

Jessica Pacunayen

From: Heather E. Beck <Heather_Beck@gov.nt.ca>
Sent: April 20, 2020 1:00 PM
To: Galvin Simpson
Cc: asao@behchoko.ca; Danielle Morin; Donald Roberts; deBlieck, Kurt (EC) (kurt.deblieck@canada.ca) (kurt.deblieck@canada.ca); Jessica Pacunayen; David-Scott McQuinn; Bruno Croft
Subject: Rae lagoon cell 2 sample - RUSH

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Galvin,

As per our discussion just now regarding sampling the effluent that has been released. Please sample all parameters as if you are sampling 10 days prior to decant. As below:

2014-R2 BOD5, CBOD, Faecal Coliforms, pH, Suspended Solids, Ammonia-Nitrogen,
 Total Phosphate, oil and grease

PLEASE PUT A RUSH ON THIS!

Thanks!

Heather Beck
Water Resource Officer
Water Division, North Slave Region
Environment and Natural Resources
Government of the Northwest Territories

2nd Floor, ENR Main Building
PO Box 2668
3803 Bretzlaff Drive
Yellowknife, NT X1A 2P9

Phone: 867-767-9238 Ext. 53243
Cell: 867-445-3208

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www.gov.nt.ca

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Jessica Pacunayen

From: Heather E. Beck <Heather_Beck@gov.nt.ca>
Sent: April 22, 2020 9:18 AM
To: Jessica Pacunayen
Subject: RE: Emailing: 200170 - PRELIMINARY REPORT

Follow Up Flag: Follow up
Flag Status: Completed

We have authorized release based on the FC's and that the road engineers were concerned about the road washing out. At 2:20 am they finally got through the culvert but it was just trickling so they may need to steam more today.

Heather

-----Original Message-----

From: Jessica Pacunayen [mailto:jpacunayen@wlwb.ca]
Sent: Wednesday, April 22, 2020 9:14 AM
To: Heather E. Beck
Subject: RE: Emailing: 200170 - PRELIMINARY REPORT

Ahhh got it. Thanks for the update!

Jessica Pacunayen, M.Sc.
Regulatory Specialist
Wek' èzhii Land and Water Board
#1-4905 48th St. | Yellowknife, NT | X1A 3S3 ph 867.765.4591 | fax 867.765.4593 jpacunayen@wlwb.ca | www.wlwb.ca

All correspondence to the Board, including emails, letters, faxes, and attachments are public documents and may be posted to the public registry.

-----Original Message-----

From: Heather E. Beck <Heather_Beck@gov.nt.ca>
Sent: April 22, 2020 9:13 AM
To: Jessica Pacunayen <jpacunayen@wlwb.ca>
Subject: RE: Emailing: 200170 - PRELIMINARY REPORT

Yes they are and because they are not in yet. Results were super-rushed and are coming in as available.

HB

-----Original Message-----

From: Jessica Pacunayen [mailto:jpacunayen@wlwb.ca]
Sent: Wednesday, April 22, 2020 9:10 AM
To: Heather E. Beck
Subject: FW: Emailing: 200170 - PRELIMINARY REPORT

Hi Heather,

I assume the below is the preliminary results for the lagoon spill? Is there a reason why the results from the first half of the page do not show?

Masi,

Jessica Pacunayen, M.Sc.
Regulatory Specialist
Wek' èezhii Land and Water Board
#1-4905 48th St. | Yellowknife, NT | X1A 3S3 ph 867.765.4591 | fax 867.765.4593 jpacunayen@wlwb.ca | www.wlwb.ca

All correspondence to the Board, including emails, letters, faxes, and attachments are public documents and may be posted to the public registry.

-----Original Message-----

From: Glen Hudy <Glen_Hudy@gov.nt.ca>
Sent: April 21, 2020 4:05 PM
To: Galvin Simpson <water@behchoko.ca>; Heather E. Beck <Heather_Beck@gov.nt.ca>; Jessica Pacunayen <jpacunayen@wlwb.ca>; Roberta Judas <rjudas@wlwb.ca>
Subject: Emailing: 200170 - PRELIMINARY REPORT

Galvin,

Please see attached for preliminary report 200170.

Have a good day.

Mársı | Kinanāskomitin | Thank you | Merci | Haj' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsi
Glen Hudy Chemist, Quality Assurance
Environmental Protection and Waste Management Environment and Natural Resources Government of the Northwest Territories

Taiga Environmental Laboratory
PO Box 1320
Yellowknife, NT X1A 2L9

Phone: 867-767-9235 Ext. 53154
Fax: 867-920-8740
www.enr.gov.nt.ca

Survey: <https://www.surveymonkey.com/r/TaigaLab>

Your message is ready to be sent with the following file or link attachments:

200170 - PRELIMINARY REPORT

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.



Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:
200170

- PRELIMINARY REPORT -

Prepared For: Community Government of Behchoko

Address: P.O. Box 68
Behchoko, NT
X0E 0Y0

Attn: Galvin Simpson

Facsimile: (867) 392-6967

Final report has been reviewed and approved by:

A handwritten signature in black ink, appearing to read "Glen Hudy".

Glen Hudy
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 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.

ReportDate:

Print Date: *Tuesday, April 21, 2020*

Page 1 of 3



Taiga Environmental Laboratory

4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9

Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:
200170

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP R2**

Taiga Sample ID: **001**

Client Project: W2014L3-0002

Sample Type: Sewage

Received Date: 20-Apr-20

Sampling Date: 20-Apr-20

Sampling Time: 14:00

Location: SNP R2

Report Status: Preliminary

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen		0.005	mg/L		SM4500-NH3:G	
Biochemical Oxygen Demand		2	mg/L		SM5210:B	
CBOD		2	mg/L		SM5210:B	
Chemical Oxygen Demand		5	mg/L		SM5220:D	
Nitrogen, Total		0.06	mg/L		ISO/TR 11905:1997(E)	
Phosphorous, Total		0.002	mg/L		SM4500-P:D	
<u>Inorganics - Physicals</u>						
pH	7.45		pH units	21-Apr-20	SM4500-H:B	
Solids, Total Suspended		3	mg/L		SM2540:D	
<u>Microbiology</u>						
Coliforms, Fecal	2720	10	CFU/100mL	21-Apr-20	SM9222:D	

ReportDate:

Print Date: *Tuesday, April 21, 2020*

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Taiga Environmental Laboratory

4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9

Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:

200170

- CERTIFICATE OF ANALYSIS -

Client Sample ID: SNP R2

Taiga Sample ID: 001

*** 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

ReportDate:

Print Date: *Tuesday, April 21, 2020*

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Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:
200170

- FINAL REPORT -

Prepared For: Community Government of Behchoko

Address: P.O. Box 68
Behchoko, NT
X0E 0Y0

Attn: Galvin Simpson

Facsimile: (867) 392-6967

Final report has been reviewed and approved by:

Glen Hudy
Quality Assurance Officer

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ReportDate: Monday, April 27, 2020

Print Date: *Monday, April 27, 2020*

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Taiga Environmental Laboratory

4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9

Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:
200170

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP R2**

Taiga Sample ID: **001**

Client Project: W2014L3-0002

Sample Type: Sewage

Received Date: 20-Apr-20

Sampling Date: 20-Apr-20

Sampling Time: 14:00

Location: SNP R2

Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifier
<u>Inorganics - Nutrients</u>						
Ammonia as Nitrogen	22.4	0.005	mg/L	22-Apr-20	SM4500-NH3:G	
Biochemical Oxygen Demand	20	2	mg/L	21-Apr-20	SM5210:B	
CBOD	9	2	mg/L	21-Apr-20	SM5210:B	
Chemical Oxygen Demand	105	5	mg/L	22-Apr-20	SM5220:D	
Nitrogen, Total	28.4	0.06	mg/L	21-Apr-20	ISO/TR 11905:1997(E)	
Phosphorous, Total	6.93	0.002	mg/L	21-Apr-20	SM4500-P:D	
<u>Inorganics - Physicals</u>						
pH	7.45		pH units	21-Apr-20	SM4500-H:B	
Solids, Total Suspended	8	3	mg/L	21-Apr-20	SM2540:D	
<u>Microbiology</u>						
Coliforms, Fecal	2720	10	CFU/100mL	21-Apr-20	SM9222:D	

ReportDate: Monday, April 27, 2020

Print Date: **Monday, April 27, 2020**

Page 2 of 3



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Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.:

200170

- CERTIFICATE OF ANALYSIS -

Client Sample ID: **SNP R2**

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