

Attention: STEPHEN LEGAREE

Alberta Urban Garden
www.albertaurbangarden.ca

Report Date: 2015/06/02
Report #: R1969235
Version: 3R

CERTIFICATE OF ANALYSIS – REVISED REPORT

MAXXAM JOB #: B538139

Received: 2015/05/08, 16:10

Sample Matrix: Water
Samples Received: 4

<u>Analyses</u>	<u>Quantity</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Analyzed</u>	<u>Laboratory Method</u>	<u>Analytical Method</u>
Heterotrophic Plate Count (1)	4	2015/05/09	2015/05/11	CAL SOP-00012	SM 22 9215 A & B m

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Maxxam Calgary Environmental

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Jeremy Wakaruk, B.Sc., Senior Project Manager
Email: JWakaruk@maxxam.ca
Phone# (780) 577-7105 Ext:7105

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Total cover pages: 1

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RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		MF1454	MF1455	MF1456	MF1457		
Sampling Date							
	UNITS	CONTROL NO TREATMENT	INITIAL TREATMENT	TREATED 6HRS OLD	UNTREATED WITH TAP WATER	RDL	QC Batch

Microbiological Param.							
Heterotrophic Plate Count	CFU/mL	920 (1)	1000 (1)	1100 (1)	1200 (1)	1.0	7896643

RDL = Reportable Detection Limit
(1) Spreader colonies were present in the petri dish. Presence of spreader colonies may obscure other colonies, possibly biasing results.

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Package 1	21.0°C
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Each temperature is the average of up to three cooler temperatures taken at receipt

General Comments

Results relate only to the items tested.

Alberta Urban Garden
Attention: STEPHEN LEGAREE
Client Project #:
P.O. #:
Site Location:

Quality Assurance Report
Maxxam Job Number: EB538139

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	UNITS	QC Limits
7896643 AP1	Method Blank	Heterotrophic Plate Count	2015/05/11	<1.0		CFU/mL	
	RPD [MF1454-01]	Heterotrophic Plate Count	2015/05/11	9.1		%	100
	RPD [MF1455-01]	Heterotrophic Plate Count	2015/05/11	6.7		%	100
	RPD [MF1456-01]	Heterotrophic Plate Count	2015/05/11	9.4		%	100
	RPD [MF1457-01]	Heterotrophic Plate Count	2015/05/11	2.3		%	100

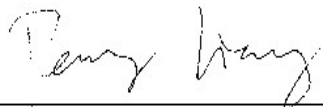
Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.
Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Maxxam Analytics International Corporation o/a Maxxam Analytics Edmonton: 9331 - 48th Street T6B 2R4 Telephone(780)577-7100 Fax(780)450-4187

Validation Signature Page

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The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Harry (Peng) Liang, Senior Analyst

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05/31/11 (1)
 And Job #: B538139 HY YH1 08/21/11 YH1 /JOK

Invoice To: Require Report? Yes No

Company Name: Stephen Lagaree

Contact Name: _____

Address: _____

PC: _____

Phone / Fax#: Ph: _____ Fax: _____

Report To:

PC: _____

Ph: _____ Fax: _____

PO# / AFE#: _____

Quotation #: _____

Project #: _____

Proj. Name: _____

Location: _____

Sampler's Initials: _____

REGULATORY REQUIREMENTS:

AT1 - Soil Contamination PST

CCME CDWQG

CCME FWAL G50

Regulatory Limits to appear on Final report

REPORT DISTRIBUTION:

Mail Fax

PDF Excel Other: _____

Email: _____

SERVICE REQUESTED:

RUSH (Please ensure you contact the lab)

Date Required: _____

REGULAR Turnaround

METALS: (WATERS)

Total Extractable Dissolved

ANALYSIS REQUESTED

Sample Identification	Matrix	Date/Time Sampled	Sample Type Grab/Comp	Hold > 60 Days	Sample Container #	Total Chlorine	Heterotrophic Plate Count (HPC)	Nutrient (NUTS-2)	Assessment metals	pH-CaCl	Available NH4								
1 Control <i>No Treat</i>	W					X													
2 Initial Treatment	W					X													
3 Treated 6 hrs <i>old</i>	W					X													
4 Untreated <i>with Tap water</i>	W					X													
5 Fresh Tap	W					X													
6 Tap 6hrs <i>old</i>	W					X													
7 Spray Water <i>Garden Hose Tap water</i>	W					X													
8 PUF Bichlor Pre-Treatment S								X	X	X	X								
9 PUF Rock Dist Pre-Treatment S								X	X	X	X								
10 PUF Control Pre-Treatment S								X	X	X	X								
11																			
12																			

** For water samples, please indicate if sample container has been preserved (P) and/or filtered (F).

Relinquished By: _____ Date/Time: _____

Signature: _____

COMMENTS/SPECIAL INSTRUCTIONS: Reference B536679

Received
 José Rivera
[Signature]
 2015/05/08
 16:10

Temperature
 20, 22, 21
 ICE: Absent
 Col C# Seal: Absent