

**CLIENT NAME: DEFENCE CONSTRUCTION CANADA  
14 ALERT BLVD, 8 WING TRENTON  
ASTRA, ON K0K3W0  
(613) 392-2811**

**ATTENTION TO: Chris McRae**

**PROJECT NO: Alert**

**AGAT WORK ORDER: 13T726077**

**MICROBIOLOGY ANALYSIS REVIEWED BY: Anthony Dapaah, PhD (Chem), Inorganic Lab Manager**

**TRACE ORGANICS REVIEWED BY: Oksana Gushyla, Trace Organics Lab Supervisor**

**WATER ANALYSIS REVIEWED BY: Parvathi Malemath, Data Reviewer**

**DATE REPORTED: Jun 24, 2013**

**PAGES (INCLUDING COVER): 16**

**VERSION\*: 2**

Should you require any information regarding this analysis please contact your client services representative at (905) 712-5100

**\*NOTES**

VERSION 2: Sample ID ALT-11 change to ALT-8.2 as per client's request on June 25th, 2013.

**All samples will be disposed of within 30 days following analysis. Please contact the lab if you require additional sample storage time.**



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## Certificate of Analysis

AGAT WORK ORDER: 13T726077

PROJECT NO: Alert

5835 COOPERS AVENUE  
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CANADA L4Z 1Y2  
TEL (905)712-5100  
FAX (905)712-5122  
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ATTENTION TO: Chris McRae

### Microbiological Analysis (water)

DATE RECEIVED: 2013-06-14

DATE REPORTED: 2013-06-24

|                |           | SAMPLE DESCRIPTION: |     | ALT-4    | ALT-5    | ALT-6    | ALT-7    |
|----------------|-----------|---------------------|-----|----------|----------|----------|----------|
|                |           | SAMPLE TYPE:        |     | Water    | Water    | Water    | Water    |
|                |           | DATE SAMPLED:       |     | 6/4/2013 | 6/4/2013 | 6/4/2013 | 6/4/2013 |
|                |           | G / S               | RDL | 4456439  | 4456501  | 4456517  | 4456533  |
| Parameter      | Unit      |                     |     |          |          |          |          |
| Fecal Coliform | CFU/100mL | 2                   | 4   | ND       | 2        | ND       |          |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard  
4456439-4456533 RDL >1 indicates dilutions of the sample.

The samples were analyzed past hold time; results should be reviewed with discretion.

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### (P & T) - BTEX - Water (GC/MS)

DATE RECEIVED: 2013-06-14

DATE REPORTED: 2013-06-24

|                        |            | SAMPLE DESCRIPTION: |      | ALT-8    | ALT-9    | ALT-10   | ALT-8.2  |
|------------------------|------------|---------------------|------|----------|----------|----------|----------|
|                        |            | SAMPLE TYPE:        |      | Water    | Water    | Water    | Water    |
|                        |            | DATE SAMPLED:       |      | 6/4/2013 | 6/4/2013 | 6/4/2013 | 6/4/2013 |
| Parameter              | Unit       | G / S               | RDL  | 4456552  | 4456560  | 4456567  | 4456575  |
| Benzene                | µg/L       |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| Toluene                | µg/L       |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| Ethylbenzene           | µg/L       |                     | 0.10 | <0.10    | <0.10    | 0.46     | <0.10    |
| m & p-Xylene           | µg/L       |                     | 0.20 | <0.20    | <0.20    | 2.1      | <0.20    |
| o-Xylene               | µg/L       |                     | 0.10 | <0.10    | <0.10    | 1.2      | <0.10    |
| Xylene Mixture (Total) | µg/L       |                     | 0.20 | <0.20    | <0.20    | 3.3      | <0.20    |
| Surrogate              | Unit       | Acceptable Limits   |      |          |          |          |          |
| Toluene-d8             | % Recovery | 60-130              |      | 100      | 110      | 111      | 116      |
| 4-Bromofluorobenzene   | % Recovery | 70-130              |      | 80       | 84       | 113      | 91       |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard  
4456552-4456575 Results relate only to the items tested.

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### O. Reg. 153(511) - PAHs (Water)

DATE RECEIVED: 2013-06-14

DATE REPORTED: 2013-06-24

|                            |      | SAMPLE DESCRIPTION: |      | ALT-4    | ALT-5    | ALT-6    | ALT-7    |
|----------------------------|------|---------------------|------|----------|----------|----------|----------|
|                            |      | SAMPLE TYPE:        |      | Water    | Water    | Water    | Water    |
|                            |      | DATE SAMPLED:       |      | 6/4/2013 | 6/4/2013 | 6/4/2013 | 6/4/2013 |
| Parameter                  | Unit | G / S               | RDL  | 4456439  | 4456501  | 4456517  | 4456533  |
| Naphthalene                | µg/L |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| Acenaphthylene             | µg/L |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| Acenaphthene               | µg/L |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| Fluorene                   | µg/L |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| Phenanthrene               | µg/L |                     | 0.10 | <0.10    | <0.10    | <0.10    | <0.10    |
| Anthracene                 | µg/L |                     | 0.10 | <0.10    | <0.10    | <0.10    | <0.10    |
| Fluoranthene               | µg/L |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| Pyrene                     | µg/L |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| Benz(a)anthracene          | µg/L |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| Chrysene                   | µg/L |                     | 0.10 | <0.10    | <0.10    | <0.10    | <0.10    |
| Benzo(b)fluoranthene       | µg/L |                     | 0.10 | <0.10    | <0.10    | <0.10    | <0.10    |
| Benzo(k)fluoranthene       | µg/L |                     | 0.10 | <0.10    | <0.10    | <0.10    | <0.10    |
| Benzo(a)pyrene             | µg/L |                     | 0.01 | <0.01    | <0.01    | <0.01    | <0.01    |
| Indeno(1,2,3-cd)pyrene     | µg/L |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| Dibenz(a,h)anthracene      | µg/L |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| Benzo(g,h,i)perylene       | µg/L |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| 2-and 1-methyl Naphthalene | µg/L |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| Surrogate                  | Unit | Acceptable Limits   |      |          |          |          |          |
| Chrysene-d12               | %    | 50-140              |      | 76       | 71       | 52       | 65       |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

4456439-4456533 Note: The result for Benzo(b)Flouranthene is the total of the Benzo(b)&(j)Flouranthene isomers because the isomers co-elute on the GC column.

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**O. Reg. 153(511) - PHCs F1 - F4 (with PAHs) (Water)**

DATE RECEIVED: 2013-06-14

DATE REPORTED: 2013-06-24

|                                   |      | SAMPLE DESCRIPTION: |      | ALT-4    | ALT-5    | ALT-6    | ALT-7    |
|-----------------------------------|------|---------------------|------|----------|----------|----------|----------|
|                                   |      | SAMPLE TYPE:        |      | Water    | Water    | Water    | Water    |
|                                   |      | DATE SAMPLED:       |      | 6/4/2013 | 6/4/2013 | 6/4/2013 | 6/4/2013 |
| Parameter                         | Unit | G / S               | RDL  | 4456439  | 4456501  | 4456517  | 4456533  |
| Benzene                           | µg/L |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| Toluene                           | µg/L |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| Ethylbenzene                      | µg/L |                     | 0.10 | <0.10    | <0.10    | <0.10    | <0.10    |
| Xylene Mixture                    | µg/L |                     | 0.20 | <0.20    | <0.20    | <0.20    | <0.20    |
| F1 (C6 to C10)                    | µg/L |                     | 25   | <25      | <25      | <25      | <25      |
| F1 (C6 to C10) minus BTEX         | µg/L |                     | 25   | <25      | <25      | <25      | <25      |
| F2 (C10 to C16)                   | µg/L |                     | 100  | <100     | <100     | <100     | <100     |
| F2 (C10 to C16) minus Naphthalene | µg/L |                     | 100  | <100     | <100     | <100     | <100     |
| F3 (C16 to C34)                   | µg/L |                     | 100  | <100     | <100     | <100     | <100     |
| F3 (C16 to C34) minus PAHs        | µg/L |                     | 100  | <100     | <100     | <100     | <100     |
| F4 (C34 to C50)                   | µg/L |                     | 100  | <100     | <100     | <100     | <100     |
| Gravimetric Heavy Hydrocarbons    | µg/L |                     | 500  | NA       | NA       | NA       | NA       |
| Surrogate                         | Unit | Acceptable Limits   |      |          |          |          |          |
| Terphenyl                         | %    | 60-140              |      | 124      | 82       | 106      | 100      |

**Comments:** RDL - Reported Detection Limit; G / S - Guideline / Standard**4456439-4456533** The C6-C10 fraction is calculated using Toluene response factor.

The C10 - C16, C16 - C34, and C34 - C50 fractions are calculated using the average response factor for n-C10, n-C16, and n-C34.

Gravimetric Heavy Hydrocarbons are not included in the Total C16 - C50 and are only determined if the chromatogram of the C34 - C50 Hydrocarbons indicated that hydrocarbons &gt;C50 are present.

Total C6-C50 results are corrected for BTEX and PAH contributions.

This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.

n-C6 and n-C10 response factors are within 30% of Toluene response factor.

n-C10, n-C16 and n-C34 response factors are within 10% of their average.

C50 response factor is within 70% of n-C10 + n-C16 n-C34 average.

Linearity is within 15%.

Extraction and holding times were met for this sample.

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### Oil and Grease [water]

DATE RECEIVED: 2013-06-14

DATE REPORTED: 2013-06-24

|                                   |      | SAMPLE DESCRIPTION: |      | ALT-4    | ALT-5    | ALT-6    | ALT-7    | ALT-8    | ALT-9    | ALT-10   | ALT-8.2  |
|-----------------------------------|------|---------------------|------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                   |      | SAMPLE TYPE:        |      | Water    | Water    | Water    | Water    | Water    | Water    | Water    | Water    |
|                                   |      | DATE SAMPLED:       |      | 6/4/2013 | 6/4/2013 | 6/4/2013 | 6/4/2013 | 6/4/2013 | 6/4/2013 | 6/4/2013 | 6/4/2013 |
| Parameter                         | Unit | G / S               | RDL  | 4456439  | 4456501  | 4456517  | 4456533  | 4456552  | 4456560  | 4456567  | 4456575  |
| Oil and Grease (animal/vegetable) | mg/L | 0.5                 | <0.5 | <0.5     | <0.5     | <0.5     | 0.7      | <0.5     | <0.5     | <0.5     | <0.5     |
| Oil and Grease (mineral) in water | mg/L | 0.5                 | <0.5 | <0.5     | <0.5     | <0.5     | <0.5     | <0.5     | <0.5     | <0.5     | <0.5     |
| Oil and Grease (Total) in water   | mg/L | 0.5                 | <0.5 | <0.5     | <0.5     | <0.5     | 0.7      | <0.5     | <0.5     | <0.5     | <0.5     |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

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| BOD (water)               |      |          |     |                           |         |          |         |
|---------------------------|------|----------|-----|---------------------------|---------|----------|---------|
| DATE RECEIVED: 2013-06-14 |      |          |     | DATE REPORTED: 2013-06-24 |         |          |         |
| SAMPLE DESCRIPTION:       |      | ALT-4    |     | ALT-5                     |         | ALT-6    |         |
| SAMPLE TYPE:              |      | Water    |     | Water                     |         | Water    |         |
| DATE SAMPLED:             |      | 6/4/2013 |     | 6/4/2013                  |         | 6/4/2013 |         |
| G / S                     |      | RDL      |     | 4456439                   |         | 4456501  |         |
| 4456517                   |      | 4456517  |     | 4456517                   |         | 4456533  |         |
| Parameter                 | Unit | G / S    | RDL | 4456439                   | 4456501 | 4456517  | 4456533 |
| BOD (5)                   | mg/L | 5        | <5  | <5                        | <5      | <5       | <5      |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

4456439-4456533 BOD Analysis: The samples were analyzed past hold time; results should be reviewed with discretion.

Certified By:

*Parvathi Malenath*



## Certificate of Analysis

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ATTENTION TO: Chris McRae

### Inorganic Chemistry (Water)

DATE RECEIVED: 2013-06-14

DATE REPORTED: 2013-06-24

|                                        |          | SAMPLE DESCRIPTION: |        | ALT-4    |        | ALT-5    |        | ALT-6    |     | ALT-7    |     |
|----------------------------------------|----------|---------------------|--------|----------|--------|----------|--------|----------|-----|----------|-----|
|                                        |          | SAMPLE TYPE:        |        | Water    |        | Water    |        | Water    |     | Water    |     |
|                                        |          | DATE SAMPLED:       |        | 6/4/2013 |        | 6/4/2013 |        | 6/4/2013 |     | 6/4/2013 |     |
| Parameter                              | Unit     | G / S               | RDL    | 4456439  | RDL    | 4456501  | RDL    | 4456517  | RDL | 4456533  | RDL |
| Electrical Conductivity                | uS/cm    |                     | 2      | 438      | 2      | 1460     | 2      | 324      |     | 263      |     |
| pH                                     | pH Units |                     | NA     | 7.50     | NA     | 6.75     | NA     | 7.33     |     | 7.07     |     |
| Total Suspended Solids                 | mg/L     |                     | 10     | 297      | 10     | 113      | 10     | 184      |     | 900      |     |
| Total Hardness (as CaCO <sub>3</sub> ) | mg/L     |                     | 10     | 155      | 10     | 593      | 10     | 78       |     | 83       |     |
| Alkalinity (as CaCO <sub>3</sub> )     | mg/L     |                     | 5      | 76       | 5      | 28       | 5      | 73       |     | 51       |     |
| Nitrate as N                           | mg/L     |                     | 0.05   | 2.86     | 0.25   | 0.41     | 0.05   | 0.42     |     | 0.19     |     |
| Nitrite as N                           | mg/L     |                     | 0.05   | <0.05    | 0.25   | <0.25    | 0.05   | <0.05    |     | <0.05    |     |
| Sulphate                               | mg/L     |                     | 0.10   | 68.3     | 0.50   | 481      | 0.10   | 38.9     |     | 43.8     |     |
| Ammonia as N                           | mg/L     |                     | 0.02   | 0.03     | 0.02   | <0.02    | 0.02   | <0.02    |     | <0.02    |     |
| Phenols                                | mg/L     |                     | 0.001  | <0.001   | 0.001  | <0.001   | 0.001  | <0.001   |     | <0.001   |     |
| Chemical Oxygen Demand                 | mg/L     |                     | 5      | <5       | 5      | <5       | 5      | <5       |     | 9        |     |
| Calcium                                | mg/L     |                     | 0.05   | 41.8     | 0.05   | 186      | 0.05   | 20.6     |     | 24.6     |     |
| Magnesium                              | mg/L     |                     | 0.05   | 12.4     | 0.05   | 31.3     | 0.05   | 6.56     |     | 5.14     |     |
| Sodium                                 | mg/L     |                     | 0.05   | 20.3     | 0.05   | 69.1     | 0.05   | 28.4     |     | 15.4     |     |
| Potassium                              | mg/L     |                     | 0.05   | 3.63     | 0.05   | 5.57     | 0.05   | 4.90     |     | 1.95     |     |
| Arsenic                                | mg/L     |                     | 0.003  | 0.007    | 0.003  | <0.003   | 0.003  | 0.004    |     | 0.003    |     |
| Cadmium                                | mg/L     |                     | 0.002  | <0.002   | 0.002  | <0.002   | 0.002  | <0.002   |     | <0.002   |     |
| Chromium                               | mg/L     |                     | 0.003  | <0.003   | 0.003  | <0.003   | 0.003  | <0.003   |     | <0.003   |     |
| Copper                                 | mg/L     |                     | 0.003  | 0.011    | 0.003  | <0.003   | 0.003  | 0.006    |     | 0.014    |     |
| Iron                                   | mg/L     |                     | 0.010  | 1.45     | 0.010  | 0.398    | 0.010  | 0.397    |     | 3.56     |     |
| Lead                                   | mg/L     |                     | 0.002  | 0.009    | 0.002  | <0.002   | 0.002  | 0.004    |     | 0.024    |     |
| Mercury                                | mg/L     |                     | 0.0001 | <0.0001  | 0.0001 | <0.0001  | 0.0001 | <0.0001  |     | <0.0001  |     |
| Nickel                                 | mg/L     |                     | 0.003  | 0.009    | 0.003  | <0.003   | 0.003  | 0.003    |     | 0.015    |     |

**Comments:** RDL - Reported Detection Limit; G / S - Guideline / Standard  
4456501 The RDL for Anions is increased to reflect the dilution prior to sample analysis.

**Certified By:**

*Parvathi Malenath*





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### Lead & Phenols (Water)

DATE RECEIVED: 2013-06-14

DATE REPORTED: 2013-06-24

|           |      | SAMPLE DESCRIPTION: |     | ALT-8    | ALT-9    | ALT-8.2  |
|-----------|------|---------------------|-----|----------|----------|----------|
|           |      | SAMPLE TYPE:        |     | Water    | Water    | Water    |
|           |      | DATE SAMPLED:       |     | 6/4/2013 | 6/4/2013 | 6/4/2013 |
|           |      | G / S               |     | 4456552  | 4456560  | 4456575  |
| Parameter | Unit | G / S               | RDL |          |          |          |
| Phenols   | µg/L |                     | 1.0 | <1.0     | <1.0     | <1.0     |
| Lead      | µg/L |                     | 2.0 | 16.5     | 18.8     | <2.0     |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

4456552-4456575 2013/06/25 Revision:

This report replaces the Certificate of Analysis issued on 2013/06/18. Values for Phenols and Lead were converted into mg/L to µg/L at the client's request.

**Certified By:**

*Parvathi Malenath*



**AGAT** Laboratories

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ATTENTION TO: Chris McRae

### Lead (Water)

DATE RECEIVED: 2013-06-14

DATE REPORTED: 2013-06-24

SAMPLE DESCRIPTION: ALT-10

SAMPLE TYPE: Water

DATE SAMPLED: 6/4/2013

| Parameter | Unit | G / S | RDL | 4456567 |
|-----------|------|-------|-----|---------|
| Lead      | µg/L |       | 2.0 | 7.0     |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

4456567 2013/06/25 Revision:

This report replaces the Certificate of Analysis issued on 2013/06/18. Values for Lead was converted into mg/L to µg/L at the client's request.

**Certified By:**

*Parvathi Malenath*

## Quality Assurance

CLIENT NAME: DEFENCE CONSTRUCTION CANADA

AGAT WORK ORDER: 13T726077

PROJECT NO: Alert

ATTENTION TO: Chris McRae

### Microbiology Analysis

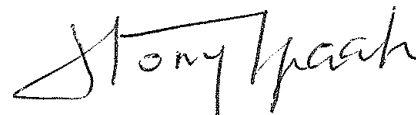
| RPT Date: Jun 24, 2013 |       |           | DUPLICATE |        |     | Method Blank | REFERENCE MATERIAL |                   | METHOD BLANK SPIKE |          | MATRIX SPIKE      |       |
|------------------------|-------|-----------|-----------|--------|-----|--------------|--------------------|-------------------|--------------------|----------|-------------------|-------|
| PARAMETER              | Batch | Sample Id | Dup #1    | Dup #2 | RPD |              | Measured Value     | Acceptable Limits |                    | Recovery | Acceptable Limits |       |
|                        |       |           |           |        |     |              |                    | Lower             | Upper              |          | Lower             | Upper |

#### Microbiological Analysis (water)

|                |   |         |    |    |    |     |    |  |  |    |  |  |    |  |  |
|----------------|---|---------|----|----|----|-----|----|--|--|----|--|--|----|--|--|
| Fecal Coliform | 1 | 4456501 | ND | ND | NA | < 1 | NA |  |  | NA |  |  | NA |  |  |
|----------------|---|---------|----|----|----|-----|----|--|--|----|--|--|----|--|--|

Comments: ND - Not Detected, ; NA - % RPD Not Applicable

NA - Not Applicable

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## Quality Assurance

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AGAT WORK ORDER: 13T726077

PROJECT NO: Alert

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### Trace Organics Analysis

| RPT Date: Jun 24, 2013 |       |           | DUPLICATE |        |     | Method Blank | REFERENCE MATERIAL |                   |       | METHOD BLANK SPIKE |                   |       | MATRIX SPIKE |                   |       |
|------------------------|-------|-----------|-----------|--------|-----|--------------|--------------------|-------------------|-------|--------------------|-------------------|-------|--------------|-------------------|-------|
| PARAMETER              | Batch | Sample Id | Dup #1    | Dup #2 | RPD |              | Measured Value     | Acceptable Limits |       | Recovery           | Acceptable Limits |       | Recovery     | Acceptable Limits |       |
|                        |       |           |           |        |     |              |                    | Lower             | Upper |                    | Lower             | Upper |              | Lower             | Upper |

#### O. Reg. 153(511) - PAHs (Water)

|                            |   |         |        |        |      |        |      |     |      |      |     |      |      |     |      |
|----------------------------|---|---------|--------|--------|------|--------|------|-----|------|------|-----|------|------|-----|------|
| Naphthalene                | 1 | 4456533 | < 0.20 | < 0.20 | 0.0% | < 0.20 | 77%  | 50% | 140% | 85%  | 50% | 140% | 86%  | 50% | 140% |
| Acenaphthylene             | 1 | 4456533 | < 0.20 | < 0.20 | 0.0% | < 0.20 | 91%  | 50% | 140% | 74%  | 50% | 140% | 77%  | 50% | 140% |
| Acenaphthene               | 1 | 4456533 | < 0.20 | < 0.20 | 0.0% | < 0.20 | 92%  | 50% | 140% | 78%  | 50% | 140% | 80%  | 50% | 140% |
| Fluorene                   | 1 | 4456533 | < 0.20 | < 0.20 | 0.0% | < 0.20 | 92%  | 50% | 140% | 81%  | 50% | 140% | 84%  | 50% | 140% |
| Phenanthrene               | 1 | 4456533 | < 0.10 | < 0.10 | 0.0% | < 0.10 | 92%  | 50% | 140% | 74%  | 50% | 140% | 74%  | 50% | 140% |
| Anthracene                 | 1 | 4456533 | < 0.10 | < 0.10 | 0.0% | < 0.10 | 92%  | 50% | 140% | 86%  | 50% | 140% | 88%  | 50% | 140% |
| Fluoranthene               | 1 | 4456533 | < 0.20 | < 0.20 | 0.0% | < 0.20 | 93%  | 50% | 140% | 83%  | 50% | 140% | 82%  | 50% | 140% |
| Pyrene                     | 1 | 4456533 | < 0.20 | < 0.20 | 0.0% | < 0.20 | 93%  | 50% | 140% | 81%  | 50% | 140% | 80%  | 50% | 140% |
| Benz(a)anthracene          | 1 | 4456533 | < 0.20 | < 0.20 | 0.0% | < 0.20 | 103% | 50% | 140% | 60%  | 50% | 140% | 59%  | 50% | 140% |
| Chrysene                   | 1 | 4456533 | < 0.10 | < 0.10 | 0.0% | < 0.10 | 100% | 50% | 140% | 75%  | 50% | 140% | 81%  | 50% | 140% |
| Benzo(b)fluoranthene       | 1 | 4456533 | < 0.10 | < 0.10 | 0.0% | < 0.10 | 103% | 50% | 140% | 91%  | 50% | 140% | 93%  | 50% | 140% |
| Benzo(k)fluoranthene       | 1 | 4456533 | < 0.10 | < 0.10 | 0.0% | < 0.10 | 121% | 50% | 140% | 105% | 50% | 140% | 99%  | 50% | 140% |
| Benzo(a)pyrene             | 1 | 4456533 | < 0.01 | < 0.01 | 0.0% | < 0.01 | 97%  | 50% | 140% | 82%  | 50% | 140% | 86%  | 50% | 140% |
| Indeno(1,2,3-cd)pyrene     | 1 | 4456533 | < 0.20 | < 0.20 | 0.0% | < 0.20 | 117% | 50% | 140% | 117% | 50% | 140% | 104% | 50% | 140% |
| Dibenz(a,h)anthracene      | 1 | 4456533 | < 0.20 | < 0.20 | 0.0% | < 0.20 | 113% | 50% | 140% | 98%  | 50% | 140% | 94%  | 50% | 140% |
| Benzo(g,h,i)perylene       | 1 | 4456533 | < 0.20 | < 0.20 | 0.0% | < 0.20 | 122% | 50% | 140% | 111% | 50% | 140% | 88%  | 50% | 140% |
| 2-and 1-methyl Naphthalene | 1 | 4456533 | < 0.20 | < 0.20 | 0.0% | < 0.20 | 85%  | 50% | 140% | 74%  | 50% | 140% | 75%  | 50% | 140% |

#### O. Reg. 153(511) - PHCs F1 - F4 (with PAHs) (Water)

|                 |   |  |        |        |      |        |      |     |      |      |     |      |     |     |      |
|-----------------|---|--|--------|--------|------|--------|------|-----|------|------|-----|------|-----|-----|------|
| Benzene         | 1 |  | < 0.20 | < 0.20 | 0.0% | < 0.20 | 83%  | 50% | 140% | 106% | 60% | 130% | 67% | 50% | 140% |
| Toluene         | 1 |  | < 0.20 | < 0.20 | 0.0% | < 0.20 | 86%  | 50% | 140% | 106% | 60% | 130% | 65% | 50% | 140% |
| Ethylbenzene    | 1 |  | < 0.10 | < 0.10 | 0.0% | < 0.10 | 87%  | 50% | 140% | 106% | 60% | 130% | 66% | 50% | 140% |
| Xylene Mixture  | 1 |  | < 0.20 | < 0.20 | 0.0% | < 0.20 | 90%  | 50% | 140% | 109% | 60% | 130% | 74% | 50% | 140% |
| F1 (C6 to C10)  | 1 |  | < 25   | < 25   | 0.0% | < 25   | 80%  | 60% | 140% | 80%  | 60% | 140% | 67% | 60% | 140% |
| F2 (C10 to C16) | 1 |  | < 100  | < 100  | 0.0% | < 100  | 98%  | 60% | 140% | 81%  | 60% | 140% | 69% | 60% | 140% |
| F3 (C16 to C34) | 1 |  | < 100  | < 100  | 0.0% | < 100  | 100% | 60% | 140% | 68%  | 60% | 140% | 64% | 60% | 140% |
| F4 (C34 to C50) | 1 |  | < 100  | < 100  | 0.0% | < 100  | 80%  | 60% | 140% | 87%  | 60% | 140% | 81% | 60% | 140% |

#### Oil and Grease [water]

|                                   |   |  |       |       |      |       |    |     |      |      |     |      |     |     |      |
|-----------------------------------|---|--|-------|-------|------|-------|----|-----|------|------|-----|------|-----|-----|------|
| Oil and Grease (animal/vegetable) | 1 |  | 1.0   | 1.1   | 9.5% | < 0.5 | NA | 70% | 130% | 109% | 70% | 130% | 99% | 70% | 130% |
| Oil and Grease (mineral) in water | 1 |  | < 0.5 | < 0.5 | 0.0% | < 0.5 | NA | 70% | 130% | 90%  | 70% | 130% | 89% | 70% | 130% |
| Oil and Grease (Total) in water   | 1 |  | 1.0   | 1.1   | 9.5% | < 0.5 | NA | 70% | 130% | 100% | 70% | 130% | 94% | 70% | 130% |

#### (P & T) - BTEX - Water (GC/MS)

|                        |   |  |        |        |      |        |      |     |      |      |     |      |     |     |      |
|------------------------|---|--|--------|--------|------|--------|------|-----|------|------|-----|------|-----|-----|------|
| Benzene                | 1 |  | < 0.20 | < 0.20 | 0.0% | < 0.20 | 79%  | 60% | 130% | 102% | 60% | 130% | 93% | 60% | 130% |
| Toluene                | 1 |  | < 0.20 | < 0.20 | 0.0% | < 0.20 | 84%  | 60% | 130% | 92%  | 60% | 130% | 90% | 60% | 130% |
| Ethylbenzene           | 1 |  | < 0.10 | < 0.10 | 0.0% | < 0.10 | 114% | 60% | 130% | 75%  | 60% | 130% | 74% | 60% | 130% |
| m & p-Xylene           | 1 |  | < 0.20 | < 0.20 | 0.0% | < 0.20 | 95%  | 60% | 130% | 75%  | 60% | 130% | 72% | 60% | 130% |
| o-Xylene               | 1 |  | < 0.10 | < 0.10 | 0.0% | < 0.10 | 96%  | 60% | 130% | 83%  | 60% | 130% | 92% | 60% | 130% |
| Xylene Mixture (Total) | 1 |  | < 0.20 | < 0.20 | 0.0% | < 0.20 | 96%  | 60% | 130% | 79%  | 60% | 130% | 82% | 60% | 130% |

## Quality Assurance

CLIENT NAME: DEFENCE CONSTRUCTION CANADA

AGAT WORK ORDER: 13T726077

PROJECT NO: Alert

ATTENTION TO: Chris McRae

### Trace Organics Analysis (Continued)

| RPT Date: Jun 24, 2013 |       |              | DUPLICATE |        |     | Method<br>Blank | REFERENCE MATERIAL |                      | METHOD BLANK SPIKE |          |                      | MATRIX SPIKE |          |                      |       |
|------------------------|-------|--------------|-----------|--------|-----|-----------------|--------------------|----------------------|--------------------|----------|----------------------|--------------|----------|----------------------|-------|
| PARAMETER              | Batch | Sample<br>Id | Dup #1    | Dup #2 | RPD |                 | Measured<br>Value  | Acceptable<br>Limits |                    | Recovery | Acceptable<br>Limits |              | Recovery | Acceptable<br>Limits |       |
|                        |       |              |           |        |     |                 |                    | Lower                | Upper              |          | Lower                | Upper        |          | Lower                | Upper |

**Certified By:**



## Quality Assurance

CLIENT NAME: DEFENCE CONSTRUCTION CANADA

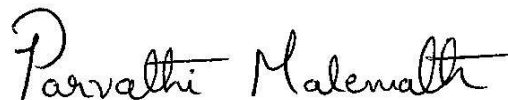
AGAT WORK ORDER: 13T726077

PROJECT NO: Alert

ATTENTION TO: Chris McRae

| Water Analysis                         |         |           |           |         |       |              |                    |                   |       |                    |                   |       |              |                   |       |
|----------------------------------------|---------|-----------|-----------|---------|-------|--------------|--------------------|-------------------|-------|--------------------|-------------------|-------|--------------|-------------------|-------|
| RPT Date: Jun 24, 2013                 |         |           | DUPLICATE |         |       | Method Blank | REFERENCE MATERIAL |                   |       | METHOD BLANK SPIKE |                   |       | MATRIX SPIKE |                   |       |
| PARAMETER                              | Batch   | Sample Id | Dup #1    | Dup #2  | RPD   |              | Measured Value     | Acceptable Limits |       | Recovery           | Acceptable Limits |       | Recovery     | Acceptable Limits |       |
|                                        |         |           |           |         |       |              |                    | Lower             | Upper |                    | Lower             | Upper |              | Lower             | Upper |
| Inorganic Chemistry (Water)            |         |           |           |         |       |              |                    |                   |       |                    |                   |       |              |                   |       |
| Electrical Conductivity                | 4464538 |           | 325       | 322     | 0.9%  | < 2          | 105%               | 80%               | 120%  | NA                 |                   |       | NA           |                   |       |
| pH                                     | 4464538 |           | 7.17      | 7.31    | 1.9%  | NA           | 96%                | 90%               | 110%  | NA                 |                   |       | NA           |                   |       |
| Total Suspended Solids                 | 1       |           | 7         | 6       | 15.4% | < 10         | 92%                | 80%               | 120%  | NA                 | 0%                | 0%    | NA           | 0%                | 0%    |
| Alkalinity (as CaCO3)                  | 4464538 |           | 86        | 86      | 0.3%  | < 5          | 96%                | 80%               | 120%  | NA                 |                   |       | NA           |                   |       |
| Nitrate as N                           | 4462079 |           | <0.25     | <0.25   | 0.0%  | < 0.05       | 92%                | 90%               | 110%  | 94%                | 90%               | 110%  | 101%         | 80%               | 120%  |
| Nitrite as N                           | 4462079 |           | <0.25     | <0.25   | 0.0%  | < 0.05       | NA                 | 90%               | 110%  | 101%               | 90%               | 110%  | 96%          | 80%               | 120%  |
| Sulphate                               | 4462079 |           | 65.7      | 63.8    | 3.0%  | < 0.10       | 98%                | 90%               | 110%  | 96%                | 90%               | 110%  | 96%          | 80%               | 120%  |
| Ammonia as N                           | 4455432 |           | <0.02     | <0.02   | 0.0%  | < 0.02       | 97%                | 90%               | 110%  | NA                 | 90%               | 110%  | 83%          | 80%               | 120%  |
| Phenols                                | 1       | 4456575   | < 0.001   | < 0.001 | 0.0%  | < 0.001      | 97%                | 90%               | 110%  | 95%                | 90%               | 110%  | 101%         | 80%               | 120%  |
| Chemical Oxygen Demand                 | 1       |           | 17        | 18      | 5.7%  | < 5          | 101%               | 90%               | 110%  | 101%               | 90%               | 110%  | 112%         | 70%               | 130%  |
| Calcium                                | 1       |           | 5.71      | 5.58    | 2.3%  | < 0.05       | 102%               | 90%               | 110%  | 100%               | 90%               | 110%  | 100%         | 70%               | 130%  |
| Magnesium                              | 1       |           | 2.89      | 2.91    | 0.7%  | < 0.05       | 101%               | 90%               | 110%  | 100%               | 90%               | 110%  | 98%          | 70%               | 130%  |
| Sodium                                 | 1       |           | 14.0      | 14.0    | 0.0%  | < 0.05       | 102%               | 90%               | 110%  | 101%               | 90%               | 110%  | 101%         | 70%               | 130%  |
| Potassium                              | 1       |           | 0.77      | 0.72    | 6.7%  | < 0.05       | 103%               | 90%               | 110%  | 102%               | 90%               | 110%  | 103%         | 70%               | 130%  |
| Arsenic                                | 1       |           | < 0.003   | < 0.003 | 0.0%  | < 0.003      | 105%               | 90%               | 110%  | 102%               | 90%               | 110%  | 106%         | 70%               | 130%  |
| Cadmium                                | 1       |           | < 0.002   | < 0.002 | 0.0%  | < 0.002      | 100%               | 90%               | 110%  | 100%               | 90%               | 110%  | 105%         | 70%               | 130%  |
| Chromium                               | 1       |           | < 0.003   | < 0.003 | 0.0%  | < 0.003      | 102%               | 90%               | 110%  | 105%               | 90%               | 110%  | 96%          | 70%               | 130%  |
| Copper                                 | 1       |           | < 0.003   | < 0.003 | 0.0%  | < 0.003      | 101%               | 90%               | 110%  | 103%               | 90%               | 110%  | 99%          | 70%               | 130%  |
| Iron                                   | 1       |           | 0.053     | 0.062   | 15.7% | < 0.010      | 109%               | 90%               | 110%  | 108%               | 90%               | 110%  | 112%         | 70%               | 130%  |
| Lead                                   | 1       |           | < 0.002   | < 0.002 | 0.0%  | < 0.002      | 94%                | 90%               | 110%  | 96%                | 90%               | 110%  | 94%          | 70%               | 130%  |
| Mercury                                | 1       |           | <0.0001   | <0.0001 | 0.0%  | < 0.0001     | 95%                | 90%               | 110%  | 98%                | 90%               | 110%  | 98%          | 80%               | 120%  |
| Nickel                                 | 1       |           | < 0.003   | < 0.003 | 0.0%  | < 0.003      | 101%               | 90%               | 110%  | 98%                | 90%               | 110%  | 101%         | 70%               | 130%  |
| Comments: NA signifies Not Applicable. |         |           |           |         |       |              |                    |                   |       |                    |                   |       |              |                   |       |
| Lead & Phenols (Water)                 |         |           |           |         |       |              |                    |                   |       |                    |                   |       |              |                   |       |
| Phenols                                | 1       | 4456575   | < 1.0     | < 1.0   | 0.0%  | < 1.0        | 97%                | 90%               | 110%  | 95%                | 90%               | 110%  | 101%         | 80%               | 120%  |
| Lead                                   | 1       | 4456575   | < 2.0     | < 2.0   | 0.0%  | < 2.0        | 94%                | 90%               | 110%  | 96%                | 90%               | 110%  | 94%          | 70%               | 130%  |
| BOD (water)                            |         |           |           |         |       |              |                    |                   |       |                    |                   |       |              |                   |       |
| BOD (5)                                | 1       |           | < 5       | < 5     | 0.0%  | < 5          | 100%               | 75%               | 125%  | NA                 | 0%                | 0%    | NA           | 0%                | 0%    |

Certified By:



## Method Summary

CLIENT NAME: DEFENCE CONSTRUCTION CANADA

AGAT WORK ORDER: 13T726077

PROJECT NO: Alert

ATTENTION TO: Chris McRae

| PARAMETER                         | AGAT S.O.P   | LITERATURE REFERENCE                 | ANALYTICAL TECHNIQUE |
|-----------------------------------|--------------|--------------------------------------|----------------------|
| <b>Microbiology Analysis</b>      |              |                                      |                      |
| Fecal Coliform                    | MIC-93-7000  | SM 9222 D                            | MF/INCUBATOR         |
| <b>Trace Organics Analysis</b>    |              |                                      |                      |
| Benzene                           | VOL-91-5001  | EPA SW-846 5230B & 8260              | (P&T)GC/MS           |
| Toluene                           | VOL-91-5001  | EPA SW-846 5230B & 8260              | (P&T)GC/MS           |
| Ethylbenzene                      | VOL-91-5001  | EPA SW-846 5230B & 8260              | (P&T)GC/MS           |
| m & p-Xylene                      | VOL-91-5001  | EPA SW-846 5230B & 8260              | (P&T)GC/MS           |
| o-Xylene                          | VOL-91-5001  | EPA SW-846 5230B & 8260              | (P&T)GC/MS           |
| Xylene Mixture (Total)            | VOL-91-5001  | EPA SW-846 5230B & 8260              | (P&T)GC/MS           |
| Toluene-d8                        | VOL-91-5001  | EPA SW-846 5230B & 8260              | (P&T)GC/MS           |
| 4-Bromofluorobenzene              | VOL-91-5001  | EPA SW-846 5230B & 8260              | (P&T)GC/MS           |
| Naphthalene                       | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Acenaphthylene                    | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Acenaphthene                      | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Fluorene                          | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Phenanthrene                      | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Anthracene                        | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Fluoranthene                      | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Pyrene                            | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Benz(a)anthracene                 | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Chrysene                          | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Benzo(b)fluoranthene              | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Benzo(k)fluoranthene              | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Benzo(a)pyrene                    | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Indeno(1,2,3-cd)pyrene            | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Dibenz(a,h)anthracene             | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Benzo(g,h,i)perylene              | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| 2-and 1-methyl Naphthalene        | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Chrysene-d12                      | ORG-91-5105  | EPA SW-846 3510 & 8270               | GC/MS                |
| Benzene                           | VOL-91-5010  | MOE PHC E3421                        | (P&T)GC/MS           |
| Toluene                           | VOL-91-5010  | MOE PHC E3421                        | (P&T)GC/MS           |
| Ethylbenzene                      | VOL-91-5010  | MOE PHC E3421                        | (P&T)GC/MS           |
| Xylene Mixture                    | VOL-91-5010  | MOE PHC E3421                        | (P&T)GC/MS           |
| F1 (C6 to C10)                    | VOL-91-5010  | MOE PHC E3421                        | (P&T)GC/FID          |
| F1 (C6 to C10) minus BTEX         | VOL-91-5010  | MOE PHC E3421                        | (P&T)GC/FID          |
| F2 (C10 to C16)                   | VOL-91-5010  | MOE PHC E3421                        | GC/FID               |
| F2 (C10 to C16) minus Naphthalene | VOL-91-5010  | MOE PHC E3421                        | GC/FID               |
| F3 (C16 to C34)                   | VOL-91-5010  | MOE PHC E3421                        | GC/FID               |
| F3 (C16 to C34) minus PAHs        | VOL-91-5010  | MOE PHC E3421                        | GC/FID               |
| F4 (C34 to C50)                   | VOL-91- 5010 | MOE PHC- E3421                       | GC/FID               |
| Gravimetric Heavy Hydrocarbons    | VOL-91-5010  | MOE PHC E3421                        | BALANCE              |
| Terphenyl                         | VOL-91-5010  |                                      | GC/FID               |
| Oil and Grease (animal/vegetable) | VOL-91- 5011 | SM 5520 & EPA SW846 3510C & EPA 1664 | GRAVIMETRIC          |
| Oil and Grease (mineral) in water | VOL-91- 5011 | SM 5520 & EPA SW846 3510C & EPA 1664 | GRAVIMETRIC          |
| Oil and Grease (Total) in water   | VOL-91- 5011 | SM 5520 & EPA SW846 3510C & EPA 1664 | GRAVIMETRIC          |

## Method Summary

**CLIENT NAME: DEFENCE CONSTRUCTION CANADA**
**AGAT WORK ORDER: 13T726077**
**PROJECT NO: Alert**
**ATTENTION TO: Chris McRae**

| PARAMETER                              | AGAT S.O.P   | LITERATURE REFERENCE                      | ANALYTICAL TECHNIQUE    |
|----------------------------------------|--------------|-------------------------------------------|-------------------------|
| <b>Water Analysis</b>                  |              |                                           |                         |
| BOD (5)                                | INOR-93-6006 | SM 5210 B                                 | DO METER                |
| Electrical Conductivity                | INOR-93-6000 | SM 2510 B                                 | PC TITRATE              |
| pH                                     | INOR-93-6000 | SM 4500-H+ B                              | PC TITRATE              |
| Total Suspended Solids                 | INOR-93-6028 | SM 2540 D                                 | BALANCE                 |
| Total Hardness (as CaCO <sub>3</sub> ) | MET-93-6105  | EPA SW-846 6010C & 200.7                  | ICP/OES                 |
| Alkalinity (as CaCO <sub>3</sub> )     | INOR-93-6000 | SM 2320 B                                 | PC TITRATE              |
| Nitrate as N                           | INOR-93-6004 | SM 4110 B                                 | ION CHROMATOGRAPH       |
| Nitrite as N                           | INOR-93-6004 | SM 4110 B                                 | ION CHROMATOGRAPH       |
| Sulphate                               | INOR-93-6004 | SM 4110 B                                 | ION CHROMATOGRAPH       |
| Ammonia as N                           | INOR-93-6002 | AQ2 EPA-103A & SM 4500 NH <sub>3</sub> -F | AQ-2 DISCRETE ANALYZER  |
| Phenols                                | INOR-93-6050 | MOE ROPHEN-E 3179 & SM 5530 D             | TECHNICON AUTO ANALYZER |
| Chemical Oxygen Demand                 | INOR-93-6042 | SM 5220 D                                 | SPECTROPHOTOMETER       |
| Calcium                                | MET-93-6105  | EPA SW-846 6010C & 200.7                  | ICP/OES                 |
| Magnesium                              | MET-93-6105  | EPA SW-846 6010C & 200.7                  | ICP/OES                 |
| Sodium                                 | MET-93-6105  | EPA SW-846 6010C & 200.7                  | ICP/OES                 |
| Potassium                              | MET-93-6105  | EPA SW-846 6010C & 200.7                  | ICP/OES                 |
| Arsenic                                | MET-93-6103  | EPA SW-846 6020A & 200.8                  | ICP-MS                  |
| Cadmium                                | MET-93-6103  | EPA SW-846 6020A & 200.8                  | ICP-MS                  |
| Chromium                               | MET-93-6103  | EPA SW-846 6020A & 200.8                  | ICP-MS                  |
| Copper                                 | MET-93-6103  | EPA SW-846 6020A & 200.8                  | ICP-MS                  |
| Iron                                   | MET-93-6103  | EPA SW-846 6020A & 200.8                  | ICP-MS                  |
| Lead                                   | MET-93-6103  | EPA SW-846 6020A & 200.8                  | ICP-MS                  |
| Mercury                                | MET-93-6100  | EPA SW 846 7470 & 245.1                   | CVAAS                   |
| Nickel                                 | MET-93-6103  | EPA SW-846 6020A & 200.8                  | ICP-MS                  |
| Phenols                                | INOR-93-6050 | MOE ROPHEN-E 3179 & SM 5530 D             | TECHNICON AUTO ANALYZER |
| Lead                                   | MET-93-6103  | EPA SW-846 6020A & 200.8                  | ICP-MS                  |
| Lead                                   | MET-93-6103  | EPA SW-846 6020A & 200.8                  | ICP-MS                  |



## CHAIN OF CUSTODY RECORD

4 coolers

5835 Coopers Avenue  
Mississauga, Ontario, L4Z 1Y2  
Phone: 905-712-5100; Fax: 905-712-5122  
Toll Free: 800-856-6261  
www.agatlabs.com  
http://websearch.agatlabs.com

### LABORATORY USE ONLY

Arrival Condition: ☐ Good

Arrival Temperature: 13.7°C

Notes: 13.7°C

① 9.7/9.4/9.8  
② 8.3/8.9/8.6  
③ 9.0/8.2/8.8  
AGAT WO #: 99.0182/8.8

### Client Information

Company: OC  
Contact: Chris McFue  
Address: 14 Alast Blvd  
Weston ON K0K 3W0  
Phone: 613-849-9681 Fax:   
Project: Alast PO:   
AGAT Quotation #:   
Please note, if quotation number is not provided, client will be billed full price for analysis.

Invoice To Same as Above? (Yes/No (circle))

Company:   
Contact:   
Address:   
Phone:  Fax:

### Report Information - reports to be sent to:

1. Name: Chris McFue  
Email: chris.mcfue@occc-cogov.ca  
2. Name:   
Email:

### Regulatory Requirements

☐ Regulation 153 ☐ Sewer Use  
Table (Indicate one) Region (Indicate one)  
☐ Ind/Com ☐ Sanitary  
☐ Res/Park ☐ Storm  
Soil Texture (check one)  
☐ Coarse ☐ Med/Fine  
☐ Prov. Water Quality Objectives (PWQO)  
☐ Nutrient Management Act (NMA)

Is this a drinking water sample (potable water intended for human consumption)?  
☐ Yes ☐ No (If "Yes" please use the Drinking Water Chain of Custody Record)

Metals and Inorganics  
Metal Scan (excl. Hg, B, Cr6)  
CCME Fractions 1 to 4  
VOCs  
PAHs  
PCBs  
TCLP Metals/Inorganics  
TCLP  
Storm Sewer Use  
Sanitary Sewer Use

### Report Format

☐ Single Sample per Page  
☐ Multiple Samples per Page  
☐ Results by Fax

### Turnaround Time (TAT) Required \*

Regular TAT: ☒ 5 to 7 Working Days  
Rush TAT: (please provide prior notification)  
Rush Surcharges Apply  
☐ 3 to 5 Working Days  
☐ 2 Working Days  
☐ 1 Working Day  
OR  
DATE REQUIRED (Rush surcharges may apply):

\*TAT is exclusive of weekends and statutory holidays

### LABORATORY USE ONLY

LAB SAMPLE ID

| Sample Identification     | Date Sampled | Time Sampled | Sample Matrix | # of Containers | Comments Site/ Sample Information | Metals and Inorganics | VOCs | PAHs | PCBs | TCLP Metals/Inorganics | TCLP | Storm Sewer Use | Sanitary Sewer Use | LABORATORY USE ONLY |
|---------------------------|--------------|--------------|---------------|-----------------|-----------------------------------|-----------------------|------|------|------|------------------------|------|-----------------|--------------------|---------------------|
| Alt-4                     | June 9/2013  |              | SW            |                 |                                   |                       |      |      |      |                        |      |                 |                    |                     |
| Alt-5                     |              |              |               |                 |                                   |                       |      |      |      |                        |      |                 |                    |                     |
| Alt-6                     |              |              |               |                 |                                   |                       |      |      |      |                        |      |                 |                    |                     |
| Alt-7                     |              |              |               |                 |                                   |                       |      |      |      |                        |      |                 |                    |                     |
| Alt-8                     |              |              |               |                 |                                   |                       |      |      |      |                        |      |                 |                    |                     |
| Alt-9                     |              |              |               |                 |                                   |                       |      |      |      |                        |      |                 |                    |                     |
| Alt-10                    |              |              |               |                 |                                   |                       |      |      |      |                        |      |                 |                    |                     |
| Alt-11                    |              |              |               |                 |                                   |                       |      |      |      |                        |      |                 |                    |                     |
| See next page for details |              |              |               |                 |                                   |                       |      |      |      |                        |      |                 |                    |                     |
| Alt-9 + SS                |              |              |               |                 |                                   |                       |      |      |      |                        |      |                 |                    |                     |
| Alt-10 + SS               |              |              |               |                 |                                   |                       |      |      |      |                        |      |                 |                    |                     |
| Alt-11 + SS               |              |              |               |                 |                                   |                       |      |      |      |                        |      |                 |                    |                     |
| DSS                       |              |              |               |                 |                                   |                       |      |      |      |                        |      |                 |                    |                     |
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