



**Taiga Environmental Laboratory**  
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9  
Tel: (867)-765-6645 Fax: (867)-873-2652

**Taiga Batch No.:**  
**150545**

**- FINAL REPORT -**

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**Prepared For:** Department of Transportation

**Address:** P.O. Box 1320  
Yellowknife, NT  
X1A 2L9

**Attn:** Jon Posynick

**Facsimile:**

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**Final report has been reviewed and approved by:**

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**Glen Hudy**  
Quality Assurance Officer

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**NOTES:**

- Test methods and data are validated by the laboratory's Quality Assurance Program. Taiga Environmental Laboratory is accredited by the Canadian Association for Laboratory Accreditation Inc. (CALA) to ISO/IEC 17025 as a testing laboratory for specific tests registered with CALA.
- Routine methods are based on recognized procedures from sources such as
  - Standard Methods for the Examination of Water and Wastewater APHA AWWA WEF;
  - Environment Canada
  - USEPA
- Samples shall be kept for thirty (30) days after the final report is issued. All microbiological samples shall be disposed of immediately upon completion of analysis to minimize biohazardous risks to laboratory personnel. Please contact the laboratory if you have any special requirements.
- Final results are based on the specific tests at the time of analysis and do not represent the conditions during sampling.

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Taiga Batch No.:  
**150545**

### - CERTIFICATE OF ANALYSIS -

Client Sample ID: **James Creek Public**

Taiga Sample ID: **001**

**Client Project:**

**Sample Type:** Water

**Received Date:** 17-Jul-15

**Sampling Date:** 15-Jul-15

**Sampling Time:**

**Location:**

**Report Status:** Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<b>Organics</b>						
Hexane Extractable Material	< 2.0	2.0	mg/L	24-Jul-15	EPA1664A	
<b>Subcontracted Organics</b>						
Benzene		0.0005	mg/L		EPA 5021	104
Ethylbenzene		0.0005	mg/L		EPA 5021	104
F1: C6-C10		0.1	mg/L		CCME CWS PHC	104
F2: C10-C16	< 0.25	0.25	mg/L	29-Jul-15	EPA3510	
F3: C16-C34	< 0.25	0.25	mg/L	29-Jul-15	EPA3510	
F4: C34-C50	< 0.25	0.25	mg/L	29-Jul-15	EPA3510	
Toluene		0.0005	mg/L		EPA 5021	104
Xylenes		0.0005	mg/L		EPA 5021	104

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Taiga Batch No.:  
**150545**

**- CERTIFICATE OF ANALYSIS -**

Client Sample ID: **James Creek Downstream**

Taiga Sample ID: **002**

**Client Project:**

**Sample Type:** Water

**Received Date:** 17-Jul-15

**Sampling Date:** 15-Jul-15

**Sampling Time:**

**Location:**

**Report Status:** Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<b><u>Organics</u></b>						
Hexane Extractable Material	< 2.0	2.0	mg/L	24-Jul-15	EPA1664A	
<b><u>Subcontracted Organics</u></b>						
Benzene	< 0.00050	0.0005	mg/L	27-Jul-15	EPA 5021	
Ethylbenzene	< 0.00050	0.0005	mg/L	27-Jul-15	EPA 5021	
F1: C6-C10	< 0.10	0.1	mg/L	27-Jul-15	CCME CWS PHC	
F2: C10-C16	< 0.25	0.25	mg/L	29-Jul-15	EPA3510	
F3: C16-C34	< 0.25	0.25	mg/L	29-Jul-15	EPA3510	
F4: C34-C50	< 0.25	0.25	mg/L	29-Jul-15	EPA3510	
Toluene	< 0.00050	0.0005	mg/L	27-Jul-15	EPA 5021	
Xylenes	< 0.00071	0.00071	mg/L	27-Jul-15	EPA 5021	

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**150545**

**- CERTIFICATE OF ANALYSIS -**

Client Sample ID: **James Creek Upstream**

Taiga Sample ID: **003**

**Client Project:**

**Sample Type:** Water

**Received Date:** 17-Jul-15

**Sampling Date:** 15-Jul-15

**Sampling Time:**

**Location:**

**Report Status:** Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<b><u>Organics</u></b>						
Hexane Extractable Material	3.2	2.0	mg/L	24-Jul-15	EPA1664A	
<b><u>Subcontracted Organics</u></b>						
Benzene	< 0.00050	0.0005	mg/L	27-Jul-15	EPA 5021	
Ethylbenzene	< 0.00050	0.0005	mg/L	27-Jul-15	EPA 5021	
F1: C6-C10	< 0.10	0.1	mg/L	27-Jul-15	CCME CWS PHC	
F2: C10-C16	< 0.25	0.25	mg/L	29-Jul-15	EPA3510	
F3: C16-C34	< 0.25	0.25	mg/L	29-Jul-15	EPA3510	
F4: C34-C50	< 0.25	0.25	mg/L	29-Jul-15	EPA3510	
Toluene	< 0.00050	0.0005	mg/L	27-Jul-15	EPA 5021	
Xylenes	< 0.00071	0.00071	mg/L	27-Jul-15	EPA 5021	

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**- CERTIFICATE OF ANALYSIS -**

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Client Sample ID: **James Creek Upstream**

Taiga Sample ID: **003**

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**- DATA QUALIFIERS -**

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*Data Qualifier Descriptions:*

**104**      *Sample damaged/broken during shipment to lab, analysis not possible*

**\* Taiga analytical methods are based on the following standard analytical methods**

SM - Standard Methods for the Examination of Water and Wastewater

EPA - United States Environmental Protection Agency

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