

Client: City of Iqaluit
PO Box 460
Iqaluit, NU
X0A 0H0
Attention: Mr. Jeff MacMunn
PO#:
Invoice to: City of Iqaluit

Report Number: 1215495
Date Submitted: 2012-07-20
Date Reported: 2012-07-30
Project:
COC #: 154298

Page 1 of 4

Dear Jeff MacMunn:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

APPROVAL: _____

Lorna Wilson
Inorganic Laboratory Supervisor

APPROVAL: _____

Charlie (Long) Qu
Organic Laboratory Supervisor

Exova (Ottawa) is certified and accredited for specific parameters by:

CALA, Canadian Association for Laboratory Accreditation (to ISO 17025), OMAF, Ontario Ministry of Agriculture, Food and Rural Affairs(for farm soils), Licensed by Ontario MOE for specific tests in drinking water.

Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only.

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					Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	973098 Water 2012-07-17 Retention #1	973099 Water 2012-07-18 Retention #2
Group	Analyte	MRL	Units	Guideline			
General Chemistry	pH	1.00				8.26	8.27
	TOC	0.5	mg/L			20.3	23.1
	Total Suspended Solids	2	mg/L			16	17
	Turbidity	0.1	NTU			10.5	8.9
Mercury	Hg	0.0001	mg/L			<0.0001	<0.0001
Metals	Ag	0.0001	mg/L			<0.0001	<0.0001
	Al	0.01	mg/L			0.02	0.03
	As	0.01	mg/L			<0.01	<0.01
	B	0.01	mg/L			0.98	
		0.1	mg/L				1.1
	Ba	0.01	mg/L			0.02	0.02
	Be	0.0005	mg/L			<0.0005	<0.0005
	Ca	1	mg/L			104	100
	Cd	0.0001	mg/L			<0.0001	<0.0001
	Co	0.0002	mg/L			0.0011	0.0011
	Cr	0.001	mg/L			0.004	0.003
	Cu	0.001	mg/L			0.006	0.006
	Fe	0.03	mg/L			1.26	1.14
	K	1	mg/L			32	100
	Mg	1	mg/L			25	25
	Mn	0.01	mg/L			0.46	0.39
	Mo	0.005	mg/L			<0.005	<0.005
	Na	2	mg/L			186	181
	Ni	0.005	mg/L			0.011	0.011
	Pb	0.001	mg/L			<0.001	<0.001
	Sb	0.0005	mg/L			0.0006	0.0007

Guideline =*** = Guideline Exceedence**

Results relate only to the parameters tested on the samples submitted.

Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective.

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Group	Analyte	MRL	Units	Guideline	Lab I.D.	973098	973099
					Sample Matrix Sample Type Sampling Date Sample I.D.	Water 2012-07-17 Retention #1	Water 2012-07-18 Retention #2
Metals	Se	0.01	mg/L			<0.01	<0.01
	Si	0.1	mg/L			2.0	2.0
	Sr	0.001	mg/L			0.554	0.567
	Ti	0.01	mg/L			<0.01	<0.01
	Tl	0.0001	mg/L			<0.0001	<0.0001
	V	0.001	mg/L			0.002	0.002
	Zn	0.01	mg/L			0.24	0.20
Nutrients	BOD5	1	mg/L			8	10
	COD	5	mg/L			69	70
	N-NH3	0.02	mg/L			4.90	4.49
	Total Kjeldahl Nitrogen	0.10	mg/L			7.90	7.25
	Total P	0.01	mg/L			0.05	0.05
PCBs	Polychlorinated Biphenyls (PCBs)	0.1	ug/L			<0.1	<0.1
VOC Surrogates	Toluene-d8	1	%			92	93
VOCs	Benzene	0.5	ug/L			<0.5	<0.5
	Ethylbenzene	0.5	ug/L			<0.5	<0.5
	m/p-xylene	0.5	ug/L			<0.5	<0.5
	o-xylene	0.5	ug/L			<0.5	<0.5
	Toluene	0.5	ug/L			<0.5	<0.5

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Sample Comment Summary

Sample ID: 973098	Retention #1	Holding time for turbidity analysis was exceeded. Arsenic and Selenium MRL elevated due to matrix interference.
Sample ID: 973099	Retention #2	Holding time for turbidity analysis was exceeded.

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