt | psig | (-4.5) | N/A | 4293881 | (-4.5) | N/A | 4293881 | (-4.6) | N/A | 4293881 | N/A |

QC Batch = Quality Control Batch
N/A = Not Applicable

| Maxxam ID | | BKO112 | | | BKO113 | | | BKO114 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | | | 2015/11/18 | | | 2015/11/18 | | | |
| COC Number | | na | | | na | | | na | | | |
| | UNITS | AUTO-C2-R1 | MDL | QC Batch | AUTO-C2-R2 | MDL | QC Batch | AUTO-C2-R3 | MDL | QC Batch | RDL |
| Methane | ppm | <3.1 | 0.62 | 4305776 | <4.8 | 0.96 | 4305821 | 5.4 | 0.056 | 4305776 | 2 |
| Pressure on Receipt | psig | (-1.3) | N/A | 4293881 | (-7.8) | N/A | 4293881 | (-7.6) | N/A | 4293881 | N/A |

QC Batch = Quality Control Batch
N/A = Not Applicable

| Maxxam ID | | BKO115 | | | BKO116 | BKO116 | | | BKO117 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | | | 2015/11/18 | 2015/11/18 | | | 2015/11/18 | | | |
| COC Number | | na | | | na | na | | | na | | | |
| | UNITS | AUTO-C3-R1 | MDL | QC Batch | AUTO-C3-R2 | AUTO-C3-R2 Lab-Dup | MDL | QC Batch | AUTO-C3-R3 | MDL | QC Batch | RDL |
| Methane | ppm | <4.6 | 0.92 | 4305821 | <4.7 | <4.7 | 0.94 | 4305776 | <5.2 | 1 | 4305821 | 2 |
| Pressure on Receipt | psig | (-5.8) | N/A | 4293881 | (-5.8) | N/A | N/A | 4293881 | (-5.9) | N/A | 4293881 | N/A |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

| Maxxam ID | | BKO118 | | | BKO119 | | BKO120 | | BKO121 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | | | 2015/11/19 | | 2015/11/19 | | 2015/11/19 | | | |
| COC Number | | na | | | na | | na | | na | | | |
| | UNITS | MUNI-C1-R1 | MDL | QC Batch | MUNI-C1-R2 | MDL | MUNI-C1-R3 | MDL | MUNI-C2-R1 | MDL | QC Batch | RDL |
| Methane | ppm | <3.8 | 0.76 | 4305821 | <4.4 | 0.88 | <3.8 | 0.76 | <4.6 | 0.92 | 4305821 | 2 |
| Pressure on Receipt | psig | (-3.1) | N/A | 4293881 | (-4.5) | N/A | (-2.7) | N/A | (-4.8) | N/A | 4292864 | N/A |

QC Batch = Quality Control Batch
N/A = Not Applicable



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## RESULTS OF ANALYSES OF AIR

| Maxxam ID | | BKO122 | BKO123 | | BKO124 | BKO124 | | BKO125 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | 2015/11/19 | | 2015/11/19 | 2015/11/19 | | 2015/11/19 | | | |
| COC Number | | na | na | | na | na | | na | | | |
| | UNITS | MUNI-C2-R2 | MUNI-C2-R3 | MDL | MUNI-C3-R1 | MUNI-C3-R1 Lab-Dup | MDL | MUNI-C3-R2 | MDL | QC Batch | RDL |
| Methane | ppm | <5.2 | <5 | 1 | <6 | <6 | 1.2 | <4.6 | 0.92 | 4305821 | 2 |
| Pressure on Receipt | psig | (-6.1) | (-5.5) | N/A | (-6.9) | N/A | N/A | (-7.6) | N/A | 4292864 | N/A |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

| Maxxam ID | | BKO126 | | | BKO127 | | | BKO128 | BKO129 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | | | 2015/11/20 | | | 2015/11/20 | 2015/11/20 | | | |
| COC Number | | na | | | na | | | na | na | | | |
| | UNITS | MUNI-C3-R3 | MDL | QC Batch | BLEND-C1-R1 | MDL | QC Batch | BLEND-C1-R2 | BLEND-C1-R3 | MDL | QC Batch | RDL |
| Methane | ppm | <4.8 | 0.96 | 4305821 | <4.4 | 0.88 | 4305821 | <4.8 | <4.8 | 0.96 | 4305821 | 2 |
| Pressure on Receipt | psig | (-7.6) | N/A | 4295510 | (-4.5) | N/A | 4292864 | (-4.5) | (-4.5) | N/A | 4297474 | N/A |

QC Batch = Quality Control Batch
N/A = Not Applicable

| Maxxam ID | | BKO130 | | | BKO131 | | | BKO132 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | | 2015/11/20 | | | 2015/11/20 | | | |
| COC Number | | na | | | na | | | na | | | |
| | UNITS | BLEND-C2-R1 | MDL | QC Batch | BLEND-C2-R2 | MDL | QC Batch | BLEND-C2-R3 | MDL | QC Batch | RDL |
| Methane | ppm | <5.4 | 1.1 | 4305776 | <19 | 3.8 | 4305821 | <4.8 | 0.96 | 4305776 | 2 |
| Pressure on Receipt | psig | (-5.6) | N/A | 4297474 | (-13) | N/A | 4297474 | (-5.8) | N/A | 4297474 | N/A |

QC Batch = Quality Control Batch
N/A = Not Applicable

| Maxxam ID | | BKO133 | | BKO134 | BKO135 | | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | 2015/11/20 | 2015/11/20 | | | |
| COC Number | | na | | na | na | | | |
| | UNITS | BLEND-C3-R1 | MDL | BLEND-C3-R2 | BLEND-C3-R3 | MDL | QC Batch | RDL |
| Methane | ppm | <3.2 | 0.64 | <4.8 | <4.8 | 0.96 | 4305821 | 2 |
| Pressure on Receipt | psig | (-7.6) | N/A | (-7.9) | (-8.1) | N/A | 4297474 | N/A |

QC Batch = Quality Control Batch
N/A = Not Applicable



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A Bureau Veritas Group Company

Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO109 | BKO109 | | BKO110 | | BKO111 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | 2015/11/18 | | 2015/11/18 | | 2015/11/18 | | | |
| COC Number | | na | na | | na | | na | | | |
| | UNITS | AUTO-C1-R1 | AUTO-C1-R1 Lab-Dup | MDL | AUTO-C1-R2 | MDL | AUTO-C1-R3 | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ppbv | 88.4 | 83.1 | 0.10 | 34.9 | 0.10 | 2.73 | 0.10 | 4293619 | 0.20 |
| 1,2-Dichlorotetrafluoroethane | ppbv | <0.17 | <0.17 | 0.10 | <0.17 | 0.10 | <0.17 | 0.10 | 4293619 | 0.17 |
| Chloromethane | ppbv | 1.07 | 0.96 | 0.10 | 0.94 | 0.10 | 0.96 | 0.10 | 4293619 | 0.30 |
| Vinyl Chloride | ppbv | 0.48 | 0.46 | 0.10 | 0.50 | 0.10 | 0.47 | 0.10 | 4293619 | 0.10 |
| Chloroethane | ppbv | <0.30 | <0.30 | 0.10 | <0.30 | 0.10 | <0.30 | 0.10 | 4293619 | 0.30 |
| 1,3-Butadiene | ppbv | <0.50 | <0.50 | 0.10 | <0.50 | 0.10 | <0.50 | 0.10 | 4293619 | 0.50 |
| Trichlorofluoromethane (FREON 11) | ppbv | 1.35 | 1.31 | 0.10 | 11.6 | 0.10 | 2.54 | 0.10 | 4293619 | 0.20 |
| Ethanol (ethyl alcohol) | ppbv | 2690 | 2640 | 29 | 3870 | 44 | 4840 | 50 | 4293619 | 1.0 |
| Trichlorotrifluoroethane | ppbv | <0.15 | <0.15 | 0.10 | <0.15 | 0.10 | <0.15 | 0.10 | 4293619 | 0.15 |
| 2-propanol | ppbv | 887 | 943 | 6.0 | 632 | 6.0 | 192 | 6.0 | 4293619 | 1.0 |
| 2-Propanone | ppbv | 632 | 683 | 2.0 | 1250 | 2.0 | 1430 | 2.0 | 4293619 | 0.80 |
| Methyl Ethyl Ketone (2-Butanone) | ppbv | 310 | 324 | 6.0 | 451 | 6.0 | 464 | 6.0 | 4293619 | 1.0 |
| Methyl Isobutyl Ketone | ppbv | 7.4 | 6.6 | 0.70 | 5.1 | 0.70 | 4.8 | 0.70 | 4293619 | 1.0 |
| Methyl Butyl Ketone (2-Hexanone) | ppbv | <2.6 | <2.6 | 1.0 | <2.6 | 1.0 | <1.0 | 0.40 | 4293619 | 1.0 |
| Methyl t-butyl ether (MTBE) | ppbv | <7.3 | <7.3 | 3.7 | 3.92 | 0.10 | 7.52 | 0.10 | 4293619 | 0.20 |
| Ethyl Acetate | ppbv | 21.0 | 17.3 | 0.50 | 26.5 | 0.50 | 40.3 | 0.50 | 4293619 | 1.0 |
| 1,1-Dichloroethylene | ppbv | 2.39 | 2.21 | 0.10 | <2.6 | 2.6 | <2.8 | 2.8 | 4293619 | 0.10 |
| cis-1,2-Dichloroethylene | ppbv | <0.10 | <0.10 | 0.10 | <0.10 | 0.10 | <0.10 | 0.10 | 4293619 | 0.10 |
| trans-1,2-Dichloroethylene | ppbv | <0.10 | <0.10 | 0.10 | <0.10 | 0.10 | <0.10 | 0.10 | 4293619 | 0.10 |
| Methylene Chloride(Dichloromethane) | ppbv | 24.1 | 21.2 | 0.10 | 3.56 | 0.10 | 5.73 | 0.10 | 4293619 | 0.80 |
| Chloroform | ppbv | <0.50 | <0.50 | 0.50 | <0.40 | 0.40 | <0.50 | 0.50 | 4293619 | 0.10 |
| Carbon Tetrachloride | ppbv | <0.10 | <0.10 | 0.10 | <0.10 | 0.10 | <0.10 | 0.10 | 4293619 | 0.10 |
| 1,1-Dichloroethane | ppbv | <0.70 | <0.70 | 0.70 | <0.90 | 0.90 | <0.80 | 0.80 | 4293619 | 0.10 |
| 1,2-Dichloroethane | ppbv | <0.10 | <0.10 | 0.10 | <0.10 | 0.10 | <0.10 | 0.10 | 4293619 | 0.10 |
| Ethylene Dibromide | ppbv | <0.10 | <0.10 | 0.10 | <0.10 | 0.10 | <0.10 | 0.10 | 4293619 | 0.10 |
| 1,1,1-Trichloroethane | ppbv | 0.28 | 0.25 | 0.10 | 0.11 | 0.10 | <0.10 | 0.10 | 4293619 | 0.10 |
| 1,1,2-Trichloroethane | ppbv | <0.10 | <0.10 | 0.10 | <0.10 | 0.10 | <0.10 | 0.10 | 4293619 | 0.10 |
| 1,1,2,2-Tetrachloroethane | ppbv | <0.10 | <0.10 | 0.10 | <0.10 | 0.10 | <0.10 | 0.10 | 4293619 | 0.10 |
| cis-1,3-Dichloropropene | ppbv | <0.10 | <0.10 | 0.10 | <0.10 | 0.10 | <0.10 | 0.10 | 4293619 | 0.10 |
| trans-1,3-Dichloropropene | ppbv | <0.10 | <0.10 | 0.10 | <0.10 | 0.10 | <0.10 | 0.10 | 4293619 | 0.10 |
| 1,2-Dichloropropane | ppbv | <0.10 | <0.10 | 0.10 | <0.80 | 0.80 | <0.80 | 0.80 | 4293619 | 0.10 |
| Bromomethane | ppbv | 0.12 | 0.12 | 0.10 | 0.13 | 0.10 | 0.11 | 0.10 | 4293619 | 0.10 |
| Bromoform | ppbv | <0.20 | <0.20 | 0.10 | <0.20 | 0.10 | <0.20 | 0.10 | 4293619 | 0.20 |
| Bromodichloromethane | ppbv | <0.20 | <0.20 | 0.10 | <0.20 | 0.10 | <0.20 | 0.10 | 4293619 | 0.20 |
| Dibromochloromethane | ppbv | <0.20 | <0.20 | 0.10 | <0.20 | 0.10 | <0.20 | 0.10 | 4293619 | 0.20 |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate



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Maxxam
A Bureau Veritas Group Company

Maxxam Job #: BSO2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO109 | BKO109 | | BKO110 | | BKO111 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | 2015/11/18 | | 2015/11/18 | | 2015/11/18 | | | |
| COC Number | | na | na | | na | | na | | | |
| | UNITS | AUTO-C1-R1 | AUTO-C1-R1 Lab-Dup | MDL | AUTO-C1-R2 | MDL | AUTO-C1-R3 | MDL | QC Batch | RDL |
| Trichloroethylene | ppbv | <0.10 | 0.11 | 0.10 | <0.20 | 0.20 | <0.50 | 0.50 | 4293619 | 0.10 |
| Tetrachloroethylene | ppbv | 1.06 | 1.04 | 0.10 | 0.25 | 0.10 | 0.71 | 0.10 | 4293619 | 0.10 |
| Benzene | ppbv | 127 | 133 | 1.0 | 205 | 1.0 | 202 | 1.0 | 4293619 | 0.10 |
| Toluene | ppbv | 505 | 534 | 1.0 | 899 | 1.0 | 1030 | 1.0 | 4293619 | 0.10 |
| Ethylbenzene | ppbv | 85.7 | 90.1 | 1.0 | 151 | 1.0 | 162 | 1.0 | 4293619 | 0.10 |
| p+m-Xylene | ppbv | 292 | 308 | 1.0 | 508 | 1.0 | 518 | 1.0 | 4293619 | 0.20 |
| o-Xylene | ppbv | 106 | 113 | 1.0 | 188 | 1.0 | 189 | 1.0 | 4293619 | 0.10 |
| Styrene | ppbv | 29.9 | 29.6 | 0.10 | 34.7 | 0.10 | 32.5 | 0.10 | 4293619 | 0.10 |
| 4-ethyltoluene | ppbv | 29.9 | 29.2 | 0.50 | 51.0 | 0.50 | 52.8 | 0.50 | 4293619 | 0.50 |
| 1,3,5-Trimethylbenzene | ppbv | 30.7 | 29.6 | 0.10 | 50.9 | 0.10 | 51.6 | 0.10 | 4293619 | 0.50 |
| 1,2,4-Trimethylbenzene | ppbv | 97.3 | 94.4 | 0.10 | 146 | 1.0 | 141 | 1.0 | 4293619 | 0.50 |
| Chlorobenzene | ppbv | <0.10 | <0.10 | 0.10 | <0.10 | 0.10 | <0.10 | 0.10 | 4293619 | 0.10 |
| Benzyl chloride | ppbv | <0.50 | <0.50 | 0.20 | <0.50 | 0.20 | <0.50 | 0.20 | 4293619 | 0.50 |
| 1,3-Dichlorobenzene | ppbv | <0.40 | <0.40 | 0.10 | <0.40 | 0.10 | <0.40 | 0.10 | 4293619 | 0.40 |
| 1,4-Dichlorobenzene | ppbv | <0.10 | <0.10 | 0.10 | <0.10 | 0.10 | <0.10 | 0.10 | 4293619 | 0.10 |
| 1,2-Dichlorobenzene | ppbv | <0.10 | <0.10 | 0.10 | <0.10 | 0.10 | <0.10 | 0.10 | 4293619 | 0.10 |
| 1,2,4-Trichlorobenzene | ppbv | <0.50 | <0.50 | 0.40 | <0.50 | 0.40 | <0.50 | 0.40 | 4293619 | 0.50 |
| Hexachlorobutadiene | ppbv | <0.50 | <0.50 | 0.50 | <0.50 | 0.50 | <0.50 | 0.50 | 4293619 | 0.50 |
| Hexane | ppbv | 343 | 362 | 1.0 | 533 | 1.0 | 517 | 1.0 | 4293619 | 0.30 |
| Heptane | ppbv | 175 | 152 | 0.10 | 226 | 1.0 | 232 | 1.0 | 4293619 | 0.30 |
| Cyclohexane | ppbv | 162 | 150 | 0.10 | 172 | 0.10 | 170 | 0.10 | 4293619 | 0.20 |
| Tetrahydrofuran | ppbv | 105 | 109 | 1.0 | 43.0 | 1.0 | 61.8 | 1.0 | 4293619 | 0.40 |
| 1,4-Dioxane | ppbv | <1.7 | <1.7 | 0.68 | <1.8 | 0.72 | <1.8 | 0.72 | 4293619 | 1.0 |
| Naphthalene | ppbv | 2.33 | 2.36 | N/A | 6.81 | N/A | 7.69 | N/A | 4293619 | 0.50 |
| Total Xylenes | ppbv | 398 | 421 | 1.0 | 696 | 1.0 | 707 | 1.0 | 4293619 | 0.30 |
| 1,1,1,2-Tetrachloroethane | ppbv | <0.10 | <0.10 | N/A | <0.10 | N/A | <0.10 | N/A | 4293619 | 0.10 |
| Vinyl Bromide | ppbv | <0.20 | <0.20 | 0.10 | <0.20 | 0.10 | <0.20 | 0.10 | 4293619 | 0.20 |
| Propene | ppbv | 97.2 | 83.3 | 0.30 | 78.4 | 0.30 | 81.8 | 0.30 | 4293619 | 0.50 |
| 2,2,4-Trimethylpentane | ppbv | 236 | 252 | 1.0 | 316 | 1.0 | 397 | 1.0 | 4293619 | 0.20 |
| Carbon Disulfide | ppbv | <0.50 | <0.50 | 0.10 | <0.50 | 0.10 | <0.50 | 0.10 | 4293619 | 0.50 |
| Vinyl Acetate | ppbv | <53 | <53 | 27 | <63 | 32 | <60 | 30 | 4293619 | 0.20 |
| **Surrogate Recovery (%)** | | | | | | | | | | |
| Bromochloromethane | % | 82 | 100 | N/A | 103 | N/A | 104 | N/A | 4293619 | N/A |
| DS-Chlorobenzene | % | 84 | 92 | N/A | 95 | N/A | 94 | N/A | 4293619 | N/A |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO109 | BKO109 | | BKO110 | | BKO111 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | 2015/11/18 | | 2015/11/18 | | 2015/11/18 | | | |
| COC Number | | na | na | | na | | na | | | |
| | UNITS | AUTO-C1-R1 | AUTO-C1-R1 Lab-Dup | MDL | AUTO-C1-R2 | MDL | AUTO-C1-R3 | MDL | QC Batch | RDL |
| Difluorobenzene | % | 81 | 95 | N/A | 99 | N/A | 99 | N/A | 4293619 | N/A |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable


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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO112 | | BKO113 | | BKO114 | | BKO115 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | | 2015/11/18 | | 2015/11/18 | | 2015/11/18 | | | |
| COC Number | | na | | na | | na | | na | | | |
| | UNITS | AUTO-C2-R1 | MDL | AUTO-C2-R2 | MDL | AUTO-C2-R3 | MDL | AUTO-C3-R1 | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ppbv | 0.54 | 0.10 | <0.48 | 0.24 | 0.47 | 0.21 | 0.53 | 0.10 | 4293619 | 0.20 |
| 1,2-Dichlorotetrafluoroethane | ppbv | <0.17 | 0.10 | <0.41 | 0.24 | <0.36 | 0.21 | <0.17 | 0.10 | 4293619 | 0.17 |
| Chloromethane | ppbv | 0.36 | 0.10 | <0.72 | 0.24 | <0.63 | 0.21 | 0.38 | 0.10 | 4293619 | 0.30 |
| Vinyl Chloride | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| Chloroethane | ppbv | <0.30 | 0.10 | <0.72 | 0.24 | <0.63 | 0.21 | <0.30 | 0.10 | 4293619 | 0.30 |
| 1,3-Butadiene | ppbv | <0.50 | 0.10 | <1.2 | 0.24 | <1.1 | 0.22 | <0.50 | 0.10 | 4293619 | 0.50 |
| Trichlorofluoromethane (FREON 11) | ppbv | 0.45 | 0.10 | <0.48 | 0.24 | <0.42 | 0.21 | 0.37 | 0.10 | 4293619 | 0.20 |
| Ethanol (ethyl alcohol) | ppbv | 345 | 2.5 | 358 | 2.4 | 948 | 11 | 5.7 | 0.50 | 4293619 | 1.0 |
| Trichlorotrifluoroethane | ppbv | <0.15 | 0.10 | <0.36 | 0.24 | <0.32 | 0.21 | <0.15 | 0.10 | 4293619 | 0.15 |
| 2-propanol | ppbv | 98.5 | 0.60 | 2.8 | 1.4 | 4.2 | 1.3 | <1.0 | 0.60 | 4293619 | 1.0 |
| 2-Propanone | ppbv | 1400 | 2.0 | 49.1 | 0.48 | 24.4 | 0.43 | 6.72 | 0.20 | 4293619 | 0.80 |
| Methyl Ethyl Ketone (2-Butanone) | ppbv | 14.0 | 0.60 | 2.7 | 1.4 | 3.2 | 1.3 | 1.0 | 0.60 | 4293619 | 1.0 |
| Methyl Isobutyl Ketone | ppbv | <1.0 | 0.70 | <2.4 | 1.7 | <2.1 | 1.5 | <1.0 | 0.70 | 4293619 | 1.0 |
| Methyl Butyl Ketone (2-Hexanone) | ppbv | <1.0 | 0.40 | <2.4 | 0.96 | <2.1 | 0.84 | <1.0 | 0.40 | 4293619 | 1.0 |
| Methyl t-butyl ether (MTBE) | ppbv | <0.20 | 0.10 | <0.48 | 0.24 | 0.61 | 0.21 | <0.20 | 0.10 | 4293619 | 0.20 |
| Ethyl Acetate | ppbv | <1.0 | 0.50 | <2.4 | 1.2 | <2.1 | 1.1 | <1.0 | 0.50 | 4293619 | 1.0 |
| 1,1-Dichloroethylene | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| cis-1,2-Dichloroethylene | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| trans-1,2-Dichloroethylene | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| Methylene Chloride(Dichloromethane) | ppbv | <0.80 | 0.10 | <1.9 | 0.24 | <1.7 | 0.21 | <0.80 | 0.10 | 4293619 | 0.80 |
| Chloroform | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| Carbon Tetrachloride | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| 1,1-Dichloroethane | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| 1,2-Dichloroethane | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| Ethylene Dibromide | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| 1,1,1-Trichloroethane | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| 1,1,2-Trichloroethane | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| 1,1,2,2-Tetrachloroethane | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| cis-1,3-Dichloropropene | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| trans-1,3-Dichloropropene | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| 1,2-Dichloropropane | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| Bromomethane | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| Bromoform | ppbv | <0.20 | 0.10 | <0.48 | 0.24 | <0.42 | 0.21 | <0.20 | 0.10 | 4293619 | 0.20 |
| Bromodichloromethane | ppbv | <0.20 | 0.10 | <0.48 | 0.24 | <0.42 | 0.21 | <0.20 | 0.10 | 4293619 | 0.20 |
| Dibromochloromethane | ppbv | <0.20 | 0.10 | <0.48 | 0.24 | <0.42 | 0.21 | <0.20 | 0.10 | 4293619 | 0.20 |
| Trichloroethylene | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| QC Batch = Quality Control Batch | | | | | | | | | | | |



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO112 | | BKO113 | | BKO114 | | BKO115 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | | 2015/11/18 | | 2015/11/18 | | 2015/11/18 | | | |
| COC Number | | na | | na | | na | | na | | | |
| | UNITS | AUTO-C2-R1 | MDL | AUTO-C2-R2 | MDL | AUTO-C2-R3 | MDL | AUTO-C3-R1 | MDL | QC Batch | RDL |
| Tetrachloroethylene | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | 0.16 | 0.10 | 4293619 | 0.10 |
| Benzene | ppbv | 7.50 | 0.10 | 10.3 | 0.24 | 13.0 | 0.21 | 0.82 | 0.10 | 4293619 | 0.10 |
| Toluene | ppbv | 193 | 0.50 | 431 | 0.48 | 428 | 0.84 | 3.70 | 0.10 | 4293619 | 0.10 |
| Ethylbenzene | ppbv | 4.96 | 0.10 | 7.81 | 0.24 | 9.41 | 0.21 | 0.51 | 0.10 | 4293619 | 0.10 |
| p+m-Xylene | ppbv | 18.6 | 0.10 | 27.8 | 0.24 | 33.3 | 0.21 | 1.68 | 0.10 | 4293619 | 0.20 |
| o-Xylene | ppbv | 7.11 | 0.10 | 10.5 | 0.24 | 12.5 | 0.21 | 0.64 | 0.10 | 4293619 | 0.10 |
| Styrene | ppbv | 0.94 | 0.10 | 0.96 | 0.24 | 1.46 | 0.21 | 0.16 | 0.10 | 4293619 | 0.10 |
| 4-ethyltoluene | ppbv | 1.92 | 0.50 | 2.4 | 1.2 | 3.0 | 1.1 | <0.50 | 0.50 | 4293619 | 0.50 |
| 1,3,5-Trimethylbenzene | ppbv | 4.01 | 0.10 | 2.9 | 0.24 | 3.2 | 0.22 | <0.50 | 0.10 | 4293619 | 0.50 |
| 1,2,4-Trimethylbenzene | ppbv | 6.71 | 0.10 | 8.2 | 0.24 | 9.8 | 0.22 | 0.51 | 0.10 | 4293619 | 0.50 |
| Chlorobenzene | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| Benzyl chloride | ppbv | <0.50 | 0.20 | <1.2 | 0.48 | <1.1 | 0.44 | <0.50 | 0.20 | 4293619 | 0.50 |
| 1,3-Dichlorobenzene | ppbv | <0.40 | 0.10 | <0.96 | 0.24 | <0.84 | 0.21 | <0.40 | 0.10 | 4293619 | 0.40 |
| 1,4-Dichlorobenzene | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| 1,2-Dichlorobenzene | ppbv | <0.10 | 0.10 | <0.24 | 0.24 | <0.21 | 0.21 | <0.10 | 0.10 | 4293619 | 0.10 |
| 1,2,4-Trichlorobenzene | ppbv | <0.50 | 0.40 | <1.2 | 0.96 | <1.1 | 0.88 | <0.50 | 0.40 | 4293619 | 0.50 |
| Hexachlorobutadiene | ppbv | <0.50 | 0.50 | <1.2 | 1.2 | <1.1 | 1.1 | <0.50 | 0.50 | 4293619 | 0.50 |
| Hexane | ppbv | 12.2 | 0.10 | 18.3 | 0.24 | 25.6 | 0.21 | 1.08 | 0.10 | 4293619 | 0.30 |
| Heptane | ppbv | 51.2 | 0.10 | 128 | 0.24 | 128 | 0.21 | 0.84 | 0.10 | 4293619 | 0.30 |
| Cyclohexane | ppbv | 6.72 | 0.10 | 6.76 | 0.24 | 8.88 | 0.21 | 0.38 | 0.10 | 4293619 | 0.20 |
| Tetrahydrofuran | ppbv | <1.1 | 0.28 | <0.96 | 0.24 | 2.62 | 0.21 | <0.40 | 0.10 | 4293619 | 0.40 |
| 1,4-Dioxane | ppbv | 4.2 | 0.40 | <2.4 | 0.96 | <2.1 | 0.84 | <1.0 | 0.40 | 4293619 | 1.0 |
| Naphthalene | ppbv | 2.78 | N/A | 1.6 | N/A | 1.4 | N/A | <0.50 | N/A | 4293619 | 0.50 |
| Total Xylenes | ppbv | 25.7 | 0.10 | 38.3 | 0.24 | 45.8 | 0.21 | 2.32 | 0.10 | 4293619 | 0.30 |
| 1,1,1,2-Tetrachloroethane | ppbv | <0.10 | N/A | <0.24 | N/A | <0.21 | N/A | <0.10 | N/A | 4293619 | 0.10 |
| Vinyl Bromide | ppbv | <0.20 | 0.10 | <0.48 | 0.24 | <0.42 | 0.21 | <0.20 | 0.10 | 4293619 | 0.20 |
| Propene | ppbv | 2.61 | 0.30 | 2.1 | 0.72 | 1.6 | 0.66 | 3.27 | 0.30 | 4293619 | 0.50 |
| 2,2,4-Trimethylpentane | ppbv | 9.07 | 0.10 | 10.4 | 0.24 | 13.5 | 0.21 | 0.64 | 0.10 | 4293619 | 0.20 |
| Carbon Disulfide | ppbv | <0.50 | 0.10 | <1.2 | 0.24 | <1.1 | 0.22 | <0.50 | 0.10 | 4293619 | 0.50 |
| Vinyl Acetate | ppbv | <1.3 | 0.65 | <2.4 | 1.2 | <3.4 | 1.7 | <0.20 | 0.10 | 4293619 | 0.20 |
| **Surrogate Recovery (%)** | | | | | | | | | | | |
| Bromochloromethane | % | 113 | N/A | 112 | N/A | 108 | N/A | 101 | N/A | 4293619 | N/A |
| D5-Chlorobenzene | % | 102 | N/A | 104 | N/A | 98 | N/A | 88 | N/A | 4293619 | N/A |
| Difluorobenzene | % | 109 | N/A | 111 | N/A | 105 | N/A | 96 | N/A | 4293619 | N/A |

QC Batch = Quality Control Batch
N/A = Not Applicable



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Maxxam
A Bureau Veritas Group Company

Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO116 | BKO117 | | BKO118 | | | BKO119 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | 2015/11/18 | | 2015/11/19 | | | 2015/11/19 | | | |
| COC Number | | na | na | | na | | | na | | | |
| | UNITS | AUTO-C3-R2 | AUTO-C3-R3 | MDL | MUNI-C1-R1 | MDL | QC Batch | MUNI-C1-R2 | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ppbv | 0.44 | 0.46 | 0.10 | 241 | 48 | 4293619 | <44 | 22 | 4293803 | 0.20 |
| 1,2-Dichlorotetrafluoroethane | ppbv | <0.17 | <0.17 | 0.10 | <81 | 48 | 4293619 | <37 | 22 | 4293803 | 0.17 |
| Chloromethane | ppbv | 0.39 | 0.43 | 0.10 | <140 | 47 | 4293619 | <66 | 22 | 4293803 | 0.30 |
| Vinyl Chloride | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| Chloroethane | ppbv | <0.30 | <0.30 | 0.10 | <140 | 47 | 4293619 | <66 | 22 | 4293803 | 0.30 |
| 1,3-Butadiene | ppbv | <0.50 | <0.50 | 0.10 | <240 | 48 | 4293619 | <110 | 22 | 4293803 | 0.50 |
| Trichlorofluoromethane (FREON 11) | ppbv | 0.28 | 0.35 | 0.10 | 197 | 48 | 4293619 | 55 | 22 | 4293803 | 0.20 |
| Ethanol (ethyl alcohol) | ppbv | 11.9 | 10.9 | 0.50 | 13100 | 240 | 4293619 | 27200 | 220 | 4293803 | 1.0 |
| Trichlorotrifluoroethane | ppbv | <0.15 | <0.15 | 0.10 | <71 | 47 | 4293619 | <33 | 22 | 4293803 | 0.15 |
| 2-propanol | ppbv | <1.0 | <1.0 | 0.60 | <1700 | 1000 | 4293619 | 3400 | 130 | 4293803 | 1.0 |
| 2-Propanone | ppbv | 2.62 | 2.64 | 0.20 | 41600 | 95 | 4293619 | 46300 | 88 | 4293803 | 0.80 |
| Methyl Ethyl Ketone (2-Butanone) | ppbv | <1.0 | <1.0 | 0.60 | 5620 | 290 | 4293619 | 5480 | 130 | 4293803 | 1.0 |
| Methyl Isobutyl Ketone | ppbv | <1.0 | <1.0 | 0.70 | 737 | 340 | 4293619 | 778 | 150 | 4293803 | 1.0 |
| Methyl Butyl Ketone (2-Hexanone) | ppbv | <1.0 | <1.0 | 0.40 | <480 | 190 | 4293619 | <220 | 88 | 4293803 | 1.0 |
| Methyl t-butyl ether (MTBE) | ppbv | <0.20 | <0.20 | 0.10 | <95 | 48 | 4293619 | 80 | 22 | 4293803 | 0.20 |
| Ethyl Acetate | ppbv | <1.0 | <1.0 | 0.50 | 1320 | 240 | 4293619 | 1150 | 110 | 4293803 | 1.0 |
| 1,1-Dichloroethylene | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| cis-1,2-Dichloroethylene | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| trans-1,2-Dichloroethylene | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | 41 | 22 | 4293803 | 0.10 |
| Methylene Chloride(Dichloromethane) | ppbv | <0.80 | <0.80 | 0.10 | 5980 | 48 | 4293619 | 4600 | 23 | 4293803 | 0.80 |
| Chloroform | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | 50 | 22 | 4293803 | 0.10 |
| Carbon Tetrachloride | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| 1,1-Dichloroethane | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| 1,2-Dichloroethane | ppbv | <0.10 | 0.25 | 0.10 | 62 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| Ethylene Dibromide | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| 1,1,1-Trichloroethane | ppbv | <0.10 | <0.10 | 0.10 | 434 | 48 | 4293619 | 1170 | 22 | 4293803 | 0.10 |
| 1,1,2-Trichloroethane | ppbv | <0.10 | 0.10 | 0.10 | <48 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| 1,1,2,2-Tetrachloroethane | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| cis-1,3-Dichloropropene | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| trans-1,3-Dichloropropene | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| 1,2-Dichloropropane | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| Bromomethane | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| Bromoform | ppbv | <0.20 | <0.20 | 0.10 | <95 | 48 | 4293619 | <44 | 22 | 4293803 | 0.20 |
| Bromodichloromethane | ppbv | <0.20 | <0.20 | 0.10 | <95 | 48 | 4293619 | <44 | 22 | 4293803 | 0.20 |
| Dibromochloromethane | ppbv | <0.20 | <0.20 | 0.10 | <95 | 48 | 4293619 | <44 | 22 | 4293803 | 0.20 |
| Trichloroethylene | ppbv | <0.10 | <0.10 | 0.10 | 583 | 48 | 4293619 | <150 | 150 | 4293803 | 0.10 |

QC Batch = Quality Control Batch



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Maxxam
A Bureau Veritas Group Company

Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO116 | BKO117 | | BKO118 | | | BKO119 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | 2015/11/18 | | 2015/11/19 | | | 2015/11/19 | | | |
| COC Number | | na | na | | na | | | na | | | |
| | UNITS | AUTO-C3-R2 | AUTO-C3-R3 | MDL | MUNI-C1-R1 | MDL | QC Batch | MUNI-C1-R2 | MDL | QC Batch | RDL |
| Tetrachloroethylene | ppbv | <0.10 | <0.10 | 0.10 | 1270 | 48 | 4293619 | 1730 | 22 | 4293803 | 0.10 |
| Benzene | ppbv | 0.64 | 0.58 | 0.10 | 74 | 48 | 4293619 | 49 | 22 | 4293803 | 0.10 |
| Toluene | ppbv | 2.19 | 2.47 | 0.10 | 11800 | 48 | 4293619 | 14200 | 22 | 4293803 | 0.10 |
| Ethylbenzene | ppbv | 0.35 | 0.34 | 0.10 | 1120 | 48 | 4293619 | 1640 | 22 | 4293803 | 0.10 |
| p+m-Xylene | ppbv | 1.15 | 1.07 | 0.10 | 3660 | 48 | 4293619 | 5840 | 22 | 4293803 | 0.20 |
| o-Xylene | ppbv | 0.46 | 0.42 | 0.10 | 1120 | 48 | 4293619 | 1860 | 22 | 4293803 | 0.10 |
| Styrene | ppbv | 0.14 | <0.10 | 0.10 | 1120 | 48 | 4293619 | 1370 | 22 | 4293803 | 0.10 |
| 4-ethyltoluene | ppbv | <0.50 | <0.50 | 0.50 | <240 | 240 | 4293619 | 328 | 110 | 4293803 | 0.50 |
| 1,3,5-Trimethylbenzene | ppbv | <0.50 | <0.50 | 0.10 | <240 | 48 | 4293619 | 347 | 22 | 4293803 | 0.50 |
| 1,2,4-Trimethylbenzene | ppbv | <0.50 | <0.50 | 0.10 | 515 | 48 | 4293619 | 900 | 22 | 4293803 | 0.50 |
| Chlorobenzene | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| Benzyl chloride | ppbv | <0.50 | <0.50 | 0.20 | <240 | 96 | 4293619 | <110 | 44 | 4293803 | 0.50 |
| 1,3-Dichlorobenzene | ppbv | <0.40 | <0.40 | 0.10 | <190 | 48 | 4293619 | <88 | 22 | 4293803 | 0.40 |
| 1,4-Dichlorobenzene | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| 1,2-Dichlorobenzene | ppbv | <0.10 | <0.10 | 0.10 | <48 | 48 | 4293619 | <22 | 22 | 4293803 | 0.10 |
| 1,2,4-Trichlorobenzene | ppbv | <0.50 | <0.50 | 0.40 | <240 | 190 | 4293619 | <110 | 88 | 4293803 | 0.50 |
| Hexachlorobutadiene | ppbv | <0.50 | <0.50 | 0.50 | <240 | 240 | 4293619 | <110 | 110 | 4293803 | 0.50 |
| Hexane | ppbv | 0.88 | 1.26 | 0.10 | 2330 | 47 | 4293619 | 1850 | 22 | 4293803 | 0.30 |
| Heptane | ppbv | 0.46 | 0.56 | 0.10 | 2450 | 47 | 4293619 | 2780 | 22 | 4293803 | 0.30 |
| Cyclohexane | ppbv | 0.30 | 0.40 | 0.10 | 1200 | 48 | 4293619 | 1240 | 22 | 4293803 | 0.20 |
| Tetrahydrofuran | ppbv | <0.40 | <0.40 | 0.10 | 3160 | 48 | 4293619 | 4460 | 22 | 4293803 | 0.40 |
| 1,4-Dioxane | ppbv | <1.0 | <1.0 | 0.40 | <480 | 190 | 4293619 | <220 | 88 | 4293803 | 1.0 |
| Naphthalene | ppbv | <0.50 | <0.50 | N/A | <240 | N/A | 4293619 | <110 | N/A | 4293803 | 0.50 |
| Total Xylenes | ppbv | 1.61 | 1.49 | 0.10 | 4780 | 47 | 4293619 | 7700 | 22 | 4293803 | 0.30 |
| 1,1,1,2-Tetrachloroethane | ppbv | <0.10 | <0.10 | N/A | <48 | N/A | 4293619 | <22 | N/A | 4293803 | 0.10 |
| Vinyl Bromide | ppbv | <0.20 | <0.20 | 0.10 | <95 | 48 | 4293619 | <44 | 22 | 4293803 | 0.20 |
| Propene | ppbv | 1.24 | 1.03 | 0.30 | <24000 | 14000 | 4293619 | <25000 | 15000 | 4293803 | 0.50 |
| 2,2,4-Trimethylpentane | ppbv | 0.54 | 0.79 | 0.10 | 334 | 48 | 4293619 | 299 | 22 | 4293803 | 0.20 |
| Carbon Disulfide | ppbv | <0.50 | <0.50 | 0.10 | <240 | 48 | 4293619 | <110 | 22 | 4293803 | 0.50 |
| Vinyl Acetate | ppbv | <0.20 | <0.20 | 0.10 | <240 | 120 | 4293619 | <44 | 22 | 4293803 | 0.20 |
| **Surrogate Recovery (%)** | | | | | | | | | | | |
| Bromochloromethane | % | 97 | 92 | N/A | 83 | N/A | 4293619 | 90 | N/A | 4293803 | N/A |
| D5-Chlorobenzene | % | 84 | 81 | N/A | 78 | N/A | 4293619 | 90 | N/A | 4293803 | N/A |
| Difluorobenzene | % | 92 | 88 | N/A | 81 | N/A | 4293619 | 90 | N/A | 4293803 | N/A |

QC Batch = Quality Control Batch
N/A = Not Applicable



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Maxxam
A Bureau Veritas Group Company

Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO120 | | BKO121 | | BKO122 | | BKO123 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | | 2015/11/19 | | 2015/11/19 | | 2015/11/19 | | | |
| COC Number | | na | | na | | na | | na | | | |
| | UNITS | MUNI-C1-R3 | MDL | MUNI-C2-R1 | MDL | MUNI-C2-R2 | MDL | MUNI-C2-R3 | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ppbv | 220 | 19 | <2.3 | 1.2 | <2.6 | 1.3 | <2.5 | 1.3 | 4293803 | 0.20 |
| 1,2-Dichlorotetrafluoroethane | ppbv | <32 | 19 | <2.0 | 1.2 | <2.2 | 1.3 | <2.1 | 1.2 | 4293803 | 0.17 |
| Chloromethane | ppbv | <57 | 19 | <3.5 | 1.2 | <3.9 | 1.3 | <3.8 | 1.3 | 4293803 | 0.30 |
| Vinyl Chloride | ppbv | <19 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | <1.3 | 1.3 | 4293803 | 0.10 |
| Chloroethane | ppbv | <57 | 19 | <3.5 | 1.2 | <3.9 | 1.3 | <3.8 | 1.3 | 4293803 | 0.30 |
| 1,3-Butadiene | ppbv | <95 | 19 | <5.8 | 1.2 | <6.5 | 1.3 | <6.3 | 1.3 | 4293803 | 0.50 |
| Trichlorofluoromethane (FREON 11) | ppbv | 386 | 19 | 2.6 | 1.2 | <2.6 | 1.3 | <2.5 | 1.3 | 4293803 | 0.20 |
| Ethanol (ethyl alcohol) | ppbv | 31600 | 190 | 8930 | 60 | 12000 | 130 | 9590 | 65 | 4293803 | 1.0 |
| Trichlorotrifluoroethane | ppbv | 364 | 19 | <1.7 | 1.1 | <2.0 | 1.3 | 1.9 | 1.3 | 4293803 | 0.15 |
| 2-propanol | ppbv | 4090 | 110 | 470 | 7.2 | 901 | 7.8 | 906 | 7.8 | 4293803 | 1.0 |
| 2-Propanone | ppbv | 51000 | 75 | 3420 | 23 | 3290 | 5.3 | 3100 | 5.0 | 4293803 | 0.80 |
| Methyl Ethyl Ketone (2-Butanone) | ppbv | 5890 | 110 | 348 | 7.2 | 360 | 7.8 | 379 | 7.8 | 4293803 | 1.0 |
| Methyl Isobutyl Ketone | ppbv | 1100 | 130 | 41 | 8.4 | 39 | 9.1 | 58 | 9.1 | 4293803 | 1.0 |
| Methyl Butyl Ketone (2-Hexanone) | ppbv | <190 | 76 | <12 | 4.8 | <13 | 5.2 | <13 | 5.2 | 4293803 | 1.0 |
| Methyl t-butyl ether (MTBE) | ppbv | <38 | 19 | <2.3 | 1.2 | <2.6 | 1.3 | <2.5 | 1.3 | 4293803 | 0.20 |
| Ethyl Acetate | ppbv | 836 | 95 | 43 | 6.0 | 42 | 6.5 | 36 | 6.5 | 4293803 | 1.0 |
| 1,1-Dichloroethylene | ppbv | <19 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | <1.3 | 1.3 | 4293803 | 0.10 |
| cis-1,2-Dichloroethylene | ppbv | <19 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | <1.3 | 1.3 | 4293803 | 0.10 |
| trans-1,2-Dichloroethylene | ppbv | 93 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | <1.3 | 1.3 | 4293803 | 0.10 |
| Methylene Chloride(Dichloromethane) | ppbv | 4730 | 19 | 101 | 1.2 | 68 | 1.3 | 61 | 1.3 | 4293803 | 0.80 |
| Chloroform | ppbv | 33 | 19 | 1.7 | 1.2 | 2.9 | 1.3 | 1.8 | 1.3 | 4293803 | 0.10 |
| Carbon Tetrachloride | ppbv | <19 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | <1.3 | 1.3 | 4293803 | 0.10 |
| 1,1-Dichloroethane | ppbv | <19 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | <1.3 | 1.3 | 4293803 | 0.10 |
| 1,2-Dichloroethane | ppbv | <19 | 19 | <1.2 | 1.2 | 1.5 | 1.3 | <1.3 | 1.3 | 4293803 | 0.10 |
| Ethylene Dibromide | ppbv | <19 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | <1.3 | 1.3 | 4293803 | 0.10 |
| 1,1,1-Trichloroethane | ppbv | 598 | 19 | 8.3 | 1.2 | 79.7 | 1.3 | 14.4 | 1.3 | 4293803 | 0.10 |
| 1,1,2-Trichloroethane | ppbv | <19 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | <1.3 | 1.3 | 4293803 | 0.10 |
| 1,1,2,2-Tetrachloroethane | ppbv | <19 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | <1.3 | 1.3 | 4293803 | 0.10 |
| cis-1,3-Dichloropropene | ppbv | <19 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | <1.3 | 1.3 | 4293803 | 0.10 |
| trans-1,3-Dichloropropene | ppbv | <19 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | <1.3 | 1.3 | 4293803 | 0.10 |
| 1,2-Dichloropropane | ppbv | <19 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | <1.3 | 1.3 | 4293803 | 0.10 |
| Bromomethane | ppbv | <19 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | <1.3 | 1.3 | 4293803 | 0.10 |
| Bromoform | ppbv | <38 | 19 | <2.3 | 1.2 | <2.6 | 1.3 | <2.5 | 1.3 | 4293803 | 0.20 |
| Bromodichloromethane | ppbv | <38 | 19 | <2.3 | 1.2 | <2.6 | 1.3 | <2.5 | 1.3 | 4293803 | 0.20 |
| Dibromochloromethane | ppbv | <38 | 19 | <2.3 | 1.2 | <2.6 | 1.3 | <2.5 | 1.3 | 4293803 | 0.20 |
| Trichloroethylene | ppbv | 611 | 19 | 21.5 | 1.2 | <4.2 | 4.2 | 19.0 | 1.3 | 4293803 | 0.10 |

QC Batch = Quality Control Batch



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO120 | | BKO121 | | BKO122 | | BKO123 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | | 2015/11/19 | | 2015/11/19 | | 2015/11/19 | | | |
| COC Number | | na | | na | | na | | na | | | |
| | UNITS | MUNI-C1-R3 | MDL | MUNI-C2-R1 | MDL | MUNI-C2-R2 | MDL | MUNI-C2-R3 | MDL | QC Batch | RDL |
| Tetrachloroethylene | ppbv | 1990 | 19 | 85.4 | 1.2 | 88.2 | 1.3 | 120 | 1.3 | 4293803 | 0.10 |
| Benzene | ppbv | 72 | 19 | 2.9 | 1.2 | 2.1 | 1.3 | 3.1 | 1.3 | 4293803 | 0.10 |
| Toluene | ppbv | 15400 | 19 | 1060 | 1.2 | 876 | 1.3 | 1010 | 1.3 | 4293803 | 0.10 |
| Ethylbenzene | ppbv | 1490 | 19 | 127 | 1.2 | 128 | 1.3 | 120 | 1.3 | 4293803 | 0.10 |
| p+m-Xylene | ppbv | 5200 | 19 | 475 | 1.2 | 494 | 1.3 | 459 | 1.3 | 4293803 | 0.20 |
| o-Xylene | ppbv | 1520 | 19 | 168 | 1.2 | 180 | 1.3 | 149 | 1.3 | 4293803 | 0.10 |
| Styrene | ppbv | 1330 | 19 | 209 | 1.2 | 159 | 1.3 | 137 | 1.3 | 4293803 | 0.10 |
| 4-ethyltoluene | ppbv | 288 | 95 | 43.4 | 5.8 | 45.4 | 6.5 | 39.4 | 6.3 | 4293803 | 0.50 |
| 1,3,5-Trimethylbenzene | ppbv | 303 | 19 | 50.7 | 1.2 | 52.1 | 1.3 | 45.3 | 1.3 | 4293803 | 0.50 |
| 1,2,4-Trimethylbenzene | ppbv | 810 | 19 | 150 | 1.2 | 154 | 1.3 | 136 | 1.3 | 4293803 | 0.50 |
| Chlorobenzene | ppbv | <19 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | <1.3 | 1.3 | 4293803 | 0.10 |
| Benzyl chloride | ppbv | <95 | 38 | <5.8 | 2.3 | <6.5 | 2.6 | <6.3 | 2.5 | 4293803 | 0.50 |
| 1,3-Dichlorobenzene | ppbv | <76 | 19 | <4.6 | 1.2 | <5.2 | 1.3 | 5.6 | 1.3 | 4293803 | 0.40 |
| 1,4-Dichlorobenzene | ppbv | 31 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | 7.0 | 1.3 | 4293803 | 0.10 |
| 1,2-Dichlorobenzene | ppbv | 54 | 19 | <1.2 | 1.2 | <1.3 | 1.3 | 14.8 | 1.3 | 4293803 | 0.10 |
| 1,2,4-Trichlorobenzene | ppbv | <95 | 76 | <5.8 | 4.6 | <6.5 | 5.2 | <6.3 | 5.0 | 4293803 | 0.50 |
| Hexachlorobutadiene | ppbv | <95 | 95 | <5.8 | 5.8 | <6.5 | 6.5 | <6.3 | 6.3 | 4293803 | 0.50 |
| Hexane | ppbv | 1630 | 19 | 27.2 | 1.2 | 37.9 | 1.3 | 38.9 | 1.3 | 4293803 | 0.30 |
| Heptane | ppbv | 2650 | 19 | 246 | 1.2 | 159 | 1.3 | 112 | 1.3 | 4293803 | 0.30 |
| Cyclohexane | ppbv | 812 | 19 | 32.3 | 1.2 | 25.6 | 1.3 | 18.4 | 1.3 | 4293803 | 0.20 |
| Tetrahydrofuran | ppbv | 4510 | 19 | 207 | 1.2 | 271 | 1.3 | 293 | 1.3 | 4293803 | 0.40 |
| 1,4-Dioxane | ppbv | <190 | 76 | <12 | 4.8 | <13 | 5.2 | <13 | 5.2 | 4293803 | 1.0 |
| Naphthalene | ppbv | <95 | N/A | <5.8 | N/A | <6.5 | N/A | <6.3 | N/A | 4293803 | 0.50 |
| Total Xylenes | ppbv | 6710 | 19 | 643 | 1.2 | 674 | 1.3 | 608 | 1.3 | 4293803 | 0.30 |
| 1,1,1,2-Tetrachloroethane | ppbv | <19 | N/A | <1.2 | N/A | <1.3 | N/A | <1.3 | N/A | 4293803 | 0.10 |
| Vinyl Bromide | ppbv | <38 | 19 | <2.3 | 1.2 | <2.6 | 1.3 | <2.5 | 1.3 | 4293803 | 0.20 |
| Propene | ppbv | <26000 | 16000 | <23 | 14 | <28 | 17 | <16 | 9.6 | 4293803 | 0.50 |
| 2,2,4-Trimethylpentane | ppbv | 719 | 19 | 9.8 | 1.2 | 8.3 | 1.3 | 14.2 | 1.3 | 4293803 | 0.20 |
| Carbon Disulfide | ppbv | <95 | 19 | <5.8 | 1.2 | <6.5 | 1.3 | <6.3 | 1.3 | 4293803 | 0.50 |
| Vinyl Acetate | ppbv | 170 | 19 | <2.3 | 1.2 | <2.6 | 1.3 | <2.5 | 1.3 | 4293803 | 0.20 |
| **Surrogate Recovery (%)** | | | | | | | | | | | |
| Bromochloromethane | % | 90 | N/A | 90 | N/A | 90 | N/A | 91 | N/A | 4293803 | N/A |
| D5-Chlorobenzene | % | 90 | N/A | 90 | N/A | 90 | N/A | 91 | N/A | 4293803 | N/A |
| Difluorobenzene | % | 90 | N/A | 90 | N/A | 90 | N/A | 91 | N/A | 4293803 | N/A |

QC Batch = Quality Control Batch
N/A = Not Applicable



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Maxxam
A Bureau Veritas Group Company

Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO124 | | BKO125 | | | BKO126 | BKO126 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | | 2015/11/19 | | | 2015/11/19 | 2015/11/19 | | | |
| COC Number | | na | | na | | | na | na | | | |
| | UNITS | MUNI-C3-R1 | MDL | MUNI-C3-R2 | MDL | QC Batch | MUNI-C3-R3 | MUNI-C3-R3 Lab-Dup | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ppbv | 0.86 | 0.20 | 1.09 | 0.46 | 4293803 | <1.2 | <1.2 | 0.60 | 4297438 | 0.20 |
| 1,2-Dichlorotetrafluoroethane | ppbv | <0.34 | 0.20 | <0.78 | 0.46 | 4293803 | <1.0 | <1.0 | 0.59 | 4297438 | 0.17 |
| Chloromethane | ppbv | <0.60 | 0.20 | <1.4 | 0.47 | 4293803 | <1.8 | <1.8 | 0.60 | 4297438 | 0.30 |
| Vinyl Chloride | ppbv | <0.20 | 0.20 | <0.46 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| Chloroethane | ppbv | <0.60 | 0.20 | <1.4 | 0.47 | 4293803 | <1.8 | <1.8 | 0.60 | 4297438 | 0.30 |
| 1,3-Butadiene | ppbv | <1.0 | 0.20 | <2.3 | 0.46 | 4293803 | <3.0 | <3.0 | 0.60 | 4297438 | 0.50 |
| Trichlorofluoromethane (FREON 11) | ppbv | 1.93 | 0.20 | 1.86 | 0.46 | 4293803 | 1.6 | 1.6 | 0.60 | 4297438 | 0.20 |
| Ethanol (ethyl alcohol) | ppbv | 1630 | 15 | 4780 | 46 | 4293803 | 4110 | 4180 | 30 | 4297438 | 1.0 |
| Trichlorotrifluoroethane | ppbv | <0.30 | 0.20 | <0.69 | 0.46 | 4293803 | 1.09 | 1.16 | 0.60 | 4297438 | 0.15 |
| 2-propanol | ppbv | 119 | 1.2 | 410 | 2.8 | 4293803 | 573 | 577 | 3.6 | 4297438 | 1.0 |
| 2-Propanone | ppbv | 812 | 6.0 | 1320 | 19 | 4293803 | 1120 | 1140 | 12 | 4297438 | 0.80 |
| Methyl Ethyl Ketone (2-Butanone) | ppbv | 136 | 1.2 | 198 | 2.8 | 4293803 | 185 | 185 | 3.6 | 4297438 | 1.0 |
| Methyl Isobutyl Ketone | ppbv | 15.1 | 1.4 | 18.4 | 3.2 | 4293803 | 31.0 | 31.1 | 4.2 | 4297438 | 1.0 |
| Methyl Butyl Ketone (2-Hexanone) | ppbv | <2.0 | 0.80 | <4.6 | 1.8 | 4293803 | <6.0 | <6.0 | 2.4 | 4297438 | 1.0 |
| Methyl t-butyl ether (MTBE) | ppbv | <0.40 | 0.20 | <0.92 | 0.46 | 4293803 | <1.2 | <1.2 | 0.60 | 4297438 | 0.20 |
| Ethyl Acetate | ppbv | 18.8 | 1.0 | 21.7 | 2.3 | 4293803 | 18.7 | 18.5 | 3.0 | 4297438 | 1.0 |
| 1,1-Dichloroethylene | ppbv | <0.20 | 0.20 | <0.46 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| cis-1,2-Dichloroethylene | ppbv | <0.20 | 0.20 | <0.46 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| trans-1,2-Dichloroethylene | ppbv | 0.22 | 0.20 | 0.62 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| Methylene Chloride(Dichloromethane) | ppbv | 39.7 | 0.20 | 19.7 | 0.46 | 4293803 | 19.5 | 19.2 | 0.60 | 4297438 | 0.80 |
| Chloroform | ppbv | <0.20 | 0.20 | <0.46 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| Carbon Tetrachloride | ppbv | <0.20 | 0.20 | <0.46 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| 1,1-Dichloroethane | ppbv | <0.20 | 0.20 | <0.46 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| 1,2-Dichloroethane | ppbv | 0.43 | 0.20 | 0.89 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| Ethylene Dibromide | ppbv | <0.20 | 0.20 | <0.46 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| 1,1,1-Trichloroethane | ppbv | 3.58 | 0.20 | 39.1 | 0.46 | 4293803 | 8.50 | 8.37 | 0.60 | 4297438 | 0.10 |
| 1,1,2-Trichloroethane | ppbv | <0.20 | 0.20 | <0.46 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| 1,1,2,2-Tetrachloroethane | ppbv | <0.20 | 0.20 | <0.46 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| cis-1,3-Dichloropropene | ppbv | <0.20 | 0.20 | <0.46 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| trans-1,3-Dichloropropene | ppbv | <0.20 | 0.20 | <0.46 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| 1,2-Dichloropropane | ppbv | <0.20 | 0.20 | <0.46 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| Bromomethane | ppbv | <0.20 | 0.20 | <0.46 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| Bromoform | ppbv | <0.40 | 0.20 | <0.92 | 0.46 | 4293803 | <1.2 | <1.2 | 0.60 | 4297438 | 0.20 |
| Bromodichloromethane | ppbv | <0.40 | 0.20 | <0.92 | 0.46 | 4293803 | <1.2 | <1.2 | 0.60 | 4297438 | 0.20 |
| Dibromochloromethane | ppbv | <0.40 | 0.20 | <0.92 | 0.46 | 4293803 | <1.2 | <1.2 | 0.60 | 4297438 | 0.20 |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate



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A Bureau Veritas Group Company

Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO124 | | BKO125 | | | BKO126 | BKO126 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | | 2015/11/19 | | | 2015/11/19 | 2015/11/19 | | | |
| COC Number | | na | | na | | | na | na | | | |
| | UNITS | MUNI-C3-R1 | MDL | MUNI-C3-R2 | MDL | QC Batch | MUNI-C3-R3 | MUNI-C3-R3 Lab-Dup | MDL | QC Batch | RDL |
| Trichloroethylene | ppbv | 7.42 | 0.20 | 2.28 | 0.46 | 4293803 | 11.5 | 11.6 | 0.60 | 4297438 | 0.10 |
| Tetrachloroethylene | ppbv | 32.7 | 0.20 | 53.5 | 0.46 | 4293803 | 65.4 | 66.1 | 0.60 | 4297438 | 0.10 |
| Benzene | ppbv | 1.53 | 0.20 | 1.27 | 0.46 | 4293803 | 1.31 | 1.29 | 0.60 | 4297438 | 0.10 |
| Toluene | ppbv | 252 | 3.0 | 369 | 0.46 | 4293803 | 531 | 533 | 0.60 | 4297438 | 0.10 |
| Ethylbenzene | ppbv | 63.5 | 0.20 | 75.2 | 0.46 | 4293803 | 74.8 | 74.9 | 0.60 | 4297438 | 0.10 |
| p+m-Xylene | ppbv | 245 | 0.20 | 302 | 0.46 | 4293803 | 298 | 295 | 0.60 | 4297438 | 0.20 |
| o-Xylene | ppbv | 85.8 | 0.20 | 119 | 0.46 | 4293803 | 98.8 | 98.0 | 0.60 | 4297438 | 0.10 |
| Styrene | ppbv | 128 | 0.20 | 133 | 0.46 | 4293803 | 99.4 | 100 | 0.60 | 4297438 | 0.10 |
| 4-ethyltoluene | ppbv | 25.4 | 1.0 | 34.2 | 2.3 | 4293803 | 29.2 | 29.1 | 3.0 | 4297438 | 0.50 |
| 1,3,5-Trimethylbenzene | ppbv | 28.3 | 0.20 | 36.9 | 0.46 | 4293803 | 32.5 | 32.8 | 0.60 | 4297438 | 0.50 |
| 1,2,4-Trimethylbenzene | ppbv | 94.1 | 0.20 | 120 | 0.46 | 4293803 | 111 | 110 | 0.60 | 4297438 | 0.50 |
| Chlorobenzene | ppbv | <0.20 | 0.20 | <0.46 | 0.46 | 4293803 | <0.60 | <0.60 | 0.60 | 4297438 | 0.10 |
| Benzyl chloride | ppbv | <1.0 | 0.40 | <2.3 | 0.92 | 4293803 | <3.0 | <3.0 | 1.2 | 4297438 | 0.50 |
| 1,3-Dichlorobenzene | ppbv | <0.80 | 0.20 | <1.8 | 0.45 | 4293803 | 4.1 | 4.1 | 0.60 | 4297438 | 0.40 |
| 1,4-Dichlorobenzene | ppbv | 0.86 | 0.20 | 1.06 | 0.46 | 4293803 | 6.23 | 6.38 | 0.60 | 4297438 | 0.10 |
| 1,2-Dichlorobenzene | ppbv | <0.20 | 0.20 | <0.46 | 0.46 | 4293803 | 14.0 | 14.2 | 0.60 | 4297438 | 0.10 |
| 1,2,4-Trichlorobenzene | ppbv | <1.0 | 0.80 | <2.3 | 1.8 | 4293803 | <3.0 | <3.0 | 2.4 | 4297438 | 0.50 |
| Hexachlorobutadiene | ppbv | <1.0 | 1.0 | <2.3 | 2.3 | 4293803 | <3.0 | <3.0 | 3.0 | 4297438 | 0.50 |
| Hexane | ppbv | 9.86 | 0.20 | 16.5 | 0.47 | 4293803 | 21.9 | 21.7 | 0.60 | 4297438 | 0.30 |
| Heptane | ppbv | 34.0 | 0.20 | 42.3 | 0.47 | 4293803 | 29.2 | 29.2 | 0.60 | 4297438 | 0.30 |
| Cyclohexane | ppbv | 10.7 | 0.20 | 13.3 | 0.46 | 4293803 | 10.2 | 10.2 | 0.60 | 4297438 | 0.20 |
| Tetrahydrofuran | ppbv | 90.1 | 0.20 | 171 | 0.45 | 4293803 | 153 | 153 | 0.60 | 4297438 | 0.40 |
| 1,4-Dioxane | ppbv | <2.0 | 0.80 | <4.6 | 1.8 | 4293803 | <6.0 | <6.0 | 2.4 | 4297438 | 1.0 |
| Naphthalene | ppbv | 10.4 | N/A | 21.5 | N/A | 4293803 | 18.9 | 20.5 | N/A | 4297438 | 0.50 |
| Total Xylenes | ppbv | 331 | 0.20 | 421 | 0.47 | 4293803 | 397 | 393 | 0.60 | 4297438 | 0.30 |
| 1,1,1,2-Tetrachloroethane | ppbv | <0.20 | N/A | <0.46 | N/A | 4293803 | <0.60 | <0.60 | N/A | 4297438 | 0.10 |
| Vinyl Bromide | ppbv | <0.40 | 0.20 | <0.92 | 0.46 | 4293803 | <1.2 | <1.2 | 0.60 | 4297438 | 0.20 |
| Propene | ppbv | <11 | 6.6 | <14 | 8.4 | 4293803 | <9.8 | <9.8 | 5.9 | 4297438 | 0.50 |
| 2,2,4-Trimethylpentane | ppbv | 5.36 | 0.20 | 4.59 | 0.46 | 4293803 | 6.2 | 6.2 | 0.60 | 4297438 | 0.20 |
| Carbon Disulfide | ppbv | <1.0 | 0.20 | <2.3 | 0.46 | 4293803 | <3.0 | <3.0 | 0.60 | 4297438 | 0.50 |
| Vinyl Acetate | ppbv | <0.40 | 0.20 | <0.92 | 0.46 | 4293803 | <1.2 | <1.2 | 0.60 | 4297438 | 0.20 |
| **Surrogate Recovery (%)** | | | | | | | | | | | |
| Bromochloromethane | % | 86 | N/A | 84 | N/A | 4293803 | 90 | 90 | N/A | 4297438 | N/A |
| D5-Chlorobenzene | % | 82 | N/A | 87 | N/A | 4293803 | 90 | 91 | N/A | 4297438 | N/A |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO124 | | BKO125 | | | BKO126 | BKO126 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | | 2015/11/19 | | | 2015/11/19 | 2015/11/19 | | | |
| COC Number | | na | | na | | | na | na | | | |
| | UNITS | MUNI-C3-R1 | MDL | MUNI-C3-R2 | MDL | QC Batch | MUNI-C3-R3 | MUNI-C3-R3 Lab-Dup | MDL | QC Batch | RDL |
| Difluorobenzene | % | 85 | N/A | 89 | N/A | 4293803 | 91 | 91 | N/A | 4297438 | N/A |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO127 | | | BKO128 | BKO128 | | BKO129 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | | 2015/11/20 | 2015/11/20 | | 2015/11/20 | | | |
| COC Number | | na | | | na | na | | na | | | |
| | UNITS | BLEND-C1-R1 | MDL | QC Batch | BLEND-C1-R2 | BLEND-C1-R2 Lab-Dup | MDL | BLEND-C1-R3 | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ppbv | <4.4 | 2.2 | 4293803 | 5.5 | 5.5 | 1.0 | 2.1 | 1.0 | 4297482 | 0.20 |
| 1,2-Dichlorotetrafluoroethane | ppbv | <3.7 | 2.2 | 4293803 | <1.7 | <1.7 | 1.0 | <1.7 | 1.0 | 4297482 | 0.17 |
| Chloromethane | ppbv | <6.6 | 2.2 | 4293803 | <3.0 | <3.0 | 1.0 | <3.0 | 1.0 | 4297482 | 0.30 |
| Vinyl Chloride | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| Chloroethane | ppbv | <6.6 | 2.2 | 4293803 | <3.0 | <3.0 | 1.0 | <3.0 | 1.0 | 4297482 | 0.30 |
| 1,3-Butadiene | ppbv | <11 | 2.2 | 4293803 | <5.0 | <5.0 | 1.0 | <5.0 | 1.0 | 4297482 | 0.50 |
| Trichlorofluoromethane (FREON 11) | ppbv | 10.4 | 2.2 | 4293803 | 5.4 | 5.1 | 1.0 | 13.0 | 1.0 | 4297482 | 0.20 |
| Ethanol (ethyl alcohol) | ppbv | 27800 | 220 | 4293803 | 11700 | 12000 | 60 | 10900 | 120 | 4297482 | 1.0 |
| Trichlorotrifluoroethane | ppbv | <3.3 | 2.2 | 4293803 | <1.5 | <1.5 | 1.0 | <1.5 | 1.0 | 4297482 | 0.15 |
| 2-propanol | ppbv | 3580 | 13 | 4293803 | 1660 | 1670 | 6.0 | 800 | 6.0 | 4297482 | 1.0 |
| 2-Propanone | ppbv | 5390 | 8.8 | 4293803 | 3610 | 3710 | 24 | 1690 | 2.0 | 4297482 | 0.80 |
| Methyl Ethyl Ketone (2-Butanone) | ppbv | 351 | 13 | 4293803 | 324 | 323 | 6.0 | 350 | 6.0 | 4297482 | 1.0 |
| Methyl Isobutyl Ketone | ppbv | 38 | 15 | 4293803 | <10 | <10 | 7.0 | 10 | 7.0 | 4297482 | 1.0 |
| Methyl Butyl Ketone (2-Hexanone) | ppbv | <22 | 8.8 | 4293803 | <10 | <10 | 4.0 | <10 | 4.0 | 4297482 | 1.0 |
| Methyl t-butyl ether (MTBE) | ppbv | <4.4 | 2.2 | 4293803 | <2.0 | <2.0 | 1.0 | 3.0 | 1.0 | 4297482 | 0.20 |
| Ethyl Acetate | ppbv | 33 | 11 | 4293803 | <10 | <10 | 5.0 | 17 | 5.0 | 4297482 | 1.0 |
| 1,1-Dichloroethylene | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| cis-1,2-Dichloroethylene | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| trans-1,2-Dichloroethylene | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| Methylene Chloride(Dichloromethane) | ppbv | <62 | 7.8 | 4293803 | <8.0 | <8.0 | 1.0 | <8.0 | 1.0 | 4297482 | 0.80 |
| Chloroform | ppbv | 6.0 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| Carbon Tetrachloride | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| 1,1-Dichloroethane | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| 1,2-Dichloroethane | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| Ethylene Dibromide | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| 1,1,1-Trichloroethane | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| 1,1,2-Trichloroethane | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| 1,1,2,2-Tetrachloroethane | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| cis-1,3-Dichloropropene | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| trans-1,3-Dichloropropene | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| 1,2-Dichloropropane | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| Bromomethane | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| Bromoform | ppbv | <4.4 | 2.2 | 4293803 | <2.0 | <2.0 | 1.0 | <2.0 | 1.0 | 4297482 | 0.20 |
| Bromodichloromethane | ppbv | <4.4 | 2.2 | 4293803 | <2.0 | <2.0 | 1.0 | <2.0 | 1.0 | 4297482 | 0.20 |
| Dibromochloromethane | ppbv | <4.4 | 2.2 | 4293803 | <2.0 | <2.0 | 1.0 | <2.0 | 1.0 | 4297482 | 0.20 |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate



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Maxxam
A Bureau Veritas Group Company

Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO127 | | | BKO128 | BKO128 | | BKO129 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | | 2015/11/20 | 2015/11/20 | | 2015/11/20 | | | |
| COC Number | | na | | | na | na | | na | | | |
| | UNITS | BLEND-C1-R1 | MDL | QC Batch | BLEND-C1-R2 | BLEND-C1-R2 Lab-Dup | MDL | BLEND-C1-R3 | MDL | QC Batch | RDL |
| Trichloroethylene | ppbv | <2.4 | 2.4 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| Tetrachloroethylene | ppbv | 15.0 | 2.2 | 4293803 | 4.1 | 3.9 | 1.0 | 2.4 | 1.0 | 4297482 | 0.10 |
| Benzene | ppbv | 159 | 2.2 | 4293803 | 104 | 102 | 1.0 | 136 | 1.0 | 4297482 | 0.10 |
| Toluene | ppbv | 603 | 2.2 | 4293803 | 483 | 469 | 1.0 | 514 | 1.0 | 4297482 | 0.10 |
| Ethylbenzene | ppbv | 80.2 | 2.2 | 4293803 | 68.0 | 66.2 | 1.0 | 85.0 | 1.0 | 4297482 | 0.10 |
| p+m-Xylene | ppbv | 256 | 2.2 | 4293803 | 205 | 198 | 1.0 | 275 | 1.0 | 4297482 | 0.20 |
| o-Xylene | ppbv | 95.0 | 2.2 | 4293803 | 73.7 | 71.2 | 1.0 | 98.7 | 1.0 | 4297482 | 0.10 |
| Styrene | ppbv | 33.2 | 2.2 | 4293803 | 26.5 | 25.5 | 1.0 | 23.0 | 1.0 | 4297482 | 0.10 |
| 4-ethyltoluene | ppbv | 24 | 11 | 4293803 | 19.1 | 18.6 | 5.0 | 22.2 | 5.0 | 4297482 | 0.50 |
| 1,3,5-Trimethylbenzene | ppbv | 25 | 2.2 | 4293803 | 20.3 | 19.5 | 1.0 | 22.2 | 1.0 | 4297482 | 0.50 |
| 1,2,4-Trimethylbenzene | ppbv | 78 | 2.2 | 4293803 | 64.5 | 63.0 | 1.0 | 73.0 | 1.0 | 4297482 | 0.50 |
| Chlorobenzene | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| Benzyl chloride | ppbv | <11 | 4.4 | 4293803 | <5.0 | <5.0 | 2.0 | <5.0 | 2.0 | 4297482 | 0.50 |
| 1,3-Dichlorobenzene | ppbv | <8.8 | 2.2 | 4293803 | <4.0 | <4.0 | 1.0 | <4.0 | 1.0 | 4297482 | 0.40 |
| 1,4-Dichlorobenzene | ppbv | <2.2 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| 1,2-Dichlorobenzene | ppbv | 2.5 | 2.2 | 4293803 | <1.0 | <1.0 | 1.0 | <1.0 | 1.0 | 4297482 | 0.10 |
| 1,2,4-Trichlorobenzene | ppbv | <11 | 8.8 | 4293803 | <5.0 | <5.0 | 4.0 | <5.0 | 4.0 | 4297482 | 0.50 |
| Hexachlorobutadiene | ppbv | <11 | 11 | 4293803 | <5.0 | <5.0 | 5.0 | <5.0 | 5.0 | 4297482 | 0.50 |
| Hexane | ppbv | 429 | 2.2 | 4293803 | 262 | 258 | 1.0 | 366 | 1.0 | 4297482 | 0.30 |
| Heptane | ppbv | 124 | 2.2 | 4293803 | 99.0 | 99.9 | 1.0 | 132 | 1.0 | 4297482 | 0.30 |
| Cyclohexane | ppbv | 122 | 2.2 | 4293803 | 119 | 121 | 12 | 137 | 0.24 | 4297482 | 0.20 |
| Tetrahydrofuran | ppbv | 394 | 2.2 | 4293803 | 108 | 108 | 1.0 | 45.8 | 1.0 | 4297482 | 0.40 |
| 1,4-Dioxane | ppbv | <22 | 8.8 | 4293803 | <10 | <10 | 4.0 | <10 | 4.0 | 4297482 | 1.0 |
| Naphthalene | ppbv | <11 | N/A | 4293803 | 7.1 | 7.2 | N/A | 5.3 | N/A | 4297482 | 0.50 |
| Total Xylenes | ppbv | 351 | 2.2 | 4293803 | 279 | 270 | 1.0 | 373 | 1.0 | 4297482 | 0.30 |
| 1,1,1,2-Tetrachloroethane | ppbv | <2.2 | N/A | 4293803 | <1.0 | <1.0 | N/A | <1.0 | N/A | 4297482 | 0.10 |
| Vinyl Bromide | ppbv | <4.4 | 2.2 | 4293803 | <2.0 | <2.0 | 1.0 | <2.0 | 1.0 | 4297482 | 0.20 |
| Propene | ppbv | 102 | 6.6 | 4293803 | 54.2 | 57.3 | 3.0 | 68.3 | 3.0 | 4297482 | 0.50 |
| 2,2,4-Trimethylpentane | ppbv | 138 | 2.2 | 4293803 | 113 | 112 | 1.0 | 181 | 1.0 | 4297482 | 0.20 |
| Carbon Disulfide | ppbv | <11 | 2.2 | 4293803 | <5.0 | <5.0 | 1.0 | <5.0 | 1.0 | 4297482 | 0.50 |
| Vinyl Acetate | ppbv | <4.4 | 2.2 | 4293803 | <31 | <31 | 16 | <48 | 24 | 4297482 | 0.20 |
| **Surrogate Recovery (%)** | | | | | | | | | | | |
| Bromochloromethane | % | 89 | N/A | 4293803 | 111 | 108 | N/A | 103 | N/A | 4297482 | N/A |
| D5-Chlorobenzene | % | 88 | N/A | 4293803 | 100 | 97 | N/A | 92 | N/A | 4297482 | N/A |

QC Batch = Quality Control Batch
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N/A = Not Applicable



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO127 | | | BKO128 | BKO128 | | BKO129 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | | 2015/11/20 | 2015/11/20 | | 2015/11/20 | | | |
| COC Number | | na | | | na | na | | na | | | |
| | UNITS | BLEND-C1-R1 | MDL | QC Batch | BLEND-C1-R2 | BLEND-C1-R2 Lab-Dup | MDL | BLEND-C1-R3 | MDL | QC Batch | RDL |
| Difluorobenzene | % | 88 | N/A | 4293803 | 107 | 103 | N/A | 99 | N/A | 4297482 | N/A |

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N/A = Not Applicable



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO130 | | BKO131 | | BKO132 | | BKO133 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | 2015/11/20 | | 2015/11/20 | | 2015/11/20 | | | |
| COC Number | | na | | na | | na | | na | | | |
| | UNITS | BLEND-C2-R1 | MDL | BLEND-C2-R2 | MDL | BLEND-C2-R3 | MDL | BLEND-C3-R1 | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ppbv | 0.69 | 0.25 | <1.9 | 0.95 | 0.78 | 0.10 | 0.58 | 0.23 | 4297482 | 0.20 |
| 1,2-Dichlorotetrafluoroethane | ppbv | <0.43 | 0.25 | <1.6 | 0.94 | <0.17 | 0.10 | <0.39 | 0.23 | 4297482 | 0.17 |
| Chloromethane | ppbv | <0.75 | 0.25 | <2.9 | 0.97 | 0.44 | 0.10 | <0.69 | 0.23 | 4297482 | 0.30 |
| Vinyl Chloride | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| Chloroethane | ppbv | <0.75 | 0.25 | <2.9 | 0.97 | <0.30 | 0.10 | <0.69 | 0.23 | 4297482 | 0.30 |
| 1,3-Butadiene | ppbv | <1.3 | 0.26 | <4.9 | 0.98 | <0.50 | 0.10 | <1.2 | 0.24 | 4297482 | 0.50 |
| Trichlorofluoromethane (FREON 11) | ppbv | 0.76 | 0.25 | <1.9 | 0.95 | 1.00 | 0.10 | 0.77 | 0.23 | 4297482 | 0.20 |
| Ethanol (ethyl alcohol) | ppbv | 4730 | 27 | 910 | 4.9 | 512 | 5.0 | 2870 | 46 | 4297482 | 1.0 |
| Trichlorotrifluoroethane | ppbv | <0.38 | 0.25 | <1.5 | 1.0 | <0.15 | 0.10 | <0.35 | 0.23 | 4297482 | 0.15 |
| 2-propanol | ppbv | 216 | 1.5 | 11.4 | 5.8 | 3.8 | 0.60 | 116 | 1.4 | 4297482 | 1.0 |
| 2-Propanone | ppbv | 198 | 0.50 | 90.6 | 2.0 | 16.9 | 0.20 | 98.1 | 0.45 | 4297482 | 0.80 |
| Methyl Ethyl Ketone (2-Butanone) | ppbv | 30.7 | 1.5 | 10.1 | 5.8 | 13.8 | 0.60 | 22.5 | 1.4 | 4297482 | 1.0 |
| Methyl Isobutyl Ketone | ppbv | 2.6 | 1.8 | <9.7 | 6.8 | <1.0 | 0.70 | <2.3 | 1.6 | 4297482 | 1.0 |
| Methyl Butyl Ketone (2-Hexanone) | ppbv | <2.5 | 1.0 | <9.7 | 3.9 | <1.0 | 0.40 | <2.3 | 0.92 | 4297482 | 1.0 |
| Methyl t-butyl ether (MTBE) | ppbv | <0.50 | 0.25 | <1.9 | 0.95 | 0.35 | 0.10 | <0.46 | 0.23 | 4297482 | 0.20 |
| Ethyl Acetate | ppbv | <2.5 | 1.3 | <9.7 | 4.9 | 1.8 | 0.50 | <2.3 | 1.2 | 4297482 | 1.0 |
| 1,1-Dichloroethylene | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| cis-1,2-Dichloroethylene | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| trans-1,2-Dichloroethylene | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | 0.25 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| Methylene Chloride(Dichloromethane) | ppbv | <2.0 | 0.25 | <7.8 | 0.98 | <0.80 | 0.10 | <1.8 | 0.23 | 4297482 | 0.80 |
| Chloroform | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| Carbon Tetrachloride | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| 1,1-Dichloroethane | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| 1,2-Dichloroethane | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| Ethylene Dibromide | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| 1,1,1-Trichloroethane | ppbv | 0.31 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | 1.34 | 0.23 | 4297482 | 0.10 |
| 1,1,2-Trichloroethane | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| 1,1,2,2-Tetrachloroethane | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| cis-1,3-Dichloropropene | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| trans-1,3-Dichloropropene | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| 1,2-Dichloropropane | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| Bromomethane | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| Bromoform | ppbv | <0.50 | 0.25 | <1.9 | 0.95 | <0.20 | 0.10 | <0.46 | 0.23 | 4297482 | 0.20 |
| Bromodichloromethane | ppbv | <0.50 | 0.25 | <1.9 | 0.95 | <0.20 | 0.10 | <0.46 | 0.23 | 4297482 | 0.20 |
| Dibromochloromethane | ppbv | <0.50 | 0.25 | <1.9 | 0.95 | <0.20 | 0.10 | <0.46 | 0.23 | 4297482 | 0.20 |
| Trichloroethylene | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |

QC Batch = Quality Control Batch



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO130 | | BKO131 | | BKO132 | | BKO133 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | 2015/11/20 | | 2015/11/20 | | 2015/11/20 | | | |
| COC Number | | na | | na | | na | | na | | | |
| | UNITS | BLEND-C2-R1 | MDL | BLEND-C2-R2 | MDL | BLEND-C2-R3 | MDL | BLEND-C3-R1 | MDL | QC Batch | RDL |
| Tetrachloroethylene | ppbv | 1.69 | 0.25 | 1.66 | 0.97 | 0.37 | 0.10 | 0.59 | 0.23 | 4297482 | 0.10 |
| Benzene | ppbv | 12.3 | 0.25 | 4.95 | 0.97 | 11.1 | 0.10 | 9.09 | 0.23 | 4297482 | 0.10 |
| Toluene | ppbv | 373 | 2.7 | 632 | 0.97 | 142 | 1.0 | 35.8 | 0.23 | 4297482 | 0.10 |
| Ethylbenzene | ppbv | 7.51 | 0.25 | 4.03 | 0.97 | 7.62 | 0.10 | 4.66 | 0.23 | 4297482 | 0.10 |
| p+m-Xylene | ppbv | 28.4 | 0.25 | 16.0 | 0.95 | 26.9 | 0.10 | 16.8 | 0.23 | 4297482 | 0.20 |
| o-Xylene | ppbv | 10.6 | 0.25 | 5.66 | 0.97 | 10.0 | 0.10 | 6.53 | 0.23 | 4297482 | 0.10 |
| Styrene | ppbv | 6.74 | 0.25 | 5.21 | 0.97 | 2.20 | 0.10 | 1.94 | 0.23 | 4297482 | 0.10 |
| 4-ethyltoluene | ppbv | 3.5 | 1.3 | <4.9 | 4.9 | 2.55 | 0.50 | 1.8 | 1.2 | 4297482 | 0.50 |
| 1,3,5-Trimethylbenzene | ppbv | 4.6 | 0.26 | <4.9 | 0.98 | 2.87 | 0.10 | 2.5 | 0.24 | 4297482 | 0.50 |
| 1,2,4-Trimethylbenzene | ppbv | 15.6 | 0.26 | 9.5 | 0.98 | 9.42 | 0.10 | 7.3 | 0.24 | 4297482 | 0.50 |
| Chlorobenzene | ppbv | <0.25 | 0.25 | <0.97 | 0.97 | <0.10 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| Benzyl chloride | ppbv | <1.3 | 0.52 | <4.9 | 2.0 | <0.50 | 0.20 | <1.2 | 0.48 | 4297482 | 0.50 |
| 1,3-Dichlorobenzene | ppbv | <1.0 | 0.25 | <3.9 | 0.98 | <0.40 | 0.10 | <0.92 | 0.23 | 4297482 | 0.40 |
| 1,4-Dichlorobenzene | ppbv | 0.41 | 0.25 | <0.97 | 0.97 | 0.15 | 0.10 | <0.23 | 0.23 | 4297482 | 0.10 |
| 1,2-Dichlorobenzene | ppbv | 0.68 | 0.25 | <0.97 | 0.97 | 0.20 | 0.10 | 0.26 | 0.23 | 4297482 | 0.10 |
| 1,2,4-Trichlorobenzene | ppbv | <1.3 | 1.0 | <4.9 | 3.9 | <0.50 | 0.40 | <1.2 | 0.96 | 4297482 | 0.50 |
| Hexachlorobutadiene | ppbv | <1.3 | 1.3 | <4.9 | 4.9 | <0.50 | 0.50 | <1.2 | 1.2 | 4297482 | 0.50 |
| Hexane | ppbv | 15.8 | 0.25 | 8.1 | 0.97 | 17.0 | 0.10 | 12.2 | 0.23 | 4297482 | 0.30 |
| Heptane | ppbv | 214 | 0.25 | 252 | 0.97 | 60.2 | 0.10 | 4.85 | 0.23 | 4297482 | 0.30 |
| Cyclohexane | ppbv | 11.0 | 0.25 | 3.6 | 0.95 | 7.15 | 0.10 | <18 | 9.0 | 4297482 | 0.20 |
| Tetrahydrofuran | ppbv | 7.5 | 0.25 | <3.9 | 0.98 | 0.92 | 0.10 | 5.85 | 0.23 | 4297482 | 0.40 |
| 1,4-Dioxane | ppbv | <2.5 | 1.0 | <9.7 | 3.9 | <1.0 | 0.40 | <2.3 | 0.92 | 4297482 | 1.0 |
| Naphthalene | ppbv | 12.3 | N/A | 5.3 | N/A | 3.12 | N/A | 3.6 | N/A | 4297482 | 0.50 |
| Total Xylenes | ppbv | 39.0 | 0.25 | 21.6 | 0.97 | 37.0 | 0.10 | 23.4 | 0.23 | 4297482 | 0.30 |
| 1,1,1,2-Tetrachloroethane | ppbv | <0.25 | N/A | <0.97 | N/A | <0.10 | N/A | <0.23 | N/A | 4297482 | 0.10 |
| Vinyl Bromide | ppbv | <0.50 | 0.25 | <1.9 | 0.95 | <0.20 | 0.10 | <0.46 | 0.23 | 4297482 | 0.20 |
| Propene | ppbv | 3.5 | 0.78 | <4.9 | 2.9 | 1.57 | 0.30 | 3.6 | 0.72 | 4297482 | 0.50 |
| 2,2,4-Trimethylpentane | ppbv | 5.73 | 0.25 | 3.7 | 0.95 | 8.56 | 0.10 | 4.34 | 0.23 | 4297482 | 0.20 |
| Carbon Disulfide | ppbv | <1.3 | 0.26 | <4.9 | 0.98 | <0.50 | 0.10 | <1.2 | 0.24 | 4297482 | 0.50 |
| Vinyl Acetate | ppbv | 1.70 | 0.25 | <1.9 | 0.95 | <2.4 | 1.2 | <1.8 | 0.90 | 4297482 | 0.20 |
| **Surrogate Recovery (%)** | | | | | | | | | | | |
| Bromochloromethane | % | 103 | N/A | 87 | N/A | 86 | N/A | 86 | N/A | 4297482 | N/A |
| D5-Chlorobenzene | % | 91 | N/A | 84 | N/A | 79 | N/A | 82 | N/A | 4297482 | N/A |
| Difluorobenzene | % | 98 | N/A | 86 | N/A | 82 | N/A | 84 | N/A | 4297482 | N/A |

QC Batch = Quality Control Batch
N/A = Not Applicable



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO134 | | BKO135 | | | |
|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | 2015/11/20 | | | |
| COC Number | | na | | na | | | |
| | UNITS | BLEND-C3-R2 | MDL | BLEND-C3-R3 | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ppbv | 0.54 | 0.24 | 0.65 | 0.24 | 4297482 | 0.20 |
| 1,2-Dichlorotetrafluoroethane | ppbv | <0.41 | 0.24 | <0.41 | 0.24 | 4297482 | 0.17 |
| Chloromethane | ppbv | <0.72 | 0.24 | <0.72 | 0.24 | 4297482 | 0.30 |
| Vinyl Chloride | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| Chloroethane | ppbv | <0.72 | 0.24 | <0.72 | 0.24 | 4297482 | 0.30 |
| 1,3-Butadiene | ppbv | <1.2 | 0.24 | <1.2 | 0.24 | 4297482 | 0.50 |
| Trichlorofluoromethane (FREON 11) | ppbv | <0.48 | 0.24 | 0.73 | 0.24 | 4297482 | 0.20 |
| Ethanol (ethyl alcohol) | ppbv | 543 | 4.8 | 401 | 3.0 | 4297482 | 1.0 |
| Trichlorotrifluoroethane | ppbv | <0.36 | 0.24 | <0.36 | 0.24 | 4297482 | 0.15 |
| 2-propanol | ppbv | 5.9 | 1.4 | <2.4 | 1.4 | 4297482 | 1.0 |
| 2-Propanone | ppbv | 19.4 | 0.48 | 18.4 | 0.48 | 4297482 | 0.80 |
| Methyl Ethyl Ketone (2-Butanone) | ppbv | 4.7 | 1.4 | <2.4 | 1.4 | 4297482 | 1.0 |
| Methyl Isobutyl Ketone | ppbv | <2.4 | 1.7 | <2.4 | 1.7 | 4297482 | 1.0 |
| Methyl Butyl Ketone (2-Hexanone) | ppbv | <2.4 | 0.96 | <2.4 | 0.96 | 4297482 | 1.0 |
| Methyl t-butyl ether (MTBE) | ppbv | <0.48 | 0.24 | <0.48 | 0.24 | 4297482 | 0.20 |
| Ethyl Acetate | ppbv | <2.4 | 1.2 | <2.4 | 1.2 | 4297482 | 1.0 |
| 1,1-Dichloroethylene | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| cis-1,2-Dichloroethylene | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| trans-1,2-Dichloroethylene | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| Methylene Chloride(Dichloromethane) | ppbv | <1.9 | 0.24 | <1.9 | 0.24 | 4297482 | 0.80 |
| Chloroform | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| Carbon Tetrachloride | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| 1,1-Dichloroethane | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| 1,2-Dichloroethane | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| Ethylene Dibromide | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| 1,1,1-Trichloroethane | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| 1,1,2-Trichloroethane | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| 1,1,2,2-Tetrachloroethane | ppbv | 0.31 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| cis-1,3-Dichloropropene | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| trans-1,3-Dichloropropene | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| 1,2-Dichloropropane | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| Bromomethane | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| Bromoform | ppbv | <0.48 | 0.24 | <0.48 | 0.24 | 4297482 | 0.20 |
| Bromodichloromethane | ppbv | <0.48 | 0.24 | <0.48 | 0.24 | 4297482 | 0.20 |
| Dibromochloromethane | ppbv | <0.48 | 0.24 | <0.48 | 0.24 | 4297482 | 0.20 |
| Trichloroethylene | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| QC Batch = Quality Control Batch | | | | | | | |



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A Bureau Veritas Group Company

Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VOLATILE ORGANICS BY GC/MS (AIR)

| Maxxam ID | | BKO134 | | BKO135 | | | |
|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | 2015/11/20 | | | |
| COC Number | | na | | na | | | |
| | UNITS | BLEND-C3-R2 | MDL | BLEND-C3-R3 | MDL | QC Batch | RDL |
| Tetrachloroethylene | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| Benzene | ppbv | 4.29 | 0.24 | 6.36 | 0.24 | 4297482 | 0.10 |
| Toluene | ppbv | 23.6 | 0.24 | 29.1 | 0.24 | 4297482 | 0.10 |
| Ethylbenzene | ppbv | 3.08 | 0.24 | 4.74 | 0.24 | 4297482 | 0.10 |
| p+m-Xylene | ppbv | 10.2 | 0.24 | 16.8 | 0.24 | 4297482 | 0.20 |
| o-Xylene | ppbv | 3.69 | 0.24 | 6.30 | 0.24 | 4297482 | 0.10 |
| Styrene | ppbv | 1.26 | 0.24 | 0.85 | 0.24 | 4297482 | 0.10 |
| 4-ethyltoluene | ppbv | <1.2 | 1.2 | 1.4 | 1.2 | 4297482 | 0.50 |
| 1,3,5-Trimethylbenzene | ppbv | 1.4 | 0.24 | 1.7 | 0.24 | 4297482 | 0.50 |
| 1,2,4-Trimethylbenzene | ppbv | 3.5 | 0.24 | 5.3 | 0.24 | 4297482 | 0.50 |
| Chlorobenzene | ppbv | <0.24 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| Benzyl chloride | ppbv | <1.2 | 0.48 | <1.2 | 0.48 | 4297482 | 0.50 |
| 1,3-Dichlorobenzene | ppbv | <0.96 | 0.24 | <0.96 | 0.24 | 4297482 | 0.40 |
| 1,4-Dichlorobenzene | ppbv | 0.31 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| 1,2-Dichlorobenzene | ppbv | 0.41 | 0.24 | <0.24 | 0.24 | 4297482 | 0.10 |
| 1,2,4-Trichlorobenzene | ppbv | <1.2 | 0.96 | <1.2 | 0.96 | 4297482 | 0.50 |
| Hexachlorobutadiene | ppbv | <1.2 | 1.2 | <1.2 | 1.2 | 4297482 | 0.50 |
| Hexane | ppbv | 6.82 | 0.24 | 10.8 | 0.24 | 4297482 | 0.30 |
| Heptane | ppbv | 3.08 | 0.24 | 4.03 | 0.24 | 4297482 | 0.30 |
| Cyclohexane | ppbv | 3.09 | 0.24 | 3.89 | 0.24 | 4297482 | 0.20 |
| Tetrahydrofuran | ppbv | 2.96 | 0.24 | <0.96 | 0.24 | 4297482 | 0.40 |
| 1,4-Dioxane | ppbv | 4.4 | 0.96 | <2.4 | 0.96 | 4297482 | 1.0 |
| Naphthalene | ppbv | 2.1 | N/A | <1.2 | N/A | 4297482 | 0.50 |
| Total Xylenes | ppbv | 13.9 | 0.24 | 23.1 | 0.24 | 4297482 | 0.30 |
| 1,1,1,2-Tetrachloroethane | ppbv | <0.24 | N/A | <0.24 | N/A | 4297482 | 0.10 |
| Vinyl Bromide | ppbv | <0.48 | 0.24 | <0.48 | 0.24 | 4297482 | 0.20 |
| Propene | ppbv | 1.8 | 0.72 | 1.7 | 0.72 | 4297482 | 0.50 |
| 2,2,4-Trimethylpentane | ppbv | 2.85 | 0.24 | 5.65 | 0.24 | 4297482 | 0.20 |
| Carbon Disulfide | ppbv | 6.8 | 0.24 | <1.2 | 0.24 | 4297482 | 0.50 |
| Vinyl Acetate | ppbv | <1.2 | 0.60 | <1.7 | 0.85 | 4297482 | 0.20 |
| **Surrogate Recovery (%)** | | | | | | | |
| Bromochloromethane | % | 98 | N/A | 87 | N/A | 4297482 | N/A |
| D5-Chlorobenzene | % | 95 | N/A | 84 | N/A | 4297482 | N/A |
| Difluorobenzene | % | 97 | N/A | 86 | N/A | 4297482 | N/A |

QC Batch = Quality Control Batch
N/A = Not Applicable



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO109 | BKO109 | | BKO110 | | BKO111 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | 2015/11/18 | | 2015/11/18 | | 2015/11/18 | | | |
| COC Number | | na | na | | na | | na | | | |
| | UNITS | AUTO-C1-R1 | AUTO-C1-R1 Lab-Dup | MDL | AUTO-C1-R2 | MDL | AUTO-C1-R3 | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ug/m3 | 437 | 411 | 0.10 | 172 | 0.10 | 13.5 | 0.10 | 4289642 | 0.99 |
| 1,2-Dichlorotetrafluoroethane | ug/m3 | <1.2 | <1.2 | 0.10 | <1.2 | 0.10 | <1.2 | 0.10 | 4289642 | 1.2 |
| Chloromethane | ug/m3 | 2.20 | 1.98 | 0.10 | 1.94 | 0.10 | 1.99 | 0.10 | 4289642 | 0.62 |
| Vinyl Chloride | ug/m3 | 1.22 | 1.18 | 0.057 | 1.27 | 0.057 | 1.19 | 0.057 | 4289642 | 0.46 |
| Chloroethane | ug/m3 | <0.79 | <0.79 | 0.10 | <0.79 | 0.10 | <0.79 | 0.10 | 4289642 | 0.79 |
| 1,3-Butadiene | ug/m3 | <1.1 | <1.1 | 0.10 | <1.1 | 0.10 | <1.1 | 0.10 | 4289642 | 1.1 |
| Trichlorofluoromethane (FREON 11) | ug/m3 | 7.6 | 7.4 | 0.10 | 65.4 | 0.10 | 14.3 | 0.10 | 4289642 | 1.1 |
| Ethanol (ethyl alcohol) | ug/m3 | 5060 | 4970 | 13 | 7290 | 20 | 9120 | 22 | 4289642 | 4.3 |
| Trichlorotrifluoroethane | ug/m3 | <1.2 | <1.2 | 0.11 | <1.2 | 0.11 | <1.2 | 0.11 | 4289642 | 1.1 |
| 2-propanol | ug/m3 | 2180 | 2320 | 2.0 | 1550 | 2.0 | 472 | 2.0 | 4289642 | 7.4 |
| 2-Propanone | ug/m3 | 1500 | 1620 | 0.32 | 2970 | 0.32 | 3390 | 0.32 | 4289642 | 12 |
| Methyl Ethyl Ketone (2-Butanone) | ug/m3 | 915 | 957 | 2.0 | 1330 | 2.0 | 1370 | 2.0 | 4289642 | 8.8 |
| Methyl Isobutyl Ketone | ug/m3 | 30.4 | 26.9 | 0.19 | 20.8 | 0.19 | 19.7 | 0.19 | 4289642 | 13 |
| Methyl Butyl Ketone (2-Hexanone) | ug/m3 | <11 | <11 | 0.54 | <11 | 0.54 | <4.1 | 0.20 | 4289642 | 8.2 |
| Methyl t-butyl ether (MTBE) | ug/m3 | <26 | <26 | 3.6 | 14.1 | 0.10 | 27.1 | 0.10 | 4289642 | 0.72 |
| Ethyl Acetate | ug/m3 | 75.5 | 62.4 | 0.23 | 95.6 | 0.23 | 145 | 0.23 | 4289642 | 7.9 |
| 1,1-Dichloroethylene | ug/m3 | 9.49 | 8.77 | 0.040 | <10 | 1.0 | <11 | 1.1 | 4289642 | 0.99 |
| cis-1,2-Dichloroethylene | ug/m3 | <0.40 | <0.40 | 0.053 | <0.40 | 0.053 | <0.40 | 0.053 | 4289642 | 0.75 |
| trans-1,2-Dichloroethylene | ug/m3 | <0.40 | <0.40 | 0.051 | <0.40 | 0.051 | <0.40 | 0.051 | 4289642 | 0.79 |
| Methylene Chloride(Dichloromethane) | ug/m3 | 83.8 | 73.6 | 0.054 | 12.4 | 0.054 | 19.9 | 0.054 | 4289642 | 5.2 |
| Chloroform | ug/m3 | <2.4 | <2.4 | 0.33 | <2.0 | 0.27 | <2.4 | 0.33 | 4289642 | 0.73 |
| Carbon Tetrachloride | ug/m3 | <0.63 | <0.63 | 0.033 | <0.63 | 0.033 | <0.63 | 0.033 | 4289642 | 1.9 |
| 1,1-Dichloroethane | ug/m3 | <2.8 | <2.8 | 0.35 | <3.6 | 0.44 | <3.2 | 0.40 | 4289642 | 0.81 |
| 1,2-Dichloroethane | ug/m3 | <0.40 | <0.40 | 0.049 | <0.40 | 0.049 | <0.40 | 0.049 | 4289642 | 0.81 |
| Ethylene Dibromide | ug/m3 | <0.77 | <0.77 | 0.059 | <0.77 | 0.059 | <0.77 | 0.059 | 4289642 | 1.3 |
| 1,1,1-Trichloroethane | ug/m3 | 1.55 | 1.36 | 0.034 | 0.63 | 0.034 | <0.55 | 0.034 | 4289642 | 1.6 |
| 1,1,2-Trichloroethane | ug/m3 | <0.55 | <0.55 | 0.067 | <0.55 | 0.067 | <0.55 | 0.067 | 4289642 | 0.82 |
| 1,1,2,2-Tetrachloroethane | ug/m3 | <0.69 | <0.69 | 0.049 | <0.69 | 0.049 | <0.69 | 0.049 | 4289642 | 1.4 |
| cis-1,3-Dichloropropene | ug/m3 | <0.45 | <0.45 | 0.055 | <0.45 | 0.055 | <0.45 | 0.055 | 4289642 | 0.82 |
| trans-1,3-Dichloropropene | ug/m3 | <0.45 | <0.45 | 0.058 | <0.45 | 0.058 | <0.45 | 0.058 | 4289642 | 0.77 |
| 1,2-Dichloropropane | ug/m3 | <0.46 | <0.46 | 0.026 | <3.7 | 0.21 | <3.7 | 0.21 | 4289642 | 1.8 |
| Bromomethane | ug/m3 | 0.46 | 0.45 | 0.056 | 0.51 | 0.056 | 0.42 | 0.056 | 4289642 | 0.70 |
| Bromoform | ug/m3 | <2.1 | <2.1 | 0.10 | <2.1 | 0.10 | <2.1 | 0.10 | 4289642 | 2.1 |
| Bromodichloromethane | ug/m3 | <1.3 | <1.3 | 0.10 | <1.3 | 0.10 | <1.3 | 0.10 | 4289642 | 1.3 |
| Dibromochloromethane | ug/m3 | <1.7 | <1.7 | 0.10 | <1.7 | 0.10 | <1.7 | 0.10 | 4289642 | 1.7 |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO109 | BKO109 | | BKO110 | | BKO111 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | 2015/11/18 | | 2015/11/18 | | 2015/11/18 | | | |
| COC Number | | na | na | | na | | na | | | |
| | UNITS | AUTO-C1-R1 | AUTO-C1-R1 Lab-Dup | MDL | AUTO-C1-R2 | MDL | AUTO-C1-R3 | MDL | QC Batch | RDL |
| Trichloroethylene | ug/m3 | <0.54 | 0.58 | 0.034 | <1.1 | 0.069 | <2.7 | 0.17 | 4289642 | 1.6 |
| Tetrachloroethylene | ug/m3 | 7.20 | 7.03 | 0.049 | 1.72 | 0.049 | 4.83 | 0.049 | 4289642 | 1.4 |
| Benzene | ug/m3 | 404 | 426 | 0.56 | 655 | 0.56 | 644 | 0.56 | 4289642 | 0.57 |
| Toluene | ug/m3 | 1900 | 2010 | 0.10 | 3380 | 0.10 | 3880 | 0.10 | 4289642 | 3.8 |
| Ethylbenzene | ug/m3 | 372 | 391 | 0.49 | 657 | 0.49 | 701 | 0.49 | 4289642 | 0.87 |
| p+m-Xylene | ug/m3 | 1270 | 1340 | 0.54 | 2210 | 0.54 | 2250 | 0.54 | 4289642 | 1.6 |
| o-Xylene | ug/m3 | 462 | 492 | 0.49 | 816 | 0.49 | 820 | 0.49 | 4289642 | 0.87 |
| Styrene | ug/m3 | 127 | 126 | 0.051 | 148 | 0.051 | 139 | 0.051 | 4289642 | 0.85 |
| 4-ethyltoluene | ug/m3 | 147 | 144 | 0.11 | 251 | 0.11 | 260 | 0.11 | 4289642 | 11 |
| 1,3,5-Trimethylbenzene | ug/m3 | 151 | 145 | 0.021 | 250 | 0.021 | 254 | 0.021 | 4289642 | 12 |
| 1,2,4-Trimethylbenzene | ug/m3 | 478 | 464 | 0.021 | 717 | 0.21 | 693 | 0.21 | 4289642 | 12 |
| Chlorobenzene | ug/m3 | <0.46 | <0.46 | 0.050 | <0.46 | 0.050 | <0.46 | 0.050 | 4289642 | 0.92 |
| Benzyl chloride | ug/m3 | <2.6 | <2.6 | 0.10 | <2.6 | 0.10 | <2.6 | 0.10 | 4289642 | 5.2 |
| 1,3-Dichlorobenzene | ug/m3 | <2.4 | <2.4 | 0.10 | <2.4 | 0.10 | <2.4 | 0.10 | 4289642 | 2.4 |
| 1,4-Dichlorobenzene | ug/m3 | <0.60 | <0.60 | 0.025 | <0.60 | 0.025 | <0.60 | 0.025 | 4289642 | 2.4 |
| 1,2-Dichlorobenzene | ug/m3 | <0.60 | <0.60 | 0.025 | <0.60 | 0.025 | <0.60 | 0.025 | 4289642 | 2.4 |
| 1,2,4-Trichlorobenzene | ug/m3 | <3.7 | <3.7 | 0.099 | <3.7 | 0.099 | <3.7 | 0.099 | 4289642 | 15 |
| Hexachlorobutadiene | ug/m3 | <5.3 | <5.3 | 0.099 | <5.3 | 0.099 | <5.3 | 0.099 | 4289642 | 32 |
| Hexane | ug/m3 | 1210 | 1280 | 0.31 | 1880 | 0.31 | 1820 | 0.31 | 4289642 | 3.5 |
| Heptane | ug/m3 | 719 | 625 | 0.10 | 925 | 1.0 | 949 | 1.0 | 4289642 | 1.2 |
| Cyclohexane | ug/m3 | 559 | 516 | 0.10 | 594 | 0.10 | 584 | 0.10 | 4289642 | 0.69 |
| Tetrahydrofuran | ug/m3 | 309 | 321 | 1.0 | 127 | 1.0 | 182 | 1.0 | 4289642 | 1.2 |
| 1,4-Dioxane | ug/m3 | <6.1 | <6.1 | 0.34 | <6.5 | 0.36 | <6.5 | 0.36 | 4289642 | 7.2 |
| Naphthalene | ug/m3 | 12.2 | 12.3 | N/A | 35.7 | N/A | 40.3 | N/A | 4289642 | 11 |
| Total Xylenes | ug/m3 | 1730 | 1830 | N/A | 3020 | N/A | 3070 | N/A | 4289642 | 2.6 |
| 1,1,1,2-Tetrachloroethane | ug/m3 | <0.69 | <0.69 | N/A | <0.69 | N/A | <0.69 | N/A | 4289642 | 1.4 |
| Vinyl Bromide | ug/m3 | <0.87 | <0.87 | 0.10 | <0.87 | 0.10 | <0.87 | 0.10 | 4289642 | 0.87 |
| Propene | ug/m3 | 167 | 143 | 0.033 | 135 | 0.033 | 141 | 0.033 | 4289642 | 2.6 |
| 2,2,4-Trimethylpentane | ug/m3 | 1100 | 1180 | 1.0 | 1470 | 1.0 | 1860 | 1.0 | 4289642 | 0.93 |
| Carbon Disulfide | ug/m3 | <1.6 | <1.6 | 0.021 | <1.6 | 0.021 | <1.6 | 0.021 | 4289642 | 7.8 |
| Vinyl Acetate | ug/m3 | <190 | <190 | 27 | <220 | 31 | <210 | 30 | 4289642 | 0.70 |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO112 | | BKO113 | | BKO114 | | BKO115 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | | 2015/11/18 | | 2015/11/18 | | 2015/11/18 | | | |
| COC Number | | na | | na | | na | | na | | | |
| | UNITS | AUTO-C2-R1 | MDL | AUTO-C2-R2 | MDL | AUTO-C2-R3 | MDL | AUTO-C3-R1 | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ug/m3 | 2.69 | 0.10 | <2.4 | 0.24 | 2.3 | 0.21 | 2.63 | 0.10 | 4289642 | 0.99 |
| 1,2-Dichlorotetrafluoroethane | ug/m3 | <1.2 | 0.10 | <2.9 | 0.24 | <2.5 | 0.21 | <1.2 | 0.10 | 4289642 | 1.2 |
| Chloromethane | ug/m3 | 0.74 | 0.10 | <1.5 | 0.24 | <1.3 | 0.21 | 0.79 | 0.10 | 4289642 | 0.62 |
| Vinyl Chloride | ug/m3 | <0.26 | 0.057 | <0.61 | 0.13 | <0.54 | 0.12 | <0.26 | 0.057 | 4289642 | 0.46 |
| Chloroethane | ug/m3 | <0.79 | 0.10 | <1.9 | 0.24 | <1.7 | 0.22 | <0.79 | 0.10 | 4289642 | 0.79 |
| 1,3-Butadiene | ug/m3 | <1.1 | 0.10 | <2.7 | 0.25 | <2.3 | 0.21 | <1.1 | 0.10 | 4289642 | 1.1 |
| Trichlorofluoromethane (FREON 11) | ug/m3 | 2.5 | 0.10 | <2.7 | 0.25 | <2.4 | 0.22 | 2.1 | 0.10 | 4289642 | 1.1 |
| Ethanol (ethyl alcohol) | ug/m3 | 650 | 1.1 | 674 | 1.0 | 1790 | 4.7 | 10.7 | 0.22 | 4289642 | 4.3 |
| Trichlorotrifluoroethane | ug/m3 | <1.2 | 0.11 | <2.8 | 0.25 | <2.4 | 0.22 | <1.2 | 0.11 | 4289642 | 1.1 |
| 2-propanol | ug/m3 | 242 | 0.20 | 7.0 | 0.48 | 10.3 | 0.42 | <2.5 | 0.20 | 4289642 | 7.4 |
| 2-Propanone | ug/m3 | 3330 | 0.32 | 117 | 0.077 | 58.0 | 0.067 | 16.0 | 0.032 | 4289642 | 12 |
| Methyl Ethyl Ketone (2-Butanone) | ug/m3 | 41.2 | 0.20 | 7.8 | 0.48 | 9.4 | 0.42 | 3.0 | 0.20 | 4289642 | 8.8 |
| Methyl Isobutyl Ketone | ug/m3 | <4.1 | 0.19 | <9.8 | 0.45 | <8.6 | 0.40 | <4.1 | 0.19 | 4289642 | 13 |
| Methyl Butyl Ketone (2-Hexanone) | ug/m3 | <4.1 | 0.20 | <9.8 | 0.48 | <8.6 | 0.42 | <4.1 | 0.20 | 4289642 | 8.2 |
| Methyl t-butyl ether (MTBE) | ug/m3 | <0.72 | 0.10 | <1.7 | 0.24 | 2.2 | 0.21 | <0.72 | 0.10 | 4289642 | 0.72 |
| Ethyl Acetate | ug/m3 | <3.6 | 0.23 | <8.6 | 0.54 | <7.6 | 0.48 | <3.6 | 0.23 | 4289642 | 7.9 |
| 1,1-Dichloroethylene | ug/m3 | <0.40 | 0.040 | <0.95 | 0.096 | <0.83 | 0.084 | <0.40 | 0.040 | 4289642 | 0.99 |
| cis-1,2-Dichloroethylene | ug/m3 | <0.40 | 0.053 | <0.95 | 0.13 | <0.83 | 0.11 | <0.40 | 0.053 | 4289642 | 0.75 |
| trans-1,2-Dichloroethylene | ug/m3 | <0.40 | 0.051 | <0.95 | 0.12 | <0.83 | 0.11 | <0.40 | 0.051 | 4289642 | 0.79 |
| Methylene Chloride(Dichloromethane) | ug/m3 | <2.8 | 0.054 | <6.7 | 0.13 | <5.8 | 0.11 | <2.8 | 0.054 | 4289642 | 5.2 |
| Chloroform | ug/m3 | <0.49 | 0.067 | <1.2 | 0.16 | <1.0 | 0.14 | <0.49 | 0.067 | 4289642 | 0.73 |
| Carbon Tetrachloride | ug/m3 | <0.63 | 0.033 | <1.5 | 0.079 | <1.3 | 0.068 | <0.63 | 0.033 | 4289642 | 1.9 |
| 1,1-Dichloroethane | ug/m3 | <0.40 | 0.049 | <0.97 | 0.12 | <0.85 | 0.10 | <0.40 | 0.049 | 4289642 | 0.81 |
| 1,2-Dichloroethane | ug/m3 | <0.40 | 0.049 | <0.97 | 0.12 | <0.85 | 0.10 | <0.40 | 0.049 | 4289642 | 0.81 |
| Ethylene Dibromide | ug/m3 | <0.77 | 0.059 | <1.8 | 0.14 | <1.6 | 0.12 | <0.77 | 0.059 | 4289642 | 1.3 |
| 1,1,1-Trichloroethane | ug/m3 | <0.55 | 0.034 | <1.3 | 0.081 | <1.1 | 0.069 | <0.55 | 0.034 | 4289642 | 1.6 |
| 1,1,2-Trichloroethane | ug/m3 | <0.55 | 0.067 | <1.3 | 0.16 | <1.1 | 0.13 | <0.55 | 0.067 | 4289642 | 0.82 |
| 1,1,2,2-Tetrachloroethane | ug/m3 | <0.69 | 0.049 | <1.6 | 0.11 | <1.4 | 0.10 | <0.69 | 0.049 | 4289642 | 1.4 |
| cis-1,3-Dichloropropene | ug/m3 | <0.45 | 0.055 | <1.1 | 0.13 | <0.95 | 0.12 | <0.45 | 0.055 | 4289642 | 0.82 |
| trans-1,3-Dichloropropene | ug/m3 | <0.45 | 0.058 | <1.1 | 0.14 | <0.95 | 0.12 | <0.45 | 0.058 | 4289642 | 0.77 |
| 1,2-Dichloropropane | ug/m3 | <0.46 | 0.026 | <1.1 | 0.061 | <0.97 | 0.054 | <0.46 | 0.026 | 4289642 | 1.8 |
| Bromomethane | ug/m3 | <0.39 | 0.056 | <0.93 | 0.13 | <0.82 | 0.12 | <0.39 | 0.056 | 4289642 | 0.70 |
| Bromoform | ug/m3 | <2.1 | 0.10 | <5.0 | 0.24 | <4.3 | 0.20 | <2.1 | 0.10 | 4289642 | 2.1 |
| Bromodichloromethane | ug/m3 | <1.3 | 0.10 | <3.2 | 0.25 | <2.8 | 0.22 | <1.3 | 0.10 | 4289642 | 1.3 |
| Dibromochloromethane | ug/m3 | <1.7 | 0.10 | <4.1 | 0.24 | <3.6 | 0.21 | <1.7 | 0.10 | 4289642 | 1.7 |
| Trichloroethylene | ug/m3 | <0.54 | 0.034 | <1.3 | 0.081 | <1.1 | 0.069 | <0.54 | 0.034 | 4289642 | 1.6 |

QC Batch = Quality Control Batch



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO112 | | BKO113 | | BKO114 | | BKO115 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | | 2015/11/18 | | 2015/11/18 | | 2015/11/18 | | | |
| COC Number | | na | | na | | na | | na | | | |
| | UNITS | AUTO-C2-R1 | MDL | AUTO-C2-R2 | MDL | AUTO-C2-R3 | MDL | AUTO-C3-R1 | MDL | QC Batch | RDL |
| Tetrachloroethylene | ug/m3 | <0.68 | 0.049 | <1.6 | 0.11 | <1.4 | 0.10 | 1.10 | 0.049 | 4289642 | 1.4 |
| Benzene | ug/m3 | 24.0 | 0.056 | 32.9 | 0.14 | 41.4 | 0.12 | 2.61 | 0.056 | 4289642 | 0.57 |
| Toluene | ug/m3 | 726 | 0.050 | 1620 | 0.047 | 1610 | 0.084 | 13.9 | 0.010 | 4289642 | 3.8 |
| Ethylbenzene | ug/m3 | 21.5 | 0.049 | 33.9 | 0.11 | 40.8 | 0.10 | 2.21 | 0.049 | 4289642 | 0.87 |
| p+m-Xylene | ug/m3 | 80.7 | 0.054 | 121 | 0.13 | 145 | 0.11 | 7.30 | 0.054 | 4289642 | 1.6 |
| o-Xylene | ug/m3 | 30.9 | 0.049 | 45.6 | 0.11 | 54.1 | 0.10 | 2.77 | 0.049 | 4289642 | 0.87 |
| Styrene | ug/m3 | 4.01 | 0.051 | 4.1 | 0.12 | 6.22 | 0.10 | 0.68 | 0.051 | 4289642 | 0.85 |
| 4-ethyltoluene | ug/m3 | 9.5 | 0.11 | 12.0 | 0.27 | 14.8 | 0.24 | <2.5 | 0.11 | 4289642 | 11 |
| 1,3,5-Trimethylbenzene | ug/m3 | 19.7 | 0.021 | 14.2 | 0.049 | 15.9 | 0.043 | <2.5 | 0.021 | 4289642 | 12 |
| 1,2,4-Trimethylbenzene | ug/m3 | 33.0 | 0.021 | 40.3 | 0.049 | 48.3 | 0.043 | 2.5 | 0.021 | 4289642 | 12 |
| Chlorobenzene | ug/m3 | <0.46 | 0.050 | <1.1 | 0.12 | <0.97 | 0.11 | <0.46 | 0.050 | 4289642 | 0.92 |
| Benzyl chloride | ug/m3 | <2.6 | 0.10 | <6.2 | 0.24 | <5.4 | 0.21 | <2.6 | 0.10 | 4289642 | 5.2 |
| 1,3-Dichlorobenzene | ug/m3 | <2.4 | 0.10 | <5.8 | 0.24 | <5.1 | 0.21 | <2.4 | 0.10 | 4289642 | 2.4 |
| 1,4-Dichlorobenzene | ug/m3 | <0.60 | 0.025 | <1.4 | 0.058 | <1.3 | 0.054 | <0.60 | 0.025 | 4289642 | 2.4 |
| 1,2-Dichlorobenzene | ug/m3 | <0.60 | 0.025 | <1.4 | 0.058 | <1.3 | 0.054 | <0.60 | 0.025 | 4289642 | 2.4 |
| 1,2,4-Trichlorobenzene | ug/m3 | <3.7 | 0.099 | <8.9 | 0.24 | <7.8 | 0.21 | <3.7 | 0.099 | 4289642 | 15 |
| Hexachlorobutadiene | ug/m3 | <5.3 | 0.099 | <13 | 0.24 | <11 | 0.21 | <5.3 | 0.099 | 4289642 | 32 |
| Hexane | ug/m3 | 43.1 | 0.031 | 64.4 | 0.071 | 90.2 | 0.063 | 3.8 | 0.031 | 4289642 | 3.5 |
| Heptane | ug/m3 | 210 | 0.10 | 526 | 0.25 | 527 | 0.22 | 3.4 | 0.10 | 4289642 | 1.2 |
| Cyclohexane | ug/m3 | 23.1 | 0.10 | 23.3 | 0.25 | 30.6 | 0.20 | 1.30 | 0.10 | 4289642 | 0.69 |
| Tetrahydrofuran | ug/m3 | <3.2 | 0.27 | <2.8 | 0.23 | 7.7 | 0.21 | <1.2 | 0.10 | 4289642 | 1.2 |
| 1,4-Dioxane | ug/m3 | 15.0 | 0.20 | <8.6 | 0.48 | <7.6 | 0.42 | <3.6 | 0.20 | 4289642 | 7.2 |
| Naphthalene | ug/m3 | 14.6 | N/A | 8.3 | N/A | 7.5 | N/A | <2.6 | N/A | 4289642 | 11 |
| Total Xylenes | ug/m3 | 112 | N/A | 166 | N/A | 199 | N/A | 10.1 | N/A | 4289642 | 2.6 |
| 1,1,1,2-Tetrachloroethane | ug/m3 | <0.69 | N/A | <1.6 | N/A | <1.4 | N/A | <0.69 | N/A | 4289642 | 1.4 |
| Vinyl Bromide | ug/m3 | <0.87 | 0.10 | <2.1 | 0.24 | <1.8 | 0.21 | <0.87 | 0.10 | 4289642 | 0.87 |
| Propene | ug/m3 | 4.49 | 0.033 | 3.6 | 0.081 | 2.7 | 0.069 | 5.63 | 0.033 | 4289642 | 2.6 |
| 2,2,4-Trimethylpentane | ug/m3 | 42.4 | 0.10 | 48.6 | 0.24 | 62.9 | 0.22 | 3.01 | 0.10 | 4289642 | 0.93 |
| Carbon Disulfide | ug/m3 | <1.6 | 0.021 | <3.7 | 0.047 | <3.3 | 0.042 | <1.6 | 0.021 | 4289642 | 7.8 |
| Vinyl Acetate | ug/m3 | <4.6 | 0.66 | <8.5 | 1.2 | <12 | 1.7 | <0.70 | 0.10 | 4289642 | 0.70 |

QC Batch = Quality Control Batch
N/A = Not Applicable



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO116 | BKO117 | | BKO118 | | BKO119 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | 2015/11/18 | | 2015/11/19 | | 2015/11/19 | | | |
| COC Number | | na | na | | na | | na | | | |
| | UNITS | AUTO-C3-R2 | AUTO-C3-R3 | MDL | MUNI-C1-R1 | MDL | MUNI-C1-R2 | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ug/m3 | 2.18 | 2.29 | 0.10 | 1190 | 47 | <220 | 22 | 4289642 | 0.99 |
| 1,2-Dichlorotetrafluoroethane | ug/m3 | <1.2 | <1.2 | 0.10 | <560 | 47 | <260 | 22 | 4289642 | 1.2 |
| Chloromethane | ug/m3 | 0.80 | 0.89 | 0.10 | <290 | 47 | <140 | 23 | 4289642 | 0.62 |
| Vinyl Chloride | ug/m3 | <0.26 | <0.26 | 0.057 | <120 | 26 | <56 | 12 | 4289642 | 0.46 |
| Chloroethane | ug/m3 | <0.79 | <0.79 | 0.10 | <380 | 48 | <170 | 22 | 4289642 | 0.79 |
| 1,3-Butadiene | ug/m3 | <1.1 | <1.1 | 0.10 | <530 | 48 | <240 | 22 | 4289642 | 1.1 |
| Trichlorofluoromethane (FREON 11) | ug/m3 | 1.6 | 2.0 | 0.10 | 1110 | 48 | 308 | 23 | 4289642 | 1.1 |
| Ethanol (ethyl alcohol) | ug/m3 | 22.4 | 20.6 | 0.22 | 24700 | 100 | 51200 | 97 | 4289642 | 4.3 |
| Trichlorotrifluoroethane | ug/m3 | <1.2 | <1.2 | 0.11 | <550 | 50 | <250 | 23 | 4289642 | 1.1 |
| 2-propanol | ug/m3 | <2.5 | <2.5 | 0.20 | <4100 | 330 | 8360 | 44 | 4289642 | 7.4 |
| 2-Propanone | ug/m3 | 6.2 | 6.3 | 0.032 | 98800 | 15 | 110000 | 14 | 4289642 | 12 |
| Methyl Ethyl Ketone (2-Butanone) | ug/m3 | <2.9 | <2.9 | 0.20 | 16600 | 95 | 16200 | 44 | 4289642 | 8.8 |
| Methyl Isobutyl Ketone | ug/m3 | <4.1 | <4.1 | 0.19 | 3020 | 88 | 3190 | 42 | 4289642 | 13 |
| Methyl Butyl Ketone (2-Hexanone) | ug/m3 | <4.1 | <4.1 | 0.20 | <1900 | 93 | <900 | 44 | 4289642 | 8.2 |
| Methyl t-butyl ether (MTBE) | ug/m3 | <0.72 | <0.72 | 0.10 | <340 | 47 | 290 | 22 | 4289642 | 0.72 |
| Ethyl Acetate | ug/m3 | <3.6 | <3.6 | 0.23 | 4760 | 110 | 4150 | 50 | 4289642 | 7.9 |
| 1,1-Dichloroethylene | ug/m3 | <0.40 | <0.40 | 0.040 | <190 | 19 | <87 | 8.8 | 4289642 | 0.99 |
| cis-1,2-Dichloroethylene | ug/m3 | <0.40 | <0.40 | 0.053 | <190 | 25 | <87 | 12 | 4289642 | 0.75 |
| trans-1,2-Dichloroethylene | ug/m3 | <0.40 | <0.40 | 0.051 | <190 | 24 | 164 | 11 | 4289642 | 0.79 |
| Methylene Chloride(Dichloromethane) | ug/m3 | <2.8 | <2.8 | 0.054 | 20800 | 25 | 16000 | 12 | 4289642 | 5.2 |
| Chloroform | ug/m3 | <0.49 | <0.49 | 0.067 | <230 | 32 | 244 | 15 | 4289642 | 0.73 |
| Carbon Tetrachloride | ug/m3 | <0.63 | <0.63 | 0.033 | <300 | 16 | <140 | 7.4 | 4289642 | 1.9 |
| 1,1-Dichloroethane | ug/m3 | <0.40 | <0.40 | 0.049 | <190 | 23 | <89 | 11 | 4289642 | 0.81 |
| 1,2-Dichloroethane | ug/m3 | <0.40 | 1.00 | 0.049 | 251 | 23 | <89 | 11 | 4289642 | 0.81 |
| Ethylene Dibromide | ug/m3 | <0.77 | <0.77 | 0.059 | <370 | 28 | <170 | 13 | 4289642 | 1.3 |
| 1,1,1-Trichloroethane | ug/m3 | <0.55 | <0.55 | 0.034 | 2370 | 16 | 6390 | 7.5 | 4289642 | 1.6 |
| 1,1,2-Trichloroethane | ug/m3 | <0.55 | 0.56 | 0.067 | <260 | 32 | <120 | 15 | 4289642 | 0.82 |
| 1,1,2,2-Tetrachloroethane | ug/m3 | <0.69 | <0.69 | 0.049 | <330 | 24 | <150 | 11 | 4289642 | 1.4 |
| cis-1,3-Dichloropropene | ug/m3 | <0.45 | <0.45 | 0.055 | <220 | 27 | <100 | 12 | 4289642 | 0.82 |
| trans-1,3-Dichloropropene | ug/m3 | <0.45 | <0.45 | 0.058 | <220 | 29 | <100 | 13 | 4289642 | 0.77 |
| 1,2-Dichloropropane | ug/m3 | <0.46 | <0.46 | 0.026 | <220 | 12 | <100 | 5.6 | 4289642 | 1.8 |
| Bromomethane | ug/m3 | <0.39 | <0.39 | 0.056 | <180 | 26 | <85 | 12 | 4289642 | 0.70 |
| Bromoform | ug/m3 | <2.1 | <2.1 | 0.10 | <980 | 47 | <450 | 21 | 4289642 | 2.1 |
| Bromodichloromethane | ug/m3 | <1.3 | <1.3 | 0.10 | <640 | 49 | <290 | 22 | 4289642 | 1.3 |
| Dibromochloromethane | ug/m3 | <1.7 | <1.7 | 0.10 | <810 | 48 | <370 | 22 | 4289642 | 1.7 |
| Trichloroethylene | ug/m3 | <0.54 | <0.54 | 0.034 | 3130 | 16 | <810 | 51 | 4289642 | 1.6 |
| QC Batch = Quality Control Batch | | | | | | | | | | |



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO116 | BKO117 | | BKO118 | | BKO119 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/18 | 2015/11/18 | | 2015/11/19 | | 2015/11/19 | | | |
| COC Number | | na | na | | na | | na | | | |
| | UNITS | AUTO-C3-R2 | AUTO-C3-R3 | MDL | MUNI-C1-R1 | MDL | MUNI-C1-R2 | MDL | QC Batch | RDL |
| Tetrachloroethylene | ug/m3 | <0.68 | <0.68 | 0.049 | 8600 | 23 | 11700 | 11 | 4289642 | 1.4 |
| Benzene | ug/m3 | 2.06 | 1.85 | 0.056 | 236 | 26 | 156 | 12 | 4289642 | 0.57 |
| Toluene | ug/m3 | 8.24 | 9.30 | 0.010 | 44200 | 4.7 | 53300 | 2.2 | 4289642 | 3.8 |
| Ethylbenzene | ug/m3 | 1.51 | 1.49 | 0.049 | 4860 | 24 | 7130 | 11 | 4289642 | 0.87 |
| p+m-Xylene | ug/m3 | 5.00 | 4.64 | 0.054 | 15900 | 26 | 25400 | 12 | 4289642 | 1.6 |
| o-Xylene | ug/m3 | 2.00 | 1.83 | 0.049 | 4850 | 24 | 8080 | 11 | 4289642 | 0.87 |
| Styrene | ug/m3 | 0.59 | <0.43 | 0.051 | 4770 | 24 | 5850 | 11 | 4289642 | 0.85 |
| 4-ethyltoluene | ug/m3 | <2.5 | <2.5 | 0.11 | <1200 | 55 | 1610 | 25 | 4289642 | 11 |
| 1,3,5-Trimethylbenzene | ug/m3 | <2.5 | <2.5 | 0.021 | <1200 | 10 | 1710 | 4.5 | 4289642 | 12 |
| 1,2,4-Trimethylbenzene | ug/m3 | <2.5 | <2.5 | 0.021 | 2530 | 10 | 4430 | 4.5 | 4289642 | 12 |
| Chlorobenzene | ug/m3 | <0.46 | <0.46 | 0.050 | <220 | 24 | <100 | 11 | 4289642 | 0.92 |
| Benzyl chloride | ug/m3 | <2.6 | <2.6 | 0.10 | <1200 | 46 | <570 | 22 | 4289642 | 5.2 |
| 1,3-Dichlorobenzene | ug/m3 | <2.4 | <2.4 | 0.10 | <1100 | 46 | <530 | 22 | 4289642 | 2.4 |
| 1,4-Dichlorobenzene | ug/m3 | <0.60 | <0.60 | 0.025 | <290 | 12 | <130 | 5.4 | 4289642 | 2.4 |
| 1,2-Dichlorobenzene | ug/m3 | <0.60 | <0.60 | 0.025 | <290 | 12 | <130 | 5.4 | 4289642 | 2.4 |
| 1,2,4-Trichlorobenzene | ug/m3 | <3.7 | <3.7 | 0.099 | <1800 | 48 | <820 | 22 | 4289642 | 15 |
| Hexachlorobutadiene | ug/m3 | <5.3 | <5.3 | 0.099 | <2500 | 47 | <1200 | 23 | 4289642 | 32 |
| Hexane | ug/m3 | 3.1 | 4.4 | 0.031 | 8200 | 14 | 6510 | 6.6 | 4289642 | 3.5 |
| Heptane | ug/m3 | 1.9 | 2.3 | 0.10 | 10000 | 48 | 11400 | 23 | 4289642 | 1.2 |
| Cyclohexane | ug/m3 | 1.03 | 1.39 | 0.10 | 4140 | 48 | 4280 | 22 | 4289642 | 0.69 |
| Tetrahydrofuran | ug/m3 | <1.2 | <1.2 | 0.10 | 9320 | 47 | 13200 | 22 | 4289642 | 1.2 |
| 1,4-Dioxane | ug/m3 | <3.6 | <3.6 | 0.20 | <1700 | 94 | <790 | 44 | 4289642 | 7.2 |
| Naphthalene | ug/m3 | <2.6 | <2.6 | N/A | <1200 | N/A | <580 | N/A | 4289642 | 11 |
| Total Xylenes | ug/m3 | 7.0 | 6.5 | N/A | 20800 | N/A | 33400 | N/A | 4289642 | 2.6 |
| 1,1,1,2-Tetrachloroethane | ug/m3 | <0.69 | <0.69 | N/A | <330 | N/A | <150 | N/A | 4289642 | 1.4 |
| Vinyl Bromide | ug/m3 | <0.87 | <0.87 | 0.10 | <420 | 48 | <190 | 22 | 4289642 | 0.87 |
| Propene | ug/m3 | 2.14 | 1.78 | 0.033 | <41000 | 1600 | <43000 | 1700 | 4289642 | 2.6 |
| 2,2,4-Trimethylpentane | ug/m3 | 2.53 | 3.68 | 0.10 | 1560 | 47 | 1400 | 23 | 4289642 | 0.93 |
| Carbon Disulfide | ug/m3 | <1.6 | <1.6 | 0.021 | <740 | 9.5 | <340 | 4.4 | 4289642 | 7.8 |
| Vinyl Acetate | ug/m3 | <0.70 | <0.70 | 0.10 | <840 | 120 | <150 | 21 | 4289642 | 0.70 |

QC Batch = Quality Control Batch
N/A = Not Applicable



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO120 | | BKO121 | | BKO122 | | BKO123 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | | 2015/11/19 | | 2015/11/19 | | 2015/11/19 | | | |
| COC Number | | na | | na | | na | | na | | | |
| | UNITS | MUNI-C1-R3 | MDL | MUNI-C2-R1 | MDL | MUNI-C2-R2 | MDL | MUNI-C2-R3 | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ug/m3 | 1090 | 19 | <11 | 1.1 | <13 | 1.3 | <12 | 1.2 | 4289642 | 0.99 |
| 1,2-Dichlorotetrafluoroethane | ug/m3 | <230 | 19 | <14 | 1.2 | <15 | 1.3 | <15 | 1.3 | 4289642 | 1.2 |
| Chloromethane | ug/m3 | <120 | 19 | <7.1 | 1.1 | <8.1 | 1.3 | <7.7 | 1.2 | 4289642 | 0.62 |
| Vinyl Chloride | ug/m3 | <49 | 11 | <2.9 | 0.63 | <3.3 | 0.72 | <3.2 | 0.70 | 4289642 | 0.46 |
| Chloroethane | ug/m3 | <150 | 19 | <9.1 | 1.2 | <10 | 1.3 | <9.9 | 1.3 | 4289642 | 0.79 |
| 1,3-Butadiene | ug/m3 | <210 | 19 | <13 | 1.2 | <14 | 1.3 | <14 | 1.3 | 4289642 | 1.1 |
| Trichlorofluoromethane (FREON 11) | ug/m3 | 2170 | 19 | 15 | 1.2 | <15 | 1.4 | <14 | 1.3 | 4289642 | 1.1 |
| Ethanol (ethyl alcohol) | ug/m3 | 59500 | 84 | 16800 | 26 | 22700 | 57 | 18100 | 28 | 4289642 | 4.3 |
| Trichlorotrifluoroethane | ug/m3 | 2790 | 20 | <13 | 1.2 | <15 | 1.4 | 15 | 1.3 | 4289642 | 1.1 |
| 2-propanol | ug/m3 | 10100 | 38 | 1150 | 2.3 | 2210 | 2.6 | 2230 | 2.5 | 4289642 | 7.4 |
| 2-Propanone | ug/m3 | 121000 | 12 | 8130 | 3.7 | 7820 | 0.82 | 7370 | 0.80 | 4289642 | 12 |
| Methyl Ethyl Ketone (2-Butanone) | ug/m3 | 17400 | 38 | 1030 | 2.3 | 1060 | 2.6 | 1120 | 2.5 | 4289642 | 8.8 |
| Methyl Isobutyl Ketone | ug/m3 | 4490 | 36 | 167 | 2.2 | 159 | 2.4 | 238 | 2.4 | 4289642 | 13 |
| Methyl Butyl Ketone (2-Hexanone) | ug/m3 | <780 | 38 | <47 | 2.3 | <53 | 2.6 | <51 | 2.5 | 4289642 | 8.2 |
| Methyl t-butyl ether (MTBE) | ug/m3 | <140 | 19 | <8.3 | 1.2 | <9.4 | 1.3 | <9.0 | 1.3 | 4289642 | 0.72 |
| Ethyl Acetate | ug/m3 | 3010 | 43 | 156 | 2.6 | 151 | 3.0 | 130 | 2.8 | 4289642 | 7.9 |
| 1,1-Dichloroethylene | ug/m3 | <75 | 7.6 | <4.6 | 0.46 | <5.2 | 0.53 | <5.0 | 0.51 | 4289642 | 0.99 |
| cis-1,2-Dichloroethylene | ug/m3 | <75 | 10 | <4.6 | 0.61 | <5.2 | 0.69 | <5.0 | 0.67 | 4289642 | 0.75 |
| trans-1,2-Dichloroethylene | ug/m3 | 368 | 9.5 | <4.6 | 0.58 | <5.2 | 0.66 | <5.0 | 0.63 | 4289642 | 0.79 |
| Methylene Chloride(Dichloromethane) | ug/m3 | 16400 | 10 | 351 | 0.62 | 235 | 0.69 | 212 | 0.67 | 4289642 | 5.2 |
| Chloroform | ug/m3 | 161 | 13 | 8.4 | 0.77 | 14.2 | 0.86 | 8.9 | 0.84 | 4289642 | 0.73 |
| Carbon Tetrachloride | ug/m3 | <120 | 6.3 | <7.2 | 0.38 | <8.2 | 0.43 | <7.9 | 0.42 | 4289642 | 1.9 |
| 1,1-Dichloroethane | ug/m3 | <77 | 9.5 | <4.7 | 0.58 | <5.3 | 0.65 | <5.1 | 0.63 | 4289642 | 0.81 |
| 1,2-Dichloroethane | ug/m3 | <77 | 9.5 | 4.8 | 0.58 | 6.3 | 0.65 | <5.1 | 0.63 | 4289642 | 0.81 |
| Ethylene Dibromide | ug/m3 | <150 | 12 | <8.8 | 0.68 | <10 | 0.77 | <9.6 | 0.74 | 4289642 | 1.3 |
| 1,1,1-Trichloroethane | ug/m3 | 3260 | 6.3 | 45.5 | 0.39 | 435 | 0.44 | 78.6 | 0.43 | 4289642 | 1.6 |
| 1,1,2-Trichloroethane | ug/m3 | <100 | 12 | <6.3 | 0.77 | <7.1 | 0.87 | <6.8 | 0.83 | 4289642 | 0.82 |
| 1,1,2,2-Tetrachloroethane | ug/m3 | <130 | 9.3 | <7.9 | 0.56 | <8.9 | 0.64 | <8.6 | 0.61 | 4289642 | 1.4 |
| cis-1,3-Dichloropropene | ug/m3 | <86 | 10 | <5.2 | 0.63 | <5.9 | 0.72 | <5.7 | 0.70 | 4289642 | 0.82 |
| trans-1,3-Dichloropropene | ug/m3 | <86 | 11 | <5.2 | 0.68 | <5.9 | 0.77 | <5.7 | 0.74 | 4289642 | 0.77 |
| 1,2-Dichloropropane | ug/m3 | <88 | 4.9 | <5.3 | 0.29 | <6.0 | 0.33 | <5.8 | 0.32 | 4289642 | 1.8 |
| Bromomethane | ug/m3 | <74 | 11 | <4.5 | 0.64 | <5.0 | 0.71 | <4.9 | 0.70 | 4289642 | 0.70 |
| Bromoform | ug/m3 | <390 | 19 | <24 | 1.1 | <27 | 1.3 | <26 | 1.2 | 4289642 | 2.1 |
| Bromodichloromethane | ug/m3 | <250 | 19 | <15 | 1.2 | <17 | 1.3 | <17 | 1.3 | 4289642 | 1.3 |
| Dibromochloromethane | ug/m3 | <320 | 19 | <20 | 1.2 | <22 | 1.3 | <21 | 1.2 | 4289642 | 1.7 |
| Trichloroethylene | ug/m3 | 3280 | 6.3 | 115 | 0.39 | <23 | 1.4 | 102 | 0.42 | 4289642 | 1.6 |

QC Batch = Quality Control Batch



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A Bureau Veritas Group Company

Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO120 | | BKO121 | | BKO122 | | BKO123 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | | 2015/11/19 | | 2015/11/19 | | 2015/11/19 | | | |
| COC Number | | na | | na | | na | | na | | | |
| | UNITS | MUNI-C1-R3 | MDL | MUNI-C2-R1 | MDL | MUNI-C2-R2 | MDL | MUNI-C2-R3 | MDL | QC Batch | RDL |
| Tetrachloroethylene | ug/m3 | 13500 | 9.3 | 579 | 0.56 | 598 | 0.63 | 817 | 0.61 | 4289642 | 1.4 |
| Benzene | ug/m3 | 231 | 11 | 9.3 | 0.65 | 6.8 | 0.74 | 9.9 | 0.70 | 4289642 | 0.57 |
| Toluene | ug/m3 | 58000 | 1.9 | 3980 | 0.11 | 3300 | 0.13 | 3790 | 0.12 | 4289642 | 3.8 |
| Ethylbenzene | ug/m3 | 6480 | 9.5 | 551 | 0.57 | 555 | 0.64 | 521 | 0.62 | 4289642 | 0.87 |
| p+m-Xylene | ug/m3 | 22600 | 11 | 2060 | 0.63 | 2140 | 0.69 | 1990 | 0.69 | 4289642 | 1.6 |
| o-Xylene | ug/m3 | 6580 | 9.5 | 730 | 0.57 | 782 | 0.64 | 647 | 0.62 | 4289642 | 0.87 |
| Styrene | ug/m3 | 5680 | 9.5 | 889 | 0.58 | 677 | 0.65 | 583 | 0.62 | 4289642 | 0.85 |
| 4-ethyltoluene | ug/m3 | 1410 | 21 | 213 | 1.3 | 223 | 1.5 | 194 | 1.4 | 4289642 | 11 |
| 1,3,5-Trimethylbenzene | ug/m3 | 1490 | 3.9 | 249 | 0.23 | 256 | 0.27 | 223 | 0.26 | 4289642 | 12 |
| 1,2,4-Trimethylbenzene | ug/m3 | 3980 | 3.9 | 737 | 0.23 | 758 | 0.27 | 668 | 0.26 | 4289642 | 12 |
| Chlorobenzene | ug/m3 | <87 | 9.5 | <5.3 | 0.58 | <6.0 | 0.65 | <5.8 | 0.63 | 4289642 | 0.92 |
| Benzyl chloride | ug/m3 | <490 | 19 | <30 | 1.2 | <34 | 1.3 | <32 | 1.2 | 4289642 | 5.2 |
| 1,3-Dichlorobenzene | ug/m3 | <460 | 19 | <28 | 1.2 | <31 | 1.3 | 34 | 1.3 | 4289642 | 2.4 |
| 1,4-Dichlorobenzene | ug/m3 | 187 | 4.6 | <6.9 | 0.29 | <7.8 | 0.33 | 41.9 | 0.31 | 4289642 | 2.4 |
| 1,2-Dichlorobenzene | ug/m3 | 323 | 4.6 | <6.9 | 0.29 | <7.8 | 0.33 | 89.0 | 0.31 | 4289642 | 2.4 |
| 1,2,4-Trichlorobenzene | ug/m3 | <710 | 19 | <43 | 1.1 | <48 | 1.3 | <46 | 1.2 | 4289642 | 15 |
| Hexachlorobutadiene | ug/m3 | <1000 | 19 | <61 | 1.1 | <69 | 1.3 | <67 | 1.3 | 4289642 | 32 |
| Hexane | ug/m3 | 5760 | 5.7 | 96 | 0.34 | 134 | 0.40 | 137 | 0.37 | 4289642 | 3.5 |
| Heptane | ug/m3 | 10900 | 19 | 1010 | 1.2 | 653 | 1.3 | 460 | 1.3 | 4289642 | 1.2 |
| Cyclohexane | ug/m3 | 2790 | 19 | 111 | 1.1 | 88.2 | 1.3 | 63.3 | 1.2 | 4289642 | 0.69 |
| Tetrahydrofuran | ug/m3 | 13300 | 18 | 612 | 1.2 | 800 | 1.3 | 863 | 1.3 | 4289642 | 1.2 |
| 1,4-Dioxane | ug/m3 | <680 | 38 | <41 | 2.3 | <47 | 2.6 | <45 | 2.5 | 4289642 | 7.2 |
| Naphthalene | ug/m3 | <500 | N/A | <30 | N/A | <34 | N/A | <33 | N/A | 4289642 | 11 |
| Total Xylenes | ug/m3 | 29100 | N/A | 2790 | N/A | 2930 | N/A | 2640 | N/A | 4289642 | 2.6 |
| 1,1,1,2-Tetrachloroethane | ug/m3 | <130 | N/A | <7.9 | N/A | <8.9 | N/A | <8.6 | N/A | 4289642 | 1.4 |
| Vinyl Bromide | ug/m3 | <170 | 20 | <10 | 1.1 | <11 | 1.3 | <11 | 1.3 | 4289642 | 0.87 |
| Propene | ug/m3 | <45000 | 1700 | <40 | 1.5 | <48 | 1.8 | <28 | 1.1 | 4289642 | 2.6 |
| 2,2,4-Trimethylpentane | ug/m3 | 3360 | 19 | 46 | 1.2 | 39 | 1.3 | 67 | 1.3 | 4289642 | 0.93 |
| Carbon Disulfide | ug/m3 | <300 | 3.8 | <18 | 0.23 | <20 | 0.26 | <19 | 0.24 | 4289642 | 7.8 |
| Vinyl Acetate | ug/m3 | 599 | 19 | <8.1 | 1.2 | <9.2 | 1.3 | <8.8 | 1.3 | 4289642 | 0.70 |

QC Batch = Quality Control Batch
N/A = Not Applicable



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO124 | | BKO125 | | BKO126 | | BKO127 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | | 2015/11/19 | | 2015/11/19 | | 2015/11/20 | | | |
| COC Number | | na | | na | | na | | na | | | |
| | UNITS | MUNI-C3-R1 | MDL | MUNI-C3-R2 | MDL | MUNI-C3-R3 | MDL | BLEND-C1-R1 | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ug/m3 | 4.2 | 0.20 | 5.4 | 0.46 | <5.9 | 0.60 | <22 | 2.2 | 4289642 | 0.99 |
| 1,2-Dichlorotetrafluoroethane | ug/m3 | <2.4 | 0.20 | <5.5 | 0.46 | <7.1 | 0.59 | <26 | 2.2 | 4289642 | 1.2 |
| Chloromethane | ug/m3 | <1.2 | 0.19 | <2.9 | 0.47 | <3.7 | 0.60 | <14 | 2.3 | 4289642 | 0.62 |
| Vinyl Chloride | ug/m3 | <0.51 | 0.11 | <1.2 | 0.26 | <1.5 | 0.33 | <5.6 | 1.2 | 4289642 | 0.46 |
| Chloroethane | ug/m3 | <1.6 | 0.20 | <3.6 | 0.46 | <4.7 | 0.59 | <17 | 2.2 | 4289642 | 0.79 |
| 1,3-Butadiene | ug/m3 | <2.2 | 0.20 | <5.1 | 0.46 | <6.6 | 0.60 | <24 | 2.2 | 4289642 | 1.1 |
| Trichlorofluoromethane (FREON 11) | ug/m3 | 10.8 | 0.20 | 10.4 | 0.47 | 9.0 | 0.61 | 58 | 2.3 | 4289642 | 1.1 |
| Ethanol (ethyl alcohol) | ug/m3 | 3070 | 6.6 | 9010 | 20 | 7740 | 13 | 52400 | 97 | 4289642 | 4.3 |
| Trichlorotrifluoroethane | ug/m3 | <2.3 | 0.21 | <5.3 | 0.48 | 8.4 | 0.63 | <25 | 2.3 | 4289642 | 1.1 |
| 2-propanol | ug/m3 | 291 | 0.40 | 1010 | 0.89 | 1410 | 1.2 | 8810 | 4.4 | 4289642 | 7.4 |
| 2-Propanone | ug/m3 | 1930 | 0.95 | 3140 | 2.8 | 2660 | 1.8 | 12800 | 1.4 | 4289642 | 12 |
| Methyl Ethyl Ketone (2-Butanone) | ug/m3 | 401 | 0.40 | 583 | 0.95 | 545 | 1.2 | 1040 | 4.4 | 4289642 | 8.8 |
| Methyl Isobutyl Ketone | ug/m3 | 62.0 | 0.38 | 76 | 0.88 | 127 | 1.2 | 155 | 4.2 | 4289642 | 13 |
| Methyl Butyl Ketone (2-Hexanone) | ug/m3 | <8.2 | 0.40 | <19 | 0.93 | <25 | 1.2 | <90 | 4.4 | 4289642 | 8.2 |
| Methyl t-butyl ether (MTBE) | ug/m3 | <1.4 | 0.19 | <3.3 | 0.46 | <4.3 | 0.60 | <16 | 2.2 | 4289642 | 0.72 |
| Ethyl Acetate | ug/m3 | 67.6 | 0.46 | 78 | 1.1 | 67 | 1.4 | 120 | 5.0 | 4289642 | 7.9 |
| 1,1-Dichloroethylene | ug/m3 | <0.79 | 0.080 | <1.8 | 0.18 | <2.4 | 0.24 | <8.7 | 0.88 | 4289642 | 0.99 |
| cis-1,2-Dichloroethylene | ug/m3 | <0.79 | 0.11 | <1.8 | 0.24 | <2.4 | 0.32 | <8.7 | 1.2 | 4289642 | 0.75 |
| trans-1,2-Dichloroethylene | ug/m3 | 0.86 | 0.10 | 2.5 | 0.23 | <2.4 | 0.30 | <8.7 | 1.1 | 4289642 | 0.79 |
| Methylene Chloride(Dichloromethane) | ug/m3 | 138 | 0.11 | 68 | 0.25 | 68 | 0.33 | <220 | 4.2 | 4289642 | 5.2 |
| Chloroform | ug/m3 | <0.98 | 0.13 | <2.2 | 0.30 | <2.9 | 0.40 | 29 | 1.5 | 4289642 | 0.73 |
| Carbon Tetrachloride | ug/m3 | <1.3 | 0.068 | <2.9 | 0.15 | <3.8 | 0.20 | <14 | 0.74 | 4289642 | 1.9 |
| 1,1-Dichloroethane | ug/m3 | <0.81 | 0.10 | <1.9 | 0.23 | <2.4 | 0.30 | <8.9 | 1.1 | 4289642 | 0.81 |
| 1,2-Dichloroethane | ug/m3 | 1.74 | 0.10 | 3.6 | 0.23 | <2.4 | 0.30 | <8.9 | 1.1 | 4289642 | 0.81 |
| Ethylene Dibromide | ug/m3 | <1.5 | 0.12 | <3.5 | 0.27 | <4.6 | 0.35 | <17 | 1.3 | 4289642 | 1.3 |
| 1,1,1-Trichloroethane | ug/m3 | 19.6 | 0.069 | 213 | 0.16 | 46.4 | 0.21 | <12 | 0.75 | 4289642 | 1.6 |
| 1,1,2-Trichloroethane | ug/m3 | <1.1 | 0.13 | <2.5 | 0.30 | <3.3 | 0.40 | <12 | 1.5 | 4289642 | 0.82 |
| 1,1,2,2-Tetrachloroethane | ug/m3 | <1.4 | 0.10 | <3.2 | 0.23 | <4.1 | 0.29 | <15 | 1.1 | 4289642 | 1.4 |
| cis-1,3-Dichloropropene | ug/m3 | <0.91 | 0.11 | <2.1 | 0.26 | <2.7 | 0.33 | <10 | 1.2 | 4289642 | 0.82 |
| trans-1,3-Dichloropropene | ug/m3 | <0.91 | 0.12 | <2.1 | 0.27 | <2.7 | 0.35 | <10 | 1.3 | 4289642 | 0.77 |
| 1,2-Dichloropropane | ug/m3 | <0.92 | 0.051 | <2.1 | 0.12 | <2.8 | 0.16 | <10 | 0.56 | 4289642 | 1.8 |
| Bromomethane | ug/m3 | <0.78 | 0.11 | <1.8 | 0.26 | <2.3 | 0.33 | <8.5 | 1.2 | 4289642 | 0.70 |
| Bromoform | ug/m3 | <4.1 | 0.20 | <9.5 | 0.45 | <12 | 0.57 | <45 | 2.1 | 4289642 | 2.1 |
| Bromodichloromethane | ug/m3 | <2.7 | 0.21 | <6.2 | 0.48 | <8.0 | 0.62 | <29 | 2.2 | 4289642 | 1.3 |
| Dibromochloromethane | ug/m3 | <3.4 | 0.20 | <7.8 | 0.46 | <10 | 0.59 | <37 | 2.2 | 4289642 | 1.7 |
| Trichloroethylene | ug/m3 | 39.9 | 0.069 | 12.3 | 0.16 | 61.7 | 0.20 | <13 | 0.81 | 4289642 | 1.6 |
| QC Batch = Quality Control Batch | | | | | | | | | | | |



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO124 | | BKO125 | | BKO126 | | BKO127 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/19 | | 2015/11/19 | | 2015/11/19 | | 2015/11/20 | | | |
| COC Number | | na | | na | | na | | na | | | |
| | UNITS | MUNI-C3-R1 | MDL | MUNI-C3-R2 | MDL | MUNI-C3-R3 | MDL | BLEND-C1-R1 | MDL | QC Batch | RDL |
| Tetrachloroethylene | ug/m3 | 222 | 0.10 | 363 | 0.22 | 443 | 0.29 | 102 | 1.1 | 4289642 | 1.4 |
| Benzene | ug/m3 | 4.90 | 0.11 | 4.0 | 0.26 | 4.2 | 0.33 | 509 | 1.2 | 4289642 | 0.57 |
| Toluene | ug/m3 | 947 | 0.29 | 1390 | 0.045 | 2000 | 0.061 | 2270 | 0.22 | 4289642 | 3.8 |
| Ethylbenzene | ug/m3 | 276 | 0.10 | 327 | 0.23 | 325 | 0.30 | 348 | 1.1 | 4289642 | 0.87 |
| p+m-Xylene | ug/m3 | 1060 | 0.11 | 1310 | 0.25 | 1290 | 0.33 | 1110 | 1.2 | 4289642 | 1.6 |
| o-Xylene | ug/m3 | 373 | 0.10 | 518 | 0.23 | 429 | 0.30 | 413 | 1.1 | 4289642 | 0.87 |
| Styrene | ug/m3 | 547 | 0.10 | 566 | 0.24 | 423 | 0.31 | 141 | 1.1 | 4289642 | 0.85 |
| 4-ethyltoluene | ug/m3 | 125 | 0.22 | 168 | 0.50 | 143 | 0.68 | 117 | 2.5 | 4289642 | 11 |
| 1,3,5-Trimethylbenzene | ug/m3 | 139 | 0.041 | 181 | 0.092 | 160 | 0.13 | 121 | 0.45 | 4289642 | 12 |
| 1,2,4-Trimethylbenzene | ug/m3 | 462 | 0.041 | 590 | 0.092 | 543 | 0.13 | 385 | 0.45 | 4289642 | 12 |
| Chlorobenzene | ug/m3 | <0.92 | 0.10 | <2.1 | 0.23 | <2.8 | 0.30 | <10 | 1.1 | 4289642 | 0.92 |
| Benzyl chloride | ug/m3 | <5.2 | 0.20 | <12 | 0.46 | <16 | 0.62 | <57 | 2.2 | 4289642 | 5.2 |
| 1,3-Dichlorobenzene | ug/m3 | <4.8 | 0.20 | <11 | 0.46 | 24 | 0.58 | <53 | 2.2 | 4289642 | 2.4 |
| 1,4-Dichlorobenzene | ug/m3 | 5.1 | 0.050 | 6.4 | 0.12 | 37.4 | 0.15 | <13 | 0.54 | 4289642 | 2.4 |
| 1,2-Dichlorobenzene | ug/m3 | <1.2 | 0.050 | <2.8 | 0.12 | 84.4 | 0.15 | 15 | 0.54 | 4289642 | 2.4 |
| 1,2,4-Trichlorobenzene | ug/m3 | <7.4 | 0.20 | <17 | 0.45 | <22 | 0.59 | <82 | 2.2 | 4289642 | 15 |
| Hexachlorobutadiene | ug/m3 | <11 | 0.21 | <25 | 0.47 | <32 | 0.60 | <120 | 2.3 | 4289642 | 32 |
| Hexane | ug/m3 | 34.7 | 0.060 | 58.1 | 0.14 | 77.2 | 0.18 | 1510 | 0.66 | 4289642 | 3.5 |
| Heptane | ug/m3 | 139 | 0.21 | 173 | 0.48 | 120 | 0.62 | 509 | 2.3 | 4289642 | 1.2 |
| Cyclohexane | ug/m3 | 36.8 | 0.20 | 45.8 | 0.46 | 34.9 | 0.59 | 421 | 2.2 | 4289642 | 0.69 |
| Tetrahydrofuran | ug/m3 | 266 | 0.20 | 504 | 0.45 | 452 | 0.59 | 1160 | 2.2 | 4289642 | 1.2 |
| 1,4-Dioxane | ug/m3 | <7.2 | 0.40 | <17 | 0.94 | <22 | 1.2 | <79 | 4.4 | 4289642 | 7.2 |
| Naphthalene | ug/m3 | 54.6 | N/A | 113 | N/A | 99 | N/A | <58 | N/A | 4289642 | 11 |
| Total Xylenes | ug/m3 | 1440 | N/A | 1830 | N/A | 1720 | N/A | 1520 | N/A | 4289642 | 2.6 |
| 1,1,1,2-Tetrachloroethane | ug/m3 | <1.4 | N/A | <3.2 | N/A | <4.1 | N/A | <15 | N/A | 4289642 | 1.4 |
| Vinyl Bromide | ug/m3 | <1.8 | 0.21 | <4.0 | 0.46 | <5.2 | 0.60 | <19 | 2.2 | 4289642 | 0.87 |
| Propene | ug/m3 | <19 | 0.73 | <24 | 0.92 | <17 | 0.65 | 176 | 0.73 | 4289642 | 2.6 |
| 2,2,4-Trimethylpentane | ug/m3 | 25.1 | 0.20 | 21.4 | 0.46 | 28.7 | 0.60 | 646 | 2.3 | 4289642 | 0.93 |
| Carbon Disulfide | ug/m3 | <3.1 | 0.040 | <7.2 | 0.092 | <9.3 | 0.12 | <34 | 0.44 | 4289642 | 7.8 |
| Vinyl Acetate | ug/m3 | <1.4 | 0.20 | <3.2 | 0.46 | <4.2 | 0.60 | <15 | 2.1 | 4289642 | 0.70 |

QC Batch = Quality Control Batch
N/A = Not Applicable



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO128 | BKO128 | | BKO129 | | BKO130 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | 2015/11/20 | | 2015/11/20 | | 2015/11/20 | | | |
| COC Number | | na | na | | na | | na | | | |
| | UNITS | BLEND-C1-R2 | BLEND-C1-R2 Lab-Dup | MDL | BLEND-C1-R3 | MDL | BLEND-C2-R1 | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ug/m3 | 27.2 | 27.2 | 1.0 | 10.2 | 1.0 | 3.4 | 0.25 | 4289642 | 0.99 |
| 1,2-Dichlorotetrafluoroethane | ug/m3 | <12 | <12 | 1.0 | <12 | 1.0 | <3.0 | 0.25 | 4289642 | 1.2 |
| Chloromethane | ug/m3 | <6.2 | <6.2 | 1.0 | <6.2 | 1.0 | <1.5 | 0.24 | 4289642 | 0.62 |
| Vinyl Chloride | ug/m3 | <2.6 | <2.6 | 0.57 | <2.6 | 0.57 | <0.64 | 0.14 | 4289642 | 0.46 |
| Chloroethane | ug/m3 | <7.9 | <7.9 | 1.0 | <7.9 | 1.0 | <2.0 | 0.25 | 4289642 | 0.79 |
| 1,3-Butadiene | ug/m3 | <11 | <11 | 1.0 | <11 | 1.0 | <2.8 | 0.25 | 4289642 | 1.1 |
| Trichlorofluoromethane (FREON 11) | ug/m3 | 30 | 29 | 1.0 | 73 | 1.0 | 4.2 | 0.25 | 4289642 | 1.1 |
| Ethanol (ethyl alcohol) | ug/m3 | 22100 | 22500 | 27 | 20600 | 52 | 8910 | 12 | 4289642 | 4.3 |
| Trichlorotrifluoroethane | ug/m3 | <12 | <12 | 1.1 | <12 | 1.1 | <2.9 | 0.26 | 4289642 | 1.1 |
| 2-propanol | ug/m3 | 4080 | 4100 | 2.0 | 1970 | 2.0 | 530 | 0.49 | 4289642 | 7.4 |
| 2-Propanone | ug/m3 | 8580 | 8810 | 3.8 | 4020 | 0.32 | 471 | 0.080 | 4289642 | 12 |
| Methyl Ethyl Ketone (2-Butanone) | ug/m3 | 954 | 952 | 2.0 | 1030 | 2.0 | 90.5 | 0.50 | 4289642 | 8.8 |
| Methyl Isobutyl Ketone | ug/m3 | <41 | <41 | 1.9 | 43 | 1.9 | 11 | 0.46 | 4289642 | 13 |
| Methyl Butyl Ketone (2-Hexanone) | ug/m3 | <41 | <41 | 2.0 | <41 | 2.0 | <10 | 0.49 | 4289642 | 8.2 |
| Methyl t-butyl ether (MTBE) | ug/m3 | <7.2 | <7.2 | 1.0 | 10.7 | 1.0 | <1.8 | 0.25 | 4289642 | 0.72 |
| Ethyl Acetate | ug/m3 | <36 | <36 | 2.3 | 60 | 2.3 | <9.0 | 0.57 | 4289642 | 7.9 |
| 1,1-Dichloroethylene | ug/m3 | <4.0 | <4.0 | 0.40 | <4.0 | 0.40 | <0.99 | 0.10 | 4289642 | 0.99 |
| cis-1,2-Dichloroethylene | ug/m3 | <4.0 | <4.0 | 0.53 | <4.0 | 0.53 | <0.99 | 0.13 | 4289642 | 0.75 |
| trans-1,2-Dichloroethylene | ug/m3 | <4.0 | <4.0 | 0.51 | <4.0 | 0.51 | <0.99 | 0.13 | 4289642 | 0.79 |
| Methylene Chloride(Dichloromethane) | ug/m3 | <28 | <28 | 0.54 | <28 | 0.54 | <6.9 | 0.13 | 4289642 | 5.2 |
| Chloroform | ug/m3 | <4.9 | <4.9 | 0.67 | <4.9 | 0.67 | <1.2 | 0.16 | 4289642 | 0.73 |
| Carbon Tetrachloride | ug/m3 | <6.3 | <6.3 | 0.33 | <6.3 | 0.33 | <1.6 | 0.084 | 4289642 | 1.9 |
| 1,1-Dichloroethane | ug/m3 | <4.0 | <4.0 | 0.49 | <4.0 | 0.49 | <1.0 | 0.12 | 4289642 | 0.81 |
| 1,2-Dichloroethane | ug/m3 | <4.0 | <4.0 | 0.49 | <4.0 | 0.49 | <1.0 | 0.12 | 4289642 | 0.81 |
| Ethylene Dibromide | ug/m3 | <7.7 | <7.7 | 0.59 | <7.7 | 0.59 | <1.9 | 0.15 | 4289642 | 1.3 |
| 1,1,1-Trichloroethane | ug/m3 | <5.5 | <5.5 | 0.34 | <5.5 | 0.34 | 1.7 | 0.088 | 4289642 | 1.6 |
| 1,1,2-Trichloroethane | ug/m3 | <5.5 | <5.5 | 0.67 | <5.5 | 0.67 | <1.4 | 0.17 | 4289642 | 0.82 |
| 1,1,2,2-Tetrachloroethane | ug/m3 | <6.9 | <6.9 | 0.49 | <6.9 | 0.49 | <1.7 | 0.12 | 4289642 | 1.4 |
| cis-1,3-Dichloropropene | ug/m3 | <4.5 | <4.5 | 0.55 | <4.5 | 0.55 | <1.1 | 0.13 | 4289642 | 0.82 |
| trans-1,3-Dichloropropene | ug/m3 | <4.5 | <4.5 | 0.58 | <4.5 | 0.58 | <1.1 | 0.14 | 4289642 | 0.77 |
| 1,2-Dichloropropane | ug/m3 | <4.6 | <4.6 | 0.26 | <4.6 | 0.26 | <1.2 | 0.067 | 4289642 | 1.8 |
| Bromomethane | ug/m3 | <3.9 | <3.9 | 0.56 | <3.9 | 0.56 | <0.97 | 0.14 | 4289642 | 0.70 |
| Bromoform | ug/m3 | <21 | <21 | 1.0 | <21 | 1.0 | <5.2 | 0.25 | 4289642 | 2.1 |
| Bromodichloromethane | ug/m3 | <13 | <13 | 1.0 | <13 | 1.0 | <3.4 | 0.26 | 4289642 | 1.3 |
| Dibromochloromethane | ug/m3 | <17 | <17 | 1.0 | <17 | 1.0 | <4.3 | 0.25 | 4289642 | 1.7 |

QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate



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A Bureau Veritas Group Company

Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO128 | BKO128 | | BKO129 | | BKO130 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | 2015/11/20 | | 2015/11/20 | | 2015/11/20 | | | |
| COC Number | | na | na | | na | | na | | | |
| | UNITS | BLEND-C1-R2 | BLEND-C1-R2 Lab-Dup | MDL | BLEND-C1-R3 | MDL | BLEND-C2-R1 | MDL | QC Batch | RDL |
| Trichloroethylene | ug/m3 | <5.4 | <5.4 | 0.34 | <5.4 | 0.34 | <1.3 | 0.081 | 4289642 | 1.6 |
| Tetrachloroethylene | ug/m3 | 28.1 | 26.6 | 0.49 | 16.4 | 0.49 | 11.5 | 0.12 | 4289642 | 1.4 |
| Benzene | ug/m3 | 333 | 325 | 0.56 | 435 | 0.56 | 39.4 | 0.14 | 4289642 | 0.57 |
| Toluene | ug/m3 | 1820 | 1760 | 0.10 | 1930 | 0.10 | 1410 | 0.26 | 4289642 | 3.8 |
| Ethylbenzene | ug/m3 | 295 | 288 | 0.49 | 369 | 0.49 | 32.6 | 0.13 | 4289642 | 0.87 |
| p+m-Xylene | ug/m3 | 892 | 861 | 0.54 | 1190 | 0.54 | 123 | 0.14 | 4289642 | 1.6 |
| o-Xylene | ug/m3 | 320 | 309 | 0.49 | 429 | 0.49 | 45.9 | 0.13 | 4289642 | 0.87 |
| Styrene | ug/m3 | 113 | 109 | 0.51 | 98.2 | 0.51 | 28.7 | 0.13 | 4289642 | 0.85 |
| 4-ethyltoluene | ug/m3 | 94 | 91 | 1.1 | 109 | 1.1 | 17.0 | 0.28 | 4289642 | 11 |
| 1,3,5-Trimethylbenzene | ug/m3 | 100 | 96 | 0.21 | 109 | 0.21 | 22.8 | 0.051 | 4289642 | 12 |
| 1,2,4-Trimethylbenzene | ug/m3 | 317 | 310 | 0.21 | 359 | 0.21 | 76.5 | 0.051 | 4289642 | 12 |
| Chlorobenzene | ug/m3 | <4.6 | <4.6 | 0.50 | <4.6 | 0.50 | <1.2 | 0.13 | 4289642 | 0.92 |
| Benzyl chloride | ug/m3 | <26 | <26 | 1.0 | <26 | 1.0 | <6.5 | 0.25 | 4289642 | 5.2 |
| 1,3-Dichlorobenzene | ug/m3 | <24 | <24 | 1.0 | <24 | 1.0 | <6.0 | 0.25 | 4289642 | 2.4 |
| 1,4-Dichlorobenzene | ug/m3 | <6.0 | <6.0 | 0.25 | <6.0 | 0.25 | 2.5 | 0.063 | 4289642 | 2.4 |
| 1,2-Dichlorobenzene | ug/m3 | <6.0 | <6.0 | 0.25 | <6.0 | 0.25 | 4.1 | 0.063 | 4289642 | 2.4 |
| 1,2,4-Trichlorobenzene | ug/m3 | <37 | <37 | 0.99 | <37 | 0.99 | <9.3 | 0.25 | 4289642 | 15 |
| Hexachlorobutadiene | ug/m3 | <53 | <53 | 0.99 | <53 | 0.99 | <13 | 0.24 | 4289642 | 32 |
| Hexane | ug/m3 | 924 | 909 | 0.31 | 1290 | 0.31 | 55.7 | 0.074 | 4289642 | 3.5 |
| Heptane | ug/m3 | 406 | 410 | 1.0 | 540 | 1.0 | 877 | 0.26 | 4289642 | 1.2 |
| Cyclohexane | ug/m3 | 409 | 417 | 12 | 471 | 0.25 | 37.7 | 0.25 | 4289642 | 0.69 |
| Tetrahydrofuran | ug/m3 | 318 | 319 | 1.0 | 135 | 1.0 | 22.0 | 0.24 | 4289642 | 1.2 |
| 1,4-Dioxane | ug/m3 | <36 | <36 | 2.0 | <36 | 2.0 | <9.0 | 0.50 | 4289642 | 7.2 |
| Naphthalene | ug/m3 | 37 | 38 | N/A | 28 | N/A | 64.5 | N/A | 4289642 | 11 |
| Total Xylenes | ug/m3 | 1210 | 1170 | N/A | 1620 | N/A | 169 | N/A | 4289642 | 2.6 |
| 1,1,1,2-Tetrachloroethane | ug/m3 | <6.9 | <6.9 | N/A | <6.9 | N/A | <1.7 | N/A | 4289642 | 1.4 |
| Vinyl Bromide | ug/m3 | <8.7 | <8.7 | 1.0 | <8.7 | 1.0 | <2.2 | 0.25 | 4289642 | 0.87 |
| Propene | ug/m3 | 93.3 | 98.6 | 0.33 | 118 | 0.33 | 6.1 | 0.085 | 4289642 | 2.6 |
| 2,2,4-Trimethylpentane | ug/m3 | 530 | 525 | 1.0 | 846 | 1.0 | 26.8 | 0.25 | 4289642 | 0.93 |
| Carbon Disulfide | ug/m3 | <16 | <16 | 0.21 | <16 | 0.21 | <3.9 | 0.050 | 4289642 | 7.8 |
| Vinyl Acetate | ug/m3 | <110 | <110 | 16 | <170 | 24 | 6.0 | 0.26 | 4289642 | 0.70 |

QC Batch = Quality Control Batch
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N/A = Not Applicable



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A Bureau Veritas Group Company

Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO131 | | BKO132 | | BKO133 | | BKO134 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | 2015/11/20 | | 2015/11/20 | | 2015/11/20 | | | |
| COC Number | | na | | na | | na | | na | | | |
| | UNITS | BLEND-C2-R2 | MDL | BLEND-C2-R3 | MDL | BLEND-C3-R1 | MDL | BLEND-C3-R2 | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ug/m3 | <9.6 | 0.97 | 3.84 | 0.10 | 2.9 | 0.23 | 2.7 | 0.24 | 4289642 | 0.99 |
| 1,2-Dichlorotetrafluoroethane | ug/m3 | <12 | 1.0 | <1.2 | 0.10 | <2.7 | 0.23 | <2.9 | 0.24 | 4289642 | 1.2 |
| Chloromethane | ug/m3 | <6.0 | 0.97 | 0.90 | 0.10 | <1.4 | 0.23 | <1.5 | 0.24 | 4289642 | 0.62 |
| Vinyl Chloride | ug/m3 | <2.5 | 0.54 | <0.26 | 0.057 | <0.59 | 0.13 | <0.61 | 0.13 | 4289642 | 0.46 |
| Chloroethane | ug/m3 | <7.7 | 0.97 | <0.79 | 0.10 | <1.8 | 0.23 | <1.9 | 0.24 | 4289642 | 0.79 |
| 1,3-Butadiene | ug/m3 | <11 | 1.0 | <1.1 | 0.10 | <2.5 | 0.23 | <2.7 | 0.25 | 4289642 | 1.1 |
| Trichlorofluoromethane (FREON 11) | ug/m3 | <11 | 1.0 | 5.6 | 0.10 | 4.3 | 0.24 | <2.7 | 0.25 | 4289642 | 1.1 |
| Ethanol (ethyl alcohol) | ug/m3 | 1710 | 2.1 | 964 | 2.2 | 5420 | 20 | 1020 | 2.1 | 4289642 | 4.3 |
| Trichlorotrifluoroethane | ug/m3 | <11 | 1.0 | <1.2 | 0.11 | <2.6 | 0.24 | <2.8 | 0.25 | 4289642 | 1.1 |
| 2-propanol | ug/m3 | 28 | 1.9 | 9.4 | 0.20 | 284 | 0.46 | 14.5 | 0.48 | 4289642 | 7.4 |
| 2-Propanone | ug/m3 | 215 | 0.30 | 40.1 | 0.032 | 233 | 0.073 | 46.2 | 0.077 | 4289642 | 12 |
| Methyl Ethyl Ketone (2-Butanone) | ug/m3 | 30 | 2.0 | 40.8 | 0.20 | 66.4 | 0.46 | 13.7 | 0.48 | 4289642 | 8.8 |
| Methyl Isobutyl Ketone | ug/m3 | <40 | 1.8 | <4.1 | 0.19 | <9.4 | 0.43 | <9.8 | 0.45 | 4289642 | 13 |
| Methyl Butyl Ketone (2-Hexanone) | ug/m3 | <40 | 2.0 | <4.1 | 0.20 | <9.4 | 0.46 | <9.8 | 0.48 | 4289642 | 8.2 |
| Methyl t-butyl ether (MTBE) | ug/m3 | <7.0 | 0.97 | 1.27 | 0.10 | <1.7 | 0.24 | <1.7 | 0.24 | 4289642 | 0.72 |
| Ethyl Acetate | ug/m3 | <35 | 2.2 | 6.4 | 0.23 | <8.3 | 0.53 | <8.6 | 0.54 | 4289642 | 7.9 |
| 1,1-Dichloroethylene | ug/m3 | <3.8 | 0.38 | <0.40 | 0.040 | <0.91 | 0.092 | <0.95 | 0.096 | 4289642 | 0.99 |
| cis-1,2-Dichloroethylene | ug/m3 | <3.8 | 0.51 | <0.40 | 0.053 | <0.91 | 0.12 | <0.95 | 0.13 | 4289642 | 0.75 |
| trans-1,2-Dichloroethylene | ug/m3 | <3.8 | 0.48 | 1.01 | 0.051 | <0.91 | 0.12 | <0.95 | 0.12 | 4289642 | 0.79 |
| Methylene Chloride(Dichloromethane) | ug/m3 | <27 | 0.52 | <2.8 | 0.054 | <6.4 | 0.12 | <6.7 | 0.13 | 4289642 | 5.2 |
| Chloroform | ug/m3 | <4.7 | 0.64 | <0.49 | 0.067 | <1.1 | 0.15 | <1.2 | 0.16 | 4289642 | 0.73 |
| Carbon Tetrachloride | ug/m3 | <6.1 | 0.32 | <0.63 | 0.033 | <1.4 | 0.074 | <1.5 | 0.079 | 4289642 | 1.9 |
| 1,1-Dichloroethane | ug/m3 | <3.9 | 0.48 | <0.40 | 0.049 | <0.93 | 0.11 | <0.97 | 0.12 | 4289642 | 0.81 |
| 1,2-Dichloroethane | ug/m3 | <3.9 | 0.48 | <0.40 | 0.049 | <0.93 | 0.11 | <0.97 | 0.12 | 4289642 | 0.81 |
| Ethylene Dibromide | ug/m3 | <7.5 | 0.58 | <0.77 | 0.059 | <1.8 | 0.14 | <1.8 | 0.14 | 4289642 | 1.3 |
| 1,1,1-Trichloroethane | ug/m3 | <5.3 | 0.33 | <0.55 | 0.034 | 7.3 | 0.081 | <1.3 | 0.081 | 4289642 | 1.6 |
| 1,1,2-Trichloroethane | ug/m3 | <5.3 | 0.65 | <0.55 | 0.067 | <1.3 | 0.16 | <1.3 | 0.16 | 4289642 | 0.82 |
| 1,1,2,2-Tetrachloroethane | ug/m3 | <6.7 | 0.48 | <0.69 | 0.049 | <1.6 | 0.11 | 2.2 | 0.11 | 4289642 | 1.4 |
| cis-1,3-Dichloropropene | ug/m3 | <4.4 | 0.54 | <0.45 | 0.055 | <1.0 | 0.12 | <1.1 | 0.13 | 4289642 | 0.82 |
| trans-1,3-Dichloropropene | ug/m3 | <4.4 | 0.57 | <0.45 | 0.058 | <1.0 | 0.13 | <1.1 | 0.14 | 4289642 | 0.77 |
| 1,2-Dichloropropane | ug/m3 | <4.5 | 0.25 | <0.46 | 0.026 | <1.1 | 0.061 | <1.1 | 0.061 | 4289642 | 1.8 |
| Bromomethane | ug/m3 | <3.8 | 0.54 | <0.39 | 0.056 | <0.89 | 0.13 | <0.93 | 0.13 | 4289642 | 0.70 |
| Bromoform | ug/m3 | <20 | 0.95 | <2.1 | 0.10 | <4.8 | 0.23 | <5.0 | 0.24 | 4289642 | 2.1 |
| Bromodichloromethane | ug/m3 | <13 | 1.0 | <1.3 | 0.10 | <3.1 | 0.24 | <3.2 | 0.25 | 4289642 | 1.3 |
| Dibromochloromethane | ug/m3 | <17 | 1.0 | <1.7 | 0.10 | <3.9 | 0.23 | <4.1 | 0.24 | 4289642 | 1.7 |
| Trichloroethylene | ug/m3 | <5.2 | 0.33 | <0.54 | 0.034 | <1.2 | 0.075 | <1.3 | 0.081 | 4289642 | 1.6 |

QC Batch = Quality Control Batch



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO131 | | BKO132 | | BKO133 | | BKO134 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | 2015/11/20 | | 2015/11/20 | | 2015/11/20 | | | |
| COC Number | | na | | na | | na | | na | | | |
| | UNITS | BLEND-C2-R2 | MDL | BLEND-C2-R3 | MDL | BLEND-C3-R1 | MDL | BLEND-C3-R2 | MDL | QC Batch | RDL |
| Tetrachloroethylene | ug/m3 | 11.2 | 0.47 | 2.49 | 0.049 | 4.0 | 0.11 | <1.6 | 0.11 | 4289642 | 1.4 |
| Benzene | ug/m3 | 15.8 | 0.54 | 35.3 | 0.056 | 29.0 | 0.13 | 13.7 | 0.14 | 4289642 | 0.57 |
| Toluene | ug/m3 | 2380 | 0.097 | 533 | 0.10 | 135 | 0.023 | 88.7 | 0.024 | 4289642 | 3.8 |
| Ethylbenzene | ug/m3 | 17.5 | 0.48 | 33.1 | 0.049 | 20.2 | 0.11 | 13.4 | 0.11 | 4289642 | 0.87 |
| p+m-Xylene | ug/m3 | 69.4 | 0.53 | 117 | 0.054 | 73.1 | 0.13 | 44.4 | 0.13 | 4289642 | 1.6 |
| o-Xylene | ug/m3 | 24.6 | 0.48 | 43.5 | 0.049 | 28.3 | 0.11 | 16.0 | 0.11 | 4289642 | 0.87 |
| Styrene | ug/m3 | 22.2 | 0.48 | 9.39 | 0.051 | 8.24 | 0.12 | 5.4 | 0.12 | 4289642 | 0.85 |
| 4-ethyltoluene | ug/m3 | <24 | 1.1 | 12.5 | 0.11 | 8.6 | 0.26 | <5.9 | 0.27 | 4289642 | 11 |
| 1,3,5-Trimethylbenzene | ug/m3 | <24 | 0.20 | 14.1 | 0.021 | 12.1 | 0.048 | 7.1 | 0.049 | 4289642 | 12 |
| 1,2,4-Trimethylbenzene | ug/m3 | 47 | 0.20 | 46.3 | 0.021 | 35.9 | 0.048 | 17.3 | 0.049 | 4289642 | 12 |
| Chlorobenzene | ug/m3 | <4.5 | 0.49 | <0.46 | 0.050 | <1.1 | 0.12 | <1.1 | 0.12 | 4289642 | 0.92 |
| Benzyl chloride | ug/m3 | <25 | 0.96 | <2.6 | 0.10 | <6.0 | 0.23 | <6.2 | 0.24 | 4289642 | 5.2 |
| 1,3-Dichlorobenzene | ug/m3 | <23 | 0.96 | <2.4 | 0.10 | <5.5 | 0.23 | <5.8 | 0.24 | 4289642 | 2.4 |
| 1,4-Dichlorobenzene | ug/m3 | <5.8 | 0.24 | 0.87 | 0.025 | <1.4 | 0.058 | 1.9 | 0.058 | 4289642 | 2.4 |
| 1,2-Dichlorobenzene | ug/m3 | <5.8 | 0.24 | 1.20 | 0.025 | 1.6 | 0.058 | 2.5 | 0.058 | 4289642 | 2.4 |
| 1,2,4-Trichlorobenzene | ug/m3 | <36 | 0.96 | <3.7 | 0.099 | <8.5 | 0.23 | <8.9 | 0.24 | 4289642 | 15 |
| Hexachlorobutadiene | ug/m3 | <52 | 0.98 | <5.3 | 0.099 | <12 | 0.23 | <13 | 0.24 | 4289642 | 32 |
| Hexane | ug/m3 | 29 | 0.29 | 60.1 | 0.031 | 42.9 | 0.069 | 24.0 | 0.071 | 4289642 | 3.5 |
| Heptane | ug/m3 | 1030 | 1.0 | 247 | 0.10 | 19.9 | 0.23 | 12.6 | 0.25 | 4289642 | 1.2 |
| Cyclohexane | ug/m3 | 12.4 | 0.97 | 24.6 | 0.10 | <61 | 8.8 | 10.6 | 0.25 | 4289642 | 0.69 |
| Tetrahydrofuran | ug/m3 | <11 | 0.92 | 2.7 | 0.10 | 17.3 | 0.23 | 8.7 | 0.23 | 4289642 | 1.2 |
| 1,4-Dioxane | ug/m3 | <35 | 1.9 | <3.6 | 0.20 | <8.3 | 0.46 | 15.7 | 0.48 | 4289642 | 7.2 |
| Naphthalene | ug/m3 | 28 | N/A | 16.4 | N/A | 19.1 | N/A | 10.8 | N/A | 4289642 | 11 |
| Total Xylenes | ug/m3 | 94 | N/A | 161 | N/A | 101 | N/A | 60.5 | N/A | 4289642 | 2.6 |
| 1,1,1,2-Tetrachloroethane | ug/m3 | <6.7 | N/A | <0.69 | N/A | <1.6 | N/A | <1.6 | N/A | 4289642 | 1.4 |
| Vinyl Bromide | ug/m3 | <8.5 | 0.98 | <0.87 | 0.10 | <2.0 | 0.23 | <2.1 | 0.24 | 4289642 | 0.87 |
| Propene | ug/m3 | <8.3 | 0.32 | 2.71 | 0.033 | 6.1 | 0.077 | 3.1 | 0.081 | 4289642 | 2.6 |
| 2,2,4-Trimethylpentane | ug/m3 | 17.3 | 0.98 | 40.0 | 0.10 | 20.3 | 0.23 | 13.3 | 0.24 | 4289642 | 0.93 |
| Carbon Disulfide | ug/m3 | <15 | 0.19 | <1.6 | 0.021 | <3.6 | 0.046 | 21.2 | 0.047 | 4289642 | 7.8 |
| Vinyl Acetate | ug/m3 | <6.8 | 0.97 | <8.5 | 1.2 | <6.5 | 0.93 | <4.2 | 0.60 | 4289642 | 0.70 |

QC Batch = Quality Control Batch
N/A = Not Applicable



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO135 | | | |
|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | | |
| COC Number | | na | | | |
| | UNITS | BLEND-C3-R3 | MDL | QC Batch | RDL |
| Dichlorodifluoromethane (FREON 12) | ug/m3 | 3.2 | 0.24 | 4289642 | 0.99 |
| 1,2-Dichlorotetrafluoroethane | ug/m3 | <2.9 | 0.24 | 4289642 | 1.2 |
| Chloromethane | ug/m3 | <1.5 | 0.24 | 4289642 | 0.62 |
| Vinyl Chloride | ug/m3 | <0.61 | 0.13 | 4289642 | 0.46 |
| Chloroethane | ug/m3 | <1.9 | 0.24 | 4289642 | 0.79 |
| 1,3-Butadiene | ug/m3 | <2.7 | 0.25 | 4289642 | 1.1 |
| Trichlorofluoromethane (FREON 11) | ug/m3 | 4.1 | 0.25 | 4289642 | 1.1 |
| Ethanol (ethyl alcohol) | ug/m3 | 756 | 1.3 | 4289642 | 4.3 |
| Trichlorotrifluoroethane | ug/m3 | <2.8 | 0.25 | 4289642 | 1.1 |
| 2-propanol | ug/m3 | <5.9 | 0.48 | 4289642 | 7.4 |
| 2-Propanone | ug/m3 | 43.8 | 0.077 | 4289642 | 12 |
| Methyl Ethyl Ketone (2-Butanone) | ug/m3 | <7.1 | 0.48 | 4289642 | 8.8 |
| Methyl Isobutyl Ketone | ug/m3 | <9.8 | 0.45 | 4289642 | 13 |
| Methyl Butyl Ketone (2-Hexanone) | ug/m3 | <9.8 | 0.48 | 4289642 | 8.2 |
| Methyl t-butyl ether (MTBE) | ug/m3 | <1.7 | 0.24 | 4289642 | 0.72 |
| Ethyl Acetate | ug/m3 | <8.6 | 0.54 | 4289642 | 7.9 |
| 1,1-Dichloroethylene | ug/m3 | <0.95 | 0.096 | 4289642 | 0.99 |
| cis-1,2-Dichloroethylene | ug/m3 | <0.95 | 0.13 | 4289642 | 0.75 |
| trans-1,2-Dichloroethylene | ug/m3 | <0.95 | 0.12 | 4289642 | 0.79 |
| Methylene Chloride(Dichloromethane) | ug/m3 | <6.7 | 0.13 | 4289642 | 5.2 |
| Chloroform | ug/m3 | <1.2 | 0.16 | 4289642 | 0.73 |
| Carbon Tetrachloride | ug/m3 | <1.5 | 0.079 | 4289642 | 1.9 |
| 1,1-Dichloroethane | ug/m3 | <0.97 | 0.12 | 4289642 | 0.81 |
| 1,2-Dichloroethane | ug/m3 | <0.97 | 0.12 | 4289642 | 0.81 |
| Ethylene Dibromide | ug/m3 | <1.8 | 0.14 | 4289642 | 1.3 |
| 1,1,1-Trichloroethane | ug/m3 | <1.3 | 0.081 | 4289642 | 1.6 |
| 1,1,2-Trichloroethane | ug/m3 | <1.3 | 0.16 | 4289642 | 0.82 |
| 1,1,2,2-Tetrachloroethane | ug/m3 | <1.6 | 0.11 | 4289642 | 1.4 |
| cis-1,3-Dichloropropene | ug/m3 | <1.1 | 0.13 | 4289642 | 0.82 |
| trans-1,3-Dichloropropene | ug/m3 | <1.1 | 0.14 | 4289642 | 0.77 |
| 1,2-Dichloropropane | ug/m3 | <1.1 | 0.061 | 4289642 | 1.8 |
| Bromomethane | ug/m3 | <0.93 | 0.13 | 4289642 | 0.70 |
| Bromoform | ug/m3 | <5.0 | 0.24 | 4289642 | 2.1 |
| Bromodichloromethane | ug/m3 | <3.2 | 0.25 | 4289642 | 1.3 |
| Dibromochloromethane | ug/m3 | <4.1 | 0.24 | 4289642 | 1.7 |
| Trichloroethylene | ug/m3 | <1.3 | 0.081 | 4289642 | 1.6 |
| QC Batch = Quality Control Batch | | | | | |



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A Bureau Veritas Group Company

Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## CALCULATED VOLATILE ORGANICS (AIR)

| Maxxam ID | | BKO135 | | | |
|---|---|---|---|---|---|
| Sampling Date | | 2015/11/20 | | | |
| COC Number | | na | | | |
| | UNITS | BLEND-C3-R3 | MDL | QC Batch | RDL |
| Tetrachloroethylene | ug/m3 | <1.6 | 0.11 | 4289642 | 1.4 |
| Benzene | ug/m3 | 20.3 | 0.14 | 4289642 | 0.57 |
| Toluene | ug/m3 | 109 | 0.024 | 4289642 | 3.8 |
| Ethylbenzene | ug/m3 | 20.6 | 0.11 | 4289642 | 0.87 |
| p+m-Xylene | ug/m3 | 72.8 | 0.13 | 4289642 | 1.6 |
| o-Xylene | ug/m3 | 27.4 | 0.11 | 4289642 | 0.87 |
| Styrene | ug/m3 | 3.6 | 0.12 | 4289642 | 0.85 |
| 4-ethyltoluene | ug/m3 | 7.1 | 0.27 | 4289642 | 11 |
| 1,3,5-Trimethylbenzene | ug/m3 | 8.2 | 0.049 | 4289642 | 12 |
| 1,2,4-Trimethylbenzene | ug/m3 | 26.1 | 0.049 | 4289642 | 12 |
| Chlorobenzene | ug/m3 | <1.1 | 0.12 | 4289642 | 0.92 |
| Benzyl chloride | ug/m3 | <6.2 | 0.24 | 4289642 | 5.2 |
| 1,3-Dichlorobenzene | ug/m3 | <5.8 | 0.24 | 4289642 | 2.4 |
| 1,4-Dichlorobenzene | ug/m3 | <1.4 | 0.058 | 4289642 | 2.4 |
| 1,2-Dichlorobenzene | ug/m3 | <1.4 | 0.058 | 4289642 | 2.4 |
| 1,2,4-Trichlorobenzene | ug/m3 | <8.9 | 0.24 | 4289642 | 15 |
| Hexachlorobutadiene | ug/m3 | <13 | 0.24 | 4289642 | 32 |
| Hexane | ug/m3 | 38.0 | 0.071 | 4289642 | 3.5 |
| Heptane | ug/m3 | 16.5 | 0.25 | 4289642 | 1.2 |
| Cyclohexane | ug/m3 | 13.4 | 0.25 | 4289642 | 0.69 |
| Tetrahydrofuran | ug/m3 | <2.8 | 0.23 | 4289642 | 1.2 |
| 1,4-Dioxane | ug/m3 | <8.6 | 0.48 | 4289642 | 7.2 |
| Naphthalene | ug/m3 | <6.3 | N/A | 4289642 | 11 |
| Total Xylenes | ug/m3 | 100 | N/A | 4289642 | 2.6 |
| 1,1,1,2-Tetrachloroethane | ug/m3 | <1.6 | N/A | 4289642 | 1.4 |
| Vinyl Bromide | ug/m3 | <2.1 | 0.24 | 4289642 | 0.87 |
| Propene | ug/m3 | 3.0 | 0.081 | 4289642 | 2.6 |
| 2,2,4-Trimethylpentane | ug/m3 | 26.4 | 0.24 | 4289642 | 0.93 |
| Carbon Disulfide | ug/m3 | <3.7 | 0.047 | 4289642 | 7.8 |
| Vinyl Acetate | ug/m3 | <5.9 | 0.84 | 4289642 | 0.70 |

QC Batch = Quality Control Batch
N/A = Not Applicable



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## TEST SUMMARY

**Maxxam ID:** BKO109
**Sample ID:** AUTO-C1-R1
**Matrix:** AIR

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4293881 | N/A | 2015/11/30 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305776 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293619 | N/A | 2015/11/30 | Diane Temniuk |

**Maxxam ID:** BKO109 Dup
**Sample ID:** AUTO-C1-R1
**Matrix:** AIR

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/08 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293619 | N/A | 2015/11/30 | Diane Temniuk |

**Maxxam ID:** BKO110
**Sample ID:** AUTO-C1-R2
**Matrix:** AIR

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4293881 | N/A | 2015/11/30 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293619 | N/A | 2015/11/30 | Diane Temniuk |

**Maxxam ID:** BKO111
**Sample ID:** AUTO-C1-R3
**Matrix:** AIR

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4293881 | N/A | 2015/11/30 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305776 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293619 | N/A | 2015/11/30 | Diane Temniuk |

**Maxxam ID:** BKO112
**Sample ID:** AUTO-C2-R1
**Matrix:** AIR

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4293881 | N/A | 2015/11/30 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305776 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293619 | N/A | 2015/11/30 | Diane Temniuk |



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## TEST SUMMARY

**Maxxam ID:** BKO113
**Sample ID:** AUTO-C2-R2
**Matrix:** AIR

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4293881 | N/A | 2015/11/30 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293619 | N/A | 2015/11/30 | Diane Temniuk |

**Maxxam ID:** BKO114
**Sample ID:** AUTO-C2-R3
**Matrix:** AIR

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4293881 | N/A | 2015/11/30 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305776 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293619 | N/A | 2015/11/30 | Diane Temniuk |

**Maxxam ID:** BKO115
**Sample ID:** AUTO-C3-R1
**Matrix:** AIR

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4293881 | N/A | 2015/11/30 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293619 | N/A | 2015/11/30 | Diane Temniuk |

**Maxxam ID:** BKO116
**Sample ID:** AUTO-C3-R2
**Matrix:** AIR

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4293881 | N/A | 2015/11/30 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305776 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293619 | N/A | 2015/11/30 | Diane Temniuk |

**Maxxam ID:** BKO116 Dup
**Sample ID:** AUTO-C3-R2
**Matrix:** AIR

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Light Hydrocarbons | GC/FID | 4305776 | N/A | 2015/12/09 | Shilpa Kataria |



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Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## TEST SUMMARY

**Maxxam ID:** BKO117
**Sample ID:** AUTO-C3-R3
**Matrix:** AIR

**Collected:** 2015/11/18
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4293881 | N/A | 2015/11/30 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293619 | N/A | 2015/11/30 | Diane Temniuk |

**Maxxam ID:** BKO118
**Sample ID:** MUNI-C1-R1
**Matrix:** AIR

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4293881 | N/A | 2015/11/30 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293619 | N/A | 2015/11/30 | Diane Temniuk |

**Maxxam ID:** BKO119
**Sample ID:** MUNI-C1-R2
**Matrix:** AIR

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4292864 | N/A | 2015/11/30 | Yao Liang Sun |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293803 | N/A | 2015/11/30 | Yao Liang Sun |

**Maxxam ID:** BKO120
**Sample ID:** MUNI-C1-R3
**Matrix:** AIR

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4292864 | N/A | 2015/11/30 | Yao Liang Sun |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293803 | N/A | 2015/11/30 | Yao Liang Sun |

**Maxxam ID:** BKO121
**Sample ID:** MUNI-C2-R1
**Matrix:** AIR

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4292864 | N/A | 2015/11/30 | Yao Liang Sun |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293803 | N/A | 2015/11/30 | Yao Liang Sun |



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## TEST SUMMARY

**Maxxam ID:** BKO122
**Sample ID:** MUNI-C2-R2
**Matrix:** AIR

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4292864 | N/A | 2015/11/30 | Yao Liang Sun |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293803 | N/A | 2015/11/30 | Yao Liang Sun |

**Maxxam ID:** BKO123
**Sample ID:** MUNI-C2-R3
**Matrix:** AIR

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4292864 | N/A | 2015/11/30 | Yao Liang Sun |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293803 | N/A | 2015/11/30 | Yao Liang Sun |

**Maxxam ID:** BKO124
**Sample ID:** MUNI-C3-R1
**Matrix:** AIR

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4292864 | N/A | 2015/11/30 | Yao Liang Sun |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293803 | N/A | 2015/11/30 | Yao Liang Sun |

**Maxxam ID:** BKO124 Dup
**Sample ID:** MUNI-C3-R1
**Matrix:** AIR

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |

**Maxxam ID:** BKO125
**Sample ID:** MUNI-C3-R2
**Matrix:** AIR

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4292864 | N/A | 2015/11/30 | Yao Liang Sun |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293803 | N/A | 2015/11/30 | Yao Liang Sun |



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## TEST SUMMARY

**Maxxam ID:** BKO126
**Sample ID:** MUNI-C3-R3
**Matrix:** AIR

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4295510 | N/A | 2015/12/01 | Yao Liang Sun |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/02 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4297438 | N/A | 2015/12/01 | Yao Liang Sun |

**Maxxam ID:** BKO126 Dup
**Sample ID:** MUNI-C3-R3
**Matrix:** AIR

**Collected:** 2015/11/19
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Volatile Organics in Air (TO-15) | GC/MS | 4297438 | N/A | 2015/12/01 | Yao Liang Sun |

**Maxxam ID:** BKO127
**Sample ID:** BLEND-C1-R1
**Matrix:** AIR

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4292864 | N/A | 2015/11/30 | Yao Liang Sun |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/01 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4293803 | N/A | 2015/11/30 | Yao Liang Sun |

**Maxxam ID:** BKO128
**Sample ID:** BLEND-C1-R2
**Matrix:** AIR

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4297474 | N/A | 2015/12/01 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/03 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4297482 | N/A | 2015/12/01 | Diane Temniuk |

**Maxxam ID:** BKO128 Dup
**Sample ID:** BLEND-C1-R2
**Matrix:** AIR

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/08 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4297482 | N/A | 2015/12/01 | Diane Temniuk |



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## TEST SUMMARY

**Maxxam ID:** BKO129
**Sample ID:** BLEND-C1-R3
**Matrix:** AIR

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4297474 | N/A | 2015/12/01 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/03 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4297482 | N/A | 2015/12/01 | Diane Temniuk |

**Maxxam ID:** BKO130
**Sample ID:** BLEND-C2-R1
**Matrix:** AIR

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4297474 | N/A | 2015/12/01 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305776 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/03 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4297482 | N/A | 2015/12/01 | Diane Temniuk |

**Maxxam ID:** BKO131
**Sample ID:** BLEND-C2-R2
**Matrix:** AIR

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4297474 | N/A | 2015/12/01 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/03 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4297482 | N/A | 2015/12/01 | Diane Temniuk |

**Maxxam ID:** BKO132
**Sample ID:** BLEND-C2-R3
**Matrix:** AIR

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4297474 | N/A | 2015/12/01 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305776 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/03 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4297482 | N/A | 2015/12/01 | Diane Temniuk |

**Maxxam ID:** BKO133
**Sample ID:** BLEND-C3-R1
**Matrix:** AIR

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4297474 | N/A | 2015/12/01 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/03 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4297482 | N/A | 2015/12/01 | Diane Temniuk |



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Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## TEST SUMMARY

**Maxxam ID:** BKO134
**Sample ID:** BLEND-C3-R2
**Matrix:** AIR

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4297474 | N/A | 2015/12/01 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/03 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4297482 | N/A | 2015/12/01 | Diane Temniuk |

**Maxxam ID:** BKO135
**Sample ID:** BLEND-C3-R3
**Matrix:** AIR

**Collected:** 2015/11/20
**Shipped:**
**Received:** 2015/11/26

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Canister Pressure (TO-15) | PRES | 4297474 | N/A | 2015/12/01 | Diane Temniuk |
| Light Hydrocarbons | GC/FID | 4305821 | N/A | 2015/12/09 | Shilpa Kataria |
| Volatile Organics in Air (ug/m3) | GC/MS | 4289642 | N/A | 2015/12/03 | Maureen Smith |
| Volatile Organics in Air (TO-15) | GC/MS | 4297482 | N/A | 2015/12/01 | Diane Temniuk |



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## GENERAL COMMENTS

WS#4263619
Napthalene was less than 60% recovery in the reference standard. The continuing calibration standard was acceptable therefore there should be no effect on the data.
Light Hydrocarbon Analysis : Canisters were pressurized with Air/Helium to enable sampling. Results and DLs adjusted accordingly.

Sample BKO109-01 : 2-propanol, 2-propanone, hexane, 2-butanone, tetrahydrofuran, benzene, 2,2,4-trimethylpentane, toluene, ethyl benzene, m,p-xylene and o-xylene were analyzed at a 10X dilution. The DLs were adjusted accordingly. Ethanol was analyzed at a 57.5X dilution. The DL was adjusted accordingly.
2-Butanone biased high due to co-elution with hexane. This result represents the highest concentration possible of 2-butanone.
Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.
Increased DL for 1,1-dichloroethylene, methyl tert butyl ether, 1,1-dichloroethane, vinyl acetate, chloroform, 1,4-dioxane and 2-hexanone due to matrix interference.

Sample BKO110-01 : 2-propanol, 2-propanone, hexane, 2-butanone, tetrahydrofuran, benzene, 2,2,4-trimethylpentane, heptane, toluene, ethyl benzene, m,p-xylene, o-xylene, and 1,2,4-trimethylbenzene were analyzed at a 10X dilution. The DLs were adjusted accordingly.
Ethanol was analyzed at a 88X dilution. The DL was adjusted accordingly.
2-Butanone biased high due to co-elution with hexane. This result represents the highest concentration possible of 2-butanone.
Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.
Increased DL for 1,1-dichloroethylene, 1,1-dichloroethane, vinyl acetate, chloroform, 1,2-dichloropropane, trichloroethylene, 1,4-dioxane and 2-hexanone due to matrix interference.

Sample BKO111-01 : 2-propanol, 2-propanone, hexane, 2-butanone, tetrahydrofuran, benzene, 2,2,4-trimethylpentane, heptane, toluene, ethyl benzene, m,p-xylene, o-xylene, and 1,2,4-trimethylbenzene were analyzed at a 10X dilution. The DLs were adjusted accordingly.
Ethanol was analyzed at a 100X dilution. The DL was adjusted accordingly.
2-Butanone biased high due to co-elution with hexane. This result represents the highest concentration possible of 2-butanone.
Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.
Increased DL for 1,1-dichloroethylene, 1,1-dichloroethane, vinyl acetate, chloroform, 1,2-dichloropropane, trichloroethylene, and 1,4-dioxane due to matrix interference.

Sample BKO112-01 : Ethanol and toluene were analyzed at a 5X dilution. The DLs were adjusted accordingly.
2-propanone was analyzed at a 10X dilution. The DL was adjusted accordingly.
2-Butanone biased high due to co-elution with hexane. This result represents the highest concentration possible of 2-butanone.
Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.
Increased DL for vinyl acetate, and tetrahydrofuran due to matrix interference.

Sample BKO113-01 : Sample was pressurized due to high vacuum in can. The DL's were adjusted accordingly.
Ethanol and toluene were analyzed at a 4.8x dilution. The DLs were adjusted accordingly.
Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.
Increased DL for vinyl acetate due to matrix interference

Sample BKO114-01 : Sample was pressurized due to high vacuum in can. The DL's were adjusted accordingly.
Toluene was analyzed at a 8.4x dilution. The DL was adjusted accordingly.
Ethanol was analyzed at a 21x dilution. The DL was adjusted accordingly.
Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.
Increased DL for vinyl acetate due to matrix interference.

Sample BKO115-01 : Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.

Sample BKO116-01 : Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.

Sample BKO117-01 : Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.

Sample BKO118-01 : Sample was analyzed at a 475X dilution. The DL's were adjusted accordingly.
Increased DL for propene due to interference from propane.



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Eastmount Environmental Services
Client Project #: 15-098
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Sampler Initials: AS

## GENERAL COMMENTS

Increased DL for vinyl acetate due to matrix interference.
Increased DL for 2-propanol due to possible background.

Sample BKO119-01 : Sample was analyzed at a 220X dilution. Propene, ethanol and acetone were analyzed at a 440X dilution. The DL's were adjusted accordingly.

Increased DL for propene due to interference from propane.

Increased DL for trichloroethylene due to possible background.

Sample BKO120-01 : Sample was analyzed at a 190X dilution. Propene, ethanol and acetone were analyzed at a 380X dilution. The DL's were adjusted accordingly.

Increased DL for propene due to interference from propane.

Sample BKO121-01 : Sample was analyzed at a 11.5X dilution. Ethanol and acetone were analyzed at a 115X dilution. The DL's were adjusted accordingly.

Increased DL for propene due to interference from propane.

Sample BKO122-01 : Sample was analyzed at a 13X dilution. Acetone was analyzed at a 26X dilution. Ethanol was analyzed at a 260X dilution. The DL's were adjusted accordingly.

Increased DL for propene due to interference from propane.

Increased DL for trichloroethylene due to possible background.

Sample BKO123-01 : Sample was analyzed at a 12.5X dilution. Acetone was analyzed at a 25X dilution. Ethanol was analyzed at a 125X dilution. The DL's were adjusted accordingly.

Increased DL for propene due to interference from propane.

Sample BKO124-01 : Sample was analyzed at a 2X dilution. Ethanol,acetone and toluene were analyzed at a 30X dilution. The DL's were adjusted accordingly.

Increased DL for propene due to interference from propane.

Sample BKO125-01 : Sample was analyzed at a 4.6X dilution. Ethanol and acetone were analyzed at a 92X dilution. The DL's were adjusted accordingly.

Increased DL for propene due to interference from propane.

Sample BKO126-01 : Sample was analyzed at a 10X dilution. Ethanol and acetone were analyzed at a 60X dilution. The DL's were adjusted accordingly.

Increased DL for propene due to interference from propane.

Sample BKO127-01 : Sample was analyzed at a 22X dilution. Acetone was analyzed at a 44X dilution. Ethanol was analyzed at a 440X dilution. The DL's were adjusted accordingly.

Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.

Increased DL for dichloromethane and trichloroethylene due to possible background.

Sample BKO128-01 : Sample was analyzed at a 10x dilution. The DL's were adjusted accordingly.



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## GENERAL COMMENTS

Ethanol, 2-Propanone and cyclohexane were analyzed at a 120X dilution. The DLs were adjusted accordingly.
2-Butanone biased high due to co-elution with hexane. This result represents the highest concentration possible of 2-butanone.
Increased DL for vinyl acetate due to matrix interference

Sample BKO129-01 : Sample was analyzed at a 10x dilution. The DL's were adjusted accordingly.
Ethanol and cyclohexane were analyzed at a 240X dilution. The DLs were adjusted accordingly.
Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.
2-Butanone biased high due to co-elution with hexane. This result represents the highest concentration possible of 2-butanone.
Increased DL for vinyl acetate due to matrix interference

Sample BKO130-01 : Sample was analyzed at a 2.5x dilution. The DL's were adjusted accordingly.
Toluene was above calibration range and was reanalyzed at a 27X dilution.
Ethanol was above calibration range and was reanalyzed at a 54X dilution.
Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.
2-Butanone biased high due to co-elution with hexane. This result represents the highest concentration possible of 2-butanone.
Increased DL for vinyl acetate due to matrix interference

Sample BKO131-01 : Sample was pressurized due to high vacuum in can. The DL's were adjusted accordingly.
Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.

Sample BKO132-01 : Ethanol and toluene were analyzed at a 10X dilution.
2-Butanone biased high due to co-elution with hexane. This result represents the highest concentration possible of 2-butanone.
Increased DL for vinyl acetate due to matrix interference

Sample BKO133-01 : Sample was pressurized due to high vacuum in can. The DL's were adjusted accordingly.
Ethanol was above calibration range and was reanalyzed at a 92X dilution.
Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.
2-Butanone biased high due to co-elution with hexane. This result represents the highest concentration possible of 2-butanone.
Increased DLs for vinyl acetate and cyclohexane due to matrix interference

Sample BKO134-01 : Sample was pressurized due to high vacuum in can. The DL's were adjusted accordingly.
Ethanol was above calibration range and was reanalyzed at a 9.6X dilution.
Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.
Increased DL for vinyl acetate due to matrix interference

Sample BKO135-01 : Sample was pressurized due to high vacuum in can. The DL's were adjusted accordingly.
Ethanol was above calibration range and was reanalyzed at a 6X dilution.
Propene is a mixture of both propene and propane and this represents the highest possible concentration of propene.
2-propanone biased high due to co-elution with pentane. This result represents the highest concentration possible of 2-propanone.
Increased DL for vinyl acetate due to matrix interference

**Results relate only to the items tested.**



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## QUALITY ASSURANCE REPORT

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| 4289642 | ASC | RPD - Sample/Sample Dup | Dichlorodifluoromethane (FREON 12) | 2015/12/08 | 6.1 | | % | 25 |
| | | | 1,2-Dichlorotetrafluoroethane | 2015/12/08 | NC | | % | 25 |
| | | | Chloromethane | 2015/12/08 | NC | | % | 25 |
| | | | Vinyl Chloride | 2015/12/08 | NC | | % | 25 |
| | | | Chloroethane | 2015/12/08 | NC | | % | 25 |
| | | | 1,3-Butadiene | 2015/12/08 | NC | | % | 25 |
| | | | Trichlorofluoromethane (FREON 11) | 2015/12/08 | 2.9 | | % | 25 |
| | | | Ethanol (ethyl alcohol) | 2015/12/08 | 1.8 | | % | 25 |
| | | | Trichlorotrifluoroethane | 2015/12/08 | NC | | % | 25 |
| | | | 2-propanol | 2015/12/08 | 6.1 | | % | 25 |
| | | | 2-Propanone | 2015/12/08 | 7.7 | | % | 25 |
| | | | Methyl Ethyl Ketone (2-Butanone) | 2015/12/08 | 4.5 | | % | 25 |
| | | | Methyl Isobutyl Ketone | 2015/12/08 | 12 | | % | 25 |
| | | | Methyl Butyl Ketone (2-Hexanone) | 2015/12/08 | NC | | % | 25 |
| | | | Methyl t-butyl ether (MTBE) | 2015/12/08 | NC | | % | 25 |
| | | | Ethyl Acetate | 2015/12/08 | 19 | | % | 25 |
| | | | 1,1-Dichloroethylene | 2015/12/08 | 7.8 | | % | 25 |
| | | | cis-1,2-Dichloroethylene | 2015/12/08 | NC | | % | 25 |
| | | | trans-1,2-Dichloroethylene | 2015/12/08 | NC | | % | 25 |
| | | | Methylene Chloride(Dichloromethane) | 2015/12/08 | 13 | | % | 25 |
| | | | Chloroform | 2015/12/08 | NC | | % | 25 |
| | | | Carbon Tetrachloride | 2015/12/08 | NC | | % | 25 |
| | | | 1,1-Dichloroethane | 2015/12/08 | NC | | % | 25 |
| | | | 1,2-Dichloroethane | 2015/12/08 | NC | | % | 25 |
| | | | Ethylene Dibromide | 2015/12/08 | NC | | % | 25 |
| | | | 1,1,1-Trichloroethane | 2015/12/08 | NC | | % | 25 |
| | | | 1,1,2-Trichloroethane | 2015/12/08 | NC | | % | 25 |
| | | | 1,1,2,2-Tetrachloroethane | 2015/12/08 | NC | | % | 25 |
| | | | cis-1,3-Dichloropropene | 2015/12/08 | NC | | % | 25 |
| | | | trans-1,3-Dichloropropene | 2015/12/08 | NC | | % | 25 |
| | | | 1,2-Dichloropropane | 2015/12/08 | NC | | % | 25 |
| | | | Bromomethane | 2015/12/08 | NC | | % | 25 |
| | | | Bromoform | 2015/12/08 | NC | | % | 25 |
| | | | Bromodichloromethane | 2015/12/08 | NC | | % | 25 |
| | | | Dibromochloromethane | 2015/12/08 | NC | | % | 25 |
| | | | Trichloroethylene | 2015/12/08 | NC | | % | 25 |
| | | | Tetrachloroethylene | 2015/12/08 | 2.4 | | % | 25 |
| | | | Benzene | 2015/12/08 | 5.1 | | % | 25 |
| | | | Toluene | 2015/12/08 | 5.5 | | % | 25 |
| | | | Ethylbenzene | 2015/12/08 | 5.0 | | % | 25 |
| | | | p+m-Xylene | 2015/12/08 | 5.3 | | % | 25 |
| | | | o-Xylene | 2015/12/08 | 6.5 | | % | 25 |
| | | | Styrene | 2015/12/08 | 0.86 | | % | 25 |
| | | | 4-ethyltoluene | 2015/12/08 | 2.3 | | % | 25 |
| | | | 1,3,5-Trimethylbenzene | 2015/12/08 | 3.6 | | % | 25 |
| | | | 1,2,4-Trimethylbenzene | 2015/12/08 | 3.1 | | % | 25 |
| | | | Chlorobenzene | 2015/12/08 | NC | | % | 25 |
| | | | Benzyl chloride | 2015/12/08 | NC | | % | 25 |
| | | | 1,3-Dichlorobenzene | 2015/12/08 | NC | | % | 25 |
| | | | 1,4-Dichlorobenzene | 2015/12/08 | NC | | % | 25 |
| | | | 1,2-Dichlorobenzene | 2015/12/08 | NC | | % | 25 |
| | | | 1,2,4-Trichlorobenzene | 2015/12/08 | NC | | % | 25 |



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Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Hexachlorobutadiene | 2015/12/08 | NC | | % | 25 |
| | | | Hexane | 2015/12/08 | 5.5 | | % | 25 |
| | | | Heptane | 2015/12/08 | 14 | | % | 25 |
| | | | Cyclohexane | 2015/12/08 | 7.9 | | % | 25 |
| | | | Tetrahydrofuran | 2015/12/08 | 3.6 | | % | 25 |
| | | | 1,4-Dioxane | 2015/12/08 | NC | | % | 25 |
| | | | Naphthalene | 2015/12/08 | NC | | % | 25 |
| | | | Total Xylenes | 2015/12/08 | 5.6 | | % | 25 |
| | | | 1,1,1,2-Tetrachloroethane | 2015/12/08 | NC | | % | 25 |
| | | | Vinyl Bromide | 2015/12/08 | NC | | % | 25 |
| | | | Propene | 2015/12/08 | 15 | | % | 25 |
| | | | 2,2,4-Trimethylpentane | 2015/12/08 | 6.7 | | % | 25 |
| | | | Carbon Disulfide | 2015/12/08 | NC | | % | 25 |
| | | | Vinyl Acetate | 2015/12/08 | NC | | % | 25 |
| | | | Dichlorodifluoromethane (FREON 12) | 2015/12/08 | NC | | % | 25 |
| | | | 1,2-Dichlorotetrafluoroethane | 2015/12/08 | NC | | % | 25 |
| | | | Chloromethane | 2015/12/08 | NC | | % | 25 |
| | | | Vinyl Chloride | 2015/12/08 | NC | | % | 25 |
| | | | Chloroethane | 2015/12/08 | NC | | % | 25 |
| | | | 1,3-Butadiene | 2015/12/08 | NC | | % | 25 |
| | | | Trichlorofluoromethane (FREON 11) | 2015/12/08 | NC | | % | 25 |
| | | | Ethanol (ethyl alcohol) | 2015/12/08 | 1.9 | | % | 25 |
| | | | Trichlorotrifluoroethane | 2015/12/08 | NC | | % | 25 |
| | | | 2-propanol | 2015/12/08 | 0.36 | | % | 25 |
| | | | 2-Propanone | 2015/12/08 | 2.7 | | % | 25 |
| | | | Methyl Ethyl Ketone (2-Butanone) | 2015/12/08 | 0.22 | | % | 25 |
| | | | Methyl Isobutyl Ketone | 2015/12/08 | NC | | % | 25 |
| | | | Methyl Butyl Ketone (2-Hexanone) | 2015/12/08 | NC | | % | 25 |
| | | | Methyl t-butyl ether (MTBE) | 2015/12/08 | NC | | % | 25 |
| | | | Ethyl Acetate | 2015/12/08 | NC | | % | 25 |
| | | | 1,1-Dichloroethylene | 2015/12/08 | NC | | % | 25 |
| | | | cis-1,2-Dichloroethylene | 2015/12/08 | NC | | % | 25 |
| | | | trans-1,2-Dichloroethylene | 2015/12/08 | NC | | % | 25 |
| | | | Methylene Chloride(Dichloromethane) | 2015/12/08 | NC | | % | 25 |
| | | | Chloroform | 2015/12/08 | NC | | % | 25 |
| | | | Carbon Tetrachloride | 2015/12/08 | NC | | % | 25 |
| | | | 1,1-Dichloroethane | 2015/12/08 | NC | | % | 25 |
| | | | 1,2-Dichloroethane | 2015/12/08 | NC | | % | 25 |
| | | | Ethylene Dibromide | 2015/12/08 | NC | | % | 25 |
| | | | 1,1,1-Trichloroethane | 2015/12/08 | NC | | % | 25 |
| | | | 1,1,2-Trichloroethane | 2015/12/08 | NC | | % | 25 |
| | | | 1,1,2,2-Tetrachloroethane | 2015/12/08 | NC | | % | 25 |
| | | | cis-1,3-Dichloropropene | 2015/12/08 | NC | | % | 25 |
| | | | trans-1,3-Dichloropropene | 2015/12/08 | NC | | % | 25 |
| | | | 1,2-Dichloropropane | 2015/12/08 | NC | | % | 25 |
| | | | Bromomethane | 2015/12/08 | NC | | % | 25 |
| | | | Bromoform | 2015/12/08 | NC | | % | 25 |
| | | | Bromodichloromethane | 2015/12/08 | NC | | % | 25 |
| | | | Dibromochloromethane | 2015/12/08 | NC | | % | 25 |
| | | | Trichloroethylene | 2015/12/08 | NC | | % | 25 |
| | | | Tetrachloroethylene | 2015/12/08 | NC | | % | 25 |
| | | | Benzene | 2015/12/08 | 2.3 | | % | 25 |



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Maxxam
A Bureau Veritas Group Company

Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Toluene | 2015/12/08 | 2.9 | | % | 25 |
| | | | Ethylbenzene | 2015/12/08 | 2.6 | | % | 25 |
| | | | p+m-Xylene | 2015/12/08 | 3.5 | | % | 25 |
| | | | o-Xylene | 2015/12/08 | 3.5 | | % | 25 |
| | | | Styrene | 2015/12/08 | 3.9 | | % | 25 |
| | | | 4-ethyltoluene | 2015/12/08 | NC | | % | 25 |
| | | | 1,3,5-Trimethylbenzene | 2015/12/08 | NC | | % | 25 |
| | | | 1,2,4-Trimethylbenzene | 2015/12/08 | 2.5 | | % | 25 |
| | | | Chlorobenzene | 2015/12/08 | NC | | % | 25 |
| | | | Benzyl chloride | 2015/12/08 | NC | | % | 25 |
| | | | 1,3-Dichlorobenzene | 2015/12/08 | NC | | % | 25 |
| | | | 1,4-Dichlorobenzene | 2015/12/08 | NC | | % | 25 |
| | | | 1,2-Dichlorobenzene | 2015/12/08 | NC | | % | 25 |
| | | | 1,2,4-Trichlorobenzene | 2015/12/08 | NC | | % | 25 |
| | | | Hexachlorobutadiene | 2015/12/08 | NC | | % | 25 |
| | | | Hexane | 2015/12/08 | 1.6 | | % | 25 |
| | | | Heptane | 2015/12/08 | 0.88 | | % | 25 |
| | | | Cyclohexane | 2015/12/08 | NC | | % | 25 |
| | | | Tetrahydrofuran | 2015/12/08 | 0.19 | | % | 25 |
| | | | 1,4-Dioxane | 2015/12/08 | NC | | % | 25 |
| | | | Naphthalene | 2015/12/08 | NC | | % | 25 |
| | | | Total Xylenes | 2015/12/08 | 3.5 | | % | 25 |
| | | | 1,1,1,2-Tetrachloroethane | 2015/12/08 | NC | | % | 25 |
| | | | Vinyl Bromide | 2015/12/08 | NC | | % | 25 |
| | | | Propene | 2015/12/08 | 5.6 | | % | 25 |
| | | | 2,2,4-Trimethylpentane | 2015/12/08 | 1.0 | | % | 25 |
| | | | Carbon Disulfide | 2015/12/08 | NC | | % | 25 |
| | | | Vinyl Acetate | 2015/12/08 | NC | | % | 25 |
| | | | Benzene | 2015/12/10 | NC | | % | 25 |
| | | | Toluene | 2015/12/10 | NC | | % | 25 |
| | | | Ethylbenzene | 2015/12/10 | NC | | % | 25 |
| | | | p+m-Xylene | 2015/12/10 | NC | | % | 25 |
| | | | o-Xylene | 2015/12/10 | NC | | % | 25 |
| | | | Total Xylenes | 2015/12/10 | NC | | % | 25 |
| | | | Dichlorodifluoromethane (FREON 12) | 2015/12/08 | NC | | % | 25 |
| | | | 1,2-Dichlorotetrafluoroethane | 2015/12/08 | NC | | % | 25 |
| | | | Chloromethane | 2015/12/08 | NC | | % | 25 |
| | | | Vinyl Chloride | 2015/12/08 | NC | | % | 25 |
| | | | Chloroethane | 2015/12/08 | NC | | % | 25 |
| | | | 1,3-Butadiene | 2015/12/08 | NC | | % | 25 |
| | | | Trichlorofluoromethane (FREON 11) | 2015/12/08 | NC | | % | 25 |
| | | | Ethanol (ethyl alcohol) | 2015/12/08 | NC | | % | 25 |
| | | | Trichlorotrifluoroethane | 2015/12/08 | NC | | % | 25 |
| | | | 2-propanol | 2015/12/08 | 1.9 | | % | 25 |
| | | | 2-Propanone | 2015/12/08 | NC | | % | 25 |
| | | | Methyl Ethyl Ketone (2-Butanone) | 2015/12/08 | NC | | % | 25 |
| | | | Methyl Isobutyl Ketone | 2015/12/08 | NC | | % | 25 |
| | | | Methyl Butyl Ketone (2-Hexanone) | 2015/12/08 | NC | | % | 25 |
| | | | Methyl t-butyl ether (MTBE) | 2015/12/08 | NC | | % | 25 |
| | | | Ethyl Acetate | 2015/12/08 | NC | | % | 25 |
| | | | 1,1-Dichloroethylene | 2015/12/08 | NC | | % | 25 |
| | | | cis-1,2-Dichloroethylene | 2015/12/08 | NC | | % | 25 |



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | trans-1,2-Dichloroethylene | 2015/12/08 | NC | | % | 25 |
| | | | Methylene Chloride(Dichloromethane) | 2015/12/08 | NC | | % | 25 |
| | | | Chloroform | 2015/12/08 | NC | | % | 25 |
| | | | Carbon Tetrachloride | 2015/12/08 | NC | | % | 25 |
| | | | 1,1-Dichloroethane | 2015/12/08 | NC | | % | 25 |
| | | | 1,2-Dichloroethane | 2015/12/08 | NC | | % | 25 |
| | | | Ethylene Dibromide | 2015/12/08 | NC | | % | 25 |
| | | | 1,1,1-Trichloroethane | 2015/12/08 | NC | | % | 25 |
| | | | 1,1,2-Trichloroethane | 2015/12/08 | NC | | % | 25 |
| | | | 1,1,2,2-Tetrachloroethane | 2015/12/08 | NC | | % | 25 |
| | | | cis-1,3-Dichloropropene | 2015/12/08 | NC | | % | 25 |
| | | | trans-1,3-Dichloropropene | 2015/12/08 | NC | | % | 25 |
| | | | 1,2-Dichloropropane | 2015/12/08 | NC | | % | 25 |
| | | | Bromomethane | 2015/12/08 | NC | | % | 25 |
| | | | Bromoform | 2015/12/08 | NC | | % | 25 |
| | | | Bromodichloromethane | 2015/12/08 | NC | | % | 25 |
| | | | Dibromochloromethane | 2015/12/08 | NC | | % | 25 |
| | | | Trichloroethylene | 2015/12/08 | NC | | % | 25 |
| | | | Tetrachloroethylene | 2015/12/08 | NC | | % | 25 |
| | | | Benzene | 2015/12/08 | NC | | % | 25 |
| | | | Toluene | 2015/12/08 | 1.9 | | % | 25 |
| | | | Ethylbenzene | 2015/12/08 | 2.2 | | % | 25 |
| | | | p+m-Xylene | 2015/12/08 | 0.012 | | % | 25 |
| | | | o-Xylene | 2015/12/08 | 1.5 | | % | 25 |
| | | | Styrene | 2015/12/08 | NC | | % | 25 |
| | | | 4-ethyltoluene | 2015/12/08 | NC | | % | 25 |
| | | | 1,3,5-Trimethylbenzene | 2015/12/08 | NC | | % | 25 |
| | | | 1,2,4-Trimethylbenzene | 2015/12/08 | NC | | % | 25 |
| | | | Chlorobenzene | 2015/12/08 | NC | | % | 25 |
| | | | Benzyl chloride | 2015/12/08 | NC | | % | 25 |
| | | | 1,3-Dichlorobenzene | 2015/12/08 | NC | | % | 25 |
| | | | 1,4-Dichlorobenzene | 2015/12/08 | NC | | % | 25 |
| | | | 1,2-Dichlorobenzene | 2015/12/08 | NC | | % | 25 |
| | | | 1,2,4-Trichlorobenzene | 2015/12/08 | NC | | % | 25 |
| | | | Hexachlorobutadiene | 2015/12/08 | NC | | % | 25 |
| | | | Hexane | 2015/12/08 | NC | | % | 25 |
| | | | Heptane | 2015/12/08 | 0.40 | | % | 25 |
| | | | Cyclohexane | 2015/12/08 | NC | | % | 25 |
| | | | Tetrahydrofuran | 2015/12/08 | NC | | % | 25 |
| | | | 1,4-Dioxane | 2015/12/08 | NC | | % | 25 |
| | | | Naphthalene | 2015/12/08 | NC | | % | 25 |
| | | | Total Xylenes | 2015/12/08 | 0.35 | | % | 25 |
| | | | 1,1,1,2-Tetrachloroethane | 2015/12/08 | NC | | % | 25 |
| | | | Vinyl Bromide | 2015/12/08 | NC | | % | 25 |
| | | | Propene | 2015/12/08 | NC | | % | 25 |
| | | | 2,2,4-Trimethylpentane | 2015/12/08 | NC | | % | 25 |
| | | | Carbon Disulfide | 2015/12/08 | NC | | % | 25 |
| | | | Vinyl Acetate | 2015/12/08 | NC | | % | 25 |
| 4293619 | DVO | Spiked Blank | Bromochloromethane | 2015/11/30 | | 101 | % | 60 - 140 |
| | | | D5-Chlorobenzene | 2015/11/30 | | 101 | % | 60 - 140 |
| | | | Difluorobenzene | 2015/11/30 | | 101 | % | 60 - 140 |
| | | | Dichlorodifluoromethane (FREON 12) | 2015/11/30 | | 75 | % | 70 - 130 |



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Maxxam Job #: B5O2922
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Eastmount Environmental Services
Client Project #: 15-098
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Sampler Initials: AS

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | 1,2-Dichlorotetrafluoroethane | 2015/11/30 | | 75 | % | 70 - 130 |
| | | | Chloromethane | 2015/11/30 | | 85 | % | 70 - 130 |
| | | | Vinyl Chloride | 2015/11/30 | | 83 | % | 70 - 130 |
| | | | Chloroethane | 2015/11/30 | | 79 | % | 70 - 130 |
| | | | 1,3-Butadiene | 2015/11/30 | | 86 | % | 70 - 130 |
| | | | Trichlorofluoromethane (FREON 11) | 2015/11/30 | | 79 | % | 70 - 130 |
| | | | Ethanol (ethyl alcohol) | 2015/11/30 | | 112 | % | 70 - 130 |
| | | | Trichlorotrifluoroethane | 2015/11/30 | | 96 | % | 70 - 130 |
| | | | 2-propanol | 2015/11/30 | | 96 | % | 70 - 130 |
| | | | 2-Propanone | 2015/11/30 | | 108 | % | 70 - 130 |
| | | | Methyl Ethyl Ketone (2-Butanone) | 2015/11/30 | | 99 | % | 70 - 130 |
| | | | Methyl Isobutyl Ketone | 2015/11/30 | | 101 | % | 70 - 130 |
| | | | Methyl Butyl Ketone (2-Hexanone) | 2015/11/30 | | 100 | % | 70 - 130 |
| | | | Methyl t-butyl ether (MTBE) | 2015/11/30 | | 99 | % | 70 - 130 |
| | | | Ethyl Acetate | 2015/11/30 | | 113 | % | 70 - 130 |
| | | | 1,1-Dichloroethylene | 2015/11/30 | | 98 | % | 70 - 130 |
| | | | cis-1,2-Dichloroethylene | 2015/11/30 | | 104 | % | 70 - 130 |
| | | | trans-1,2-Dichloroethylene | 2015/11/30 | | 107 | % | 70 - 130 |
| | | | Methylene Chloride(Dichloromethane) | 2015/11/30 | | 110 | % | 70 - 130 |
| | | | Chloroform | 2015/11/30 | | 93 | % | 70 - 130 |
| | | | Carbon Tetrachloride | 2015/11/30 | | 82 | % | 70 - 130 |
| | | | 1,1-Dichloroethane | 2015/11/30 | | 99 | % | 70 - 130 |
| | | | 1,2-Dichloroethane | 2015/11/30 | | 91 | % | 70 - 130 |
| | | | Ethylene Dibromide | 2015/11/30 | | 96 | % | 70 - 130 |
| | | | 1,1,1-Trichloroethane | 2015/11/30 | | 83 | % | 70 - 130 |
| | | | 1,1,2-Trichloroethane | 2015/11/30 | | 103 | % | 70 - 130 |
| | | | 1,1,2,2-Tetrachloroethane | 2015/11/30 | | 99 | % | 70 - 130 |
| | | | cis-1,3-Dichloropropene | 2015/11/30 | | 105 | % | 70 - 130 |
| | | | trans-1,3-Dichloropropene | 2015/11/30 | | 99 | % | 70 - 130 |
| | | | 1,2-Dichloropropane | 2015/11/30 | | 111 | % | 70 - 130 |
| | | | Bromomethane | 2015/11/30 | | 81 | % | 70 - 130 |
| | | | Bromoform | 2015/11/30 | | 86 | % | 70 - 130 |
| | | | Bromodichloromethane | 2015/11/30 | | 92 | % | 70 - 130 |
| | | | Dibromochloromethane | 2015/11/30 | | 96 | % | 70 - 130 |
| | | | Trichloroethylene | 2015/11/30 | | 90 | % | 70 - 130 |
| | | | Tetrachloroethylene | 2015/11/30 | | 91 | % | 70 - 130 |
| | | | Benzene | 2015/11/30 | | 99 | % | 70 - 130 |
| | | | Toluene | 2015/11/30 | | 103 | % | 70 - 130 |
| | | | Ethylbenzene | 2015/11/30 | | 96 | % | 70 - 130 |
| | | | p+m-Xylene | 2015/11/30 | | 90 | % | 70 - 130 |
| | | | o-Xylene | 2015/11/30 | | 92 | % | 70 - 130 |
| | | | Styrene | 2015/11/30 | | 70 | % | 70 - 130 |
| | | | 4-ethyltoluene | 2015/11/30 | | 87 | % | 70 - 130 |
| | | | 1,3,5-Trimethylbenzene | 2015/11/30 | | 84 | % | 70 - 130 |
| | | | 1,2,4-Trimethylbenzene | 2015/11/30 | | 88 | % | 70 - 130 |
| | | | Chlorobenzene | 2015/11/30 | | 93 | % | 70 - 130 |
| | | | Benzyl chloride | 2015/11/30 | | 83 | % | 70 - 130 |
| | | | 1,3-Dichlorobenzene | 2015/11/30 | | 88 | % | 70 - 130 |
| | | | 1,4-Dichlorobenzene | 2015/11/30 | | 81 | % | 70 - 130 |
| | | | 1,2-Dichlorobenzene | 2015/11/30 | | 88 | % | 70 - 130 |
| | | | 1,2,4-Trichlorobenzene | 2015/11/30 | | 77 | % | 70 - 130 |
| | | | Hexachlorobutadiene | 2015/11/30 | | 92 | % | 70 - 130 |



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Eastmount Environmental Services
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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Hexane | 2015/11/30 | | 110 | % | 70 - 130 |
| | | | Heptane | 2015/11/30 | | 119 | % | 70 - 130 |
| | | | Cyclohexane | 2015/11/30 | | 107 | % | 70 - 130 |
| | | | Tetrahydrofuran | 2015/11/30 | | 112 | % | 70 - 130 |
| | | | 1,4-Dioxane | 2015/11/30 | | 88 | % | 70 - 130 |
| | | | Naphthalene | 2015/11/30 | | 58 (1) | % | 70 - 130 |
| | | | Total Xylenes | 2015/11/30 | | 91 | % | 70 - 130 |
| | | | Vinyl Bromide | 2015/11/30 | | 77 | % | 70 - 130 |
| | | | Propene | 2015/11/30 | | 107 | % | 70 - 130 |
| | | | 2,2,4-Trimethylpentane | 2015/11/30 | | 115 | % | 70 - 130 |
| | | | Carbon Disulfide | 2015/11/30 | | 117 | % | 70 - 130 |
| | | | Vinyl Acetate | 2015/11/30 | | 105 | % | 70 - 130 |
| 4293619 | DVO | Method Blank | Bromochloromethane | 2015/11/30 | | 110 | % | 60 - 140 |
| | | | D5-Chlorobenzene | 2015/11/30 | | 103 | % | 60 - 140 |
| | | | Difluorobenzene | 2015/11/30 | | 110 | % | 60 - 140 |
| | | | Dichlorodifluoromethane (FREON 12) | 2015/11/30 | <0.20 | | ppbv | |
| | | | 1,2-Dichlorotetrafluoroethane | 2015/11/30 | <0.17 | | ppbv | |
| | | | Chloromethane | 2015/11/30 | <0.30 | | ppbv | |
| | | | Vinyl Chloride | 2015/11/30 | <0.10 | | ppbv | |
| | | | Chloroethane | 2015/11/30 | <0.30 | | ppbv | |
| | | | 1,3-Butadiene | 2015/11/30 | <0.50 | | ppbv | |
| | | | Trichlorofluoromethane (FREON 11) | 2015/11/30 | <0.20 | | ppbv | |
| | | | Ethanol (ethyl alcohol) | 2015/11/30 | <1.0 | | ppbv | |
| | | | Trichlorotrifluoroethane | 2015/11/30 | <0.15 | | ppbv | |
| | | | 2-propanol | 2015/11/30 | <1.0 | | ppbv | |
| | | | 2-Propanone | 2015/11/30 | <0.80 | | ppbv | |
| | | | Methyl Ethyl Ketone (2-Butanone) | 2015/11/30 | <1.0 | | ppbv | |
| | | | Methyl Isobutyl Ketone | 2015/11/30 | <1.0 | | ppbv | |
| | | | Methyl Butyl Ketone (2-Hexanone) | 2015/11/30 | <1.0 | | ppbv | |
| | | | Methyl t-butyl ether (MTBE) | 2015/11/30 | <0.20 | | ppbv | |
| | | | Ethyl Acetate | 2015/11/30 | <1.0 | | ppbv | |
| | | | 1,1-Dichloroethylene | 2015/11/30 | <0.10 | | ppbv | |
| | | | cis-1,2-Dichloroethylene | 2015/11/30 | <0.10 | | ppbv | |
| | | | trans-1,2-Dichloroethylene | 2015/11/30 | <0.10 | | ppbv | |
| | | | Methylene Chloride(Dichloromethane) | 2015/11/30 | <0.80 | | ppbv | |
| | | | Chloroform | 2015/11/30 | <0.10 | | ppbv | |
| | | | Carbon Tetrachloride | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,1-Dichloroethane | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,2-Dichloroethane | 2015/11/30 | <0.10 | | ppbv | |
| | | | Ethylene Dibromide | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,1,1-Trichloroethane | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,1,2-Trichloroethane | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,1,2,2-Tetrachloroethane | 2015/11/30 | <0.10 | | ppbv | |
| | | | cis-1,3-Dichloropropene | 2015/11/30 | <0.10 | | ppbv | |
| | | | trans-1,3-Dichloropropene | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,2-Dichloropropane | 2015/11/30 | <0.10 | | ppbv | |
| | | | Bromomethane | 2015/11/30 | <0.10 | | ppbv | |
| | | | Bromoform | 2015/11/30 | <0.20 | | ppbv | |
| | | | Bromodichloromethane | 2015/11/30 | <0.20 | | ppbv | |
| | | | Dibromochloromethane | 2015/11/30 | <0.20 | | ppbv | |
| | | | Trichloroethylene | 2015/11/30 | <0.10 | | ppbv | |
| | | | Tetrachloroethylene | 2015/11/30 | <0.10 | | ppbv | |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Benzene | 2015/11/30 | <0.10 | | ppbv | |
| | | | Toluene | 2015/11/30 | <0.10 | | ppbv | |
| | | | Ethylbenzene | 2015/11/30 | <0.10 | | ppbv | |
| | | | p+m-Xylene | 2015/11/30 | <0.20 | | ppbv | |
| | | | o-Xylene | 2015/11/30 | <0.10 | | ppbv | |
| | | | Styrene | 2015/11/30 | <0.10 | | ppbv | |
| | | | 4-ethyltoluene | 2015/11/30 | <0.50 | | ppbv | |
| | | | 1,3,5-Trimethylbenzene | 2015/11/30 | <0.50 | | ppbv | |
| | | | 1,2,4-Trimethylbenzene | 2015/11/30 | <0.50 | | ppbv | |
| | | | Chlorobenzene | 2015/11/30 | <0.10 | | ppbv | |
| | | | Benzyl chloride | 2015/11/30 | <0.50 | | ppbv | |
| | | | 1,3-Dichlorobenzene | 2015/11/30 | <0.40 | | ppbv | |
| | | | 1,4-Dichlorobenzene | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,2-Dichlorobenzene | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,2,4-Trichlorobenzene | 2015/11/30 | <0.50 | | ppbv | |
| | | | Hexachlorobutadiene | 2015/11/30 | <0.50 | | ppbv | |
| | | | Hexane | 2015/11/30 | <0.30 | | ppbv | |
| | | | Heptane | 2015/11/30 | <0.30 | | ppbv | |
| | | | Cyclohexane | 2015/11/30 | <0.20 | | ppbv | |
| | | | Tetrahydrofuran | 2015/11/30 | <0.40 | | ppbv | |
| | | | 1,4-Dioxane | 2015/11/30 | <1.0 | | ppbv | |
| | | | Naphthalene | 2015/11/30 | <0.50 | | ppbv | |
| | | | Total Xylenes | 2015/11/30 | <0.30 | | ppbv | |
| | | | 1,1,1,2-Tetrachloroethane | 2015/11/30 | <0.10 | | ppbv | |
| | | | Vinyl Bromide | 2015/11/30 | <0.20 | | ppbv | |
| | | | Propene | 2015/11/30 | <0.50 | | ppbv | |
| | | | 2,2,4-Trimethylpentane | 2015/11/30 | <0.20 | | ppbv | |
| | | | Carbon Disulfide | 2015/11/30 | <0.50 | | ppbv | |
| | | | Vinyl Acetate | 2015/11/30 | <0.20 | | ppbv | |
| 4293619 | DVO | RPD - Sample/Sample Dup | Dichlorodifluoromethane (FREON 12) | 2015/11/30 | 6.1 | | % | 25 |
| | | | 1,2-Dichlorotetrafluoroethane | 2015/11/30 | NC | | % | 25 |
| | | | Chloromethane | 2015/11/30 | NC | | % | 25 |
| | | | Vinyl Chloride | 2015/11/30 | NC | | % | 25 |
| | | | Chloroethane | 2015/11/30 | NC | | % | 25 |
| | | | 1,3-Butadiene | 2015/11/30 | NC | | % | 25 |
| | | | Trichlorofluoromethane (FREON 11) | 2015/11/30 | 2.9 | | % | 25 |
| | | | Ethanol (ethyl alcohol) | 2015/11/30 | 1.8 | | % | 25 |
| | | | Trichlorotrifluoroethane | 2015/11/30 | NC | | % | 25 |
| | | | 2-propanol | 2015/11/30 | 6.1 | | % | 25 |
| | | | 2-Propanone | 2015/11/30 | 7.7 | | % | 25 |
| | | | Methyl Ethyl Ketone (2-Butanone) | 2015/11/30 | 4.5 | | % | 25 |
| | | | Methyl Isobutyl Ketone | 2015/11/30 | 12 | | % | 25 |
| | | | Methyl Butyl Ketone (2-Hexanone) | 2015/11/30 | NC | | % | 25 |
| | | | Methyl t-butyl ether (MTBE) | 2015/11/30 | NC | | % | 25 |
| | | | Ethyl Acetate | 2015/11/30 | 19 | | % | 25 |
| | | | 1,1-Dichloroethylene | 2015/11/30 | 7.8 | | % | 25 |
| | | | cis-1,2-Dichloroethylene | 2015/11/30 | NC | | % | 25 |
| | | | trans-1,2-Dichloroethylene | 2015/11/30 | NC | | % | 25 |
| | | | Methylene Chloride(Dichloromethane) | 2015/11/30 | 13 | | % | 25 |
| | | | Chloroform | 2015/11/30 | NC | | % | 25 |
| | | | Carbon Tetrachloride | 2015/11/30 | NC | | % | 25 |
| | | | 1,1-Dichloroethane | 2015/11/30 | NC | | % | 25 |



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | 1,2-Dichloroethane | 2015/11/30 | NC | | % | 25 |
| | | | Ethylene Dibromide | 2015/11/30 | NC | | % | 25 |
| | | | 1,1,1-Trichloroethane | 2015/11/30 | NC | | % | 25 |
| | | | 1,1,2-Trichloroethane | 2015/11/30 | NC | | % | 25 |
| | | | 1,1,2,2-Tetrachloroethane | 2015/11/30 | NC | | % | 25 |
| | | | cis-1,3-Dichloropropene | 2015/11/30 | NC | | % | 25 |
| | | | trans-1,3-Dichloropropene | 2015/11/30 | NC | | % | 25 |
| | | | 1,2-Dichloropropane | 2015/11/30 | NC | | % | 25 |
| | | | Bromomethane | 2015/11/30 | NC | | % | 25 |
| | | | Bromoform | 2015/11/30 | NC | | % | 25 |
| | | | Bromodichloromethane | 2015/11/30 | NC | | % | 25 |
| | | | Dibromochloromethane | 2015/11/30 | NC | | % | 25 |
| | | | Trichloroethylene | 2015/11/30 | NC | | % | 25 |
| | | | Tetrachloroethylene | 2015/11/30 | 2.4 | | % | 25 |
| | | | Benzene | 2015/11/30 | 5.1 | | % | 25 |
| | | | Toluene | 2015/11/30 | 5.5 | | % | 25 |
| | | | Ethylbenzene | 2015/11/30 | 5.0 | | % | 25 |
| | | | p+m-Xylene | 2015/11/30 | 5.3 | | % | 25 |
| | | | o-Xylene | 2015/11/30 | 6.5 | | % | 25 |
| | | | Styrene | 2015/11/30 | 0.86 | | % | 25 |
| | | | 4-ethyltoluene | 2015/11/30 | 2.3 | | % | 25 |
| | | | 1,3,5-Trimethylbenzene | 2015/11/30 | 3.6 | | % | 25 |
| | | | 1,2,4-Trimethylbenzene | 2015/11/30 | 3.1 | | % | 25 |
| | | | Chlorobenzene | 2015/11/30 | NC | | % | 25 |
| | | | Benzyl chloride | 2015/11/30 | NC | | % | 25 |
| | | | 1,3-Dichlorobenzene | 2015/11/30 | NC | | % | 25 |
| | | | 1,4-Dichlorobenzene | 2015/11/30 | NC | | % | 25 |
| | | | 1,2-Dichlorobenzene | 2015/11/30 | NC | | % | 25 |
| | | | 1,2,4-Trichlorobenzene | 2015/11/30 | NC | | % | 25 |
| | | | Hexachlorobutadiene | 2015/11/30 | NC | | % | 25 |
| | | | Hexane | 2015/11/30 | 5.5 | | % | 25 |
| | | | Heptane | 2015/11/30 | 14 | | % | 25 |
| | | | Cyclohexane | 2015/11/30 | 7.9 | | % | 25 |
| | | | Tetrahydrofuran | 2015/11/30 | 3.6 | | % | 25 |
| | | | 1,4-Dioxane | 2015/11/30 | NC | | % | 25 |
| | | | Naphthalene | 2015/11/30 | NC | | % | 25 |
| | | | Total Xylenes | 2015/11/30 | 5.6 | | % | 25 |
| | | | 1,1,1,2-Tetrachloroethane | 2015/11/30 | NC | | % | 25 |
| | | | Vinyl Bromide | 2015/11/30 | NC | | % | 25 |
| | | | Propene | 2015/11/30 | 15 | | % | 25 |
| | | | 2,2,4-Trimethylpentane | 2015/11/30 | 6.7 | | % | 25 |
| | | | Carbon Disulfide | 2015/11/30 | NC | | % | 25 |
| | | | Vinyl Acetate | 2015/11/30 | NC | | % | 25 |
| 4293803 | LSY | Spiked Blank | Bromochloromethane | 2015/11/30 | | 98 | % | 60 - 140 |
| | | | D5-Chlorobenzene | 2015/11/30 | | 99 | % | 60 - 140 |
| | | | Difluorobenzene | 2015/11/30 | | 99 | % | 60 - 140 |
| | | | Dichlorodifluoromethane (FREON 12) | 2015/11/30 | | 95 | % | 70 - 130 |
| | | | 1,2-Dichlorotetrafluoroethane | 2015/11/30 | | 88 | % | 70 - 130 |
| | | | Chloromethane | 2015/11/30 | | 98 | % | 70 - 130 |
| | | | Vinyl Chloride | 2015/11/30 | | 98 | % | 70 - 130 |
| | | | Chloroethane | 2015/11/30 | | 96 | % | 70 - 130 |
| | | | 1,3-Butadiene | 2015/11/30 | | 99 | % | 70 - 130 |



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Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Trichlorofluoromethane (FREON 11) | 2015/11/30 | | 97 | % | 70 - 130 |
| | | | Ethanol (ethyl alcohol) | 2015/11/30 | | 116 | % | 70 - 130 |
| | | | Trichlorotrifluoroethane | 2015/11/30 | | 108 | % | 70 - 130 |
| | | | 2-propanol | 2015/11/30 | | 120 | % | 70 - 130 |
| | | | 2-Propanone | 2015/11/30 | | 103 | % | 70 - 130 |
| | | | Methyl Ethyl Ketone (2-Butanone) | 2015/11/30 | | 110 | % | 70 - 130 |
| | | | Methyl Isobutyl Ketone | 2015/11/30 | | 102 | % | 70 - 130 |
| | | | Methyl Butyl Ketone (2-Hexanone) | 2015/11/30 | | 108 | % | 70 - 130 |
| | | | Methyl t-butyl ether (MTBE) | 2015/11/30 | | 107 | % | 70 - 130 |
| | | | Ethyl Acetate | 2015/11/30 | | 107 | % | 70 - 130 |
| | | | 1,1-Dichloroethylene | 2015/11/30 | | 105 | % | 70 - 130 |
| | | | cis-1,2-Dichloroethylene | 2015/11/30 | | 103 | % | 70 - 130 |
| | | | trans-1,2-Dichloroethylene | 2015/11/30 | | 107 | % | 70 - 130 |
| | | | Methylene Chloride(Dichloromethane) | 2015/11/30 | | 101 | % | 70 - 130 |
| | | | Chloroform | 2015/11/30 | | 100 | % | 70 - 130 |
| | | | Carbon Tetrachloride | 2015/11/30 | | 88 | % | 70 - 130 |
| | | | 1,1-Dichloroethane | 2015/11/30 | | 99 | % | 70 - 130 |
| | | | 1,2-Dichloroethane | 2015/11/30 | | 100 | % | 70 - 130 |
| | | | Ethylene Dibromide | 2015/11/30 | | 104 | % | 70 - 130 |
| | | | 1,1,1-Trichloroethane | 2015/11/30 | | 98 | % | 70 - 130 |
| | | | 1,1,2-Trichloroethane | 2015/11/30 | | 104 | % | 70 - 130 |
| | | | 1,1,2,2-Tetrachloroethane | 2015/11/30 | | 105 | % | 70 - 130 |
| | | | cis-1,3-Dichloropropene | 2015/11/30 | | 111 | % | 70 - 130 |
| | | | trans-1,3-Dichloropropene | 2015/11/30 | | 104 | % | 70 - 130 |
| | | | 1,2-Dichloropropane | 2015/11/30 | | 102 | % | 70 - 130 |
| | | | Bromomethane | 2015/11/30 | | 103 | % | 70 - 130 |
| | | | Bromoform | 2015/11/30 | | 109 | % | 70 - 130 |
| | | | Bromodichloromethane | 2015/11/30 | | 103 | % | 70 - 130 |
| | | | Dibromochloromethane | 2015/11/30 | | 112 | % | 70 - 130 |
| | | | Trichloroethylene | 2015/11/30 | | 104 | % | 70 - 130 |
| | | | Tetrachloroethylene | 2015/11/30 | | 104 | % | 70 - 130 |
| | | | Benzene | 2015/11/30 | | 104 | % | 70 - 130 |
| | | | Toluene | 2015/11/30 | | 109 | % | 70 - 130 |
| | | | Ethylbenzene | 2015/11/30 | | 108 | % | 70 - 130 |
| | | | p+m-Xylene | 2015/11/30 | | 105 | % | 70 - 130 |
| | | | o-Xylene | 2015/11/30 | | 108 | % | 70 - 130 |
| | | | Styrene | 2015/11/30 | | 107 | % | 70 - 130 |
| | | | 4-ethyltoluene | 2015/11/30 | | 109 | % | 70 - 130 |
| | | | 1,3,5-Trimethylbenzene | 2015/11/30 | | 106 | % | 70 - 130 |
| | | | 1,2,4-Trimethylbenzene | 2015/11/30 | | 107 | % | 70 - 130 |
| | | | Chlorobenzene | 2015/11/30 | | 108 | % | 70 - 130 |
| | | | Benzyl chloride | 2015/11/30 | | 110 | % | 70 - 130 |
| | | | 1,3-Dichlorobenzene | 2015/11/30 | | 107 | % | 70 - 130 |
| | | | 1,4-Dichlorobenzene | 2015/11/30 | | 102 | % | 70 - 130 |
| | | | 1,2-Dichlorobenzene | 2015/11/30 | | 104 | % | 70 - 130 |
| | | | 1,2,4-Trichlorobenzene | 2015/11/30 | | 101 | % | 70 - 130 |
| | | | Hexachlorobutadiene | 2015/11/30 | | 101 | % | 70 - 130 |
| | | | Hexane | 2015/11/30 | | 102 | % | 70 - 130 |
| | | | Heptane | 2015/11/30 | | 106 | % | 70 - 130 |
| | | | Cyclohexane | 2015/11/30 | | 105 | % | 70 - 130 |
| | | | Tetrahydrofuran | 2015/11/30 | | 106 | % | 70 - 130 |
| | | | 1,4-Dioxane | 2015/11/30 | | 104 | % | 70 - 130 |



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Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Naphthalene | 2015/11/30 | | 103 | % | 70 - 130 |
| | | | Total Xylenes | 2015/11/30 | | 106 | % | 70 - 130 |
| | | | Vinyl Bromide | 2015/11/30 | | 97 | % | 70 - 130 |
| | | | Propene | 2015/11/30 | | 114 | % | 70 - 130 |
| | | | 2,2,4-Trimethylpentane | 2015/11/30 | | 108 | % | 70 - 130 |
| | | | Carbon Disulfide | 2015/11/30 | | 115 | % | 70 - 130 |
| | | | Vinyl Acetate | 2015/11/30 | | 102 | % | 70 - 130 |
| 4293803 | LSY | Method Blank | Bromochloromethane | 2015/11/30 | | 90 | % | 60 - 140 |
| | | | D5-Chlorobenzene | 2015/11/30 | | 90 | % | 60 - 140 |
| | | | Difluorobenzene | 2015/11/30 | | 92 | % | 60 - 140 |
| | | | Dichlorodifluoromethane (FREON 12) | 2015/11/30 | <0.20 | | ppbv | |
| | | | 1,2-Dichlorotetrafluoroethane | 2015/11/30 | <0.17 | | ppbv | |
| | | | Chloromethane | 2015/11/30 | <0.30 | | ppbv | |
| | | | Vinyl Chloride | 2015/11/30 | <0.10 | | ppbv | |
| | | | Chloroethane | 2015/11/30 | <0.30 | | ppbv | |
| | | | 1,3-Butadiene | 2015/11/30 | <0.50 | | ppbv | |
| | | | Trichlorofluoromethane (FREON 11) | 2015/11/30 | <0.20 | | ppbv | |
| | | | Ethanol (ethyl alcohol) | 2015/11/30 | <1.0 | | ppbv | |
| | | | Trichlorotrifluoroethane | 2015/11/30 | <0.15 | | ppbv | |
| | | | 2-propanol | 2015/11/30 | <1.0 | | ppbv | |
| | | | 2-Propanone | 2015/11/30 | <0.80 | | ppbv | |
| | | | Methyl Ethyl Ketone (2-Butanone) | 2015/11/30 | <1.0 | | ppbv | |
| | | | Methyl Isobutyl Ketone | 2015/11/30 | <1.0 | | ppbv | |
| | | | Methyl Butyl Ketone (2-Hexanone) | 2015/11/30 | <1.0 | | ppbv | |
| | | | Methyl t-butyl ether (MTBE) | 2015/11/30 | <0.20 | | ppbv | |
| | | | Ethyl Acetate | 2015/11/30 | <1.0 | | ppbv | |
| | | | 1,1-Dichloroethylene | 2015/11/30 | <0.10 | | ppbv | |
| | | | cis-1,2-Dichloroethylene | 2015/11/30 | <0.10 | | ppbv | |
| | | | trans-1,2-Dichloroethylene | 2015/11/30 | <0.10 | | ppbv | |
| | | | Methylene Chloride(Dichloromethane) | 2015/11/30 | <0.80 | | ppbv | |
| | | | Chloroform | 2015/11/30 | <0.10 | | ppbv | |
| | | | Carbon Tetrachloride | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,1-Dichloroethane | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,2-Dichloroethane | 2015/11/30 | <0.10 | | ppbv | |
| | | | Ethylene Dibromide | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,1,1-Trichloroethane | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,1,2-Trichloroethane | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,1,2,2-Tetrachloroethane | 2015/11/30 | <0.10 | | ppbv | |
| | | | cis-1,3-Dichloropropene | 2015/11/30 | <0.10 | | ppbv | |
| | | | trans-1,3-Dichloropropene | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,2-Dichloropropane | 2015/11/30 | <0.10 | | ppbv | |
| | | | Bromomethane | 2015/11/30 | <0.10 | | ppbv | |
| | | | Bromoform | 2015/11/30 | <0.20 | | ppbv | |
| | | | Bromodichloromethane | 2015/11/30 | <0.20 | | ppbv | |
| | | | Dibromochloromethane | 2015/11/30 | <0.20 | | ppbv | |
| | | | Trichloroethylene | 2015/11/30 | <0.10 | | ppbv | |
| | | | Tetrachloroethylene | 2015/11/30 | <0.10 | | ppbv | |
| | | | Benzene | 2015/11/30 | <0.10 | | ppbv | |
| | | | Toluene | 2015/11/30 | <0.10 | | ppbv | |
| | | | Ethylbenzene | 2015/11/30 | <0.10 | | ppbv | |
| | | | p+m-Xylene | 2015/11/30 | <0.20 | | ppbv | |
| | | | o-Xylene | 2015/11/30 | <0.10 | | ppbv | |



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Eastmount Environmental Services
Client Project #: 15-098
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Sampler Initials: AS

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Styrene | 2015/11/30 | <0.10 | | ppbv | |
| | | | 4-ethyltoluene | 2015/11/30 | <0.50 | | ppbv | |
| | | | 1,3,5-Trimethylbenzene | 2015/11/30 | <0.50 | | ppbv | |
| | | | 1,2,4-Trimethylbenzene | 2015/11/30 | <0.50 | | ppbv | |
| | | | Chlorobenzene | 2015/11/30 | <0.10 | | ppbv | |
| | | | Benzyl chloride | 2015/11/30 | <0.50 | | ppbv | |
| | | | 1,3-Dichlorobenzene | 2015/11/30 | <0.40 | | ppbv | |
| | | | 1,4-Dichlorobenzene | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,2-Dichlorobenzene | 2015/11/30 | <0.10 | | ppbv | |
| | | | 1,2,4-Trichlorobenzene | 2015/11/30 | <0.50 | | ppbv | |
| | | | Hexachlorobutadiene | 2015/11/30 | <0.50 | | ppbv | |
| | | | Hexane | 2015/11/30 | <0.30 | | ppbv | |
| | | | Heptane | 2015/11/30 | <0.30 | | ppbv | |
| | | | Cyclohexane | 2015/11/30 | <0.20 | | ppbv | |
| | | | Tetrahydrofuran | 2015/11/30 | <0.40 | | ppbv | |
| | | | 1,4-Dioxane | 2015/11/30 | <1.0 | | ppbv | |
| | | | Naphthalene | 2015/11/30 | <0.50 | | ppbv | |
| | | | Total Xylenes | 2015/11/30 | <0.30 | | ppbv | |
| | | | 1,1,1,2-Tetrachloroethane | 2015/11/30 | <0.10 | | ppbv | |
| | | | Vinyl Bromide | 2015/11/30 | <0.20 | | ppbv | |
| | | | Propene | 2015/11/30 | <0.50 | | ppbv | |
| | | | 2,2,4-Trimethylpentane | 2015/11/30 | <0.20 | | ppbv | |
| | | | Carbon Disulfide | 2015/11/30 | <0.50 | | ppbv | |
| | | | Vinyl Acetate | 2015/11/30 | <0.20 | | ppbv | |
| 4293803 | LSY | RPD - Sample/Sample Dup | Vinyl Chloride | 2015/11/30 | NC | | % | 25 |
| | | | 1,1-Dichloroethylene | 2015/11/30 | NC | | % | 25 |
| | | | Chloroform | 2015/11/30 | NC | | % | 25 |
| | | | Carbon Tetrachloride | 2015/11/30 | NC | | % | 25 |
| | | | 1,1-Dichloroethane | 2015/11/30 | NC | | % | 25 |
| | | | 1,2-Dichloroethane | 2015/11/30 | NC | | % | 25 |
| | | | 1,1,1-Trichloroethane | 2015/11/30 | NC | | % | 25 |
| | | | 1,1,2-Trichloroethane | 2015/11/30 | NC | | % | 25 |
| | | | 1,1,2,2-Tetrachloroethane | 2015/11/30 | NC | | % | 25 |
| | | | 1,2-Dichloropropane | 2015/11/30 | NC | | % | 25 |
| | | | Trichloroethylene | 2015/11/30 | NC | | % | 25 |
| | | | Tetrachloroethylene | 2015/11/30 | NC | | % | 25 |
| | | | Benzene | 2015/11/30 | NC | | % | 25 |
| | | | Toluene | 2015/11/30 | 1.8 | | % | 25 |
| | | | Ethylbenzene | 2015/11/30 | NC | | % | 25 |
| 4297438 | LSY | Spiked Blank | Bromochloromethane | 2015/12/01 | | 101 | % | 60 - 140 |
| | | | D5-Chlorobenzene | 2015/12/01 | | 102 | % | 60 - 140 |
| | | | Difluorobenzene | 2015/12/01 | | 102 | % | 60 - 140 |
| | | | Dichlorodifluoromethane (FREON 12) | 2015/12/01 | | 91 | % | 70 - 130 |
| | | | 1,2-Dichlorotetrafluoroethane | 2015/12/01 | | 84 | % | 70 - 130 |
| | | | Chloromethane | 2015/12/01 | | 93 | % | 70 - 130 |
| | | | Vinyl Chloride | 2015/12/01 | | 94 | % | 70 - 130 |
| | | | Chloroethane | 2015/12/01 | | 91 | % | 70 - 130 |
| | | | 1,3-Butadiene | 2015/12/01 | | 93 | % | 70 - 130 |
| | | | Trichlorofluoromethane (FREON 11) | 2015/12/01 | | 92 | % | 70 - 130 |
| | | | Ethanol (ethyl alcohol) | 2015/12/01 | | 111 | % | 70 - 130 |
| | | | Trichlorotrifluoroethane | 2015/12/01 | | 104 | % | 70 - 130 |
| | | | 2-propanol | 2015/12/01 | | 114 | % | 70 - 130 |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | 2-Propanone | 2015/12/01 | | 97 | % | 70 - 130 |
| | | | Methyl Ethyl Ketone (2-Butanone) | 2015/12/01 | | 104 | % | 70 - 130 |
| | | | Methyl Isobutyl Ketone | 2015/12/01 | | 98 | % | 70 - 130 |
| | | | Methyl Butyl Ketone (2-Hexanone) | 2015/12/01 | | 104 | % | 70 - 130 |
| | | | Methyl t-butyl ether (MTBE) | 2015/12/01 | | 101 | % | 70 - 130 |
| | | | Ethyl Acetate | 2015/12/01 | | 102 | % | 70 - 130 |
| | | | 1,1-Dichloroethylene | 2015/12/01 | | 101 | % | 70 - 130 |
| | | | cis-1,2-Dichloroethylene | 2015/12/01 | | 98 | % | 70 - 130 |
| | | | trans-1,2-Dichloroethylene | 2015/12/01 | | 101 | % | 70 - 130 |
| | | | Methylene Chloride(Dichloromethane) | 2015/12/01 | | 96 | % | 70 - 130 |
| | | | Chloroform | 2015/12/01 | | 96 | % | 70 - 130 |
| | | | Carbon Tetrachloride | 2015/12/01 | | 83 | % | 70 - 130 |
| | | | 1,1-Dichloroethane | 2015/12/01 | | 94 | % | 70 - 130 |
| | | | 1,2-Dichloroethane | 2015/12/01 | | 95 | % | 70 - 130 |
| | | | Ethylene Dibromide | 2015/12/01 | | 101 | % | 70 - 130 |
| | | | 1,1,1-Trichloroethane | 2015/12/01 | | 92 | % | 70 - 130 |
| | | | 1,1,2-Trichloroethane | 2015/12/01 | | 103 | % | 70 - 130 |
| | | | 1,1,2,2-Tetrachloroethane | 2015/12/01 | | 102 | % | 70 - 130 |
| | | | cis-1,3-Dichloropropene | 2015/12/01 | | 107 | % | 70 - 130 |
| | | | trans-1,3-Dichloropropene | 2015/12/01 | | 99 | % | 70 - 130 |
| | | | 1,2-Dichloropropane | 2015/12/01 | | 98 | % | 70 - 130 |
| | | | Bromomethane | 2015/12/01 | | 98 | % | 70 - 130 |
| | | | Bromoform | 2015/12/01 | | 104 | % | 70 - 130 |
| | | | Bromodichloromethane | 2015/12/01 | | 98 | % | 70 - 130 |
| | | | Dibromochloromethane | 2015/12/01 | | 107 | % | 70 - 130 |
| | | | Trichloroethylene | 2015/12/01 | | 101 | % | 70 - 130 |
| | | | Tetrachloroethylene | 2015/12/01 | | 103 | % | 70 - 130 |
| | | | Benzene | 2015/12/01 | | 100 | % | 70 - 130 |
| | | | Toluene | 2015/12/01 | | 105 | % | 70 - 130 |
| | | | Ethylbenzene | 2015/12/01 | | 104 | % | 70 - 130 |
| | | | p+m-Xylene | 2015/12/01 | | 101 | % | 70 - 130 |
| | | | o-Xylene | 2015/12/01 | | 104 | % | 70 - 130 |
| | | | Styrene | 2015/12/01 | | 102 | % | 70 - 130 |
| | | | 4-ethyltoluene | 2015/12/01 | | 104 | % | 70 - 130 |
| | | | 1,3,5-Trimethylbenzene | 2015/12/01 | | 101 | % | 70 - 130 |
| | | | 1,2,4-Trimethylbenzene | 2015/12/01 | | 102 | % | 70 - 130 |
| | | | Chlorobenzene | 2015/12/01 | | 104 | % | 70 - 130 |
| | | | Benzyl chloride | 2015/12/01 | | 104 | % | 70 - 130 |
| | | | 1,3-Dichlorobenzene | 2015/12/01 | | 104 | % | 70 - 130 |
| | | | 1,4-Dichlorobenzene | 2015/12/01 | | 100 | % | 70 - 130 |
| | | | 1,2-Dichlorobenzene | 2015/12/01 | | 101 | % | 70 - 130 |
| | | | 1,2,4-Trichlorobenzene | 2015/12/01 | | 102 | % | 70 - 130 |
| | | | Hexachlorobutadiene | 2015/12/01 | | 101 | % | 70 - 130 |
| | | | Hexane | 2015/12/01 | | 96 | % | 70 - 130 |
| | | | Heptane | 2015/12/01 | | 100 | % | 70 - 130 |
| | | | Cyclohexane | 2015/12/01 | | 100 | % | 70 - 130 |
| | | | Tetrahydrofuran | 2015/12/01 | | 101 | % | 70 - 130 |
| | | | 1,4-Dioxane | 2015/12/01 | | 102 | % | 70 - 130 |
| | | | Naphthalene | 2015/12/01 | | 102 | % | 70 - 130 |
| | | | Total Xylenes | 2015/12/01 | | 102 | % | 70 - 130 |
| | | | Vinyl Bromide | 2015/12/01 | | 93 | % | 70 - 130 |
| | | | Propene | 2015/12/01 | | 107 | % | 70 - 130 |



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | 2,2,4-Trimethylpentane | 2015/12/01 | | 105 | % | 70 - 130 |
| | | | Carbon Disulfide | 2015/12/01 | | 109 | % | 70 - 130 |
| | | | Vinyl Acetate | 2015/12/01 | | 96 | % | 70 - 130 |
| 4297438 | LSY | Method Blank | Bromochloromethane | 2015/12/01 | | 91 | % | 60 - 140 |
| | | | D5-Chlorobenzene | 2015/12/01 | | 90 | % | 60 - 140 |
| | | | Difluorobenzene | 2015/12/01 | | 93 | % | 60 - 140 |
| | | | Dichlorodifluoromethane (FREON 12) | 2015/12/01 | <0.20 | | ppbv | |
| | | | 1,2-Dichlorotetrafluoroethane | 2015/12/01 | <0.17 | | ppbv | |
| | | | Chloromethane | 2015/12/01 | <0.30 | | ppbv | |
| | | | Vinyl Chloride | 2015/12/01 | <0.10 | | ppbv | |
| | | | Chloroethane | 2015/12/01 | <0.30 | | ppbv | |
| | | | 1,3-Butadiene | 2015/12/01 | <0.50 | | ppbv | |
| | | | Trichlorofluoromethane (FREON 11) | 2015/12/01 | <0.20 | | ppbv | |
| | | | Ethanol (ethyl alcohol) | 2015/12/01 | <1.0 | | ppbv | |
| | | | Trichlorotrifluoroethane | 2015/12/01 | <0.15 | | ppbv | |
| | | | 2-propanol | 2015/12/01 | <1.0 | | ppbv | |
| | | | 2-Propanone | 2015/12/01 | <0.80 | | ppbv | |
| | | | Methyl Ethyl Ketone (2-Butanone) | 2015/12/01 | <1.0 | | ppbv | |
| | | | Methyl Isobutyl Ketone | 2015/12/01 | <1.0 | | ppbv | |
| | | | Methyl Butyl Ketone (2-Hexanone) | 2015/12/01 | <1.0 | | ppbv | |
| | | | Methyl t-butyl ether (MTBE) | 2015/12/01 | <0.20 | | ppbv | |
| | | | Ethyl Acetate | 2015/12/01 | <1.0 | | ppbv | |
| | | | 1,1-Dichloroethylene | 2015/12/01 | <0.10 | | ppbv | |
| | | | cis-1,2-Dichloroethylene | 2015/12/01 | <0.10 | | ppbv | |
| | | | trans-1,2-Dichloroethylene | 2015/12/01 | <0.10 | | ppbv | |
| | | | Methylene Chloride(Dichloromethane) | 2015/12/01 | <0.80 | | ppbv | |
| | | | Chloroform | 2015/12/01 | <0.10 | | ppbv | |
| | | | Carbon Tetrachloride | 2015/12/01 | <0.10 | | ppbv | |
| | | | 1,1-Dichloroethane | 2015/12/01 | <0.10 | | ppbv | |
| | | | 1,2-Dichloroethane | 2015/12/01 | <0.10 | | ppbv | |
| | | | Ethylene Dibromide | 2015/12/01 | <0.10 | | ppbv | |
| | | | 1,1,1-Trichloroethane | 2015/12/01 | <0.10 | | ppbv | |
| | | | 1,1,2-Trichloroethane | 2015/12/01 | <0.10 | | ppbv | |
| | | | 1,1,2,2-Tetrachloroethane | 2015/12/01 | <0.10 | | ppbv | |
| | | | cis-1,3-Dichloropropene | 2015/12/01 | <0.10 | | ppbv | |
| | | | trans-1,3-Dichloropropene | 2015/12/01 | <0.10 | | ppbv | |
| | | | 1,2-Dichloropropane | 2015/12/01 | <0.10 | | ppbv | |
| | | | Bromomethane | 2015/12/01 | <0.10 | | ppbv | |
| | | | Bromoform | 2015/12/01 | <0.20 | | ppbv | |
| | | | Bromodichloromethane | 2015/12/01 | <0.20 | | ppbv | |
| | | | Dibromochloromethane | 2015/12/01 | <0.20 | | ppbv | |
| | | | Trichloroethylene | 2015/12/01 | <0.10 | | ppbv | |
| | | | Tetrachloroethylene | 2015/12/01 | <0.10 | | ppbv | |
| | | | Benzene | 2015/12/01 | <0.10 | | ppbv | |
| | | | Toluene | 2015/12/01 | <0.10 | | ppbv | |
| | | | Ethylbenzene | 2015/12/01 | <0.10 | | ppbv | |
| | | | p+m-Xylene | 2015/12/01 | <0.20 | | ppbv | |
| | | | o-Xylene | 2015/12/01 | <0.10 | | ppbv | |
| | | | Styrene | 2015/12/01 | <0.10 | | ppbv | |
| | | | 4-ethyltoluene | 2015/12/01 | <0.50 | | ppbv | |
| | | | 1,3,5-Trimethylbenzene | 2015/12/01 | <0.50 | | ppbv | |
| | | | 1,2,4-Trimethylbenzene | 2015/12/01 | <0.50 | | ppbv | |



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Chlorobenzene | 2015/12/01 | <0.10 | | ppbv | |
| | | | Benzyl chloride | 2015/12/01 | <0.50 | | ppbv | |
| | | | 1,3-Dichlorobenzene | 2015/12/01 | <0.40 | | ppbv | |
| | | | 1,4-Dichlorobenzene | 2015/12/01 | <0.10 | | ppbv | |
| | | | 1,2-Dichlorobenzene | 2015/12/01 | <0.10 | | ppbv | |
| | | | 1,2,4-Trichlorobenzene | 2015/12/01 | <0.50 | | ppbv | |
| | | | Hexachlorobutadiene | 2015/12/01 | <0.50 | | ppbv | |
| | | | Hexane | 2015/12/01 | <0.30 | | ppbv | |
| | | | Heptane | 2015/12/01 | <0.30 | | ppbv | |
| | | | Cyclohexane | 2015/12/01 | <0.20 | | ppbv | |
| | | | Tetrahydrofuran | 2015/12/01 | <0.40 | | ppbv | |
| | | | 1,4-Dioxane | 2015/12/01 | <1.0 | | ppbv | |
| | | | Naphthalene | 2015/12/01 | <0.50 | | ppbv | |
| | | | Total Xylenes | 2015/12/01 | <0.30 | | ppbv | |
| | | | 1,1,1,2-Tetrachloroethane | 2015/12/01 | <0.10 | | ppbv | |
| | | | Vinyl Bromide | 2015/12/01 | <0.20 | | ppbv | |
| | | | Propene | 2015/12/01 | <0.50 | | ppbv | |
| | | | 2,2,4-Trimethylpentane | 2015/12/01 | <0.20 | | ppbv | |
| | | | Carbon Disulfide | 2015/12/01 | <0.50 | | ppbv | |
| | | | Vinyl Acetate | 2015/12/01 | <0.20 | | ppbv | |
| 4297438 | LSY | RPD - Sample/Sample Dup | Dichlorodifluoromethane (FREON 12) | 2015/12/01 | NC | | % | 25 |
| | | | 1,2-Dichlorotetrafluoroethane | 2015/12/01 | NC | | % | 25 |
| | | | Chloromethane | 2015/12/01 | NC | | % | 25 |
| | | | Vinyl Chloride | 2015/12/01 | NC | | % | 25 |
| | | | Chloroethane | 2015/12/01 | NC | | % | 25 |
| | | | 1,3-Butadiene | 2015/12/01 | NC | | % | 25 |
| | | | Trichlorofluoromethane (FREON 11) | 2015/12/01 | NC | | % | 25 |
| | | | Ethanol (ethyl alcohol) | 2015/12/01 | 1.7 | | % | 25 |
| | | | Trichlorotrifluoroethane | 2015/12/01 | NC | | % | 25 |
| | | | 2-propanol | 2015/12/01 | 0.67 | | % | 25 |
| | | | 2-Propanone | 2015/12/01 | 2.3 | | % | 25 |
| | | | Methyl Ethyl Ketone (2-Butanone) | 2015/12/01 | 0.24 | | % | 25 |
| | | | Methyl Isobutyl Ketone | 2015/12/01 | 0.31 | | % | 25 |
| | | | Methyl Butyl Ketone (2-Hexanone) | 2015/12/01 | NC | | % | 25 |
| | | | Methyl t-butyl ether (MTBE) | 2015/12/01 | NC | | % | 25 |
| | | | Ethyl Acetate | 2015/12/01 | NC | | % | 25 |
| | | | 1,1-Dichloroethylene | 2015/12/01 | NC | | % | 25 |
| | | | cis-1,2-Dichloroethylene | 2015/12/01 | NC | | % | 25 |
| | | | trans-1,2-Dichloroethylene | 2015/12/01 | NC | | % | 25 |
| | | | Methylene Chloride(Dichloromethane) | 2015/12/01 | NC | | % | 25 |
| | | | Chloroform | 2015/12/01 | NC | | % | 25 |
| | | | Carbon Tetrachloride | 2015/12/01 | NC | | % | 25 |
| | | | 1,1-Dichloroethane | 2015/12/01 | NC | | % | 25 |
| | | | 1,2-Dichloroethane | 2015/12/01 | NC | | % | 25 |
| | | | Ethylene Dibromide | 2015/12/01 | NC | | % | 25 |
| | | | 1,1,1-Trichloroethane | 2015/12/01 | 1.5 | | % | 25 |
| | | | 1,1,2-Trichloroethane | 2015/12/01 | NC | | % | 25 |
| | | | 1,1,2,2-Tetrachloroethane | 2015/12/01 | NC | | % | 25 |
| | | | cis-1,3-Dichloropropene | 2015/12/01 | NC | | % | 25 |
| | | | trans-1,3-Dichloropropene | 2015/12/01 | NC | | % | 25 |
| | | | 1,2-Dichloropropane | 2015/12/01 | NC | | % | 25 |
| | | | Bromomethane | 2015/12/01 | NC | | % | 25 |



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Bromoform | 2015/12/01 | NC | | % | 25 |
| | | | Bromodichloromethane | 2015/12/01 | NC | | % | 25 |
| | | | Dibromochloromethane | 2015/12/01 | NC | | % | 25 |
| | | | Trichloroethylene | 2015/12/01 | 0.94 | | % | 25 |
| | | | Tetrachloroethylene | 2015/12/01 | 1.1 | | % | 25 |
| | | | Benzene | 2015/12/01 | NC | | % | 25 |
| | | | Toluene | 2015/12/01 | 0.45 | | % | 25 |
| | | | Ethylbenzene | 2015/12/01 | 0.22 | | % | 25 |
| | | | p+m-Xylene | 2015/12/01 | 0.91 | | % | 25 |
| | | | o-Xylene | 2015/12/01 | 0.82 | | % | 25 |
| | | | Styrene | 2015/12/01 | 0.71 | | % | 25 |
| | | | 4-ethyltoluene | 2015/12/01 | 0.29 | | % | 25 |
| | | | 1,3,5-Trimethylbenzene | 2015/12/01 | 0.75 | | % | 25 |
| | | | 1,2,4-Trimethylbenzene | 2015/12/01 | 0.22 | | % | 25 |
| | | | Chlorobenzene | 2015/12/01 | NC | | % | 25 |
| | | | Benzyl chloride | 2015/12/01 | NC | | % | 25 |
| | | | 1,3-Dichlorobenzene | 2015/12/01 | NC | | % | 25 |
| | | | 1,4-Dichlorobenzene | 2015/12/01 | 2.4 | | % | 25 |
| | | | 1,2-Dichlorobenzene | 2015/12/01 | 1.4 | | % | 25 |
| | | | 1,2,4-Trichlorobenzene | 2015/12/01 | NC | | % | 25 |
| | | | Hexachlorobutadiene | 2015/12/01 | NC | | % | 25 |
| | | | Hexane | 2015/12/01 | 0.79 | | % | 25 |
| | | | Heptane | 2015/12/01 | 0.0012 | | % | 25 |
| | | | Cyclohexane | 2015/12/01 | 0.19 | | % | 25 |
| | | | Tetrahydrofuran | 2015/12/01 | 0.58 | | % | 25 |
| | | | 1,4-Dioxane | 2015/12/01 | NC | | % | 25 |
| | | | Naphthalene | 2015/12/01 | 8.1 | | % | 25 |
| | | | Total Xylenes | 2015/12/01 | 0.89 | | % | 25 |
| | | | 1,1,1,2-Tetrachloroethane | 2015/12/01 | NC | | % | 25 |
| | | | Vinyl Bromide | 2015/12/01 | NC | | % | 25 |
| | | | Propene | 2015/12/01 | NC | | % | 25 |
| | | | 2,2,4-Trimethylpentane | 2015/12/01 | 1.1 | | % | 25 |
| | | | Carbon Disulfide | 2015/12/01 | NC | | % | 25 |
| | | | Vinyl Acetate | 2015/12/01 | NC | | % | 25 |
| 4297482 | DVO | Spiked Blank | Bromochloromethane | 2015/12/01 | | 99 | % | 60 - 140 |
| | | | D5-Chlorobenzene | 2015/12/01 | | 97 | % | 60 - 140 |
| | | | Difluorobenzene | 2015/12/01 | | 100 | % | 60 - 140 |
| | | | Dichlorodifluoromethane (FREON 12) | 2015/12/01 | | 94 | % | 70 - 130 |
| | | | 1,2-Dichlorotetrafluoroethane | 2015/12/01 | | 73 | % | 70 - 130 |
| | | | Chloromethane | 2015/12/01 | | 81 | % | 70 - 130 |
| | | | Vinyl Chloride | 2015/12/01 | | 81 | % | 70 - 130 |
| | | | Chloroethane | 2015/12/01 | | 77 | % | 70 - 130 |
| | | | 1,3-Butadiene | 2015/12/01 | | 83 | % | 70 - 130 |
| | | | Trichlorofluoromethane (FREON 11) | 2015/12/01 | | 79 | % | 70 - 130 |
| | | | Ethanol (ethyl alcohol) | 2015/12/01 | | 104 | % | 70 - 130 |
| | | | Trichlorotrifluoroethane | 2015/12/01 | | 97 | % | 70 - 130 |
| | | | 2-propanol | 2015/12/01 | | 102 | % | 70 - 130 |
| | | | 2-Propanone | 2015/12/01 | | 92 | % | 70 - 130 |
| | | | Methyl Ethyl Ketone (2-Butanone) | 2015/12/01 | | 95 | % | 70 - 130 |
| | | | Methyl Isobutyl Ketone | 2015/12/01 | | 102 | % | 70 - 130 |
| | | | Methyl Butyl Ketone (2-Hexanone) | 2015/12/01 | | 106 | % | 70 - 130 |
| | | | Methyl t-butyl ether (MTBE) | 2015/12/01 | | 99 | % | 70 - 130 |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Ethyl Acetate | 2015/12/01 | | 110 | % | 70 - 130 |
| | | | 1,1-Dichloroethylene | 2015/12/01 | | 97 | % | 70 - 130 |
| | | | cis-1,2-Dichloroethylene | 2015/12/01 | | 102 | % | 70 - 130 |
| | | | trans-1,2-Dichloroethylene | 2015/12/01 | | 105 | % | 70 - 130 |
| | | | Methylene Chloride(Dichloromethane) | 2015/12/01 | | 107 | % | 70 - 130 |
| | | | Chloroform | 2015/12/01 | | 92 | % | 70 - 130 |
| | | | Carbon Tetrachloride | 2015/12/01 | | 69 (1) | % | 70 - 130 |
| | | | 1,1-Dichloroethane | 2015/12/01 | | 97 | % | 70 - 130 |
| | | | 1,2-Dichloroethane | 2015/12/01 | | 86 | % | 70 - 130 |
| | | | Ethylene Dibromide | 2015/12/01 | | 96 | % | 70 - 130 |
| | | | 1,1,1-Trichloroethane | 2015/12/01 | | 81 | % | 70 - 130 |
| | | | 1,1,2-Trichloroethane | 2015/12/01 | | 103 | % | 70 - 130 |
| | | | 1,1,2,2-Tetrachloroethane | 2015/12/01 | | 100 | % | 70 - 130 |
| | | | cis-1,3-Dichloropropene | 2015/12/01 | | 104 | % | 70 - 130 |
| | | | trans-1,3-Dichloropropene | 2015/12/01 | | 96 | % | 70 - 130 |
| | | | 1,2-Dichloropropane | 2015/12/01 | | 109 | % | 70 - 130 |
| | | | Bromomethane | 2015/12/01 | | 81 | % | 70 - 130 |
| | | | Bromoform | 2015/12/01 | | 85 | % | 70 - 130 |
| | | | Bromodichloromethane | 2015/12/01 | | 88 | % | 70 - 130 |
| | | | Dibromochloromethane | 2015/12/01 | | 92 | % | 70 - 130 |
| | | | Trichloroethylene | 2015/12/01 | | 93 | % | 70 - 130 |
| | | | Tetrachloroethylene | 2015/12/01 | | 94 | % | 70 - 130 |
| | | | Benzene | 2015/12/01 | | 99 | % | 70 - 130 |
| | | | Toluene | 2015/12/01 | | 103 | % | 70 - 130 |
| | | | Ethylbenzene | 2015/12/01 | | 99 | % | 70 - 130 |
| | | | p+m-Xylene | 2015/12/01 | | 93 | % | 70 - 130 |
| | | | o-Xylene | 2015/12/01 | | 94 | % | 70 - 130 |
| | | | Styrene | 2015/12/01 | | 97 | % | 70 - 130 |
| | | | 4-ethyltoluene | 2015/12/01 | | 90 | % | 70 - 130 |
| | | | 1,3,5-Trimethylbenzene | 2015/12/01 | | 90 | % | 70 - 130 |
| | | | 1,2,4-Trimethylbenzene | 2015/12/01 | | 93 | % | 70 - 130 |
| | | | Chlorobenzene | 2015/12/01 | | 97 | % | 70 - 130 |
| | | | Benzyl chloride | 2015/12/01 | | 88 | % | 70 - 130 |
| | | | 1,3-Dichlorobenzene | 2015/12/01 | | 93 | % | 70 - 130 |
| | | | 1,4-Dichlorobenzene | 2015/12/01 | | 86 | % | 70 - 130 |
| | | | 1,2-Dichlorobenzene | 2015/12/01 | | 91 | % | 70 - 130 |
| | | | 1,2,4-Trichlorobenzene | 2015/12/01 | | 79 | % | 70 - 130 |
| | | | Hexachlorobutadiene | 2015/12/01 | | 90 | % | 70 - 130 |
| | | | Hexane | 2015/12/01 | | 108 | % | 70 - 130 |
| | | | Heptane | 2015/12/01 | | 115 | % | 70 - 130 |
| | | | Cyclohexane | 2015/12/01 | | 105 | % | 70 - 130 |
| | | | Tetrahydrofuran | 2015/12/01 | | 113 | % | 70 - 130 |
| | | | 1,4-Dioxane | 2015/12/01 | | 92 | % | 70 - 130 |
| | | | Naphthalene | 2015/12/01 | | 78 | % | 70 - 130 |
| | | | Total Xylenes | 2015/12/01 | | 93 | % | 70 - 130 |
| | | | Vinyl Bromide | 2015/12/01 | | 79 | % | 70 - 130 |
| | | | Propene | 2015/12/01 | | 105 | % | 70 - 130 |
| | | | 2,2,4-Trimethylpentane | 2015/12/01 | | 114 | % | 70 - 130 |
| | | | Carbon Disulfide | 2015/12/01 | | 120 | % | 70 - 130 |
| | | | Vinyl Acetate | 2015/12/01 | | 104 | % | 70 - 130 |
| 4297482 | DVO | Method Blank | Bromochloromethane | 2015/12/01 | | 103 | % | 60 - 140 |
| | | | D5-Chlorobenzene | 2015/12/01 | | 99 | % | 60 - 140 |



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Maxxam
A Bureau Veritas Group Company

Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Difluorobenzene | 2015/12/01 | | 105 | % | 60 - 140 |
| | | | Dichlorodifluoromethane (FREON 12) | 2015/12/01 | <0.20 | | ppbv | |
| | | | 1,2-Dichlorotetrafluoroethane | 2015/12/01 | <0.17 | | ppbv | |
| | | | Chloromethane | 2015/12/01 | <0.30 | | ppbv | |
| | | | Vinyl Chloride | 2015/12/01 | <0.10 | | ppbv | |
| | | | Chloroethane | 2015/12/01 | <0.30 | | ppbv | |
| | | | 1,3-Butadiene | 2015/12/01 | <0.50 | | ppbv | |
| | | | Trichlorofluoromethane (FREON 11) | 2015/12/01 | <0.20 | | ppbv | |
| | | | Ethanol (ethyl alcohol) | 2015/12/01 | <1.0 | | ppbv | |
| | | | Trichlorotrifluoroethane | 2015/12/01 | <0.15 | | ppbv | |
| | | | 2-propanol | 2015/12/01 | <1.0 | | ppbv | |
| | | | 2-Propanone | 2015/12/01 | <0.80 | | ppbv | |
| | | | Methyl Ethyl Ketone (2-Butanone) | 2015/12/01 | <1.0 | | ppbv | |
| | | | Methyl Isobutyl Ketone | 2015/12/01 | <1.0 | | ppbv | |
| | | | Methyl Butyl Ketone (2-Hexanone) | 2015/12/01 | <1.0 | | ppbv | |
| | | | Methyl t-butyl ether (MTBE) | 2015/12/01 | <0.20 | | ppbv | |
| | | | Ethyl Acetate | 2015/12/01 | <1.0 | | ppbv | |
| | | | 1,1-Dichloroethylene | 2015/12/01 | <0.10 | | ppbv | |
| | | | cis-1,2-Dichloroethylene | 2015/12/01 | <0.10 | | ppbv | |
| | | | trans-1,2-Dichloroethylene | 2015/12/01 | <0.10 | | ppbv | |
| | | | Methylene Chloride(Dichloromethane) | 2015/12/01 | <0.80 | | ppbv | |
| | | | Chloroform | 2015/12/01 | <0.10 | | ppbv | |
| | | | Carbon Tetrachloride | 2015/12/01 | <0.10 | | ppbv | |
| | | | 1,1-Dichloroethane | 2015/12/01 | <0.10 | | ppbv | |
| | | | 1,2-Dichloroethane | 2015/12/01 | <0.10 | | ppbv | |
| | | | Ethylene Dibromide | 2015/12/01 | <0.10 | | ppbv | |
| | | | 1,1,1-Trichloroethane | 2015/12/01 | <0.10 | | ppbv | |
| | | | 1,1,2-Trichloroethane | 2015/12/01 | <0.10 | | ppbv | |
| | | | 1,1,2,2-Tetrachloroethane | 2015/12/01 | <0.10 | | ppbv | |
| | | | cis-1,3-Dichloropropene | 2015/12/01 | <0.10 | | ppbv | |
| | | | trans-1,3-Dichloropropene | 2015/12/01 | <0.10 | | ppbv | |
| | | | 1,2-Dichloropropane | 2015/12/01 | <0.10 | | ppbv | |
| | | | Bromomethane | 2015/12/01 | <0.10 | | ppbv | |
| | | | Bromoform | 2015/12/01 | <0.20 | | ppbv | |
| | | | Bromodichloromethane | 2015/12/01 | <0.20 | | ppbv | |
| | | | Dibromochloromethane | 2015/12/01 | <0.20 | | ppbv | |
| | | | Trichloroethylene | 2015/12/01 | <0.10 | | ppbv | |
| | | | Tetrachloroethylene | 2015/12/01 | <0.10 | | ppbv | |
| | | | Benzene | 2015/12/01 | <0.10 | | ppbv | |
| | | | Toluene | 2015/12/01 | <0.10 | | ppbv | |
| | | | Ethylbenzene | 2015/12/01 | <0.10 | | ppbv | |
| | | | p+m-Xylene | 2015/12/01 | <0.20 | | ppbv | |
| | | | o-Xylene | 2015/12/01 | <0.10 | | ppbv | |
| | | | Styrene | 2015/12/01 | <0.10 | | ppbv | |
| | | | 4-ethyltoluene | 2015/12/01 | <0.50 | | ppbv | |
| | | | 1,3,5-Trimethylbenzene | 2015/12/01 | <0.50 | | ppbv | |
| | | | 1,2,4-Trimethylbenzene | 2015/12/01 | <0.50 | | ppbv | |
| | | | Chlorobenzene | 2015/12/01 | <0.10 | | ppbv | |
| | | | Benzyl chloride | 2015/12/01 | <0.50 | | ppbv | |
| | | | 1,3-Dichlorobenzene | 2015/12/01 | <0.40 | | ppbv | |
| | | | 1,4-Dichlorobenzene | 2015/12/01 | <0.10 | | ppbv | |
| | | | 1,2-Dichlorobenzene | 2015/12/01 | <0.10 | | ppbv | |



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Maxxam
A Bureau Veritas Group Company

Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | 1,2,4-Trichlorobenzene | 2015/12/01 | <0.50 | | ppbv | |
| | | | Hexachlorobutadiene | 2015/12/01 | <0.50 | | ppbv | |
| | | | Hexane | 2015/12/01 | <0.30 | | ppbv | |
| | | | Heptane | 2015/12/01 | <0.30 | | ppbv | |
| | | | Cyclohexane | 2015/12/01 | <0.20 | | ppbv | |
| | | | Tetrahydrofuran | 2015/12/01 | <0.40 | | ppbv | |
| | | | 1,4-Dioxane | 2015/12/01 | <1.0 | | ppbv | |
| | | | Naphthalene | 2015/12/01 | <0.50 | | ppbv | |
| | | | Total Xylenes | 2015/12/01 | <0.30 | | ppbv | |
| | | | 1,1,1,2-Tetrachloroethane | 2015/12/01 | <0.10 | | ppbv | |
| | | | Vinyl Bromide | 2015/12/01 | <0.20 | | ppbv | |
| | | | Propene | 2015/12/01 | <0.50 | | ppbv | |
| | | | 2,2,4-Trimethylpentane | 2015/12/01 | <0.20 | | ppbv | |
| | | | Carbon Disulfide | 2015/12/01 | <0.50 | | ppbv | |
| | | | Vinyl Acetate | 2015/12/01 | <0.20 | | ppbv | |
| 4297482 | DVO | RPD - Sample/Sample Dup | Dichlorodifluoromethane (FREON 12) | 2015/12/01 | NC | | % | 25 |
| | | | 1,2-Dichlorotetrafluoroethane | 2015/12/01 | NC | | % | 25 |
| | | | Chloromethane | 2015/12/01 | NC | | % | 25 |
| | | | Vinyl Chloride | 2015/12/01 | NC | | % | 25 |
| | | | Chloroethane | 2015/12/01 | NC | | % | 25 |
| | | | 1,3-Butadiene | 2015/12/01 | NC | | % | 25 |
| | | | Trichlorofluoromethane (FREON 11) | 2015/12/01 | NC | | % | 25 |
| | | | Ethanol (ethyl alcohol) | 2015/12/01 | 1.9 | | % | 25 |
| | | | Trichlorotrifluoroethane | 2015/12/01 | NC | | % | 25 |
| | | | 2-propanol | 2015/12/01 | 0.36 | | % | 25 |
| | | | 2-Propanone | 2015/12/01 | 2.7 | | % | 25 |
| | | | Methyl Ethyl Ketone (2-Butanone) | 2015/12/01 | 0.22 | | % | 25 |
| | | | Methyl Isobutyl Ketone | 2015/12/01 | NC | | % | 25 |
| | | | Methyl Butyl Ketone (2-Hexanone) | 2015/12/01 | NC | | % | 25 |
| | | | Methyl t-butyl ether (MTBE) | 2015/12/01 | NC | | % | 25 |
| | | | Ethyl Acetate | 2015/12/01 | NC | | % | 25 |
| | | | 1,1-Dichloroethylene | 2015/12/01 | NC | | % | 25 |
| | | | cis-1,2-Dichloroethylene | 2015/12/01 | NC | | % | 25 |
| | | | trans-1,2-Dichloroethylene | 2015/12/01 | NC | | % | 25 |
| | | | Methylene Chloride(Dichloromethane) | 2015/12/01 | NC | | % | 25 |
| | | | Chloroform | 2015/12/01 | NC | | % | 25 |
| | | | Carbon Tetrachloride | 2015/12/01 | NC | | % | 25 |
| | | | 1,1-Dichloroethane | 2015/12/01 | NC | | % | 25 |
| | | | 1,2-Dichloroethane | 2015/12/01 | NC | | % | 25 |
| | | | Ethylene Dibromide | 2015/12/01 | NC | | % | 25 |
| | | | 1,1,1-Trichloroethane | 2015/12/01 | NC | | % | 25 |
| | | | 1,1,2-Trichloroethane | 2015/12/01 | NC | | % | 25 |
| | | | 1,1,2,2-Tetrachloroethane | 2015/12/01 | NC | | % | 25 |
| | | | cis-1,3-Dichloropropene | 2015/12/01 | NC | | % | 25 |
| | | | trans-1,3-Dichloropropene | 2015/12/01 | NC | | % | 25 |
| | | | 1,2-Dichloropropane | 2015/12/01 | NC | | % | 25 |
| | | | Bromomethane | 2015/12/01 | NC | | % | 25 |
| | | | Bromoform | 2015/12/01 | NC | | % | 25 |
| | | | Bromodichloromethane | 2015/12/01 | NC | | % | 25 |
| | | | Dibromochloromethane | 2015/12/01 | NC | | % | 25 |
| | | | Trichloroethylene | 2015/12/01 | NC | | % | 25 |
| | | | Tetrachloroethylene | 2015/12/01 | NC | | % | 25 |



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Maxxam
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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | % Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Benzene | 2015/12/01 | 2.3 | | % | 25 |
| | | | Toluene | 2015/12/01 | 2.9 | | % | 25 |
| | | | Ethylbenzene | 2015/12/01 | 2.6 | | % | 25 |
| | | | p+m-Xylene | 2015/12/01 | 3.5 | | % | 25 |
| | | | o-Xylene | 2015/12/01 | 3.5 | | % | 25 |
| | | | Styrene | 2015/12/01 | 3.9 | | % | 25 |
| | | | 4-ethyltoluene | 2015/12/01 | NC | | % | 25 |
| | | | 1,3,5-Trimethylbenzene | 2015/12/01 | NC | | % | 25 |
| | | | 1,2,4-Trimethylbenzene | 2015/12/01 | 2.5 | | % | 25 |
| | | | Chlorobenzene | 2015/12/01 | NC | | % | 25 |
| | | | Benzyl chloride | 2015/12/01 | NC | | % | 25 |
| | | | 1,3-Dichlorobenzene | 2015/12/01 | NC | | % | 25 |
| | | | 1,4-Dichlorobenzene | 2015/12/01 | NC | | % | 25 |
| | | | 1,2-Dichlorobenzene | 2015/12/01 | NC | | % | 25 |
| | | | 1,2,4-Trichlorobenzene | 2015/12/01 | NC | | % | 25 |
| | | | Hexachlorobutadiene | 2015/12/01 | NC | | % | 25 |
| | | | Hexane | 2015/12/01 | 1.6 | | % | 25 |
| | | | Heptane | 2015/12/01 | 0.88 | | % | 25 |
| | | | Cyclohexane | 2015/12/01 | NC | | % | 25 |
| | | | Tetrahydrofuran | 2015/12/01 | 0.19 | | % | 25 |
| | | | 1,4-Dioxane | 2015/12/01 | NC | | % | 25 |
| | | | Naphthalene | 2015/12/01 | NC | | % | 25 |
| | | | Total Xylenes | 2015/12/01 | 3.5 | | % | 25 |
| | | | 1,1,1,2-Tetrachloroethane | 2015/12/01 | NC | | % | 25 |
| | | | Vinyl Bromide | 2015/12/01 | NC | | % | 25 |
| | | | Propene | 2015/12/01 | 5.6 | | % | 25 |
| | | | 2,2,4-Trimethylpentane | 2015/12/01 | 1.0 | | % | 25 |
| | | | Carbon Disulfide | 2015/12/01 | NC | | % | 25 |
| | | | Vinyl Acetate | 2015/12/01 | NC | | % | 25 |
| 4305776 | SKT | Method Blank | Methane | 2015/12/09 | <2 | | ppm | |
| 4305776 | SKT | RPD - Sample/Sample Dup | Methane | 2015/12/09 | NC | | % | 20 |
| 4305821 | SKT | Method Blank | Methane | 2015/12/09 | <2 | | ppm | |
| 4305821 | SKT | RPD - Sample/Sample Dup | Methane | 2015/12/09 | NC | | % | 20 |

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.



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Maxxam Job #: B5O2922
Report Date: 2015/12/11

Eastmount Environmental Services
Client Project #: 15-098
Site Location: WTE RECYCLING
Sampler Initials: AS

## VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

Maureen Smith

Maureen Smith, Supervisor, Volatiles

T Mitchell

Tom Mitchell, B.Sc, Supervisor, Compressed Gases

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



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# Chain of Custody Form - Source

Maxxam

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Burlington, Ontario L7L 5H7
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Phone (905) 332-8788
Fax (905) 332-9169

Page 12 of 12

26-Nov-15 07 50
Tarifur Rahman
B502922
NNA AIR-001

**CLIENT INFORMATION SECTION**

Company Name: Eastmount Environmental Services, LLC
Project Manager: Anthony Stratton
e-mail: [illegible]
Address: 2 New Pasture Road, Unit 5, Newburyport, MA 01950
Phone: (978) 499-9300 x12
Fax: (978) 499-9303
Cell: (508) 989-8996
Sampled by: Eastmount

**ANALYSIS REQUESTED**

| MAXXAM use only | Field Sample ID | Summa No | Collection Date | Collection Time | Initial Impinger Charge Volume (mL)* | VOC HAPS via EPA TO-15 | Methane via GC/FID | Methane via TCD (possible high ppm) | | | | | Fraction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Auto-C1-R1 | 288 | 11/18/2015 | | n/a | x | x | | | | | | |
| | Auto-C1-R2 | 7812 | 11/18/2015 | | n/a | x | x | | | | | | |
| | Auto-C1-R3 | 7802 | 11/18/2015 | | n/a | x | x | | | | | | |
| | Auto-C2-R1 | 2754 | 11/18/2015 | | n/a | x | x | | | | | | |
| | Auto-C2-R2 | 18264 | 11/18/2015 | | n/a | x | x | | | | | | |
| | Auto-C2-R3 | 14545 | 11/18/2015 | | n/a | x | x | | | | | | |
| | Auto-C3-R1 | 3677 | 11/18/2015 | | n/a | x | x | | | | | | |
| | Auto-C3-R2 | 17160 | 11/18/2015 | | n/a | x | x | | | | | | |
| | Auto-C3-R3 | 18273 | 11/18/2015 | | n/a | x | x | | | | | | |
| | Mure-C1-R1 | 270 | 11/19/2015 | | n/a | x | x or | x | | | | | |
| | Mure-C1-R2 | 2813 | 11/19/2015 | | n/a | x | x or | x | | | | | |
| | Mure-C1-R3 | 117 | 11/19/2015 | | n/a | x | x or | x | | | | | |
| | Mure-C2-R1 | 116 | 11/19/2015 | | n/a | x | x or | x | | | | | |
| | Mure-C2-R2 | 115 | 11/19/2015 | | n/a | x | x or | x | | | | | |
| | Mure-C2-R3 | T21879 | 11/19/2015 | | n/a | x | x or | x | | | | | |
| | Mure-C3-R1 | 14940 | 11/19/2015 | | n/a | x | x or | x | | | | | |
| | Mure-C3-R2 | 284 | 11/19/2015 | | n/a | x | x or | x | | | | | |
| | Mure-C3-R3 | 309 | 11/19/2015 | | n/a | x | x or | x | | | | | |
| | Blend-C1-R1 | 314 | 11/20/2015 | | n/a | x | x | | | | | | |
| | Blend-C1-R2 | 14270 | 11/20/2015 | | n/a | x | x | | | | | | |
| | Blend-C1-R3 | 14908 | 11/20/2015 | | n/a | x | x | | | | | | |
| | Blend-C2-R1 | 2756 | 11/20/2015 | | n/a | x | x | | | | | | |
| | Blend-C2-R2 | 269 | 11/20/2015 | | n/a | x | x | | | | | | |
| | Blend-C2-R3 | 18291 | 11/20/2015 | | n/a | x | x | | | | | | |
| | Blend-C3-R1 | 277 | 11/20/2015 | | n/a | x | x | | | | | | |
| | Blend-C3-R2 | 7788 | 11/20/2015 | | n/a | x | x | | | | | | |
| | Blend-C3-R3 | 7867 | 11/20/2015 | | n/a | x | x | | | | | | |

**TAT Requirement**

- STD 10 Business day ☑
- Rush 5 Business day ☐
- Rush 2 Business day ☐
- Rush 1 Business day ☐
- Other (specify)

**PROJECT INFORMATION**

Project # 15-098
Name WTe Recycling
PO #
Maxxam Quote #
Maxxam Contact Jim Jackson

**REPORTING REQUIREMENTS**

- Summary Report only ☑
- Summary Report & Full Data Package ☐
- EDD ☐

**PROJECT SPECIFIC COMMENTS**

Please analyze each Summa for VOC HAPS via TO-15 and also methane. Please note that the methane from the "Mure" runs may be higher than "Auto" or "Blend" runs, particularly the "Mure-C1" samples.

* Initial impinger charge volumes are required before the following analysis can be started: Method 26, CTM-027 & Method 8

Method 23 / TO9A
NATO TEF ☐ TEF = DL ☐ TEF = 0 DL ☐
WHO TEF ☐ TEF = 0.5 DL ☐

Client Signature
Affiliation: Eastmount Environmental
Date/Time 11/24/15

Received by
Affiliation
Date/Time

2015/11/26 07 50 9 BOXES

# D3. Metals Audit Results

ERA

A Waters Company

December 21, 2015

Christopher Pichette
wTe Recycling, Inc.
75 Southern Avenue
Greenfield, MA 01302

Enclosed is your final report for ERA's Stationary Source Audit Sample (SSAS) Program. Your final report includes an evaluation of all results submitted by your laboratory to ERA.

Data Evaluation Protocols: All analytes in ERA's SSAS Program have been evaluated comparing the reported result to the acceptance limits generated using the criteria contained in the TNI SSAS Table.

For any "Not Acceptable" results, please contact your state regulator for any corrective action requirements.

Thank you for your participation in ERA's SSAS Program. If you have any questions, please contact our Proficiency Testing Department at 1-800-372-0122.

Sincerely,

David Kilhefner
Quality Officer

cc: Project File Number 110415E

ERA
A Waters Company

| Recipient Type | Report Recipient | Contact | Project ID |
|---|---|---|---|
| Agency | MA- USEPA Region 1 (SSAS)<br><br>11 Technology Dr<br>North Chelmsford, MA 01863 USA | Bill Osbahr<br>osbahr.william@epa.gov<br>Phone: 617-918-8389 | |
| Facility | wTe Recycling, Inc.<br><br>75 Southern Avenue<br>Greenfield, MA 01302 USA | Christopher Pichette<br>cpichette@wTe.com<br>Phone: 413-772-2200 | |
| Lab | Maxxam Analytics Inc<br><br>6740 Campobello Rd<br>Mississauga, ON L5N 2L8 Canada | Tarif Rahman<br>Project Manager<br>TRahman@Maxxam.ca<br>Phone: (905) 817-5700-5712<br>Fax: (905) 817-5775 | |
| Tester | Eastmount Environmental Services<br><br>2 New Pasture Rd<br>Unit 5<br>Newburyport, MA 01950 USA | Anthony Stratton<br>astratton@montrose-env.com<br>Phone: (978) 499-9300 - 12 | 15-098 wTe |

# 110415E Laboratory Exception Report

A Waters Company

**Tarif Rahman**
**Project Manager**
**Maxxam Analytics Inc**
**6740 Campobello Rd**
**Mississauga, ON L5N 2L8**
**(905) 817-5700-5712**

**EPA ID:** **Not Reported**
**ERA Customer Number:** **M748564**

## Evaluation Checks

There are no values reported with < where the assigned value was greater than 0.

## Not Acceptable Evaluations

There were no Not Acceptable evaluations for this study.

ERA
A Waters Company

# Final Report Results For Laboratory
# Maxxam Analytics Inc

ERA
A Waters Company

# SSAP Evaluation Report

Project Number: **110415E**

ERA Customer Number: **M748564**

Laboratory Name: **Maxxam Analytics Inc**

## Inorganic Results

# 110415E Evaluation Final Complete Report

ERA
A Waters Company

Tarif Rahman
Project Manager
Maxxam Analytics Inc
6740 Campobello Rd
Mississauga, ON L5N 2L8
(905) 817-5700-5712

EPA ID: Not Reported
ERA Customer Number: M748564

| TNI Analyte Code | Analyte | Units | Reported Value | Assigned Value | Acceptance Limits | Performance Evaluation | Method Description | Analysis Date | Analyst Name |
|---|---|---|---|---|---|---|---|---|---|
| ***SSAP Metals on Filter Paper (cat# 1425, lot# 110415E) Study Dates: 11/04/15 - 12/21/15*** | | | | | | | | | |
| 1005 | Antimony | µg/Filter | | 53.1 | 39.8 - 66.4 | Not Reported | | | |
| 1010 | Arsenic | µg/Filter | | 52.5 | 39.4 - 65.6 | Not Reported | | | |
| 1015 | Barium | µg/Filter | | 59.3 | 44.5 - 74.1 | Not Reported | | | |
| 1020 | Beryllium | µg/Filter | 35.6 | 38.3 | 28.7 - 47.9 | Acceptable | EPA Method 29 2000 | 12/11/2015 | |
| 1030 | Cadmium | µg/Filter | 39.3 | 41.1 | 32.9 - 49.3 | Acceptable | EPA Method 29 2000 | 12/11/2015 | |
| 1040 | Chromium | µg/Filter | | 48.6 | 38.9 - 58.3 | Not Reported | | | |
| 1050 | Cobalt | µg/Filter | | 32.5 | 24.4 - 40.6 | Not Reported | | | |
| 1055 | Copper | µg/Filter | | 29.8 | 22.4 - 37.2 | Not Reported | | | |
| 1075 | Lead | µg/Filter | 91.4 | 90.7 | 72.6 - 109 | Acceptable | EPA Method 29 2000 | 12/11/2015 | |
| 1090 | Manganese | µg/Filter | | 29.8 | 23.8 - 35.8 | Not Reported | | | |
| 1105 | Nickel | µg/Filter | | 48.7 | 39.0 - 58.4 | Not Reported | | | |
| 1140 | Selenium | µg/Filter | | 67.2 | 50.4 - 84.0 | Not Reported | | | |
| 1150 | Silver | µg/Filter | | 106 | 74.2 - 138 | Not Reported | | | |
| 1165 | Thallium | µg/Filter | | 93.5 | 70.1 - 117 | Not Reported | | | |
| 1190 | Zinc | µg/Filter | | 77.4 | 58.0 - 96.8 | Not Reported | | | |

# 110415E Evaluation Final Complete Report

ERA
A Waters Company

Tarif Rahman
Project Manager
Maxxam Analytics Inc
6740 Campobello Rd
Mississauga, ON L5N 2L8
(905) 817-5700-5712

EPA ID: Not Reported
ERA Customer Number: M748564

| TNI Analyte Code | Analyte | Units | Reported Value | Assigned Value | Acceptance Limits | Performance Evaluation | Method Description | Analysis Date | Analyst Name |
|---|---|---|---|---|---|---|---|---|---|
| ***SSAP Metals in Impinger Solution (cat# 1426, lot# 110415E) Study Dates: 11/04/15 - 12/21/15*** | | | | | | | | | |
| 1005 | Antimony | µg/mL | | < 0.00 | 0.00 - 0.190 | Not Reported | | | |
| 1010 | Arsenic | µg/mL | | 5.83 | 4.37 - 7.29 | Not Reported | | | |
| 1015 | Barium | µg/mL | | < 0.00 | 0.00 - 0.110 | Not Reported | | | |
| 1020 | Beryllium | µg/mL | 5.22 | 5.28 | 3.96 - 6.60 | Acceptable | EPA Method 29 2000 | 12/12/2015 | |
| 1030 | Cadmium | µg/mL | 5.83 | 5.87 | 4.70 - 7.04 | Acceptable | EPA Method 29 2000 | 12/12/2015 | |
| 1040 | Chromium | µg/mL | | 5.81 | 4.65 - 6.97 | Not Reported | | | |
| 1050 | Cobalt | µg/mL | | < 0.00 | 0.00 - 0.0750 | Not Reported | | | |
| 1055 | Copper | µg/mL | | < 0.00 | 0.00 - 0.150 | Not Reported | | | |
| 1075 | Lead | µg/mL | 6.21 | 5.95 | 4.46 - 7.44 | Acceptable | EPA Method 29 2000 | 12/12/2015 | |
| 1090 | Manganese | µg/mL | | < 0.00 | 0.00 - 0.0750 | Not Reported | | | |
| 1105 | Nickel | µg/mL | | 5.71 | 4.57 - 6.85 | Not Reported | | | |
| 1140 | Selenium | µg/mL | | 5.79 | 4.34 - 7.24 | Not Reported | | | |
| 1150 | Silver | µg/mL | | < 0.00 | 0.00 - 0.380 | Not Reported | | | |
| 1165 | Thallium | µg/mL | | < 0.00 | 0.00 - 0.110 | Not Reported | | | |
| 1190 | Zinc | µg/mL | | < 0.00 | 0.00 - 0.110 | Not Reported | | | |
| ***SSAP Mercury on Filter Paper (cat# 1427, lot# 110415E) Study Dates: 11/04/15 - 12/21/15*** | | | | | | | | | |
| 1095 | Mercury | µg/Filter | 4.74 | 4.92 | 3.69 - 6.15 | Acceptable | EPA Method 29 2000 | 12/16/2015 | |
| ***SSAP Mercury in Impinger Solution (cat# 1428, lot# 110415E) Study Dates: 11/04/15 - 12/21/15*** | | | | | | | | | |
| 1095 | Mercury | ng/mL | 3.4 | 3.60 | 2.70 - 4.50 | Acceptable | EPA Method 29 2000 | 12/14/2015 | |

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# Maxxam Analytics Inc
# Summary of Data Entry/Changes
# For SSAS Project #110415E
# ( 11/4/2015 - 11/3/2016 )

## LABORATORY INFORMATION

| | | | |
|---|---|---|---|
| Maxxam Analytics Inc | **Customer ID:** | M748564 | **USEPA ID:** |
| 6740 Campobello Rd | **Fax:** | (905) 817-5775 | **Contact:** Tarif Rahman |
| Mississauga, ON L5N 2L8 | **Email:** | TRahman@Maxxam.ca | **Contact Title:** Project Manager |
| | **Phone:** | (905) 817-5700-5712 | **Approval Date:** 12/21/2015 |

## REGULATORY AGENCY INFORMATION

You have authorized ERA to send copies of your 110415E study final reports to the following agencies:

MA- USEPA Region 1 (SSAS)

## THIRD PARTY INFORMATION

There are no third parties listed to receive reports.

**All data points that have changed are bold and colored blue.**
**All data points entered after the close of the study are indicated in red.**

### Metals on Filter Paper (cat# 1425)

| Analyte | Units | Reported Value | PTRL | Method Description (NELAC Code) | Analysis Date (Analyst) | Date Entered |
|---|---|---|---|---|---|---|
| Antimony | µg/Filter | | 19.0 | | | |
| Arsenic | µg/Filter | | 15.0 | | | |
| Barium | µg/Filter | | 15.0 | | | |
| Beryllium | µg/Filter | 35.6 | 7.50 | EPA Method 29 2000 (10403722) | 12/11/2015 | 12/21/2015 |
| Cadmium | µg/Filter | 39.3 | 8.00 | EPA Method 29 2000 (10403722) | 12/11/2015 | 12/21/2015 |
| Chromium | µg/Filter | | 12.0 | | | |
| Cobalt | µg/Filter | | 7.50 | | | |
| Copper | µg/Filter | | 7.50 | | | |
| Lead | µg/Filter | 91.4 | 16.0 | EPA Method 29 2000 (10403722) | 12/11/2015 | 12/21/2015 |
| Manganese | µg/Filter | | 7.00 | | | |
| Nickel | µg/Filter | | 14.0 | | | |
| Selenium | µg/Filter | | 14.0 | | | |
| Silver | µg/Filter | | 21.0 | | | |
| Thallium | µg/Filter | | 22.0 | | | |
| Zinc | µg/Filter | | 14.0 | | | |

### Metals in Impinger Solution (cat# 1426)

| Analyte | Units | Reported Value | PTRL | Method Description (NELAC Code) | Analysis Date (Analyst) | Date Entered |
|---|---|---|---|---|---|---|
| Antimony | µg/mL | | 0.190 | | | |
| Arsenic | µg/mL | | 0.150 | | | |
| Barium | µg/mL | | 0.110 | | | |
| Beryllium | µg/mL | 5.22 | 0.0350 | EPA Method 29 2000 (10403722) | 12/12/2015 | 12/21/2015 |

ERA
A Waters Company

# Maxxam Analytics Inc
## Summary of Data Entry/Changes
## For SSAS Project #110415E
## ( 11/4/2015 - 11/3/2016 )

All data points that have changed are bold and colored blue.
All data points entered after the close of the study are indicated in red.

| Analyte | Units | Reported Value | PTRL | Method Description (NELAC Code) | Analysis Date (Analyst) | Date Entered |
|---|---|---|---|---|---|---|
| Cadmium | µg/mL | 5.83 | 0.0800 | EPA Method 29 2000 (10403722) | 12/12/2015 | 12/21/2015 |
| Chromium | µg/mL | | 0.160 | | | |
| Cobalt | µg/mL | | 0.0750 | | | |
| Copper | µg/mL | | 0.150 | | | |
| Lead | µg/mL | 6.21 | 0.150 | EPA Method 29 2000 (10403722) | 12/12/2015 | 12/21/2015 |
| Manganese | µg/mL | | 0.0750 | | | |
| Nickel | µg/mL | | 0.120 | | | |
| Selenium | µg/mL | | 0.110 | | | |
| Silver | µg/mL | | 0.380 | | | |
| Thallium | µg/mL | | 0.110 | | | |
| Zinc | µg/mL | | 0.110 | | | |

**Mercury on Filter Paper (cat# 1427)**

| Analyte | Units | Reported Value | PTRL | Method Description (NELAC Code) | Analysis Date (Analyst) | Date Entered |
|---|---|---|---|---|---|---|
| Mercury | µg/Filter | 4.74 | 0.750 | EPA Method 29 2000 (10403722) | 12/16/2015 | 12/21/2015 |

**Mercury in Impinger Solution (cat# 1428)**

| Analyte | Units | Reported Value | PTRL | Method Description (NELAC Code) | Analysis Date (Analyst) | Date Entered |
|---|---|---|---|---|---|---|
| Mercury | ng/mL | 3.4 | 0.680 | EPA Method 29 2000 (10403722) | 12/14/2015 | 12/21/2015 |