

Your Project #: 102089-001  
Site Location: Gordon Lake  
Your C.O.C. #: A170151

**Attention: JULIE DITTBURNER**

ARCADIS CANADA INC  
260 Hearst Way, Suite 512

Ottawa, ON  
Canada K2L 3H1

**Report Date: 2016/08/19**  
Report #: R2241615  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**MAXXAM JOB #: B663252**

**Received: 2016/07/30, 10:05**

Sample Matrix: Soil  
# Samples Received: 2

<b>Analyses</b>	<b>Quantity</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Laboratory Method</b>	<b>Analytical Method</b>
Perfluorinated Compounds - Subcontract	2	N/A	2016/08/15		See Attachment

Sample Matrix: Water  
# Samples Received: 2

<b>Analyses</b>	<b>Quantity</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Laboratory Method</b>	<b>Analytical Method</b>
Perfluorinated Compounds - Subcontract	2	N/A	2016/08/11		See Attachment

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.

**Encryption Key**

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

Amanda L'Hirondelle, Project Manager

Email: AL'Hirondelle@maxxam.ca

Phone# (780)577-7117

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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.

Maxxam Job #: B663252  
Report Date: 2016/08/19

ARCADIS CANADA INC  
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### RESULTS OF CHEMICAL ANALYSES OF SOIL

<b>Maxxam ID</b>		PD5330	PD5331	
<b>Sampling Date</b>				
<b>COC Number</b>		A170151	A170151	
	<b>UNITS</b>	<b>TSPK-LOW PF05-20160721</b>	<b>TSPK-MOD PF05-20160721</b>	<b>QC Batch</b>
<b>Parameter</b>				
Subcontract Parameter	n/a	ATTACHED	ATTACHED	8369939

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### RESULTS OF CHEMICAL ANALYSES OF WATER

<b>Maxxam ID</b>		PD5328	PD5329	
<b>Sampling Date</b>				
<b>COC Number</b>		A170151	A170151	
	<b>UNITS</b>	<b>EQUIP BLANK 01</b>	<b>EQUIP BLANK 02</b>	<b>QC Batch</b>
<b>Parameter</b>				
Subcontract Parameter	ug/L	ATTACHED	ATTACHED	8369934

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### GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	1.7°C
Package 2	2.7°C
Package 3	3.3°C

**Results relate only to the items tested.**

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### VALIDATION SIGNATURE PAGE

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

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**REGULATORY GUIDELINES:**

☐ AT1

☒ CCME

☐ Regulated Drinking Water

☐ Other:

[illegible]

LAB USE ONLY			
Received By: <i>[Signature]</i>	Date: 2016/07/31	Time: 1435	Maxxam Job #: B663253/DW
Delaney McCarriker	Custody Seal	Temperature	Ice
	NO	2, 2, 4	
Lab Comments:	yes	3, 3, 3	yes