

APPENDIX B : RAW WATER AND DRINKING WATER ANALYSIS 2007 EUREKA



Taiga Environmental Laboratory
4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- FINAL REPORT -

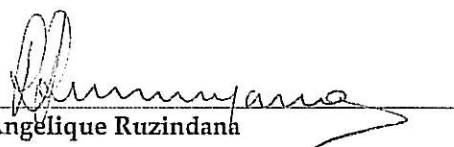
Prepared For: Environment Canada
Eureka Weather Station

Address: 123 Main Street
Suite 150
Winnipeg, MB
R3C 4W2

Attn: Harvey Pukin

Facsimile:

Final report has been reviewed and approved by:


Angélique Ruzindana
Quality Assurance Officer

NOTES:

- Test methods and data are validated by the laboratory's Quality Assurance Program. Taiga Environmental Laboratory is accredited by the Canadian Association of Environmental Analytical Laboratories (CAEAL) as a testing laboratory for specific tests registered with CAEAL.
- 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.

ReportDate: Sunday, May 27, 2007
Print Date: Sunday, May 27, 2007

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Taiga Environmental Laboratory
4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: THM 07-EUI

Taiga Sample ID: 001

Client Project:

Sample Type: Freshwater

Received Date: 15-May-07

Sampling Date: 15-May-07

Sampling Time: 6:00

Location: Water Lagoon

Report Status: FINAL

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	VMV Code	Qualifier
<u>Subcontracted Organics</u>							
1,1,1,2-Tetrachloroethane	<1	1	ug/L	18-May-07	EPA8260		
1,1,1-Trichloroethane	<1	1	ug/L	18-May-07	EPA8260		
1,1,2,2-Tetrachloroethane	<1	1	ug/L	18-May-07	EPA8260		
1,1,2-Trichloroethane	<1	1	ug/L	18-May-07	EPA8260		
1,1-Dichloroethane	<1	1	ug/L	18-May-07	EPA8260		
1,1-Dichloropropene	<1	1	ug/L	18-May-07	EPA8260		
1,2,3-Trichlorobenzene	<1	1	ug/L	18-May-07	EPA8260		
1,2,3-Trichloropropane	<1	1	ug/L	18-May-07	EPA8260		
1,2,4-Trichlorobenzene	<1	1	ug/L	18-May-07	EPA8260		
1,2,4-Trimethylbenzene	<1	1	ug/L	18-May-07	EPA8260		
1,2-Dibromo-3-Chloropropane	<1	1	ug/L	18-May-07	EPA8260		
1,2-Dibromoethane	<1	1	ug/L	18-May-07	EPA8260		
1,2-Dichlorobenzene	<1	1	ug/L	18-May-07	EPA8260		
1,2-Dichloroethane	<1	1	ug/L	18-May-07	EPA8260		
1,2-Dichloroethene	<1	1	ug/L	18-May-07	EPA8260		

Report Date: Sunday, May 27, 2007

Print Date: Sunday, May 27, 2007



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4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: THM 07-EUI

Taiga Sample ID: 001

1,2-Dichloroethene(cis)	< 1	1	ug/L	18-May-07	EPA8260
1,2-Dichloroethene(trans)	< 1	1	ug/L	18-May-07	EPA8260
1,2-Dichloropropane	< 1	1	ug/L	18-May-07	EPA8260
1,3,5-Trimethylbenzene	< 1	1	ug/L	18-May-07	EPA8260
1,3-Dichlorobenzene	< 1	1	ug/L	18-May-07	EPA8260
1,3-Dichloropropane	< 1	1	ug/L	18-May-07	EPA8260
1,3-Dichloropropene(cis)	< 1	1	ug/L	18-May-07	EPA8260
1,3-Dichloropropene(trans)	< 1	1	ug/L	18-May-07	EPA8260
1,4-Dichloro-2-Butene (trans)	< 25	25	ug/L	18-May-07	EPA8260
1,4-Dichloro-2-Butene(cis)	< 25	25	ug/L	18-May-07	EPA8260
1,4-Dichlorobenzene	< 1	1	ug/L	18-May-07	EPA8260
2,2-Dichloropropane	< 10	10	ug/L	18-May-07	EPA8260
2-Butanone (MEK)	< 25	25	ug/L	18-May-07	EPA8260
2-Chloroethyl Vinyl Ether	< 1	1	ug/L	18-May-07	EPA8260
2-Chlorotoluene	< 1	1	ug/L	18-May-07	EPA8260
2-Hexanone	< 25	25	ug/L	18-May-07	EPA8260
4-Chlorotoluene	< 1	1	ug/L	18-May-07	EPA8260
4-Methyl-2-Pentanone	< 25	25	ug/L	18-May-07	EPA8260
Acetone	< 25	25	ug/L	18-May-07	EPA8260
Acetonitrile	< 25	25	ug/L	18-May-07	EPA8260
Acrylonitrile	< 25	25	ug/L	18-May-07	EPA8260
Allyl Chloride	< 25	25	ug/L	18-May-07	EPA8260
Benzene	< 1	1	ug/L	18-May-07	EPA8260
Bromobenzene	< 1	1	ug/L	18-May-07	EPA8260
Bromochloromethane	< 1	1	ug/L	18-May-07	EPA8260

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Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
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- CERTIFICATE OF ANALYSIS -

Client Sample ID: THM 07-EUI

Taiga Sample ID: 001

Bromodichloromethane	< 1	1	ug/L	18-May-07	EPA8260
Bromoform	< 1	1	ug/L	18-May-07	EPA8260
Bromomethane	< 10	10	ug/L	18-May-07	EPA8260
Carbon Tetrachloride	< 1	1	ug/L	18-May-07	EPA8260
Chlorobenzene	< 1	1	ug/L	18-May-07	EPA8260
Chloroethane	< 10	10	ug/L	18-May-07	EPA8260
Chloroform	< 1	1	ug/L	18-May-07	EPA8260
Chloromethane	< 10	10	ug/L	18-May-07	EPA8260
Dibromochloromethane	< 1	1	ug/L	18-May-07	EPA8260
Dibromomethane	< 1	1	ug/L	18-May-07	EPA8260
Dichlorodifluoromethane	< 10	10	ug/L	18-May-07	EPA8260
Ethyl Methacrylate	< 25	25	ug/L	18-May-07	EPA8260
Ethylbenzene	< 1	1	ug/L	18-May-07	EPA8260
Hexachlorobutadiene	< 1	1	ug/L	18-May-07	EPA8260
Hexachloroethane	< 1	1	ug/L	18-May-07	EPA8260
Iodomethane	< 1	1	ug/L	18-May-07	EPA8260
iso-Propylbenzene	< 1	1	ug/L	18-May-07	EPA8260
Methacrylonitrile	< 25	25	ug/L	18-May-07	EPA8260
Methy t-Butyl-Ether	< 1	1	ug/L	18-May-07	EPA8260
Methyl Methacrylate	< 25	25	ug/L	18-May-07	EPA8260
Methylene Chloride	< 5	5	ug/L	18-May-07	EPA8260
Naphthalene	< 5	5	ug/L	18-May-07	EPA8260
n-Butylbenzene	< 1	1	ug/L	18-May-07	EPA8260
n-Propylbenzene	< 1	1	ug/L	18-May-07	EPA8260
Pentachloroethane	< 1	1	ug/L	18-May-07	EPA8260

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- CERTIFICATE OF ANALYSIS -

Client Sample ID: THM 07-EUI

Taiga Sample ID: 001

p-Isopropyltoluene	< 1	1	ug/L	18-May-07 EPA8260
Propionitrile	< 25	25	ug/L	18-May-07 EPA8260
sec-Butylbenzene	< 1	1	ug/L	18-May-07 EPA8260
Styrene	< 1	1	ug/L	18-May-07 EPA8260
tert-Butylbenzene	< 1	1	ug/L	18-May-07 EPA8260
Tetrachloroethene	< 1	1	ug/L	18-May-07 EPA8260
Toluene	< 1	1	ug/L	18-May-07 EPA8260
Trichloroethene	< 1	1	ug/L	18-May-07 EPA8260
Trichlorofluoromethane	< 1	1	ug/L	18-May-07 EPA8260
Trihalomethanes	0.005	0.001	mg/L	18-May-07
Vinyl Chloride	< 2	2	ug/L	18-May-07 EPA8260
Xylenes	< 1	1	ug/L	18-May-07 EPA8260



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Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: TOC 07-EU4

Taiga Sample ID: 002

Client Project:

Sample Type: Freshwater

Received Date: 15-May-07

Sampling Date: 15-May-07

Sampling Time: 6:00

Location: Water Lagoon

Report Status: FINAL

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	VMV Code	Qualifier
<u>Inorganics - Nutrients</u>							
Organic Carbon, Total	61.2	0.5	mg/L	22-May-07	SM5310:B		
<u>Major Ions</u>							
Hardness	1300	0.7	mg/L	22-May-07	SM2340:B	010602	

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Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: Metal 07-EU7

Taiga Sample ID: 003

Client Project:

Sample Type: Freshwater
Received Date: 15-May-07
Sampling Date: 15-May-07
Sampling Time: 6:00
Location: Water Lagoon
Report Status: FINAL

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	VMV Code	Qualifer
<u>Trace Metals, Total</u>							
Aluminum	< 30	30	µg/L	25-May-07	EPA200.8	100107	
Barium	78.1	0.1	µg/L	25-May-07	EPA200.8	100139	
Beryllium	< 0.1	0.1	µg/L	25-May-07	EPA200.8	100105	
Boron	233	0.9	µg/L	25-May-07	EPA200.8		
Cadmium	0.3	0.1	µg/L	25-May-07	EPA200.8	100132	
Chromium	0.3	0.3	µg/L	25-May-07	EPA200.8	100110	
Cobalt	0.6	0.1	µg/L	25-May-07	EPA200.8	100114	
Copper	1.6	0.1	µg/L	25-May-07	EPA200.8	100118	
Iron	53.6	50	µg/L	25-May-07	EPA200.8		
Lead	0.2	0.1	µg/L	25-May-07	EPA200.8	100146	
Manganese	18.2	0.1	µg/L	25-May-07	EPA200.8	100112	
Molybdenum	0.6	0.1	µg/L	25-May-07	EPA200.8	100152	
Nickel	3.5	0.1	µg/L	25-May-07	EPA200.8	100117	
Silver	< 0.1	0.1	µg/L	25-May-07	EPA200.8	100131	
Strontium	1340	0.1	µg/L	25-May-07	EPA200.8	100128	

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Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: Metal 07-EU7

Taiga Sample ID: 003

Thallium	< 0.1	0.1	µg/L	25-May-07	EPA200.8	100140
Titanium	1.4	0.1	µg/L	25-May-07	EPA200.8	102642
Vanadium	0.3	0.1	µg/L	25-May-07	EPA200.8	100109
Zinc	< 10	10	µg/L	25-May-07	EPA200.8	100120

Subcontracted Metals

Silicon	2.51	0.05	mg/L	22-May-07	EPA200.8
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Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: THM 07-EU3

Taiga Sample ID: 004

Client Project:

Sample Type: Reverse osmosis

Received Date: 15-May-07

Sampling Date: 15-May-07

Sampling Time: 6:00

Location: RO TAP Wx OFFICE

Report Status: FINAL

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	VMV Code	Qualifer
<u>Subcontracted Organics</u>							
1,1,1,2-Tetrachloroethane	<1	1	ug/L	18-May-07	EPA8260		
1,1,1-Trichloroethane	<1	1	ug/L	18-May-07	EPA8260		
1,1,2,2-Tetrachloroethane	<1	1	ug/L	18-May-07	EPA8260		
1,1,2-Trichloroethane	<1	1	ug/L	18-May-07	EPA8260		
1,1-Dichloroethane	<1	1	ug/L	18-May-07	EPA8260		
1,1-Dichloropropene	<1	1	ug/L	18-May-07	EPA8260		
1,2,3-Trichlorobenzene	<1	1	ug/L	18-May-07	EPA8260		
1,2,3-Trichloropropane	<1	1	ug/L	18-May-07	EPA8260		
1,2,4-Trichlorobenzene	<1	1	ug/L	18-May-07	EPA8260		
1,2,4-Trimethylbenzene	<1	1	ug/L	18-May-07	EPA8260		
1,2-Dibromo-3-Chloropropane	<1	1	ug/L	18-May-07	EPA8260		
1,2-Dibromoethane	<1	1	ug/L	18-May-07	EPA8260		
1,2-Dichlorobenzene	<1	1	ug/L	18-May-07	EPA8260		
1,2-Dichloroethane	<1	1	ug/L	18-May-07	EPA8260		
1,2-Dichloroethene	<1	1	ug/L	18-May-07	EPA8260		

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Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: THM 07-EU3

Taiga Sample ID: 004

1,2-Dichloroethene(cis)	< 1	1	ug/L	18-May-07	EPA8260
1,2-Dichloroethene(trans)	< 1	1	ug/L	18-May-07	EPA8260
1,2-Dichloropropane	< 1	1	ug/L	18-May-07	EPA8260
1,3,5-Trimethylbenzene	< 1	1	ug/L	18-May-07	EPA8260
1,3-Dichlorobenzene	< 1	1	ug/L	18-May-07	EPA8260
1,3-Dichloropropane	< 1	1	ug/L	18-May-07	EPA8260
1,3-Dichloropropene(cis)	< 1	1	ug/L	18-May-07	EPA8260
1,3-Dichloropropene(trans)	< 1	1	ug/L	18-May-07	EPA8260
1,4-Dichloro-2-Butene (trans)	< 25	25	ug/L	18-May-07	EPA8260
1,4-Dichloro-2-Butene(cis)	< 25	25	ug/L	18-May-07	EPA8260
1,4-Dichlorobenzene	< 1	1	ug/L	18-May-07	EPA8260
2,2-Dichloropropane	< 10	10	ug/L	18-May-07	EPA8260
2-Butanone (MEK)	< 25	25	ug/L	18-May-07	EPA8260
2-Chloroethyl Vinyl Ether	< 1	1	ug/L	18-May-07	EPA8260
2-Chlorotoluene	< 1	1	ug/L	18-May-07	EPA8260
2-Hexanone	< 25	25	ug/L	18-May-07	EPA8260
4-Chlorotoluene	< 1	1	ug/L	18-May-07	EPA8260
4-Methyl-2-Pentanone	< 25	25	ug/L	18-May-07	EPA8260
Acetone	< 25	25	ug/L	18-May-07	EPA8260
Acetonitrile	< 25	25	ug/L	18-May-07	EPA8260
Acrylonitrile	< 25	25	ug/L	18-May-07	EPA8260
Allyl Chloride	< 25	25	ug/L	18-May-07	EPA8260
Benzene	< 1	1	ug/L	18-May-07	EPA8260
Bromobenzene	< 1	1	ug/L	18-May-07	EPA8260
Bromochloromethane	< 1	1	ug/L	18-May-07	EPA8260

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Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: THM 07-EU3

Taiga Sample ID: 004

Bromodichloromethane	< 1	1	ug/L	18-May-07	EPA8260
Bromoform	< 1	1	ug/L	18-May-07	EPA8260
Bromomethane	< 10	10	ug/L	18-May-07	EPA8260
Carbon Tetrachloride	< 1	1	ug/L	18-May-07	EPA8260
Chlorobenzene	< 1	1	ug/L	18-May-07	EPA8260
Chloroethane	< 10	10	ug/L	18-May-07	EPA8260
Chloroform	< 1	1	ug/L	18-May-07	EPA8260
Chloromethane	< 10	10	ug/L	18-May-07	EPA8260
Dibromochloromethane	< 1	1	ug/L	18-May-07	EPA8260
Dibromomethane	< 1	1	ug/L	18-May-07	EPA8260
Dichlorodifluoromethane	< 10	10	ug/L	18-May-07	EPA8260
Ethyl Methacrylate	< 25	25	ug/L	18-May-07	EPA8260
Ethylbenzene	< 1	1	ug/L	18-May-07	EPA8260
Hexachlorobutadiene	< 1	1	ug/L	18-May-07	EPA8260
Hexachloroethane	< 1	1	ug/L	18-May-07	EPA8260
Iodomethane	< 1	1	ug/L	18-May-07	EPA8260
iso-Propylbenzene	< 1	1	ug/L	18-May-07	EPA8260
Methacrylonitrile	< 25	25	ug/L	18-May-07	EPA8260
Methy t-Butyl-Ether	< 1	1	ug/L	18-May-07	EPA8260
Methyl Methacrylate	< 25	25	ug/L	18-May-07	EPA8260
Methylene Chloride	< 5	5	ug/L	18-May-07	EPA8260
Naphthalene	< 5	5	ug/L	18-May-07	EPA8260
n-Butylbenzene	< 1	1	ug/L	18-May-07	EPA8260
n-Propylbenzene	< 1	1	ug/L	18-May-07	EPA8260
Pentachloroethane	< 1	1	ug/L	18-May-07	EPA8260

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Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: THM 07-EU3

Taiga Sample ID: 004

p-Isopropyltoluene	< 1	1	ug/L	18-May-07 EPA8260
Propionitrile	< 25	25	ug/L	18-May-07 EPA8260
sec-Butylbenzene	< 1	1	ug/L	18-May-07 EPA8260
Styrene	< 1	1	ug/L	18-May-07 EPA8260
tert-Butylbenzene	< 1	1	ug/L	18-May-07 EPA8260
Tetrachloroethene	< 1	1	ug/L	18-May-07 EPA8260
Toluene	< 1	1	ug/L	18-May-07 EPA8260
Trichloroethene	< 1	1	ug/L	18-May-07 EPA8260
Trichlorofluoromethane	< 1	1	ug/L	18-May-07 EPA8260
Trihalomethanes	< 0.001	0.001	mg/L	18-May-07
Vinyl Chloride	< 2	2	ug/L	18-May-07 EPA8260
Xylenes	< 1	1	ug/L	18-May-07 EPA8260



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Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: TOC 07-EU6

Taiga Sample ID: 005

Client Project:

Sample Type: Reverse osmosis

Received Date: 15-May-07

Sampling Date: 15-May-07

Sampling Time: 6:00

Location: RO TAP Wx OFFICE

Report Status: FINAL

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	VMV Code	Qualifer
<u>Inorganics - Nutrients</u>							
Organic Carbon, Total	< 0.5	0.5	mg/L	22-May-07	SM5310:B		
<u>Major Ions</u>							
Hardness	1.7	0.7	mg/L	22-May-07	SM2340:B	010602	

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Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: METAL 07-EU9

Taiga Sample ID: 006

Client Project:
Sample Type: Reverse osmosis
Received Date: 15-May-07
Sampling Date: 15-May-07
Sampling Time: 6:00
Location: RO TAP Wx OFFICE
Report Status: FINAL

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	VMV Code	Qualifer
<u>Trace Metals, Total</u>							
Aluminum	0.9	0.6	µg/L	25-May-07	EPA200.8	100107	
Barium	< 0.1	0.1	µg/L	25-May-07	EPA200.8	100139	
Beryllium	< 0.1	0.1	µg/L	25-May-07	EPA200.8	100105	
Boron	149	0.9	µg/L	25-May-07	EPA200.8		
Cadmium	< 0.05	0.05	µg/L	25-May-07	EPA200.8	100132	
Chromium	< 0.1	0.1	µg/L	25-May-07	EPA200.8	100110	
Cobalt	< 0.1	0.1	µg/L	25-May-07	EPA200.8	100114	
Copper	10.1	0.1	µg/L	25-May-07	EPA200.8	100118	
Iron	< 50.0	50	µg/L	25-May-07	EPA200.8		
Lead	0.3	0.1	µg/L	25-May-07	EPA200.8	100146	
Manganese	< 0.1	0.1	µg/L	25-May-07	EPA200.8	100112	
Molybdenum	< 0.1	0.1	µg/L	25-May-07	EPA200.8	100152	
Nickel	3.4	0.1	µg/L	25-May-07	EPA200.8	100117	
Silver	< 0.1	0.1	µg/L	25-May-07	EPA200.8	100131	
Strontium	0.4	0.1	µg/L	25-May-07	EPA200.8	100128	

ReportDate: Sunday, May 27, 2007
Print Date: Sunday, May 27, 2007



Taiga Environmental Laboratory
4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: METAL 07-EU9

Taiga Sample ID: 006

Thallium	< 0.1	0.1	µg/L	25-May-07	EPA200.8	100140
Titanium	< 0.1	0.1	µg/L	25-May-07	EPA200.8	102642
Vanadium	< 0.1	0.1	µg/L	25-May-07	EPA200.8	100109
Zinc	413	0.4	µg/L	25-May-07	EPA200.8	100120

Subcontracted Metals

Silicon	0.07	0.05	mg/L	22-May-07	EPA200.8	
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Taiga Environmental Laboratory
4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: THM 07-EU2

Taiga Sample ID: 007

Client Project:

Sample Type: Drinking Water
Received Date: 15-May-07
Sampling Date: 15-May-07
Sampling Time: 6:00

Location: RO TAP Wx OFFICE

Report Status: FINAL

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	VMV Code	Qualifer
<u>Subcontracted Organics</u>							
1,1,1,2-Tetrachloroethane	< 1	1	ug/L	18-May-07	EPA8260		
1,1,1-Trichloroethane	< 1	1	ug/L	18-May-07	EPA8260		
1,1,2,2-Tetrachloroethane	< 1	1	ug/L	18-May-07	EPA8260		
1,1,2-Trichloroethane	< 1	1	ug/L	18-May-07	EPA8260		
1,1-Dichloroethane	< 1	1	ug/L	18-May-07	EPA8260		
1,1-Dichloropropene	< 1	1	ug/L	18-May-07	EPA8260		
1,2,3-Trichlorobenzene	< 1	1	ug/L	18-May-07	EPA8260		
1,2,3-Trichloropropane	< 1	1	ug/L	18-May-07	EPA8260		
1,2,4-Trichlorobenzene	< 1	1	ug/L	18-May-07	EPA8260		
1,2,4-Trimethylbenzene	< 1	1	ug/L	18-May-07	EPA8260		
1,2-Dibromo-3-Chloropropane	< 1	1	ug/L	18-May-07	EPA8260		
1,2-Dibromoethane	< 1	1	ug/L	18-May-07	EPA8260		
1,2-Dichlorobenzene	< 1	1	ug/L	18-May-07	EPA8260		
1,2-Dichloroethane	< 1	1	ug/L	18-May-07	EPA8260		
1,2-Dichloroethene	< 1	1	ug/L	18-May-07	EPA8260		

ReportDate: Sunday, May 27, 2007
Print Date: Sunday, May 27, 2007



Taiga Environmental Laboratory
4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: THM 07-EU2

Taiga Sample ID: 007

1,2-Dichloroethene(cis)	< 1	1	ug/L	18-May-07	EPA8260
1,2-Dichloroethene(trans)	< 1	1	ug/L	18-May-07	EPA8260
1,2-Dichloropropane	< 1	1	ug/L	18-May-07	EPA8260
1,3,5-Trimethylbenzene	< 1	1	ug/L	18-May-07	EPA8260
1,3-Dichlorobenzene	< 1	1	ug/L	18-May-07	EPA8260
1,3-Dichloropropane	< 1	1	ug/L	18-May-07	EPA8260
1,3-Dichloropropene(cis)	< 1	1	ug/L	18-May-07	EPA8260
1,3-Dichloropropene(trans)	< 1	1	ug/L	18-May-07	EPA8260
1,4-Dichloro-2-Butene (trans)	< 25	25	ug/L	18-May-07	EPA8260
1,4-Dichloro-2-Butene(cis)	< 25	25	ug/L	18-May-07	EPA8260
1,4-Dichlorobenzene	< 1	1	ug/L	18-May-07	EPA8260
2,2-Dichloropropane	< 10	10	ug/L	18-May-07	EPA8260
2-Butanone (MEK)	< 25	25	ug/L	18-May-07	EPA8260
2-Chloroethyl Vinyl Ether	< 1	1	ug/L	18-May-07	EPA8260
2-Chlorotoluene	< 1	1	ug/L	18-May-07	EPA8260
2-Hexanone	< 25	25	ug/L	18-May-07	EPA8260
4-Chlorotoluene	< 1	1	ug/L	18-May-07	EPA8260
4-Methyl-2-Pentanone	< 25	25	ug/L	18-May-07	EPA8260
Acetone	< 25	25	ug/L	18-May-07	EPA8260
Acetonitrile	< 25	25	ug/L	18-May-07	EPA8260
Acrylonitrile	< 25	25	ug/L	18-May-07	EPA8260
Allyl Chloride	< 25	25	ug/L	18-May-07	EPA8260
Benzene	< 1	1	ug/L	18-May-07	EPA8260
Bromobenzene	< 1	1	ug/L	18-May-07	EPA8260
Bromochloromethane	< 1	1	ug/L	18-May-07	EPA8260

ReportDate: Sunday, May 27, 2007
Print Date: Sunday, May 27, 2007



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4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: THM 07-EU2

Taiga Sample ID: 007

Bromodichloromethane	< 1	1	ug/L	18-May-07	EPA8260
Bromoform	< 1	1	ug/L	18-May-07	EPA8260
Bromomethane	< 10	10	ug/L	18-May-07	EPA8260
Carbon Tetrachloride	< 1	1	ug/L	18-May-07	EPA8260
Chlorobenzene	< 1	1	ug/L	18-May-07	EPA8260
Chloroethane	< 10	10	ug/L	18-May-07	EPA8260
Chloroform	< 1	1	ug/L	18-May-07	EPA8260
Chloromethane	< 10	10	ug/L	18-May-07	EPA8260
Dibromochloromethane	< 1	1	ug/L	18-May-07	EPA8260
Dibromomethane	< 1	1	ug/L	18-May-07	EPA8260
Dichlorodifluoromethane	< 10	10	ug/L	18-May-07	EPA8260
Ethyl Methacrylate	< 25	25	ug/L	18-May-07	EPA8260
Ethylbenzene	< 1	1	ug/L	18-May-07	EPA8260
Hexachlorobutadiene	< 1	1	ug/L	18-May-07	EPA8260
Hexachloroethane	< 1	1	ug/L	18-May-07	EPA8260
Iodomethane	< 1	1	ug/L	18-May-07	EPA8260
iso-Propylbenzene	< 1	1	ug/L	18-May-07	EPA8260
Methacrylonitrile	< 25	25	ug/L	18-May-07	EPA8260
Methy t-Butyl-Ether	< 1	1	ug/L	18-May-07	EPA8260
Methyl Methacrylate	< 25	25	ug/L	18-May-07	EPA8260
Methylene Chloride	< 5	5	ug/L	18-May-07	EPA8260
Naphthalene	< 5	5	ug/L	18-May-07	EPA8260
n-Butylbenzene	< 1	1	ug/L	18-May-07	EPA8260
n-Propylbenzene	< 1	1	ug/L	18-May-07	EPA8260
Pentachloroethane	< 1	1	ug/L	18-May-07	EPA8260

ReportDate: Sunday, May 27, 2007
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Taiga Environmental Laboratory
4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: THM 07-EU2

Taiga Sample ID: 007

p-Isopropyltoluene	< 1	1	ug/L	18-May-07	EPA8260
Propionitrile	< 25	25	ug/L	18-May-07	EPA8260
sec-Butylbenzene	< 1	1	ug/L	18-May-07	EPA8260
Styrene	< 1	1	ug/L	18-May-07	EPA8260
tert-Butylbenzene	< 1	1	ug/L	18-May-07	EPA8260
Tetrachloroethene	< 1	1	ug/L	18-May-07	EPA8260
Toluene	< 1	1	ug/L	18-May-07	EPA8260
Trichloroethene	< 1	1	ug/L	18-May-07	EPA8260
Trichlorofluoromethane	< 1	1	ug/L	18-May-07	EPA8260
Trihalomethanes	0.107	0.001	mg/L	18-May-07	
Vinyl Chloride	< 2	2	ug/L	18-May-07	EPA8260
Xylenes	< 1	1	ug/L	18-May-07	EPA8260



Taiga Environmental Laboratory
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Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: TOC 07-EU5

Taiga Sample ID: 008

Client Project:

Sample Type: Drinking Water

Received Date: 15-May-07

Sampling Date: 15-May-07

Sampling Time: 6:00

Location: RO TAP Wx OFFICE

Report Status: FINAL

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	VMV Code	Qualifer
<u>Inorganics - Nutrients</u>							
Organic Carbon, Total	34.7	0.5	mg/L	22-May-07	SM5310:B		
<u>Major Ions</u>							
Hardness	22.3	0.7	mg/L	22-May-07	SM2340:B	010602	

ReportDate: Sunday, May 27, 2007

Print Date: Sunday, May 27, 2007

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Taiga Environmental Laboratory
4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: METAL 07-EU8

Taiga Sample ID: 009

Client Project:

Sample Type: Drinking Water

Received Date: 15-May-07

Sampling Date: 15-May-07

Sampling Time: 6:00

Location: RO TAP Wx OFFICE

Report Status: FINAL

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	VMV Code	Qualifer
<u>Trace Metals, Total</u>							
Aluminum	11.4	0.6	µg/L	25-May-07	EPA200.8	100107	
Barium	1.3	0.1	µg/L	25-May-07	EPA200.8	100139	
Beryllium	< 0.1	0.1	µg/L	25-May-07	EPA200.8	100105	
Boron	206	0.9	µg/L	25-May-07	EPA200.8		
Cadmium	< 0.05	0.05	µg/L	25-May-07	EPA200.8	100132	
Chromium	0.2	0.1	µg/L	25-May-07	EPA200.8	100110	
Cobalt	< 0.1	0.1	µg/L	25-May-07	EPA200.8	100114	
Copper	216	0.1	µg/L	25-May-07	EPA200.8	100118	
Iron	< 50.0	50	µg/L	25-May-07	EPA200.8		
Lead	0.4	0.1	µg/L	25-May-07	EPA200.8	100146	
Manganese	1.6	0.1	µg/L	25-May-07	EPA200.8	100112	
Molybdenum	0.6	0.1	µg/L	25-May-07	EPA200.8	100152	
Nickel	1.9	0.1	µg/L	25-May-07	EPA200.8	100117	
Silver	< 0.1	0.1	µg/L	25-May-07	EPA200.8	100131	
Strontium	18.1	0.1	µg/L	25-May-07	EPA200.8	100128	

ReportDate: Sunday, May 27, 2007

Print Date: Sunday, May 27, 2007



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Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: METAL 07-EU8

Taiga Sample ID: 009

Thallium	< 0.1	0.1	µg/L	25-May-07 EPA200.8	100140
Titanium	0.4	0.1	µg/L	25-May-07 EPA200.8	102642
Vanadium	< 0.1	0.1	µg/L	25-May-07 EPA200.8	100109
Zinc	13.1	0.4	µg/L	25-May-07 EPA200.8	100120

Subcontracted Metals

Silicon	2.24	0.05	mg/L	22-May-07 EPA200.8
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Taiga Environmental Laboratory
4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3
Tel: (867)-669-2788 Fax: (867)-669-2718

Taiga Batch No.:
270218

- CERTIFICATE OF ANALYSIS -

Client Sample ID: METAL 07-EU8

Taiga Sample ID: 009

* 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