

**CLIENT NAME: DEFENCE CONSTRUCTION CANADA
14 ALERT BLVD, 8 WING TRENTON
ASTRA, ON K0K3W0**

ATTENTION TO: Chris McRae

PROJECT NO: Euerka

AGAT WORK ORDER: 11T500357

MICROBIOLOGY ANALYSIS REVIEWED BY: Elizabeth Polakowska, MSc (Animal Sci), PhD (Agri Sci), Inorganic Lab Supervisor

TRACE ORGANICS REVIEWED BY: Jacky Takeuchi, BScH (Chem Eng), BSc (Bio), C.Chem, Laboratory Manager

WATER ANALYSIS REVIEWED BY: Elizabeth Polakowska, MSc (Animal Sci), PhD (Agri Sci), Inorganic Lab Supervisor

DATE REPORTED: Jun 17, 2011

PAGES (INCLUDING COVER): 20

VERSION*: 1

Should you require any information regarding this analysis please contact your client services representative at (905) 712 5100, or at 1-800-856-6261

***NOTES**

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



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 11T500357

PROJECT NO: Euerka

5835 COOPERS AVENUE
MISSISSAUGA, ONTARIO
CANADA L4Z 1Y2
TEL (905)712-5100
FAX (905)712-5122
<http://www.agatlabs.com>

CLIENT NAME: DEFENCE CONSTRUCTION CANADA

ATTENTION TO: Chris McRae

Microbiological Analysis (water)

DATE SAMPLED: Jun 04, 2011

DATE RECEIVED: Jun 09, 2011

DATE REPORTED: Jun 17, 2011

SAMPLE TYPE: Water

Parameter	Unit	G / S	RDL	ERK-1 2462677	RDL	ERK-3 2462698	RDL	ERK-4 2462716	ERK-5 2462732
Fecal Coliform	CFU/100mL		100	1800 *	2	ND *	1	1 *	ND *

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: Refers to SDWA - Microbiology

2462677-2462732 * The FC results are flagged due to a hold time exceedance.

>1 indicates dilutions of the sample.

ND = Not Detected.

Certified By:

Elizabeth Potokowska



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CLIENT NAME: DEFENCE CONSTRUCTION CANADA

ATTENTION TO: Chris McRae

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

DATE SAMPLED: Jun 04, 2011

DATE RECEIVED: Jun 09, 2011

DATE REPORTED: Jun 17, 2011

SAMPLE TYPE: Water

ERK-2 2462695				
Parameter	Unit	G / S	RDL	
Benzene	µg/L	5.0	0.20	<0.20
Toluene	µg/L	0.8	0.20	<0.20
Ethylbenzene	µg/L	2.4	0.10	<0.10
m & p-Xylene	µg/L		0.20	<0.20
o-Xylene	µg/L		0.10	<0.10
Xylene Mixture (Total)	µg/L	72	0.20	<0.20
Surrogate	Unit	Acceptable Limits		
Toluene-d8	% Recovery	60-130	86	
4-Bromofluorobenzene	% Recovery	70-130	99	

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: Refers to T1(All-GW)

2462695 Results relate only to the items tested.

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CLIENT NAME: DEFENCE CONSTRUCTION CANADA

ATTENTION TO: Chris McRae

O. Reg 153 Petroleum Hydrocarbon F1 - F4 in Water

DATE SAMPLED: Jun 04, 2011

DATE RECEIVED: Jun 09, 2011

DATE REPORTED: Jun 17, 2011

SAMPLE TYPE: Water

Parameter	Unit	G / S	RDL	ERK-3	ERK-4	ERK-5
				2462698	2462716	2462732
Benzene	µg/L		0.2	<0.2	<0.2	<0.2
Toluene	µg/L		0.2	<0.2	<0.2	<0.2
Ethylbenzene	µg/L		0.1	<0.1	<0.1	<0.1
Xylene Mixture (Total)	µg/L		0.2	<0.2	<0.2	<0.2
C6 - C10 (F1)	µg/L		25	<25	<25	<25
C6 - C10 (F1 minus BTEX)	µg/L		25	<25	<25	<25
C>10 - C16 (F2)	µg/L		100	<100	<100	<100
C6 - C16 (F1 + F2)	µg/L		100	<100	<100	<100
C>16 - C34 (F3)	µg/L		100	<100	<100	<100
C>34 - C50 (F4)	µg/L		100	<100	<100	<100
C>16 - C50 (F3 + F4)	µg/L		100	<100	<100	<100
Gravimetric Heavy Hydrocarbons	µg/L		500	NA	NA	NA

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

2462698-2462732 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 >C50 are present.
Total C6-C50 results are corrected for BTEX contributions.
This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.
nC6 and nC10 response factors are within 30% of Toluene response factor.
nC10, nC16 and nC34 response factors are within 10% of their average.
C50 response factor is within 70% of nC10 + nC16 nC34 average.
Linearity is within 15%.
Extraction and holding times were met for this sample.
Fractions 1-4 are quantified with the contribution of PAHs. Under Ontario Regulation 153, results are considered valid without determining the PAH contribution if not requested by the client.
NA = Not Applicable

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O. Reg. 153 - PAHs in Water

DATE SAMPLED: Jun 04, 2011

DATE RECEIVED: Jun 09, 2011

DATE REPORTED: Jun 17, 2011

SAMPLE TYPE: Water

Parameter	Unit	G / S	RDL	ERK-3 2462698	ERK-4 2462716	ERK-5 2462732
Naphthalene	µg/L		0.12	<0.12	<0.12	<0.12
Acenaphthylene	µg/L		0.11	<0.11	<0.11	<0.11
Acenaphthene	µg/L		0.10	<0.10	<0.10	<0.10
Fluorene	µg/L		0.09	<0.09	<0.09	<0.09
Phenanthrene	µg/L		0.10	<0.10	<0.10	<0.10
Anthracene	µg/L		0.05	<0.05	<0.05	<0.05
Fluoranthene	µg/L		0.12	<0.12	<0.12	<0.12
Pyrene	µg/L		0.05	<0.05	<0.05	<0.05
Benzo(a)anthracene	µg/L		0.08	<0.08	<0.08	<0.08
Chrysene	µg/L		0.05	<0.05	<0.05	<0.05
Benzo(b)fluoranthene	µg/L		0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	µg/L		0.05	<0.05	<0.05	<0.05
Benzo(a)pyrene	µg/L		0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	µg/L		0.06	<0.06	<0.06	<0.06
Dibenzo(a,h)anthracene	µg/L		0.09	<0.09	<0.09	<0.09
Benzo(g,h,i)perylene	µg/L		0.06	<0.06	<0.06	<0.06
2-and 1-methyl Naphthalene	µg/L		0.20	<0.20	<0.20	<0.20
Surrogate	Unit	Acceptable Limits				
Chrysene-d12	%	60-130	94	82	93	

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

Certified By:

Judy Takewicki



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O. Regulation 153 - Volatile Organic Compounds in Water

DATE SAMPLED: Jun 04, 2011

DATE RECEIVED: Jun 09, 2011

DATE REPORTED: Jun 17, 2011

SAMPLE TYPE: Water

Parameter	Unit	G / S	RDL	Field Blank	Trip Blank
				2462753	2462757
Dichlorodifluoromethane	µg/L		0.20	<0.20	<0.20
Chloromethane	µg/L		0.40	<0.40	<0.40
Vinyl Chloride	µg/L		0.17	<0.17	<0.17
Bromomethane	µg/L		0.20	<0.20	<0.20
Chloroethane	µg/L		0.20	<0.20	<0.20
Trichlorofluoromethane	µg/L		0.40	<0.40	<0.40
Acetone	µg/L		1.0	<1.0	<1.0
1,1 Dichloroethylene	µg/L		0.30	<0.30	<0.30
Methylene Chloride	µg/L		0.30	<0.30	<0.30
trans- 1,2-dichloroethylene	µg/L		0.20	<0.20	<0.20
Methyl tert-butyl ether	µg/L		0.20	<0.20	<0.20
1,1-Dichloroethane	µg/L		0.30	<0.30	<0.30
Methyl Ethyl Ketone	µg/L		1.0	<1.0	<1.0
cis- 1,2-Dichloroethylene	µg/L		0.20	<0.20	<0.20
Chloroform	µg/L		0.20	<0.20	<0.20
1,2 - Dichloroethane	µg/L		0.20	<0.20	<0.20
1,1,1-Trichloroethane	µg/L		0.30	<0.30	<0.30
Carbon Tetrachloride	µg/L		0.20	<0.20	<0.20
Benzene	µg/L		0.20	<0.20	<0.20
1,2-Dichloropropane	µg/L		0.20	<0.20	<0.20
Trichloroethylene	µg/L		0.20	<0.20	<0.20
Bromodichloromethane	µg/L		0.20	<0.20	<0.20
cis-1,3-Dichloropropene	ug/L		0.20	<0.20	<0.20
Methyl Isobutyl Ketone	µg/L		1.0	<1.0	<1.0
trans-1,3-Dichloropropene	µg/L		0.30	<0.30	<0.30
1,1,2-Trichloroethane	µg/L		0.20	<0.20	<0.20
Toluene	µg/L		0.20	<0.20	<0.20
2-Hexanone	µg/L		0.30	<0.30	<0.30
Dibromochloromethane	µg/L		0.10	<0.10	<0.10
Ethylene Dibromide	µg/L		0.20	<0.20	<0.20
Tetrachloroethylene	µg/L		0.20	<0.20	<0.20
1,1,1,2-Tetrachloroethane	µg/L		0.10	<0.10	<0.10
Chlorobenzene	µg/L		0.10	<0.10	<0.10

Certified By:

Jacky Takewicki



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O. Regulation 153 - Volatile Organic Compounds in Water

DATE SAMPLED: Jun 04, 2011

DATE RECEIVED: Jun 09, 2011

DATE REPORTED: Jun 17, 2011

SAMPLE TYPE: Water

Parameter	Unit	G / S	RDL	Field Blank	Trip Blank
				2462753	2462757
Ethylbenzene	µg/L		0.10	<0.10	<0.10
m & p-Xylene	µg/L		0.20	<0.20	<0.20
Bromoform	µg/L		0.10	<0.10	<0.10
Styrene	µg/L		0.10	<0.10	<0.10
1,1,2,2-Tetrachloroethane	µg/L		0.10	<0.10	<0.10
o-Xylene	µg/L		0.10	<0.10	<0.10
1,3-Dichlorobenzene	µg/L		0.10	<0.10	<0.10
1,4-Dichlorobenzene	µg/L		0.10	<0.10	<0.10
1,2-Dichlorobenzene	µg/L		0.10	<0.10	<0.10
1,2,4-Trichlorobenzene	µg/L		0.30	<0.30	<0.30
1,3-Dichloropropene (Cis + Trans)	µg/L		0.30	<0.30	<0.30
Xylene Mixture (Total)	µg/L		0.20	<0.20	<0.20
n-Hexane	µg/L		0.20	<0.20	<0.20
Surrogate	Unit	Acceptable Limits			
Toluene-d8	% Recovery	60-130	97	94	
4-Bromofluorobenzene	% Recovery	70-130	77	78	

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

Certified By:

Jacky Takewiki



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CLIENT NAME: DEFENCE CONSTRUCTION CANADA

ATTENTION TO: Chris McRae

Oil and Grease [water]

DATE SAMPLED: Jun 04, 2011

DATE RECEIVED: Jun 09, 2011

DATE REPORTED: Jun 17, 2011

SAMPLE TYPE: Water

Parameter	Unit	G / S	RDL	ERK-1 2462677	ERK-2 2462695	ERK-3 2462698	ERK-4 2462716	ERK-5 2462732
Oil and Grease (animal/vegetable)	mg/L		0.5	7.2	0.7	0.7	<0.5	<0.5
Oil and Grease (mineral) in water	mg/L		0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Oil and Grease (Total) in water	mg/L		0.5	7.4	0.7	0.7	<0.5	<0.5

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

Certified By:

Judy Takewicki



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CLIENT NAME: DEFENCE CONSTRUCTION CANADA

ATTENTION TO: Chris McRae

BOD, pH, TSS & COD (Water)

DATE SAMPLED: Jun 04, 2011

DATE RECEIVED: Jun 09, 2011

DATE REPORTED: Jun 17, 2011

SAMPLE TYPE: Water

Parameter	Unit	G / S	RDL	ERK-1
				2462677
BOD (5)	mg/L		5	260
pH	pH Units		NA	6.82
Total Suspended Solids	mg/L		10	130
Chemical Oxygen Demand	mg/L		5	515

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

Certified By:

Elizabeth Potokowska



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CLIENT NAME: DEFENCE CONSTRUCTION CANADA

ATTENTION TO: Chris McRae

Inorganic Chemistry (Water)

DATE SAMPLED: Jun 04, 2011

DATE RECEIVED: Jun 09, 2011

DATE REPORTED: Jun 17, 2011

SAMPLE TYPE: Water

Parameter	Unit	G / S	RDL	ERK-3 2462698	ERK-4 2462716	ERK-5 2462732
BOD (5)	mg/L		5	<5	<5	<5
Electrical Conductivity	uS/cm		2	397	353	2000
pH	pH Units		NA	7.88	7.45	7.84
Total Hardness (as CaCO ₃)	mg/L		10	135	94	402
Total Suspended Solids	mg/L		10	5340	71	28
Alkalinity (as CaCO ₃)	mg/L		5	54	23	52
Nitrate as N	mg/L		0.05	0.44	<0.05	<0.05
Nitrite as N	mg/L		0.05	<0.05	<0.05	<0.05
Sulphate	mg/L		0.10	63.3	105	156
Ammonia as N	mg/L		0.02	0.08	<0.02	0.04
Chemical Oxygen Demand	mg/L		5	18	<5	15
Phenols	mg/L		0.001	<0.001	<0.001	<0.001
Calcium	mg/L		0.05	34.3	28.1	74.9
Magnesium	mg/L		0.05	11.9	5.79	52.2
Sodium	mg/L		0.05	32.6	37.3	255
Potassium	mg/L		0.05	3.38	2.86	7.61
Arsenic	mg/L		0.003	0.004	<0.003	<0.003
Cadmium	mg/L		0.001	0.001	<0.001	<0.001
Chromium	mg/L		0.003	0.020	<0.003	<0.003
Copper	mg/L		0.003	0.151	0.004	0.004
Iron	mg/L		0.010	39.0	0.522	0.557
Lead	mg/L		0.002	0.029	<0.002	<0.002
Mercury	mg/L		0.0001	<0.0001	<0.0001	<0.0001
Nickel	mg/L		0.003	0.115	<0.003	0.005

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

Certified By:

Elizabeth Potokowska



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CLIENT NAME: DEFENCE CONSTRUCTION CANADA

ATTENTION TO: Chris McRae

Lead & Phenols (Water)

DATE SAMPLED: Jun 04, 2011

DATE RECEIVED: Jun 09, 2011

DATE REPORTED: Jun 17, 2011

SAMPLE TYPE: Water

Parameter	Unit	G / S	RDL	ERK-2
				2462695
Lead	mg/L		0.002	<0.002
Phenols	mg/L		0.001	<0.001

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

Certified By:

Elizabeth Potokowska

Quality Assurance

CLIENT NAME: DEFENCE CONSTRUCTION CANADA

AGAT WORK ORDER: 11T500357

PROJECT NO: Euerka

ATTENTION TO: Chris McRae

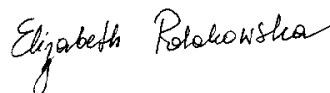
Microbiology Analysis

RPT Date: Jun 17, 2011			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

Microbiological Analysis (water)

Fecal Coliform	1		ND	ND	0.0%	< 1
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Comments: ND = Not Detected.

Certified By:


Quality Assurance

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Trace Organics Analysis

RPT Date: Jun 17, 2011			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 Petroleum Hydrocarbon F1 - F4 in Water

Benzene	1		< 0.2	< 0.2	0.0%	< 0.2	91%	70%	130%	86%	70%	130%	103%	70%	130%
Toluene	1		< 0.2	< 0.2	0.0%	< 0.2	95%	70%	130%	86%	70%	130%	95%	70%	130%
Ethylbenzene	1		< 0.1	< 0.1	0.0%	< 0.1	108%	70%	130%	100%	70%	130%	103%	70%	130%
Xylene Mixture (Total)	1		< 0.2	< 0.2	0.0%	< 0.2	109%	70%	130%	106%	70%	130%	104%	70%	130%
C6 - C10 (F1)	1		< 25	< 25	0.0%	< 25	127%	60%	130%	102%	60%	130%	89%	60%	130%

O. Reg. 153 - PAHs in Water

Naphthalene	1					< 0.12	102%	60%	140%	78%	60%	140%		60%	140%
Acenaphthylene	1					< 0.11	103%	60%	140%	79%	60%	140%		60%	140%
Acenaphthene	1					< 0.10	104%	60%	140%	78%	60%	140%		60%	140%
Fluorene	1					< 0.09	104%	60%	140%	83%	60%	140%		60%	140%
Phenanthrene	1					< 0.10	108%	60%	140%	88%	60%	140%		60%	140%
Anthracene	1					< 0.05	108%	60%	140%	88%	60%	140%		60%	140%
Fluoranthene	1					< 0.12	109%	60%	140%	91%	60%	140%		60%	140%
Pyrene	1					< 0.05	106%	60%	140%	96%	60%	140%		60%	140%
Benzo(a)anthracene	1					< 0.08	99%	60%	140%	94%	60%	140%		60%	140%
Chrysene	1					< 0.05	98%	60%	140%	94%	60%	140%		60%	140%
Benzo(b)fluoranthene	1					< 0.05	102%	60%	140%	89%	60%	140%		60%	140%
Benzo(k)fluoranthene	1					< 0.05	103%	60%	140%	88%	60%	140%		60%	140%
Benzo(a)pyrene	1					< 0.01	95%	60%	140%	95%	60%	140%		60%	140%
Indeno(1,2,3-cd)pyrene	1					< 0.06	102%	60%	140%	103%	60%	140%		60%	140%
Dibenzo(a,h)anthracene	1					< 0.09	94%	60%	140%	81%	60%	140%		60%	140%
Benzo(g,h,i)perylene	1					< 0.06	91%	60%	140%	90%	60%	140%		60%	140%
2-and 1-methyl Naphthalene	1					< 0.20	106%	60%	140%	71%	70%	130%		60%	140%

O. Reg 153 Petroleum Hydrocarbon F1 - F4 in Water

C>10 - C16 (F2)	1		< 100	< 100	0.0%	< 100	100%	70%	130%	94%	70%	130%		70%	130%
C>16 - C34 (F3)	1		< 100	< 100	0.0%	< 100	100%	70%	130%	95%	70%	130%		70%	130%
C>34 - C50 (F4)	1		< 100	< 100	0.0%	< 100	103%	70%	130%	93%	70%	130%		70%	130%

O. Regulation 153 - Volatile Organic Compounds in Water

Dichlorodifluoromethane	1		< 0.20	< 0.20	0.0%	< 0.20	104%	60%	130%	110%	60%	130%	109%	60%	130%
Chloromethane	1		< 0.40	< 0.40	0.0%	< 0.40	114%	60%	130%	109%	60%	130%	102%	60%	130%
Vinyl Chloride	1		< 0.17	< 0.17	0.0%	< 0.17	106%	60%	130%	105%	60%	130%	100%	60%	130%
Bromomethane	1		< 0.20	< 0.20	0.0%	< 0.20	118%	60%	130%	104%	60%	130%	99%	60%	130%
Chloroethane	1		< 0.20	< 0.20	0.0%	< 0.20	111%	60%	130%	109%	60%	130%	105%	60%	130%
Trichlorofluoromethane	1		< 0.40	< 0.40	0.0%	< 0.40	115%	60%	130%	100%	60%	130%	109%	60%	130%
Acetone	1		< 1.0	< 1.0	0.0%	< 1.0	112%	60%	130%	120%	60%	130%	106%	60%	130%
1,1 Dichloroethylene	1		< 0.30	< 0.30	0.0%	< 0.30	104%	60%	130%	82%	60%	130%	79%	60%	130%
Methylene Chloride	1		< 0.30	< 0.30	0.0%	< 0.30	94%	60%	130%	113%	60%	130%	97%	60%	130%
trans- 1,2-dichloroethylene	1		< 0.20	< 0.20	0.0%	< 0.20	102%	60%	130%	82%	60%	130%	78%	60%	130%

Quality Assurance

CLIENT NAME: DEFENCE CONSTRUCTION CANADA

AGAT WORK ORDER: 11T500357

PROJECT NO: Euerka

ATTENTION TO: Chris McRae

Trace Organics Analysis (Continued)

RPT Date: Jun 17, 2011			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
Methyl tert-butyl ether	1		< 0.20	< 0.20	0.0%	< 0.20	101%	60%	130%	88%	60%	130%	79%	60%	130%
1,1-Dichloroethane	1		< 0.30	< 0.30	0.0%	< 0.30	116%	60%	130%	98%	60%	130%	89%	60%	130%
Methyl Ethyl Ketone	1		< 1.0	< 1.0	0.0%	< 1.0	79%	60%	130%	95%	60%	130%	87%	60%	130%
cis- 1,2-Dichloroethylene	1		< 0.20	< 0.20	0.0%	< 0.20	95%	60%	130%	89%	60%	130%	82%	60%	130%
Chloroform	1		< 0.20	< 0.20	0.0%	< 0.20	115%	60%	130%	103%	60%	130%	94%	60%	130%
1,2 - Dichloroethane	1		< 0.20	< 0.20	0.0%	< 0.20	108%	60%	130%	103%	60%	130%	89%	60%	130%
1,1,1-Trichloroethane	1		< 0.30	< 0.30	0.0%	< 0.30	112%	60%	130%	90%	60%	130%	84%	60%	130%
Carbon Tetrachloride	1		< 0.20	< 0.20	0.0%	< 0.20	109%	60%	130%	91%	60%	130%	89%	60%	130%
Benzene	1		< 0.20	< 0.20	0.0%	< 0.20	114%	60%	130%	88%	60%	130%	79%	60%	130%
1,2-Dichloropropane	1		< 0.20	< 0.20	0.0%	< 0.20	106%	60%	130%	89%	60%	130%	82%	60%	130%
Trichloroethylene	1		< 0.20	< 0.20	0.0%	< 0.20	106%	60%	130%	89%	60%	130%	79%	60%	130%
Bromodichloromethane	1		< 0.20	< 0.20	0.0%	< 0.20	98%	60%	130%	98%	60%	130%	84%	60%	130%
cis-1,3-Dichloropropene	1		< 0.20	< 0.20	0.0%	< 0.20	82%	60%	130%	71%	60%	130%	101%	60%	130%
Methyl Isobutyl Ketone	1		< 1.0	< 1.0	0.0%	< 1.0	114%	60%	130%	101%	60%	130%	109%	60%	130%
trans-1,3-Dichloropropene	1		< 0.30	< 0.30	0.0%	< 0.30	81%	60%	130%	86%	60%	130%	97%	60%	130%
1,1,2-Trichloroethane	1		< 0.20	< 0.20	0.0%	< 0.20	106%	60%	130%	118%	60%	130%	120%	60%	130%
Toluene	1		< 0.20	< 0.20	0.0%	< 0.20	112%	60%	130%	112%	60%	130%	116%	60%	130%
2-Hexanone	1		< 0.30	< 0.30	0.0%	< 0.30	89%	60%	130%	98%	60%	130%	110%	60%	130%
Dibromochloromethane	1		< 0.10	< 0.10	0.0%	< 0.10	110%	60%	130%	107%	60%	130%	118%	60%	130%
Ethylene Dibromide	1		< 0.20	< 0.20	0.0%	< 0.20	112%	60%	130%	108%	60%	130%	119%	60%	130%
Tetrachloroethylene	1		< 0.20	< 0.20	0.0%	< 0.20	113%	60%	130%	107%	60%	130%	118%	60%	130%
1,1,1,2-Tetrachloroethane	1		< 0.10	< 0.10	0.0%	< 0.10		60%	130%	103%	60%	130%	117%	60%	130%
Chlorobenzene	1		< 0.10	< 0.10	0.0%	< 0.10	117%	60%	130%	108%	60%	130%	116%	60%	130%
Ethylbenzene	1		< 0.10	< 0.10	0.0%	< 0.10	115%	60%	130%	95%	60%	130%	97%	60%	130%
m & p-Xylene	1		< 0.20	< 0.20	0.0%	< 0.20	118%	60%	130%	105%	60%	130%	111%	60%	130%
Bromoform	1		< 0.10	< 0.10	0.0%	< 0.10	111%	60%	130%	109%	60%	130%	120%	60%	130%
Styrene	1		< 0.10	< 0.10	0.0%	< 0.10	71%	60%	130%	78%	60%	130%	75%	60%	130%
1,1,2,2-Tetrachloroethane	1		< 0.10	< 0.10	0.0%	< 0.10		60%	130%	121%	60%	130%	112%	60%	130%
o-Xylene	1		< 0.10	< 0.10	0.0%	< 0.10	118%	60%	130%	105%	60%	130%	111%	60%	130%
1,3-Dichlorobenzene	1		< 0.10	< 0.10	0.0%	< 0.10	90%	60%	130%	72%	60%	130%	76%	60%	130%
1,4-Dichlorobenzene	1		< 0.10	< 0.10	0.0%	< 0.10	97%	60%	130%	82%	60%	130%	83%	60%	130%
1,2-Dichlorobenzene	1		< 0.10	< 0.10	0.0%	< 0.10	94%	60%	130%	80%	60%	130%	82%	60%	130%
1,2,4-Trichlorobenzene	1		< 0.30	< 0.30	0.0%	< 0.30	109%	60%	130%	91%	60%	130%	97%	60%	130%
1,3-Dichloropropene (Cis + Trans)	1		< 0.30	< 0.30	0.0%	< 0.30	81%	60%	130%	86%	60%	130%	97%	60%	130%
Xylene Mixture (Total)	1		< 0.20	< 0.20	0.0%	< 0.20	118%	60%	130%	105%	60%	130%	111%	60%	130%
n-Hexane	1		< 0.20	< 0.20	0.0%	< 0.20		60%	130%	75%	60%	130%	71%	60%	130%
Oil and Grease [water]															
Oil and Grease (animal/vegetable)	1					< 0.5		70%	130%	103%	70%	130%		70%	130%
Oil and Grease (mineral) in water	1					< 0.5		70%	130%	93%	70%	130%		70%	130%

Quality Assurance

CLIENT NAME: DEFENCE CONSTRUCTION CANADA

AGAT WORK ORDER: 11T500357

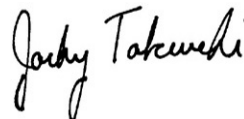
PROJECT NO: Euerka

ATTENTION TO: Chris McRae

Trace Organics Analysis (Continued)

RPT Date: Jun 17, 2011			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
Oil and Grease (Total) in water	1					< 0.5	70%	130%		98%	70%	130%		70%	130%
(P & T) - BTEX - Water (GC/MS)															
Benzene	1		< 0.20	< 0.20	0.0%	< 0.20	92%	60%	130%	77%	60%	130%	72%	60%	130%
Toluene	1		< 0.20	< 0.20	0.0%	< 0.20	84%	60%	130%	89%	60%	130%	83%	60%	130%
Ethylbenzene	1		< 0.10	< 0.10	0.0%	< 0.10	81%	60%	130%	89%	60%	130%	76%	60%	130%
m & p-Xylene	1		< 0.20	< 0.20	0.0%	< 0.20	94%	60%	130%	102%	60%	130%	86%	60%	130%
o-Xylene	1		< 0.10	< 0.10	0.0%	< 0.10	88%	60%	130%	97%	60%	130%	83%	60%	130%
Xylene Mixture (Total)	1		< 0.20	< 0.20	0.0%	< 0.20	88%	60%	130%	97%	60%	130%	83%	60%	130%

Certified By:



Quality Assurance

CLIENT NAME: DEFENCE CONSTRUCTION CANADA

AGAT WORK ORDER: 11T500357

PROJECT NO: Euerka

ATTENTION TO: Chris McRae

Water Analysis															
RPT Date: Jun 17, 2011			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

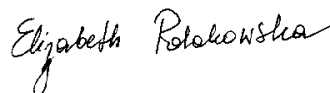
BOD, pH, TSS & COD (Water)

Chemical Oxygen Demand	1	2462677	515	491	4.8%	< 50	96%	90%	110%		90%	110%		70%	130%
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Inorganic Chemistry (Water)

BOD (5)	1		< 5	< 5	0.0%	< 5	96%	75%	125%						
Electrical Conductivity	1		452	440	2.7%	< 2	102%	80%	120%						
pH	1		7.94	7.98	0.5%	N/A	100%	90%	110%						
Total Suspended Solids	1	2462698	5340	5260	1.5%	< 10	100%	80%	120%						
Alkalinity (as CaCO3)	1		224	233	3.9%	< 5	96%	80%	120%						
Nitrate as N	1		0.20	0.25	22.2%	< 0.05	97%	90%	110%	105%	90%	110%	117%	80%	120%
Nitrite as N	1		< 0.05	< 0.05	0.0%	< 0.05	NA	90%	110%	90%	90%	110%	106%	80%	120%
Sulphate	1		8.10	8.07	0.4%	< 0.10	98%	90%	110%	100%	90%	110%	110%	80%	120%
Ammonia as N	1	2462698	0.08	0.08	0.0%	< 0.02	101%	90%	110%	101%	90%	110%	92%	80%	120%
Chemical Oxygen Demand	1		< 5	< 5	0.0%	< 5	99%	90%	110%	103%	90%	110%	112%	70%	130%
Phenols	1	2462695	< 0.001	< 0.001	0.0%	< 0.001	96%	90%	110%	104%	90%	110%	101%	80%	120%
Calcium	1		60.2	59.2	1.7%	< 0.05	101%	90%	110%	101%	90%	110%	98%	70%	130%
Magnesium	1		18.7	18.4	1.6%	< 0.05	103%	90%	110%	103%	90%	110%	101%	70%	130%
Sodium	1		44.1	44.0	0.2%	< 0.05	102%	90%	110%	103%	90%	110%	100%	70%	130%
Potassium	1		23.9	22.9	4.3%	< 0.05	97%	90%	110%	97%	90%	110%	96%	70%	130%
Arsenic	1		< 0.003	< 0.003	0.0%	< 0.003	107%	90%	110%	109%	90%	110%	123%	70%	130%
Cadmium	1		< 0.001	< 0.001	0.0%	< 0.001	100%	90%	110%	103%	90%	110%	112%	70%	130%
Chromium	1		< 0.003	< 0.003	0.0%	< 0.003	105%	90%	110%	107%	90%	110%	110%	70%	130%
Copper	1		< 0.003	< 0.003	0.0%	< 0.003	106%	90%	110%	107%	90%	110%	102%	70%	130%
Iron	1		0.146	0.148	1.4%	< 0.010	106%	90%	110%	104%	90%	110%	108%	70%	130%
Lead	1		< 0.002	< 0.002	0.0%	< 0.002	95%	90%	110%	106%	90%	110%	99%	70%	130%
Mercury	1		< 0.0001	< 0.0001	0.0%	< 0.0001	108%	90%	110%	107%	70%	130%	110%	70%	130%
Nickel	1		0.010	0.011	9.5%	< 0.003	101%	90%	110%	106%	90%	110%	109%	70%	130%

Certified By:



Method Summary

CLIENT NAME: DEFENCE CONSTRUCTION CANADA

AGAT WORK ORDER: 11T500357

PROJECT NO: Euerka

ATTENTION TO: Chris McRae

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Microbiology Analysis			
Fecal Coliform	MIC-93-7000	SM 9222 D	MF/INCUBATOR

Method Summary

CLIENT NAME: DEFENCE CONSTRUCTION CANADA
AGAT WORK ORDER: 11T500357
PROJECT NO: Euerka
ATTENTION TO: Chris McRae

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Trace Organics Analysis			
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
Benzene	VOL-91-5010	MOE PHC-E3421	(P&T)GC/FID
Toluene	VOL-91-5010	MOE PHC-E3421	(P&T)GC/FID
Ethylbenzene	VOL-91-5010	MOE PHC-E3421	(P&T)GC/FID
Xylene Mixture (Total)	VOL-91-5010	MOE PHC-E3421	(P&T)GC/FID
C6 - C10 (F1)	VOL-91-5010	MOE PHC-E3421	(P&T)GC/FID
C6 - C10 (F1 minus BTEX)	VOL-91-5010	MOE PHC-E3421	(P&T)GC/FID
C>10 - C16 (F2)	VOL-91-5010	MOE PHC-E3421	GC/FID
C6 - C16 (F1 + F2)	VOL-91-5010	MOE PHC-E3421	(P&T)GC/FID & GC/FID
C>16 - C34 (F3)	VOL-91-5010	MOE PHC-E3421	GC/FID
C>34 - C50 (F4)	VOL -91- 5010	MOE PHC-E3421	GC/FID
C>16 - C50 (F3 + F4)	VOL-91-5010	MOE PHC-E3421	GC/FID
Gravimetric Heavy Hydrocarbons	VOL-91-5010	MOE PHC-E3421	BALANCE
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
Benzo(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
Dibenzo(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 Napthalene	ORG-91-5105	EPA SW-846 3510 & 8270	GC/MS
Chrysene-d12	ORG-91-5105	EPA SW-846 3510 & 8270	GC/MS
Dichlorodifluoromethane	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Chloromethane	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Vinyl Chloride	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Bromomethane	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Chloroethane	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Trichlorofluoromethane	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Acetone	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
1,1 Dichloroethylene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Methylene Chloride	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
trans- 1,2-dichloroethylene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Methyl tert-butyl ether	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS

Method Summary

CLIENT NAME: DEFENCE CONSTRUCTION CANADA
AGAT WORK ORDER: 11T500357
PROJECT NO: Euerka
ATTENTION TO: Chris McRae

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
1,1-Dichloroethane	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Methyl Ethyl Ketone	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
cis- 1,2-Dichloroethylene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Chloroform	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
1,2 - Dichloroethane	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
1,1,1-Trichloroethane	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Carbon Tetrachloride	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Benzene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
1,2-Dichloropropane	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Trichloroethylene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Bromodichloromethane	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
cis-1,3-Dichloropropene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Methyl Isobutyl Ketone	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
trans-1,3-Dichloropropene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
1,1,2-Trichloroethane	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Toluene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
2-Hexanone	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Dibromochloromethane	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Ethylene Dibromide	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Tetrachloroethylene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
1,1,1,2-Tetrachloroethane	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Chlorobenzene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Ethylbenzene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
m & p-Xylene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Bromoform	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Styrene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
1,1,2,2-Tetrachloroethane	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
o-Xylene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
1,3-Dichlorobenzene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
1,4-Dichlorobenzene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
1,2-Dichlorobenzene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
1,2,4-Trichlorobenzene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
1,3-Dichloropropene (Cis + Trans)	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Xylene Mixture (Total)	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
n-Hexane	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
Toluene-d8	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
4-Bromofluorobenzene	VOL-91-5001	EPA SW-846 5030 & 8260	(P&T)GC/MS
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: 11T500357

PROJECT NO: Euerka

ATTENTION TO: Chris McRae

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Water Analysis			
BOD (5)	INOR-93-6006	SM 5210 B	DO METER
pH	INOR-93-6000	SM 4500-H+ B	PC TITRATE
Total Suspended Solids	INOR-93-6028	SM 2540 D	BALANCE
Chemical Oxygen Demand	INOR-93-6042	SM 5220 D	SPECTROPHOTOMETER
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 Hardness (as CaCO ₃)	MET-93-6105	EPA SW-846 6010C & 200.7 & SM 2340 B	ICP/OES
Total Suspended Solids	INOR-93-6028	SM 2540 D	BALANCE
Alkalinity (as CaCO ₃)	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 ₃ -F	AQ-2 DISCRETE ANALYZER
Chemical Oxygen Demand	INOR-93-6042	SM 5220 D	SPECTROPHOTOMETER
Phenols	INOR-93-6050	MOE ROPHEN-E 3179 & SM 5530 D	TECHNICON AUTO ANALYZER
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
Lead	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



AGAT Laboratories

CHAIN OF CUSTODY RECORD

Client Information

Company: Defence Construction Canada
 Contact: CHNS m'Lea
 Address: 14 Alast Blvd
Astra ON, K0K 3W0
 Phone: 613-912-2811 Fax: 613-912-2811
 Project: Eureka 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: CHNS m'Lea @ drc-edc.gc.ca
 Email:
 2. Name:
 Email:

Regulatory Requirements

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

Is this a drinking water sample (potable water supplied to human consumption)?
☐ No ☒ Yes (If Yes, please use the Drinking Water Chain of Custody Record)

LABORATORY USE ONLY

☐ Poor (complete "notes")
 Arrival Condition: ☐ Good
 Arrival Temperature: 9.9/6.3/8.9/7.1/7.6/8.4
 AGAT WO #: 11TS00357
 Notes:

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

Sample Identification	Date Sampled	Time Sampled	Sample Matrix	# of Containers	Comments Site/ Sample Information																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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5835 Coopers Avenue
Mississauga, Ontario, L4Z 1Y2
Phone: 905-712-5100; Fax: 905-712-5122
Toll free: 800-856-6261
www.agatlabs.com
http://webearth.agatlabs.com

LABORATORY USE ONLY

☐ Poor (complete "notes")

Arrival Condition: ☐ Good

AGAT WO #:

Notes:

http://webearth.agatlabs.com

CHAIN OF CUSTODY RECORD

Client Information

Company: Defence Construction Canada
Contact: Chris McKay
Address: 14 Alut Blvd
Asta ON, K0K 5C0
Phone: 615-342-2844 Fax: 615-342-2844
Project: Enveka 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 McKay
Email: chris.mckay@defence.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
☐ Prev. Water Quality Objectives (PWQO)
☐ Nutrient Management Act (NMA)

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

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

Sample Identification	Date Sampled	Time Sampled	Sample Matrix	# of Containers	Site/ Sample Information	Comments	Metals and Inorganics	Metal Scan (incl. Hg, B, Cr6)	CCME Fractions 1 to 4	VOCs	PAHs	PCBs	TCLP Metals/Inorganics	TCLP	Storm Sewer Use	Sanitary Sewer Use	Ammonia-Nitrogen	Calcium	Magnesium	Nitrate-Nitrite	pH	Lead	LABORATORY USE ONLY
ERK-1	07/06/11		water	6 (total)																			
ERK-2																							
ERK-3																							
ERK-4																							
ERK-5																							
Samples Relinquished By (print name & sign)							Date/Time							Date/Time							Pink Copy - Client		
C. McKay							June 9/11							1:00							Yellow + Golden Copy - AGAT		
Samples Relinquished By (print name & sign)							Date/Time							Date/Time							White Copy - AGAT		
																					PAGE 2 of 3		
																					NO: 153242		



AGAT Laboratories

CHAIN OF CUSTODY RECORD

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

LABORATORY USE ONLY

Arrival Condition: ☐ Good

Arrival Temperature: _____

Notes: _____

☐ Poor (complete "notes")

AGAT WO #: _____

Client Information

Company: Defence Construction Canada
Contact: Chris McKenney
Address: 14 Alport Blvd
Ashton ON K0K 2W0
Phone: 413-392-2811, 5387
Project: _____ 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 McKenney
Email: chris.mckenney@defence.ca
2. Name: _____
Email: _____

Regulatory Requirements

☐ Regulation 133 ☐ Sewer Use
☐ Table (Indicate one) ☐ Region (Indicate one)
☐ Ind/Com ☐ Sanitary
☐ Res/Park ☐ Storm
☐ Agriculture
☐ Soil Texture (check one)
☐ Coarse ☐ Med/Fine
☐ Prov. Water Quality Objectives (PMQO)
☐ 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 Guided Client Record)

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

Sample Identification	Date Sampled	Time Sampled	Sample Matrix	# of Containers	Site/ Sample Information	Comments	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	Oil and Grease	BTEX	TSS	Fecal Coliform	BOD	Phenols	LABORATORY USE ONLY
Erk-1	04/09/11		water (total)	29 (16x1)																			
Erk-2			water	17 (1x1)																			
Erk-3																							
Erk-4																							
Erk-5																							
Field Blank				3																			
Samples Relinquished By (print name & sign)							Samples Received By (print name & sign)							Date/Time							Date/Time		
C. McKenney							Chris McKenney							1:00							1:00		
Samples Relinquished By (print name & sign)							Samples Received By (print name & sign)							Date/Time							Date/Time		