

July 24, 2010

Water Resources Officer
Nunavut District, Nunavut Region
P.O. Box 100
Iqaluit, NU X0A 0H0

Dear Sir or Madam:

Project No: 60149115

**Regarding: Water Board Licence No. 1BR-SIM0813
Notice of Wastewater Discharge – CAM-D Environmental Site Remediation**

On the behalf of Indian and Northern Affairs Canada (INAC), as per the general conditions of the Nunavut Water Board Licence No. 1BR-SIM0813 (Part D), I would like to provide you with this notice of discharge for treated wastewater generated at the temporary work camp located near the CAM-D Dew Line Site. The sample collected from the final discharge point of the Sewage Disposal Facility at monitoring station (SIM-2) met the effluent quality limits set out in the Water Licence. A copy of the analytical results is also provided for your reference.

If you have any questions or require any additional information please contact me by email mike.zimmel@aecom.com or phone at 780-701-9897.

Sincerely,
AECOM Canada Ltd.



Mike Zimmel
Departmental Representative
CAM-D Environmental Site Remediation Project
mike.zimmel@aecom.com

MZ
Encl.
cc: Dele Morakinyo (INAC), Brad Thompson (PWGSC), Greg Wright (AECOM), Mark Rea (AECOM), François Bourassa (Kudlik)



Certificate of Analysis

Request number: **10-335244**



Date Received: 2010-07-08

Date Certificate Issued: 2010-07-15

Certificate Version: 1

- ☒ **Official Certificate of Analysis**
☐ **Preliminary Certificate of Analysis**

Client

Kudlik Construction Ltd

1781, route de l'Aéroport, C.P. 215
Ancienne-Lorette, Québec, Canada
G2E 3M3
Telephone : (418) 871-3368

P.O. Number	Your project ID.	Project Manager
NA	CAM-D Simpson Lake Nunavut	M. François Bourassa

Comments

This version replaces and cancels all earlier version.

NA : Information Not Available

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Certificate of Analysis

Client: **Kudlik Construction Ltd**

Request Number: **10-335244**

P.O. Number	Your Project ID.	Project Manager
NA	CAM-D Simpson Lake Nunavut	M. François Bourassa

Sample(s)

Lab. No.	1486206
Your Reference	Final effluent of camp sewage water treatment
Matrix	Waste water
Sampled by	M. Daniel Fauteux
Site sampled	Sample Port Final Effluent of bionest
Date sampled	2010-07-07
Date received	2010-07-08

Parameter(s)

Method
Reference

BOD5

QC004-92 / Seed : natural wastewater, 20°C incubation, O2 reading
SM5210 B / MA. 315 - DBO 1.1

Preparation	2010-07-09
Analysis	2010-07-14
Sequential No.	316072
mg/L O2	40

BOD5

State of sample at the reception
(1 = Not frozen / 2 = Frozen)

--
1

pH

QC021-92 / pH-meter (compensation at 20°C)
SM4500 H + B / MA. 100 - pH 1.1 R1

Preparation	2010-07-08
Analysis	2010-07-08
Sequential No.	315979

pH

7.7

Suspended solids

QC033-95 / Filtration, dried at 105 °C, gravimetry
SM2540 D / MA. 115 - S.S. 1.1 R3

Preparation	2010-07-14
Analysis	2010-07-15
Sequential No.	316389

Suspended solids

mg/L 19





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P.O. Number	Your Project ID.	Project Manager
NA	CAM-D Simpson Lake Nunavut	M. François Bourassa

Sample(s)

Lab. No. 1486206
Your Reference Final effluent of camp sewage water treatment
Matrix Waste water
Sampled by M. Daniel Fauteux
Site sampled Sample Port Final Effluent of bionest
Date sampled 2010-07-07
Date received 2010-07-08

Parameter(s)

Method
Reference

Mineral Oil and Grease (gravimetric)

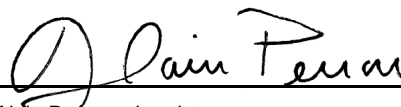
QC061-97 / Hexane extraction, gravimetry
EPA1664 / MA. 400 - HGT 1.1

Preparation 2010-07-13
Analysis 2010-07-15
Sequential No. 316270
mg/L < 1

Comments:

1486206 Final effluent of camp sewage water treatment The sample intended for BOD5 analysis has been received (and was analysed) without freezing

Note: Results pertain only to the samples submitted for analysis.


Alain Perron, chemist





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Request Number: **10-335244**

P.O. Number	Your Project ID.	Project Manager
NA	CAM-D Simpson Lake Nunavut	M. François Bourassa

Sample(s)

Lab. No. 1486206
Your Reference Final effluent of camp sewage water treatment
Matrix Waste water
Sampled by M. Daniel Fauteux
Site sampled Sample Port Final Effluent of bionest
Date sampled 2010-07-07
Date received 2010-07-08

Parameter(s)

Method
Reference

Fecal coliforms

QM005-02 / Fecal Coliforms (membrane filter)
MA. 700 - Fec.Ec 1.0


Fecal coliforms

Preparation -
Analysis 2010-07-09
Sequential No. 316008
UFC/100 mL 66

Comments:

1486206 Final effluent of camp sewage water treatment The sample intended for BOD5 analysis has been received (and was analysed) without freezing

Note: Results pertain only to the samples submitted for analysis.


Jean-François Gauthier, microbiologist





Certificat d'analyses

Client: **Kudlik Construction Ltd**

Request Number: **10-335244**

P.O. Number	Your Project ID.	Project Manager
NA	CAM-D Simpson Lake Nunavut	M. François Bourassa

Quality Control Results (CQ)

Parameters (Sequential ID No.)	Units	RDL	Blank	Certified Control	
				Result	Expected Range
BOD5					
Sequential ID No.: 316072					
BOD5	mg/L O2	< 2	<2	210	160 - 240
State of sample at the reception		<	--	NA	NA
(1 = Not frozen / 2 = Frozen)		<	1	NA	NA
Mineral Oil and Grease (gravimetric)					
Sequential ID No.: 316270					
Mineral Oil and Grease	mg/L	< 1	< 1	25	20 - 40
pH					
Sequential ID No.: 315979					
pH		NA	NA	7.0	6.8 - 7.2
Suspended solids					
Sequential ID No.: 316389					
Suspended solids	mg/L	< 4	<4	110	88 - 132

Comments

RDL : Reported Detection Limit

Appendix 1 of Certificate no.334785 - Page 1 of 1

This certificate must not be reproduced, except in its entirety, without written consent from the laboratory. The official version of this certificate is protected and cannot be modified.
The above-mentioned samples will be retained for a period of 30 days following the issue of this certificate with the exception of microbiology samples or as instructed by the client.
Results pertain only to the samples submitted for analysis.