St-Pierre-Jolys
Incorporé 1947
Incorporated 1947

VILLAGE DE/OF ST-PIERRE-JOLYS
C.P./Box 218, St-Pierre-Jolys, Manitoba R0A 1V0
tel (204) 433-7832 fax (204) 433-7053

Dear Mr. Novelas,

The Village of St. Pierre-Jolys requests that Clause 27 (f) of **Environment Act Licence No. 802 R** be suspended from May 11, 2020 until May 24, 2020.

Clause 27(f) states:

> *27. The Licencee shall not discharge effluent from the wetland cell of the wastewater Treatment lagoon:*
>
> *(f) between the 1st day of November of any year and the 15th day of June of the following year.*

The suspension of Clause 27(f) and the subsequent discharge of water from the lagoon/wetland system between May 11 and May 24 is the only option available that will prevent wastewater from breaching the berms of the primary and secondary lagoons while maintaining vegetation within the treatment wetland.

The plan involves the following:

- Isolating the 3rd cell (new secondary cell) from the 2nd cell (old secondary cell) and the primary cell.
- Opening the outlet from the treatment wetland to the Rat River.
- Opening the outlet from the 3rd cell to the treatment wetland
- Managing water levels in the treatment wetland so that they are within the depth range (not to exceed 40 cm) to continue to support cattail growth.
- Bi-weekly sampling of TP.

Further details and considerations regarding the request for suspension of Clause 27(f) are as follows:

- The waste water in the primary and secondary cells currently exceeds the 1 m free board requirements and is at great and immediate risk of breaching the berms and contaminating the surrounding environment (see Photos 1-3).
- The current high water levels in the primary and secondary cells are due to the following:
  - There was no discharge from the St. Pierre-Jolys Lagoon System between October 31, 2016 and October 10, 2020.
  - Discharge from the treatment wetland between October 10 and October 31, 2019 released only a small percentage of the total wastewater from the site.
  - Abnormally high precipitation in September 2019 raised water levels within the lagoon cells.
- The last wastewater addition to the treatment wetland was on August 29, 2019.

- Water in the treatment wetland and the 3rd cell currently meets all provincial discharge targets as sampled on April 27, 2020 (Appendix 1 and 2).
- Water levels in the treatment wetland are currently at the maximum height to support cattail. Cattail is the vegetation responsible for phosphorous removal. Any addition of water to the wetland at its current depth will result in the loss of cattail due to "drowning" and the subsequent loss of the phosphorus removal function of the wetland. This is the reason why water inputs from the 3rd cell must be matched with water discharge from the wetland.

Please contact us if you require any further information regarding our request for the suspension of Clause 27 (f) of **Environment Act Licence No. 802 R**.

Sincerely,

Tina Bubenzer
Chief Administrative Officer
Village de St-Pierre-Jolys
204-433-7832 Ph
cao@villagestpierrejolys.ca

Photo 1. Primary cell

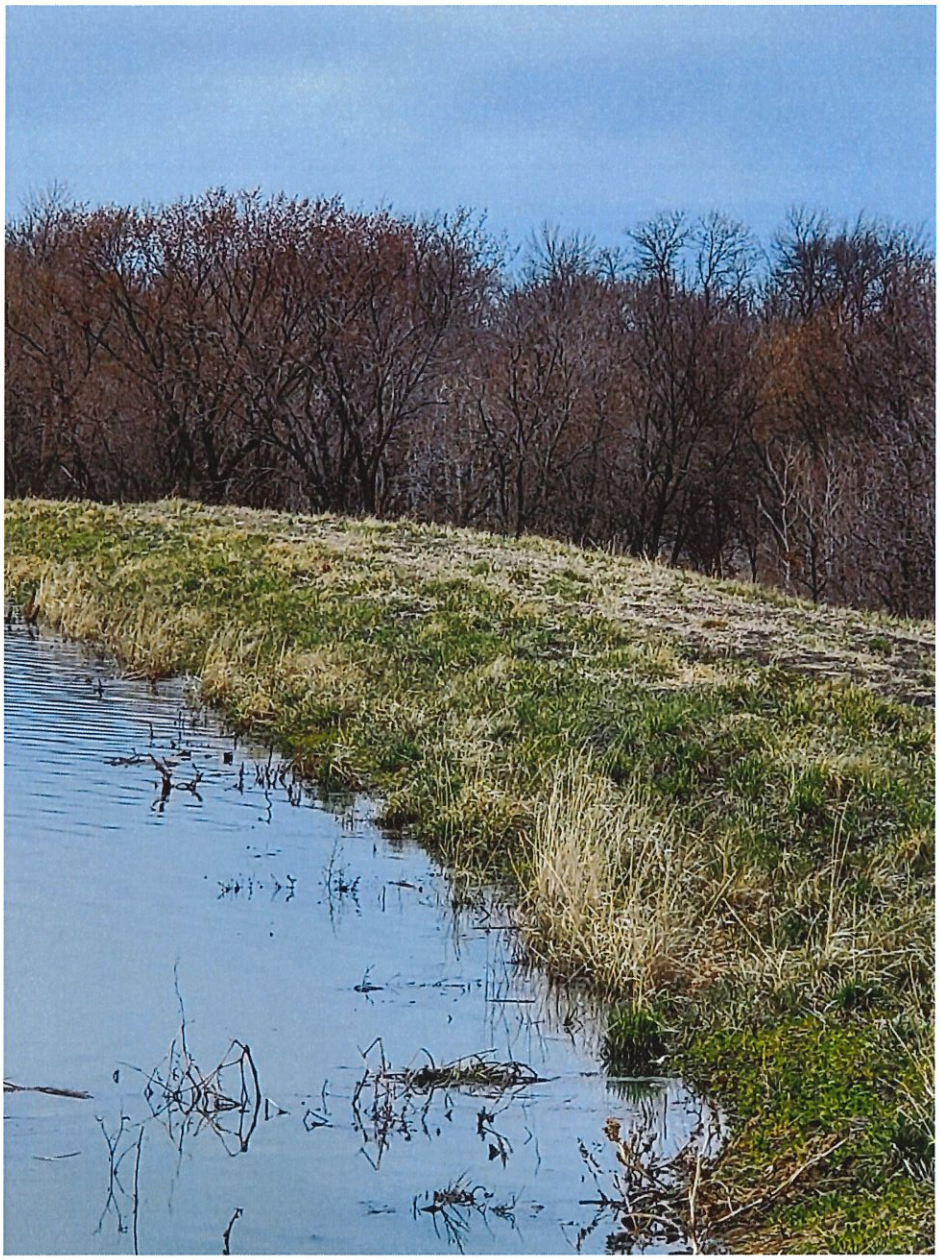

Photo 2. Second cell (old secondary cell)

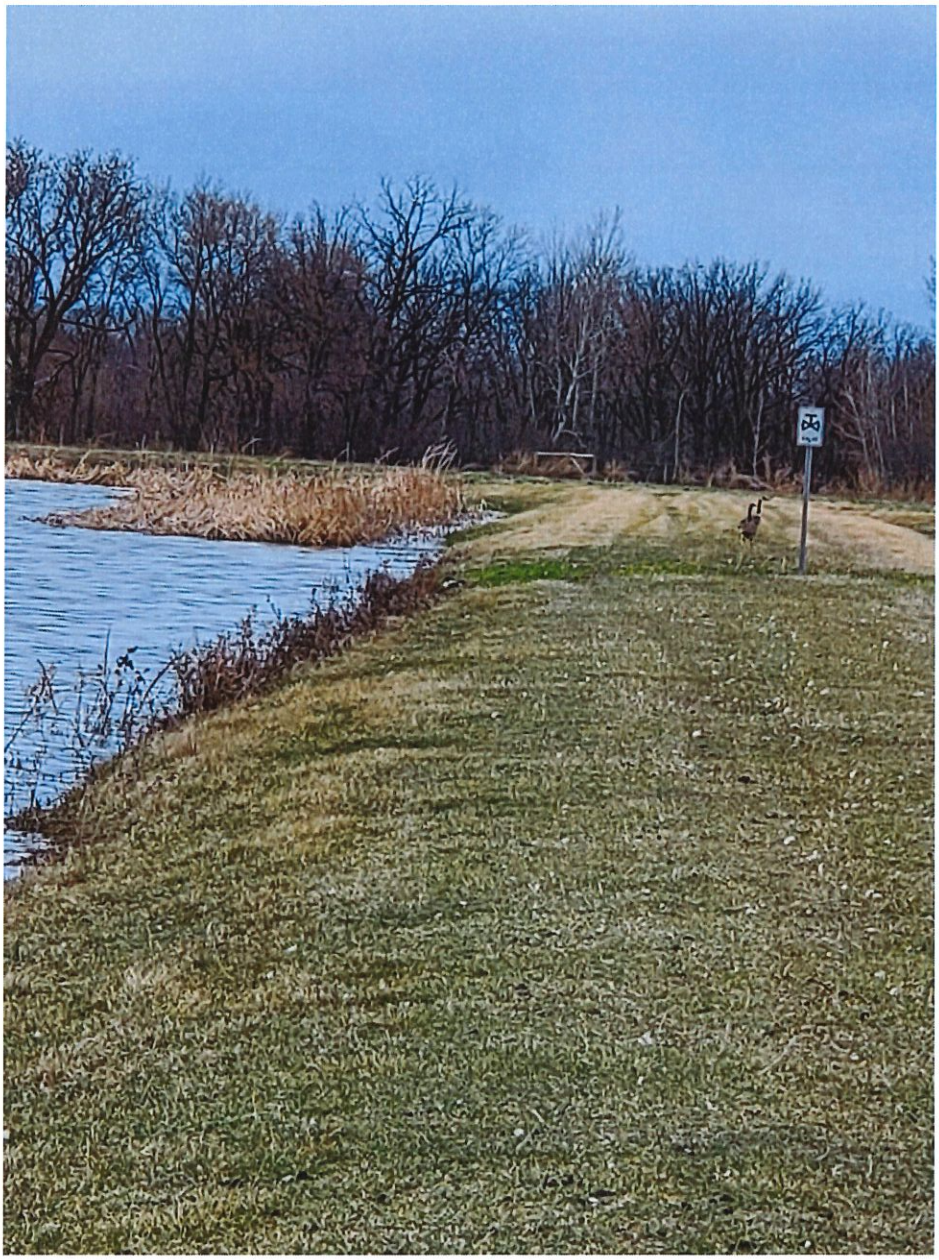

Photo 3. Third cell (new secondary cell)

Appendix 1. Water quality results from the St. Pierre-Jolys Treatment Wetland – April 27, 2020.

Village of St-Pierre-Jolys
ATTN: Bruce Friesen-Pankratz
PO Box 218
555 Hebert Ave
St-Pierre-Jolys MB R0A 1V0

Date Received: 27-APR-20
Report Date: 05-MAY-20 07:15 (MT)
Version: FINAL

Client Phone: 204-746-5771

Certificate of Analysis

Lab Work Order #: L2440699
Project P.O. #: NOT SUBMITTED
Job Reference: ST. PIERRE
C of C Numbers:
Legal Site Desc:

Comments:
1-MAY-2020 Preliminary report

Hua Wo
Chemistry Laboratory Manager

ADDRESS: 1329 Niakwa Road East, Unit 12, Winnipeg, MB R2J 3T4 Canada | Phone: +1 204 255 9720 | Fax: +1 204 255 9721

ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID	L2440699-1				
	Description	TREATED MUNI				
	Sampled Date	27-APR-20				
	Sampled Time	11:30				
	Client ID	WETLAND				
Grouping	Analyte					
WATER						
Physical Tests	pH at 15C, WSER (pH)	7.63				
	Total Suspended Solids (mg/L)	<2.0				
Anions and Nutrients	Ammonia, Total (as N) (mg/L)	<0.010				
	Ammonia, Un-Ionized (as N), 15C, WSER (mg/L)	<0.00012				
	Phosphorus (P)-Total (mg/L)	0.0432				
Bacteriological Tests	Fecal Coliforms (MPN/100mL)	3				
Aggregate Organics	BOD Carbonaceous (mg/L)	2.1				

* Please refer to the Reference Information section for an explanation of any qualifiers detected.

Reference Information

QC Samples with Qualifiers & Comments:

QC Type Description	Parameter	Qualifier	Applies to Sample Number(s)
Duplicate	Fecal Coliforms	DUPM	L2440699-1

Qualifiers for Individual Parameters Listed:

Qualifier	Description
DUPM	MPN duplicate results were outside default ALS Data Quality Objective, but within 95% confidence interval for MPN reference method. Sample results are reliable.

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
BOD-CBOD-WP	Water	Carbonaceous BOD	APHA 5210 B
Samples are diluted and seeded, have TCMP added to inhibit nitrogenous demands, and then are incubated in airtight bottles at 20□C for 5 days. Dissolved oxygen is measured initially and after incubation, and results are computed from the difference between initial and final DO.			
EC-SCREEN-WP	Water	Conductivity Screen (Internal Use Only)	APHA 2510
Qualitative analysis of conductivity where required during preparation of other test eg. IC, TDS, TSS, etc			
FC-QT97-WP	Water	Fecal Coliform by MPN QT97	APHA 9223B QT97
This analysis is carried out using procedures adapted from APHA Method 9223B "Enzyme Substrate Coliform Test". The sample is mixed with a mixture of hydrolyzable substrates and then sealed in a 97-well packet. The packet is incubated at 44.5 +/- 0.2 degrees C for 18 hours and then the number of wells exhibiting a positive response are counted. The final result is obtained by comparing the number of positive responses to a probability table.			
NH3-COL-WP	Water	Ammonia by colour	APHA 4500 NH3 F
Ammonia in water samples forms indophenol when reacted with hypochlorite and phenol. The intensity is amplified by the addition of sodium nitroprusside and measured colourmetrically.			
NH3-UNION-15-CALC-WP	Water	Un-Ionized Ammonia at 15C, WSER	WSER 29June2012
Un-Ionized Ammonia at 15C is calculated from test results for Total Ammonia and for pH at 15C, as per the federal Wastewater Systems Effluent Regulation, and is expressed in units of mg/L "as N".			
P-T-COL-WP	Water	Phosphorus, Total	APHA 4500 P PHOSPHORUS-L
This analysis is carried out using procedures adapted from APHA METHOD 4500-P "Phosphorus". Total Phosphorus is determined colourmetrically after persulphate digestion of the sample.			
PH-15C-MAN-WP	Water	pH in Water (at 15C)	APHA 4500-H+ B (2000)
pH at 15C is determined by the electrometric method after equilibration of test samples and pH buffer solutions to 15 +/- 1 C, and is used to calculate Un-Ionized Ammonia for the federal Wastewater Systems Effluent Regulation. A 5 day recommended hold time is based on the trout acute lethality test, which pH at 15C is intended to represent.			
SOLIDS-TOTSUS-WP	Water	Total Suspended Solids	APHA 2540 D (modified)
Total suspended solids in aquesous matrices is determined gravimetrically after drying the residue at 103 □ 105□C.			

** ALS test methods may incorporate modifications from specified reference methods to improve performance.

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location
WP	ALS ENVIRONMENTAL - WINNIPEG, MANITOBA, CANADA

Chain of Custody Numbers:

GLOSSARY OF REPORT TERMS

Surrogate - A compound that is similar in behaviour to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.
mg/kg - milligrams per kilogram based on dry weight of sample.
mg/kg wwt - milligrams per kilogram based on wet weight of sample.
mg/kg lwt - milligrams per kilogram based on lipid-adjusted weight of sample.
mg/L - milligrams per litre.
< - Less than.
D.L. - The reported Detection Limit, also known as the Limit of Reporting (LOR).
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.

ALS Environmental

Quality Control Report

Workorder: L2440699 Report Date: 05-MAY-20

Client: Village of St-Pierre-Jolys
PO Box 218 555 Hebert Ave
St-Pierre-Jolys MB R0A 1V0

Contact: Bruce Friesen-Pankratz

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
BOD-CBOD-WP	Water							
Batch R5075729								
WG3314764-2 LCS								
BOD Carbonaceous			104.5		%		85-115	29-APR-20
WG3314764-1 MB								
BOD Carbonaceous			<2.0		mg/L		2	29-APR-20
FC-QT97-WP	Water							
Batch R5067263								
WG3313923-2 DUP		L2440699-1						
Fecal Coliforms		3	1	DUPM	MPN/100mL	2	2	27-APR-20
WG3313923-1 MB								
Fecal Coliforms			<1		MPN/100mL		1	27-APR-20
NH3-COL-WP	Water							
Batch R5069501								
WG3314983-10 LCS								
Ammonia, Total (as N)			100.6		%		85-115	28-APR-20
WG3314983-9 MB								
Ammonia, Total (as N)			<0.010		mg/L		0.01	28-APR-20
P-T-COL-WP	Water							
Batch R5071036								
WG3316353-3 DUP		L2440699-1						
Phosphorus (P)-Total		0.0432	0.0432		mg/L	0.0	20	30-APR-20
WG3316353-2 LCS								
Phosphorus (P)-Total			96.9		%		80-120	30-APR-20
WG3316353-1 MB								
Phosphorus (P)-Total			<0.0030		mg/L		0.003	30-APR-20
PH-15C-MAN-WP	Water							
Batch R5070638								
WG3316270-1 LCS								
pH at 15C, WSER			7.38		pH		7.3-7.5	01-MAY-20
SOLIDS-TOTSUS-WP	Water							
Batch R5069018								
WG3314127-6 LCS								
Total Suspended Solids			96.4		%		85-115	28-APR-20
WG3314127-5 MB								
Total Suspended Solids			<2.0		mg/L		2	28-APR-20

Legend:

Limit	ALS Control Limit (Data Quality Objectives)
DUP	Duplicate
RPD	Relative Percent Difference
N/A	Not Available
LCS	Laboratory Control Sample
SRM	Standard Reference Material
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ADE	Average Desorption Efficiency
MB	Method Blank
IRM	Internal Reference Material
CRM	Certified Reference Material
CCV	Continuing Calibration Verification
CVS	Calibration Verification Standard
LCSD	Laboratory Control Sample Duplicate

Sample Parameter Qualifier Definitions:

Qualifier	Description
DUPM	MPN duplicate results were outside default ALS Data Quality Objective, but within 95% confidence interval for MPN reference method. Sample results are reliable.

Hold Time Exceedances:

ALS Product Description	Sample ID	Sampling Date	Date Processed	Rec. HT	Actual HT	Units	Qualifier
Physical Tests							
pH in Water (at 15C)	1	27-APR-20 11:30	01-MAY-20 08:00	0.25	92	hours	EHTR-FM

Legend & Qualifier Definitions:

EHTR-FM:	Exceeded ALS recommended hold time prior to sample receipt. Field Measurement recommended.
EHTR:	Exceeded ALS recommended hold time prior to sample receipt.
EHTL:	Exceeded ALS recommended hold time prior to analysis. Sample was received less than 24 hours prior to expiry.
EHT:	Exceeded ALS recommended hold time prior to analysis.
Rec. HT:	ALS recommended hold time (see units).

Notes*:
Where actual sampling date is not provided to ALS, the date (& time) of receipt is used for calculation purposes.
Where actual sampling time is not provided to ALS, the earlier of 12 noon on the sampling date or the time (& date) of receipt is used for calculation purposes. Samples for L2440699 were received on 27-APR-20 14:40.

ALS recommended hold times may vary by province. They are assigned to meet known provincial and/or federal government requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by the US EPA, APHA Standard Methods, or Environment Canada (where available). For more information, please contact ALS.

The ALS Quality Control Report is provided to ALS clients upon request. ALS includes comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against pre-determined data quality objectives to provide confidence in the accuracy of associated test results.

Please note that this report may contain QC results from anonymous Sample Duplicates and Matrix Spikes that do not originate from this Work Order.

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

L2440899-COFC

Chain of Custody / Analytical Request Form
INISTRY INFO: (204) 255 9739
D INFO: (204) 255 9740 OR (204) 255 9737

WORK ORDER NO:

FOR LABORATORY USE ONLY (SHA
Sample Condition Upon Receipt: ☐ ACCEPTABLE ☐ NON ACCEPTABLE
☐ Frozen ☐ Cold ☐ Ambient ☐ Broken ☐ Leakage ☐ Incorrect Sample Container
COMMENT:

LAB NO.: L2440899
DATE RECEIVED: 27-4-20
TIME RECEIVED: 2:40 17.9°C
BY: CM

Date Sampled: April 27 Time: 11:30 A.M. ☑ P.M. ☐
Location: St. Pierre (Town, Community, City)
Community Code Number:

Date Required:
Submitter's Name Printed: Bruce Friesen-Pankratz
Sample Submitted By: Bruce
Rural Municipality/LGC/UVD:

SAMPLE TYPE
DRINKING WATER
☐ Untreated Well
☐ Treated Well
☐ Treated Municipal
☐ Non-Treated Municipal
☐ Water-Surface-Raw
☐ Water-Surface-Treated
PURPOSE OF TEST
☐ Private ☐ Real Estate ☐ Water Main

NON-DRINKING WATER
☐ Sewage/Waste Water
☐ Lake/River
☐ Swimming Pool
☐ Whirl Pool
☐ Other

PLEASE PRINT & PRESS FIRMLY

NOTES & CONDITIONS
1. Quote number must be provided to insure proper y analysis.
2. Failure to properly complete all portions of this f
3. ALS's liability limited to cost of analysis.

SERVICE REQUESTED
☐ REGULAR ☒ PRIORITY (50% SURCHARGE) ☐ EMERGENCY (100% SURCHARGE)

LAB NUMBER	SAMPLE IDENTIFICATION
	Wetland

ALS CUSTOMER #: QUOTE #:

REPORT TO BE SENT TO
NAME: Bruce Friesen-Pankratz
COMPANY: Native Plant Solutions
ADDRESS:
CITY/TOWN: / PROV.:
POSTAL CODE: - See business card enclosed
PHONE:
BY: MAIL ☐ FAX ☐ (FAX NUMBER)
PICKUP ☐ E-MAIL ☒ (EMAIL ADDRESS)
CC b_friesen-pankratz@ducks.c
NAME:
ADDRESS:
CITY/TOWN: / PROV.:
POSTAL CODE:
PHONE:
BY: MAIL ☐ FAX ☐ (FAX NUMBER)
PICKUP ☐ E-MAIL ☐ (EMAIL ADDRESS)

Analyses required - Total Phosphorus
- Unionized Ammonia
- TSS
- Fecal Coliforms
- CBOD

BILLING ADDRESS SAME AS REPORT TO ☒
NAME:
COMPANY:
ADDRESS:
CITY/TOWN: / PROV.:
POSTAL CODE:

PAYMENT PARTICULARS
☐ INVOICE NEEDED / CLIENTS P.O. NO.
☐ INTERAC
☐ CASH Subtotal $
☐ CHEQUE G.S.T. $
☐ VISA / MASTERCARD Total $
* OUR POLICY IS NOT TO ACCEPT SAMPLES FROM THE PRIVATE CITIZEN WITHOUT PREPAYMENT

SAMPLING INSTRUCTIONS ON REVERSE SIDE

Manitoba Technology Centre Ltd.
Part of the **ALS Laboratory Group**
12 - 1329 Niakwa Rd. E., Winnipeg, MB Canada R2J 3T4
Phone: +1 204 255 9720 Fax: +1 204 255 9721 www.alsglobal.com
A Campbell Brothers Limited Company

SUBMITTER COPY

ENTERED IN LIMS BY:

Appendix 2. Water quality results from the St. Pierre-Jolys 2nd cell – April 27, 2020.

Village of St-Pierre-Jolys
ATTN: Bruce Friesen-Pankratz
PO Box 218
555 Hebert Ave
St-Pierre-Jolys MB R0A 1V0

Date Received: 27-APR-20
Report Date: 05-MAY-20 10:23 (MT)
Version: FINAL

Client Phone: 204-746-5771

Certificate of Analysis

Lab Work Order #: L2440702
Project P.O. #: NOT SUBMITTED
Job Reference: ST. PIERRE
C of C Numbers:
Legal Site Desc:

Hua Wo
Chemistry Laboratory Manager

ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID	L2440702-1				
	Description	TREATED MUNIC				
	Sampled Date	27-APR-20				
	Sampled Time	11:45				
	Client ID	SECONDARY CELL				
Grouping	Analyte					
WATER						
Physical Tests	pH at 15C, WSER (pH)	7.47				
	Total Suspended Solids (mg/L)	6.1				
Anions and Nutrients	Ammonia, Total (as N) (mg/L)	0.109				
	Ammonia, Un-Ionized (as N), 15C, WSER (mg/L)	0.000867				
	Phosphorus (P)-Total (mg/L)	0.265				
Bacteriological Tests	Fecal Coliforms (MPN/100mL)	<1				
Aggregate Organics	BOD Carbonaceous (mg/L)	4.1				

* Please refer to the Reference Information section for an explanation of any qualifiers detected.

Reference Information

QC Samples with Qualifiers & Comments:

QC Type Description	Parameter	Qualifier	Applies to Sample Number(s)
Duplicate	Fecal Coliforms	DUPM	L2440702-1

Qualifiers for Individual Parameters Listed:

Qualifier	Description
DUPM	MPN duplicate results were outside default ALS Data Quality Objective, but within 95% confidence interval for MPN reference method. Sample results are reliable.

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
BOD-CBOD-WP	Water	Carbonaceous BOD	APHA 5210 B
Samples are diluted and seeded, have TCMP added to inhibit nitrogenous demands, and then are incubated in airtight bottles at 20□C for 5 days. Dissolved oxygen is measured initially and after incubation, and results are computed from the difference between initial and final DO.			
EC-SCREEN-WP	Water	Conductivity Screen (Internal Use Only)	APHA 2510
Qualitative analysis of conductivity where required during preparation of other test eg. IC, TDS, TSS, etc			
FC-QT97-WP	Water	Fecal Coliform by MPN QT97	APHA 9223B QT97
This analysis is carried out using procedures adapted from APHA Method 9223B "Enzyme Substrate Coliform Test". The sample is mixed with a mixture of hydrolyzable substrates and then sealed in a 97-well packet. The packet is incubated at 44.5 +/- 0.2 degrees C for 18 hours and then the number of wells exhibiting a positive response are counted. The final result is obtained by comparing the number of positive responses to a probability table.			
NH3-COL-WP	Water	Ammonia by colour	APHA 4500 NH3 F
Ammonia in water samples forms indophenol when reacted with hypochlorite and phenol. The intensity is amplified by the addition of sodium nitroprusside and measured colourmetrically.			
NH3-UNION-15-CALC-WP	Water	Un-Ionized Ammonia at 15C, WSER	WSER 29June2012
Un-Ionized Ammonia at 15C is calculated from test results for Total Ammonia and for pH at 15C, as per the federal Wastewater Systems Effluent Regulation, and is expressed in units of mg/L "as N".			
P-T-COL-WP	Water	Phosphorus, Total	APHA 4500 P PHOSPHORUS-L
This analysis is carried out using procedures adapted from APHA METHOD 4500-P "Phosphorus". Total Phosphorus is determined colourmetrically after persulphate digestion of the sample.			
PH-15C-MAN-WP	Water	pH in Water (at 15C)	APHA 4500-H+ B (2000)
pH at 15C is determined by the electrometric method after equilibration of test samples and pH buffer solutions to 15 +/- 1 C, and is used to calculate Un-Ionized Ammonia for the federal Wastewater Systems Effluent Regulation. A 5 day recommended hold time is based on the trout acute lethality test, which pH at 15C is intended to represent.			
SOLIDS-TOTSUS-WP	Water	Total Suspended Solids	APHA 2540 D (modified)
Total suspended solids in aquesous matrices is determined gravimetrically after drying the residue at 103 □ 105□C.			

** ALS test methods may incorporate modifications from specified reference methods to improve performance.

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location
WP	ALS ENVIRONMENTAL - WINNIPEG, MANITOBA, CANADA

Chain of Custody Numbers:

GLOSSARY OF REPORT TERMS

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mg/kg - milligrams per kilogram based on dry weight of sample.
mg/kg wwt - milligrams per kilogram based on wet weight of sample.
mg/kg lwt - milligrams per kilogram based on lipid-adjusted weight of sample.
mg/L - milligrams per litre.
< - Less than.
D.L. - The reported Detection Limit, also known as the Limit of Reporting (LOR).
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.

ALS Environmental

Quality Control Report

Workorder: L2440702 Report Date: 05-MAY-20

Client: Village of St-Pierre-Jolys
PO Box 218 555 Hebert Ave
St-Pierre-Jolys MB R0A 1V0

Contact: Bruce Friesen-Pankratz

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
BOD-CBOD-WP	Water							
Batch R5075729								
WG3314764-3 DUP		L2440702-1						
BOD Carbonaceous		4.1	3.9		mg/L	5.0	20	29-APR-20
WG3314764-2 LCS								
BOD Carbonaceous			104.5		%		85-115	29-APR-20
WG3314764-1 MB								
BOD Carbonaceous			<2.0		mg/L		2	29-APR-20
FC-QT97-WP	Water							
Batch R5067263								
WG3313923-1 MB								
Fecal Coliforms			<1		MPN/100mL		1	27-APR-20
NH3-COL-WP	Water							
Batch R5073084								
WG3316917-2 LCS								
Ammonia, Total (as N)			102.3		%		85-115	01-MAY-20
WG3316917-1 MB								
Ammonia, Total (as N)			<0.010		mg/L		0.01	01-MAY-20
P-T-COL-WP	Water							
Batch R5071036								
WG3316353-2 LCS								
Phosphorus (P)-Total			96.9		%		80-120	30-APR-20
WG3316353-1 MB								
Phosphorus (P)-Total			<0.0030		mg/L		0.003	30-APR-20
PH-15C-MAN-WP	Water							
Batch R5070638								
WG3316270-1 LCS								
pH at 15C, WSER			7.38		pH		7.3-7.5	01-MAY-20
SOLIDS-TOTSUS-WP	Water							
Batch R5074319								
WG3315635-2 LCS								
Total Suspended Solids			96.8		%		85-115	30-APR-20
WG3315635-1 MB								
Total Suspended Solids			<2.0		mg/L		2	30-APR-20

Legend:

Limit	ALS Control Limit (Data Quality Objectives)
DUP	Duplicate
RPD	Relative Percent Difference
N/A	Not Available
LCS	Laboratory Control Sample
SRM	Standard Reference Material
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ADE	Average Desorption Efficiency
MB	Method Blank
IRM	Internal Reference Material
CRM	Certified Reference Material
CCV	Continuing Calibration Verification
CVS	Calibration Verification Standard
LCSD	Laboratory Control Sample Duplicate

Quality Control Report

Workorder: L2440702 Report Date: 05-MAY-20 Page 3 of 3

Hold Time Exceedances:

ALS Product Description	Sample ID	Sampling Date	Date Processed	Rec. HT	Actual HT	Units	Qualifier
Physical Tests							
pH in Water (at 15C)	1	27-APR-20 11:45	01-MAY-20 08:00	0.25	92	hours	EHTR-FM

Legend & Qualifier Definitions:

EHTR-FM:	Exceeded ALS recommended hold time prior to sample receipt. Field Measurement recommended.
EHTR:	Exceeded ALS recommended hold time prior to sample receipt.
EHTL:	Exceeded ALS recommended hold time prior to analysis. Sample was received less than 24 hours prior to expiry.
EHT:	Exceeded ALS recommended hold time prior to analysis.
Rec. HT:	ALS recommended hold time (see units).

Notes*:
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Where actual sampling time is not provided to ALS, the earlier of 12 noon on the sampling date or the time (& date) of receipt is used for calculation purposes. Samples for L2440702 were received on 27-APR-20 14:40.

ALS recommended hold times may vary by province. They are assigned to meet known provincial and/or federal government requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by the US EPA, APHA Standard Methods, or Environment Canada (where available). For more information, please contact ALS.

The ALS Quality Control Report is provided to ALS clients upon request. ALS includes comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against pre-determined data quality objectives to provide confidence in the accuracy of associated test results.

Please note that this report may contain QC results from anonymous Sample Duplicates and Matrix Spikes that do not originate from this Work Order.

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

12 - 1329 Niakwa Rd. E., Winnipeg, MB Canada R2J 3T4

Chain of Custody / Analytical Request Form

INDUSTRY INFO: (204) 255 9739
INFO: (204) 255 9740 OR (204) 255 9737

L2440702-COFC

WORK ORDER NO:

LAB NO.: L2440702

DATE RECEIVED: 27-4-23

TIME RECEIVED: 2:40 18.8 °C

BY: CM

FOR LABORATORY USE ONLY (SHAD

Sample Condition Upon Receipt: ☐ ACCEPTABLE ☐ NON ACCEPTABLE

☐ Frozen ☐ Cold ☐ Ambient ☐ Broken ☐ Leakage ☐ Incorrect Sample Container

COMMENT:

Date Sampled: April 27 Time: 11 : 45 A.M. ☒ P.M. ☐

Date Required:

Location: St. Pierre (Town, Community, City)

Submitter's Name Printed: Bruce Friesen-Pankratz

Sample Submitted By: [illegible]

Community Code Number:

Rural Municipality/LGC/UVD:

SAMPLE TYPE

DRINKING WATER
- ☐ Untreated Well
- ☐ Treated Well
- ☒ Treated Municipal
- ☐ Non-Treated Municipal
- ☐ Water-Surface-Raw
- ☐ Water-Surface-Treated

NON-DRINKING WATER
- ☐ Sewage/Waste Water
- ☐ Lake/River
- ☐ Swimming Pool
- ☐ Whirl Pool
- ☐ Other

PURPOSE OF TEST
☐ Private ☐ Real Estate ☐ Water Main

PLEASE PRINT & PRESS FIRMLY

NOTES & CONDITIONS
1. Quote number must be provided to insure proper pricing.
2. Failure to properly complete all portions of this form may delay analysis.
3. ALS's liability limited to cost of analysis.

SERVICE REQUESTED
☒ REGULAR ☐ PRIORITY (50% SURCHARGE) ☐ EMERGENCY (100% SURCHARGE)

LAB NUMBER	SAMPLE IDENTIFICATION
	Secondary Cell

ALS CUSTOMER #: QUOTE #:

REPORT TO BE SENT TO

NAME: Bruce Friesen-Pankratz
COMPANY: Native Plant Solutions
ADDRESS:
CITY/TOWN: / PROV.:
POSTAL CODE: -See Business Card
PHONE:
BY: MAIL ☐ FAX ☐ (FAX NUMBER)
PICKUP ☐ E-MAIL ☒ (EMAIL ADDRESS)
CC b_friesen-pankratz@ducks.ca
NAME:
ADDRESS:
CITY/TOWN: / PROV.:
POSTAL CODE:
PHONE:
BY: MAIL ☐ FAX ☐ (FAX NUMBER)
PICKUP ☐ E-MAIL ☐ (EMAIL ADDRESS)

Analyses required
Total Phosphorus
Unionized Ammonia
TSS
CBOD
Fecal Coliforms

BILLING ADDRESS SAME AS REPORT TO ☒
NAME:
COMPANY:
ADDRESS:
CITY/TOWN: / PROV.:
POSTAL CODE:

SAMPLING INSTRUCTIONS ON REVERSE SIDE

PAYMENT PARTICULARS
- ☐ INVOICE NEEDED / CLIENT'S P.O. NO.
- ☐ INTERAC
- ☐ CASH Subtotal $
- ☐ CHEQUE G.S.T. $
- ☐ VISA / MASTERCARD Total $

*OUR POLICY IS NOT TO ACCEPT SAMPLES FROM THE PRIVATE CITIZEN WITHOUT PREPAYMENT

ENTERED IN LIMS BY:

Manitoba Technology Centre Ltd.
Part of the **ALS Laboratory Group**
12 - 1329 Niakwa Rd. E., Winnipeg, MB Canada R2J 3T4
Phone: +1 204 255 9720 Fax: +1 204 255 9721 www.alsglobal.com
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