

**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: 13T752788

MICROBIOLOGY ANALYSIS REVIEWED BY: Inesa Alizarchyk, Inorganic Lab Supervisor

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

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

DATE REPORTED: Sep 09, 2013

PAGES (INCLUDING COVER): 11

VERSION*: 1

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

***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: 13T752788

PROJECT NO: Alert

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 RECEIVED: 2013-08-29

DATE REPORTED: 2013-09-09

SAMPLE DESCRIPTION: ALT-6

SAMPLE TYPE: Water

DATE SAMPLED: 8/25/2013

Parameter	Unit	G / S	RDL	4696465
Fecal Coliform	CFU/100mL	2	ND	

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

4696465 RDL >1 indicates dilutions of the sample.

ND - Not Detected.

The time from sample collection to initiation of analysis exceeded 48 hours. Results should reviewed with discretion.

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CLIENT NAME: DEFENCE CONSTRUCTION CANADA

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

DATE RECEIVED: 2013-08-29

DATE REPORTED: 2013-09-09

		SAMPLE DESCRIPTION:		ALT-6
		SAMPLE TYPE:		Water
		DATE SAMPLED:		8/25/2013
Parameter	Unit	G / S	RDL	4696465
Naphthalene	µg/L		0.20	<0.20
Acenaphthylene	µg/L		0.20	<0.20
Acenaphthene	µg/L		0.20	<0.20
Fluorene	µg/L		0.20	<0.20
Phenanthrene	µg/L		0.10	<0.10
Anthracene	µg/L		0.10	<0.10
Fluoranthene	µg/L		0.20	<0.20
Pyrene	µg/L		0.20	<0.20
Benz(a)anthracene	µg/L		0.20	<0.20
Chrysene	µg/L		0.10	<0.10
Benzo(b)fluoranthene	µg/L		0.10	<0.10
Benzo(k)fluoranthene	µg/L		0.10	<0.10
Benzo(a)pyrene	µg/L		0.01	<0.01
Indeno(1,2,3-cd)pyrene	µg/L		0.20	<0.20
Dibenz(a,h)anthracene	µg/L		0.20	<0.20
Benzo(g,h,i)perylene	µg/L		0.20	<0.20
2-and 1-methyl Naphthalene	µg/L		0.20	<0.20
Surrogate	Unit	Acceptable Limits		
Chrysene-d12	%	50-140	62	

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard**4696465** 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.**Certified By:**



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CLIENT NAME: DEFENCE CONSTRUCTION CANADA

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

DATE RECEIVED: 2013-08-29

DATE REPORTED: 2013-09-09

		SAMPLE DESCRIPTION:		ALT-6
		SAMPLE TYPE:		Water
		DATE SAMPLED:		8/25/2013
Parameter	Unit	G / S	RDL	4696465
Benzene	µg/L		0.20	<0.20
Toluene	µg/L		0.20	<0.20
Ethylbenzene	µg/L		0.10	<0.10
Xylene Mixture	µg/L		0.20	<0.20
F1 (C6 to C10)	µg/L		25	<25
F1 (C6 to C10) minus BTEX	µg/L		25	<25
F2 (C10 to C16)	µg/L		100	<100
F2 (C10 to C16) minus Naphthalene	µg/L		100	<100
F3 (C16 to C34)	µg/L		100	<100
F3 (C16 to C34) minus PAHs	µg/L		100	<100
F4 (C34 to C50)	µg/L		100	<100
Gravimetric Heavy Hydrocarbons	µg/L		500	NA
Surrogate	Unit	Acceptable Limits		
Terphenyl	%	60-140	76	

Comments:**4696465**

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

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 and PAH 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.

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CLIENT NAME: DEFENCE CONSTRUCTION CANADA

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Oil and Grease [water]

DATE RECEIVED: 2013-08-29

DATE REPORTED: 2013-09-09

SAMPLE DESCRIPTION: ALT-6

SAMPLE TYPE: Water

DATE SAMPLED: 8/25/2013

Parameter	Unit	G / S	RDL	4696465
Oil and Grease (animal/vegetable)	mg/L		0.5	<0.5
Oil and Grease (mineral) in water	mg/L		0.5	<0.5
Oil and Grease (Total) in water	mg/L		0.5	<0.5

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

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ATTENTION TO: Chris McRae

Inorganic Chemistry (water)

DATE RECEIVED: 2013-08-29

DATE REPORTED: 2013-09-09

SAMPLE DESCRIPTION: ALT-6

SAMPLE TYPE: Water

DATE SAMPLED: 8/25/2013

Parameter	Unit	G / S	RDL	4696465
BOD (5)	mg/L		5	<5
pH	pH Units		NA	7.11
Alkalinity (as CaCO ₃)	mg/L		5	85
Electrical Conductivity	uS/cm		2	301
Total Suspended Solids	mg/L		10	4110
Total Hardness (as CaCO ₃)	mg/L		0.5	110
Nitrate as N	mg/L		0.05	0.19
Nitrite as N	mg/L		0.05	<0.05
Sulphate	mg/L		0.10	60.4
Ammonia as N	mg/L		0.02	<0.02
Chemical Oxygen Demand	mg/L		5	5
Phenols	µg/L		1.00	<1.00
Calcium	mg/L		0.05	32.4
Magnesium	mg/L		0.05	6.96
Sodium	mg/L		0.05	12.1
Potassium	mg/L		0.05	5.41
Arsenic	mg/L		0.003	0.010
Cadmium	mg/L		0.0001	0.0010
Chromium	mg/L		0.003	0.009
Copper	mg/L		0.002	0.050
Iron	mg/L		0.01	7.51
Lead	µg/L		0.50	61.8
Mercury	mg/L		0.0001	<0.0001
Nickel	mg/L		0.003	0.033

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

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Microbiology Analysis

RPT Date: Sep 09, 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

Microbiological Analysis (water)

Fecal Coliform	1	4696465	ND	ND	NA	< 1	NA		NA		NA
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Comments: ND - Not Detected, ; NA - % RPD Not Applicable

NA - Not Applicable

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Trace Organics Analysis

RPT Date: Sep 09, 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) - PHCs F1 - F4 (with PAHs) (Water)

Benzene	1		< 0.20	< 0.20	0.0%	< 0.20	94%	50%	140%	106%	60%	130%	88%	50%	140%
Toluene	1		< 0.20	< 0.20	0.0%	< 0.20	82%	50%	140%	102%	60%	130%	83%	50%	140%
Ethylbenzene	1		< 0.10	< 0.10	0.0%	< 0.10	87%	50%	140%	105%	60%	130%	91%	50%	140%
Xylene Mixture	1		< 0.20	< 0.20	0.0%	< 0.20	90%	50%	140%	106%	60%	130%	92%	50%	140%
F1 (C6 to C10)	1		< 25	< 25	0.0%	< 25	99%	60%	140%	100%	60%	140%	107%	60%	140%
F2 (C10 to C16)	1		<100	<100	0.0%	< 100	95%	60%	140%	66%	60%	140%	68%	60%	140%
F3 (C16 to C34)	1		<100	<100	0.0%	< 100	103%	60%	140%	60%	60%	140%	65%	60%	140%
F4 (C34 to C50)	1		<100	<100	0.0%	< 100	94%	60%	140%	61%	60%	140%	72%	60%	140%

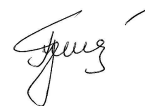
O. Reg. 153(511) - PAHs (Water)

Naphthalene	1		< 0.12	< 0.12	0.0%	< 0.20	108%	50%	140%	110%	50%	140%	91%	50%	140%
Acenaphthylene	1		< 0.11	< 0.11	0.0%	< 0.20	112%	50%	140%	126%	50%	140%	90%	50%	140%
Acenaphthene	1		< 0.10	< 0.10	0.0%	< 0.20	114%	50%	140%	124%	50%	140%	98%	50%	140%
Fluorene	1		< 0.09	< 0.09	0.0%	< 0.20	105%	50%	140%	120%	50%	140%	91%	50%	140%
Phenanthrene	1		< 0.10	< 0.10	0.0%	< 0.10	104%	50%	140%	134%	50%	140%	87%	50%	140%
Anthracene	1		< 0.02	< 0.02	0.0%	< 0.10	104%	50%	140%	126%	50%	140%	88%	50%	140%
Fluoranthene	1		< 0.04	< 0.04	0.0%	< 0.20	102%	50%	140%	130%	50%	140%	90%	50%	140%
Pyrene	1		< 0.02	< 0.02	0.0%	< 0.20	108%	50%	140%	132%	50%	140%	91%	50%	140%
Benz(a)anthracene	1		< 0.02	< 0.02	0.0%	< 0.20	76%	50%	140%	106%	50%	140%	64%	50%	140%
Chrysene	1		< 0.05	< 0.05	0.0%	< 0.10	109%	50%	140%	135%	50%	140%	78%	50%	140%
Benzo(b)fluoranthene	1		< 0.05	< 0.05	0.0%	< 0.10	92%	50%	140%	133%	50%	140%	82%	50%	140%
Benzo(k)fluoranthene	1		< 0.05	< 0.05	0.0%	< 0.10	123%	50%	140%	140%	50%	140%	97%	50%	140%
Benzo(a)pyrene	1		< 0.01	< 0.01	0.0%	< 0.01	105%	50%	140%	117%	50%	140%	81%	50%	140%
Indeno(1,2,3-cd)pyrene	1		< 0.06	< 0.06	0.0%	< 0.20	100%	50%	140%	106%	50%	140%	82%	50%	140%
Dibenz(a,h)anthracene	1		< 0.09	< 0.09	0.0%	< 0.20	100%	50%	140%	113%	50%	140%	85%	50%	140%
Benzo(g,h,i)perylene	1		< 0.06	< 0.06	0.0%	< 0.20	100%	50%	140%	106%	50%	140%	85%	50%	140%
2-and 1-methyl Naphthalene	1		< 0.20	< 0.20	0.0%	< 0.20	106%	50%	140%	115%	50%	140%	84%	50%	140%

Oil and Grease [water]

Oil and Grease (animal/vegetable)	1		0.5	0.6	18.2%	< 0.5	NA	70%	130%	112%	70%	130%	NA	70%	130%
Oil and Grease (mineral) in water	1		< 0.5	< 0.5	0.0%	< 0.5	NA	70%	130%	86%	70%	130%	NA	70%	130%
Oil and Grease (Total) in water	1		0.5	0.6	18.2%	< 0.5	NA	70%	130%	99%	70%	130%	NA	70%	130%

Certified By:



Quality Assurance

CLIENT NAME: DEFENCE CONSTRUCTION CANADA

AGAT WORK ORDER: 13T752788

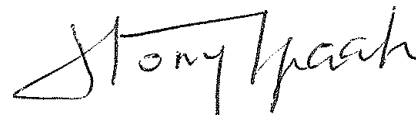
PROJECT NO: Alert

ATTENTION TO: Chris McRae

Water Analysis															
RPT Date: Sep 09, 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)															
BOD (5)	1		< 5	< 5	0.0%	< 5	100%	75%	125%	NA	0%	0%	NA	0%	0%
pH	4697107		6.94	7.17	3.3%	NA	99%	90%	110%	NA			NA		
Alkalinity (as CaCO3)	4697107		315	329	4.3%	< 5	101%	80%	120%	NA			NA		
Electrical Conductivity	4697107		948	948	0.0%	< 2	104%	80%	120%	NA			NA		
Total Suspended Solids	1		< 10	< 10	0.0%	< 10	104%	80%	120%	NA	0%	0%	NA	0%	0%
Nitrate as N	4697172		0.78	0.79	1.3%	< 0.05	101%	90%	110%	109%	90%	110%	104%	80%	120%
Nitrite as N	4697172		<0.10	<0.10	0.0%	< 0.05	NA	90%	110%	108%	90%	110%	81%	80%	120%
Sulphate	4697172		34.4	34.4	0.1%	< 0.10	100%	90%	110%	103%	90%	110%	116%	80%	120%
Ammonia as N	4695916		2.02	1.99	1.6%	< 0.02	92%	90%	110%	99%	90%	110%	96%	80%	120%
Chemical Oxygen Demand	1		5	6	18.2%	< 5	99%	90%	110%	109%	90%	110%	122%	70%	130%
Phenols			< 1	< 1	0.0%	< 1	100%	90%	110%	105%	90%	110%	112%	80%	120%
Calcium	1		90.8	86.9	4.4%	< 0.05	99%	90%	110%	97%	90%	110%	99%	70%	130%
Magnesium	1		21.5	20.5	4.8%	< 0.05	99%	90%	110%	97%	90%	110%	100%	70%	130%
Sodium	1		135	129	4.5%	< 0.05	101%	90%	110%	99%	90%	110%	95%	70%	130%
Potassium	1		2.29	2.23	2.7%	< 0.05	104%	90%	110%	103%	90%	110%	97%	70%	130%
Arsenic	1		< 0.003	< 0.003	0.0%	< 0.003	102%	90%	110%	109%	90%	110%	126%	70%	130%
Cadmium	1		< 0.0001	< 0.0001	0.0%	< 0.0001	102%	90%	110%	107%	90%	110%	109%	70%	130%
Chromium	1		< 0.003	< 0.003	0.0%	< 0.003	100%	90%	110%	96%	90%	110%	91%	70%	130%
Copper	1		0.026	0.027	3.8%	< 0.002	99%	90%	110%	107%	90%	110%	98%	70%	130%
Iron	1		0.02	0.02	0.0%	< 0.01	101%	90%	110%	94%	90%	110%	87%	70%	130%
Lead	1		2.67	2.81	5.1%	< 0.50	96%	90%	110%	91%	90%	110%	101%	70%	130%
Mercury	1		<0.0001	<0.0001	0.0%	< 0.0001	100%	90%	110%	102%	90%	110%	104%	80%	120%
Nickel	1		< 0.003	< 0.003	0.0%	< 0.003	105%	90%	110%	99%	90%	110%	93%	70%	130%

Comments: NA signifies not applicable

Certified By:



Method Summary

CLIENT NAME: DEFENCE CONSTRUCTION CANADA

AGAT WORK ORDER: 13T752788

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

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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
Alkalinity (as CaCO ₃)	INOR-93-6000	SM 2320 B	PC TITRATE
Electrical Conductivity	INOR-93-6000	SM 2510 B	PC TITRATE
Total Suspended Solids	INOR-93-6028	SM 2540 D	BALANCE
Total Hardness (as CaCO ₃)	MET-93-6105	EPA SW-846 6010C & 200.7	ICP/OES
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

ALT-6	Millionaires Dump	Water: Major Ions (Ammonia-Nitrogen, Calcium, Magnesium, Nitrate-Nitrite, Potassium, Sodium, Sulphate)	1.00	
		Water: Conductivity, pH, Total Alkalinity, Total Hardness, Total Phenols, Total Suspended Solids	1.00	
		Water: BOD5 or cBOD, COD, Faecal Coliform, Oil and Grease	1.00	
		Water: BTEX (Benzene, Toluene, Ethylbenzene, Xylene)	1.00	
		Water: PAH (Polycyclic Aromatic Hydrocarbon)	1.00	
ALT-7	Dump 3	Water: TPH (Total Petroleum Hydrocarbon)	1.00	
		Water: Metals (Total Arsenic, Total Cadmium, Total Chromium, Total Copper, Total Iron, Total Lead, Total Mercury, Total Nickel)	1.00	
		Water: Major Ions (Ammonia-Nitrogen, Calcium, Magnesium, Nitrate-Nitrite, Potassium, Sodium, Sulphate)	1.00	
		Water: Conductivity, pH, Total Alkalinity, Total Hardness, Total Phenols, Total Suspended Solids	1.00	
		Water: BOD5 or cBOD, COD, Faecal Coliform, Oil and Grease	1.00	
ALT-7	Dump 3	Water: BTEX (Benzene, Toluene, Ethylbenzene, Xylene)	1.00	
		Water: PAH (Polycyclic Aromatic Hydrocarbon)	1.00	
		Water: TPH (Total Petroleum Hydrocarbon)	1.00	