

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

Report Number: 1216082
Date Submitted: 2012-07-27
Date Reported: 2012-08-03
Project:
COC #: 154297

Page 1 of 4

Dear Paul Clow:

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

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.	
Group	Analyte	MRL	Units	Guideline	
General Chemistry	Conductivity	5	uS/cm		615
	N-NO2	0.10	mg/L		<0.10
	N-NO3	0.10	mg/L		<0.10
Mercury	Hg	0.0001	mg/L		<0.0001
Metals	Ag	0.01	mg/L		<0.01
	Al	0.1	mg/L		0.8
	Aqua-Regia Digest		mg/L		y
	As	0.05	mg/L		<0.05
	B	0.1	mg/L		0.1
	Ba	0.01	mg/L		0.02
	Be	0.01	mg/L		<0.01
	Ca	1	mg/L		24
	Cd	0.01	mg/L		<0.01
	Co	0.01	mg/L		<0.01
	Cr	0.05	mg/L		<0.05
	Cu	0.01	mg/L		0.33
	Fe	0.1	mg/L		0.7
	K	1	mg/L		16
	Mg	1	mg/L		11
	Mn	0.01	mg/L		0.08
	Mo	0.01	mg/L		<0.01
	Na	2	mg/L		30
	Ni	0.01	mg/L		<0.01
	Pb	0.01	mg/L		<0.01
	Sb	0.01	mg/L		<0.01
	Se	0.05	mg/L		<0.05

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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					Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.
Group	Analyte	MRL	Units	Guideline	974524 Wastewater 2012-07-25 WWTP Effluent
Metals	Si	1	mg/L		4
	Sr	0.05	mg/L		<0.05
	Ti	0.1	mg/L		<0.1
	Tl	0.01	mg/L		<0.01
	V	0.05	mg/L		<0.05
	Zn	0.05	mg/L		0.18
Nutrients	BOD5	1	mg/L		163
	N-NH3	2.0	mg/L		42.9
	O-PO4	0.03	mg/L		11.7
	Total P	0.01	mg/L		7.32

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Sample Comment Summary

Sample ID: 974524 WWTP Effluent Metals analysis performed on aqua-regia digest of sample material except for Boron, Titanium and Silicon.

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