

Fax Cover Sheet

To: Kathleen Graham

Company: MVLWB

Fax No: 867 873 6610

From: Alan Harris

Date: October 18, 2010

Number of pages: 3 (including cover)

Please find attached the Analytical results of the samples taken from the Hamlet of Fort Liard Sewage Lagoon #3 that were submitted for testing after the emergency decant operation was performed October 8, 9, 10 to prevent dyke over flow. If there are any questions regarding this procedure please contact myself. Thank you,

Sincerely,
Alan Harris

Mackenzie Valley Land
& Water Board

File

OCT 18 2010

Alan Harris
Manager Municipal Operations
Hamlet of Fort Liard, NWT
Phone: 867 770 4104 ext 103
mws@fortliard.com

Application # MV2009L3-0025

Copied To KG/Reg

C.c.: INAC
South Mackenzie District Manager
Fax: 867 669 2720

Hamlet of Fort Liard Fort Liard Northwest Territories

Phone: (867) 770 - 4104 Fax: (867) 770 - 4004

General Delivery Fort Liard NT X0G 0A0



ALPHA LABORATORY SERVICES LTD.

Analytical and Consulting Services

17225 - 109 Avenue
 Edmonton, Alberta T5S 1H7
 Phone: (780) 489-9100 Fax: (780) 489-9700

TECHNICAL REPORT

To: **Hamlet of Fort Liard
 General Delivery
 Fort Liard NT X0G 0A0**

File: **33387**
 Date: **October 14, 2010**
 Attention: **Alan Harris**

Project: **Sewage Lagoon**

Parameter	Unit	Sample ID: Sewage Cell #3 Date Sampled: Oct. 5/10	Test Methods 1600 Hrs. ⊙ N/A	Date Analyzed	Analyst Initials
pH @ 25°C		7.75	4500-H ⁺ B	Oct. 8/10	E.W.
Conductivity @ 25°C	µmhos/cm	1,070	2510 B	Oct. 8/10	E.W.
Biochemical Oxygen Demand	mg/L	30	3120	Oct. 7/10	E.W.
Carbonaceous Biochemical Oxygen Demand	mg/L	27	3120	Oct. 7/10	E.W.
Total Dissolved Solids	mg/L	600	2540 C	Oct. 13/10	S.F.
Total Suspended Solids	mg/L	80	2540 D	Oct. 12/10	S.F.
Ammonia	mg/L N	14	4500-NH ₃ D	Oct. 13/10	S.F.
Fecal Coliforms	CFU/100mL	1,000	9222 A,D	Oct. 7/10	T.H.

⊙ Based on Standard Methods for the Examination of Water and Wastewater, 21st Edition.

Note: Results relate only to the item tested.

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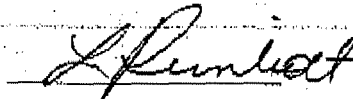
TECHNICAL REPORT

To: Hamlet of Fort Liard

File: 33387

Project: Sewage Lagoon

Analysis Verified and
Report Authorized by:



Lisa Reinbolt
Supervisor

Note: All samples will be disposed of 30 days after analysis. Please advise the laboratory if you require additional sample storage time.