

Details of Quotation

Hardness as CaCO ₃	Hardness C SM2340B	1	mg/L
Ca	ICP metals - AMMICPE8 M SM3120B-3500C	1	mg/L
Mg	ICP metals - AMMICPE8 M SM3120B-3500C	1	mg/L
U	ICP-MS PE6100 EPA 200.8	0.001	mg/L
Zn	ICP-MS PE6100 EPA 200.8	0.01	mg/L

BIM DW Micro

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
Total Coliforms	Bacteria - AMBCOLM1 SM 9222B	0	ct/100mL
Escherichia Coli	Bacteria - AMBCOLM1 SM 9222B	0	ct/100mL

BIM Soil BTEX / PHCs / O&G / Pb

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
Benzene	MX BTEX in soil V 8260B	0.05	ug/g
Toluene	MX BTEX in soil V 8260B	0.1	ug/g
Ethylbenzene	MX BTEX in soil V 8260B	0.1	ug/g
m/p-xylene	MX BTEX in soil V 8260B	0.2	ug/g
o-xylene	MX BTEX in soil V 8260B	0.1	ug/g
Toluene-d8	surrogates - organics V 8260/8270	1	%
F1 (C6-C10)	CCME TPH - SOIL CCME	10	ug/g
F2 (C10-C16)	CCME TPH - SOIL CCME	10	ug/g
F3 (C16-C34)	CCME TPH - SOIL CCME	20	ug/g
F4 (C34-C50)	CCME TPH - SOIL CCME	20	ug/g
F1-BTEX (C6-C10)	CCME TPH - SOIL CCME	10	ug/g
Moisture	Organic Moisture C SM2540B	0.1	%
Pb	ICP-MS SOIL PE6100 EPA 200.8	1	ug/g
Oil & Grease - Total	O&G soil - C SM5520D	100	ug/g

BIM SW BTE / O&G / Pb

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
Benzene	BTEX in water EPA 8260B	0.5	ug/L
Toluene	BTEX in water EPA 8260B	0.5	ug/L
Ethylbenzene	BTEX in water EPA 8260B	0.5	ug/L
Toluene-d8	surrogates - organics V 8260/8270	1	%
Pb	ICP-MS PE6100 EPA 200.8	0.001	mg/L
Oil & Grease - Total	O&G water - AMOGHXE1 C SM5520B	1	mg/L

BIM SW BTEX / PHCs / O&G / Pb

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
Benzene	BTEX in water EPA 8260B	0.5	ug/L
Toluene	BTEX in water EPA 8260B	0.5	ug/L
Ethylbenzene	BTEX in water EPA 8260B	0.5	ug/L
m/p-xylene	BTEX in water EPA 8260B	1	ug/L
o-xylene	BTEX in water EPA 8260B	0.5	ug/L
Toluene-d8	surrogates - organics V 8260/8270	1	%
F1 (C6-C10)	CCME TPH - WATER O CCME	0.1	mg/L
F2 (C10-C16)	CCME TPH - WATER O CCME	0.1	mg/L
F3 (C16-C34)	CCME TPH - WATER O CCME	0.2	mg/L

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F4 (C34-C50)	CCME TPH - WATER O CCME	0.2	mg/L
F1-BTEX (C6-C10)	CCME TPH - WATER O CCME	0.1	mg/L
Pb	ICP-MS PE6100 EPA 200.8	0.001	mg/L
Oil & Grease - Total	O&G water - AMOGHXE1 C SM5520B	1	mg/L

BIM SW Chem

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
pH	pH in water : Auto - AMAPCAE1 C SM4500-H+B	1	
Conductivity	Conductivity : Auto - AMAPCAE1 C SM2510B	5	uS/cm
Alkalinity as CaCO3	Alkalinity : Auto - AMAPCAE1 SM 2320B	5	mg/L
TDS (COND - CALC)	solids in water - AMSOLWE1 C SM2540	5	mg/L
Turbidity	Turbidity - AMTURBE1 C SM2130B	0.1	NTU
SO4	Anions by IC - DX-100 SM 4110C	1	mg/L
Cl	Anions by IC - DX-100 SM 4110C	1	mg/L
N-NO3	NO2/NO3 SKALAR - AMNOXSE1 C SM4500-NO3-F	0.1	mg/L
NO2 + NO3 as N	NO2/NO3 SKALAR - AMNOXSE1 C SM4500-NO3-F	0.1	mg/L
Total Suspended Solids	solids in water - AMSOLWE1 C SM2540	2	mg/L
Total P	Low Total P C SM4500-PF	0.003	mg/L
Total Kjeldahl Nitrogen	TKN low water - AMTKNLE1 C SM4500-Norg-C	0.1	mg/L
CO3 as CaCO3	Alkalinity : Auto - AMAPCAE1 SM 2320B	2	mg/L
HCO3 as CaCO3	Alkalinity : Auto - AMAPCAE1 SM 2320B	5	mg/L

BIM SW D-Metals Full List

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
Ca	ALS Low Level ICP-MS TOTAL Met	50	ug/L
Mg	ALS Low Level ICP-MS TOTAL Met	100	ug/L
Na	ALS Low Level ICP-MS TOTAL Met	50	ug/L
K	ALS Low Level ICP-MS TOTAL Met	50	ug/L
Al	ALS Low Level ICP-MS TOTAL Met	1	ug/L
Sb	ALS Low Level ICP-MS TOTAL Met	0.1	ug/L
As	ALS Low Level ICP-MS TOTAL Met	0.1	ug/L
Ba	ALS Low Level ICP-MS TOTAL Met	0.05	ug/L
Be	ALS Low Level ICP-MS TOTAL Met	0.5	ug/L
Bi	ALS Low Level ICP-MS TOTAL Met	0.5	ug/L
B	ALS Low Level ICP-MS TOTAL Met	10	ug/L
Cd	ALS Low Level ICP-MS TOTAL Met	0.01	ug/L
Cr	ALS Low Level ICP-MS TOTAL Met	0.5	ug/L
Co	ALS Low Level ICP-MS TOTAL Met	0.1	ug/L
Cu	ALS Low Level ICP-MS TOTAL Met	0.1	ug/L
Fe	ALS Low Level ICP-MS TOTAL Met	30	ug/L
Pb	ALS Low Level ICP-MS TOTAL Met	0.05	ug/L
Li	ALS Low Level ICP-MS TOTAL Met	5	ug/L
Mn	ALS Low Level ICP-MS TOTAL Met	0.05	ug/L
Mo	ALS Low Level ICP-MS TOTAL Met	0.05	ug/L
Ni	ALS Low Level ICP-MS TOTAL Met	0.5	ug/L
Se	ALS Low Level ICP-MS TOTAL Met	1	ug/L
Si	ALS Low Level ICP-MS TOTAL Met	50	ug/L
Ag	ALS Low Level ICP-MS TOTAL Met	0.01	ug/L

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Sr	ALS Low Level ICP-MS TOTAL Met	0.1	ug/L
Tl	ALS Low Level ICP-MS TOTAL Met	0.1	ug/L
Sn	ALS Low Level ICP-MS TOTAL Met	0.1	ug/L
Ti	ALS Low Level ICP-MS TOTAL Met	10	ug/L
U	ALS Low Level ICP-MS TOTAL Met	0.01	ug/L
V	ALS Low Level ICP-MS TOTAL Met	1	ug/L
Zn	ALS Low Level ICP-MS TOTAL Met	1	ug/L
Hardness as CaCO3	ALS Low Level ICP-MS TOTAL Met	500	ug/L

BIM SW D-Metals ShortList

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
Ca	Alkalis by FAA - LOW AMAMFAE1 SM 3111B-3500B	0.1	mg/L
Mg	Alkalis by FAA - LOW AMAMFAE1 SM 3111B-3500B	0.1	mg/L
Na	Alkalis by FAA - LOW AMAMFAE1 SM 3111B-3500B	0.05	mg/L
K	Alkalis by FAA - LOW AMAMFAE1 SM 3111B-3500B	0.01	mg/L
Al	ICP-MS PE6100 EPA 200.8	0.01	mg/L
Fe	ICP-MS PE6100 EPA 200.8	0.03	mg/L
Hardness as CaCO3	Hardness C SM2340B	1	mg/L

BIM SW Micro

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
Total Coliforms	Bacteria - AMBCOLM1 SM 9222B	0	ct/100mL
Faecal Coliforms	Bacteria - AMBCOLM1 SM 9222B	0	ct/100mL
Escherichia Coli	Bacteria - AMBCOLM1 SM 9222B	0	ct/100mL

BIM SW T-Metals Full List

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
Ca	ALS Low Level ICP-MS TOTAL Met	50	ug/L
Mg	ALS Low Level ICP-MS TOTAL Met	100	ug/L
Na	ALS Low Level ICP-MS TOTAL Met	50	ug/L
K	ALS Low Level ICP-MS TOTAL Met	50	ug/L
Al	ALS Low Level ICP-MS TOTAL Met	1	ug/L
Sb	ALS Low Level ICP-MS TOTAL Met	0.1	ug/L
As	ALS Low Level ICP-MS TOTAL Met	0.1	ug/L
Ba	ALS Low Level ICP-MS TOTAL Met	0.05	ug/L
Be	ALS Low Level ICP-MS TOTAL Met	0.5	ug/L
Bi	ALS Low Level ICP-MS TOTAL Met	0.5	ug/L
B	ALS Low Level ICP-MS TOTAL Met	10	ug/L
Cd	ALS Low Level ICP-MS TOTAL Met	0.01	ug/L
Cr	ALS Low Level ICP-MS TOTAL Met	0.5	ug/L
Co	ALS Low Level ICP-MS TOTAL Met	0.1	ug/L
Cu	ALS Low Level ICP-MS TOTAL Met	0.1	ug/L
Fe	ALS Low Level ICP-MS TOTAL Met	30	ug/L
Pb	ALS Low Level ICP-MS TOTAL Met	0.05	ug/L
Li	ALS Low Level ICP-MS TOTAL Met	5	ug/L
Mn	ALS Low Level ICP-MS TOTAL Met	0.05	ug/L
Mo	ALS Low Level ICP-MS TOTAL Met	0.05	ug/L
Ni	ALS Low Level ICP-MS TOTAL Met	0.5	ug/L

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Se	ALS Low Level ICP-MS TOTAL Met	1	ug/L
Si	ALS Low Level ICP-MS TOTAL Met	50	ug/L
Ag	ALS Low Level ICP-MS TOTAL Met	0.01	ug/L
Sr	ALS Low Level ICP-MS TOTAL Met	0.1	ug/L
Tl	ALS Low Level ICP-MS TOTAL Met	0.1	ug/L
Sn	ALS Low Level ICP-MS TOTAL Met	0.1	ug/L
Ti	ALS Low Level ICP-MS TOTAL Met	10	ug/L
U	ALS Low Level ICP-MS TOTAL Met	0.01	ug/L
V	ALS Low Level ICP-MS TOTAL Met	1	ug/L
Zn	ALS Low Level ICP-MS TOTAL Met	1	ug/L
Hardness as CaCO3	ALS Low Level ICP-MS TOTAL Met	500	ug/L

BIM SW T-Metals ShortList

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
Ca	Alkalis by FAA - LOW AMAMFAE1 SM 3111B-3500B	0.1	mg/L
Mg	Alkalis by FAA - LOW AMAMFAE1 SM 3111B-3500B	0.1	mg/L
Na	Alkalis by FAA - LOW AMAMFAE1 SM 3111B-3500B	0.05	mg/L
K	Alkalis by FAA - LOW AMAMFAE1 SM 3111B-3500B	0.01	mg/L
Al	ICP-MS PE6100 EPA 200.8	0.01	mg/L
Fe	ICP-MS PE6100 EPA 200.8	0.03	mg/L
Hardness as CaCO3	Hardness C SM2340B	1	mg/L

BIM WW Chem

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
BOD5	BOD5 - AMBODEE1 SM 5210B	1	mg/L
Total Suspended Solids	solids in water - AMSOLWE1 C SM2540	2	mg/L
pH	pH in water : Auto - AMAPCAE1 C SM4500-H+B	1	
Total Kjeldahl Nitrogen	TKN low water - AMTKNLE1 C SM4500-Norg-C	0.1	mg/L
N-NH3	NH3 water low - AMNH3LE1 C SM4500-NH3D	0.02	mg/L
Total P	Low Total P C SM4500-PF	0.003	mg/L
Oil & Grease - Total	O&G water - AMOGHXE1 C SM5520B	1	mg/L

BIM WW Micro

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
Faecal Coliforms	Bacteria - AMBCOLM1 SM 9222B	0	ct/100mL

BOD5

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
BOD5	BOD5 - AMBODEE1 SM 5210B	1	mg/L

Chlorophyll/Pheophytin

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
Chlorophyll-a	Chlorophyll C SM10200H	0.2	mg/m3
Pheophytin-a	Chlorophyll C SM10200H	0.2	mg/m3

Chlorophyll/Pheophytin 2 +

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
Chlorophyll-a	Chlorophyll C SM10200H	0.2	mg/m3

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Pheophytin-a	Chlorophyll C SM10200H	0.2	mg/m3
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COD

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
COD	COD - AMCODTE1 C SM5220C	5	mg/L

DOC

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
DOC	TOC in water - AMDTOCE1 C SM5310C	0.5	mg/L

N-NH3 - water

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
N-NH3	NH3 water low - AMNH3LE1 C SM4500-NH3D	0.02	mg/L

N-NO2 - Low Water

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
N-NO2	Low NO2 - Technicon C SM4500-NO2-B	0.005	mg/L

N-NO3 - IC

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
N-NO3	NO2/NO3 SKALAR - AMNOXSE1 C SM4500-NO3-F	0.1	mg/L

O&G - water - T/M/N

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
Oil & Grease - Total	O&G water - AMOGHXE1 C SM5520B	1	mg/L
Oil & Grease - Mineral	O&G water - AMOGHXE1 C SM5520B	1	mg/L
Oil & Grease - Non-mineral	O&G water - AMOGHXE1 C SM5520B	1	mg/L

O&G - water Total

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
Oil & Grease - Total	O&G water - AMOGHXE1 C SM5520B	1	mg/L

Ship: Ott to SteFoy 1x20L

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
hold sample	HOLD C HOLD	0	ug/L

Ship: Ott to SteFoy 2x20L

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
hold sample	HOLD C HOLD	0	ug/L

Supply - 20L Cubitainers

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
hold sample	HOLD C HOLD	0	ug/L

TOC

<u>ANALYTE</u>	<u>METHOD REFERENCE</u>	<u>MDL</u>	<u>UNITS</u>
TOC	TOC in water - AMDTOCE1 C SM5310C	0.5	mg/L