Notice of Alteration Form



Sustainable Development

Client File No.: 3363.10 Environment Act Licence No.:								
Lagal came of the Liconces:	Low Farms 98 LTD							
Name of the development:								
	er Classes of Development Regulation:							
<select> agricultur</select>	<select></select>							
Licencee Contact Person:								
Mailing address of the Licencee:	Bux 23							
City: Arnund	Province: MB Postal Code: ROA080 ax: Email: bccelectrc@gmail.com							
Phone Number: Fa	ax: Email: bccelectre@gmail.com							
Philly Tschet	or purposes of the environmental assessment (e.g. consultant):							
Phone: 204-746-2047	Mailing address:							
Fax: Same	Same							
Email address:								
Short Description of Alteration (max s Wand to require	90 characters): Lischarge my effluent with the Ements 08 my new colony licence NO. 1542 R							
Alteration fee attached: Yes:.	No:							
Date:	Signature: Pland, 2							
Oct 12 2018	Printed name: Phillip Tscheller							
A complete Notice of Alteration (No. consists of the following component Cover letter Notice of Alteration Form 2 hard copies and 1 electroni the NoA detailed report (see " Bulletin - Alteration to Develop with Environment Act Licences	A) Submit the complete NoA to: ts: Director Environmental Approvals Branch Manitoba Sustainable Development 1007 Century Street Winnipeg, Manitoba R3H 0W4 Formore Information:							
\$500 Application fee, if appl payable to the Minister of Fin	licable (Cheque, Fax: (204) 945-5229							
Note: Per Section 14(3) of the En submission of an Environment A Proposal Report Guidelines")	vironment Act, Major Notices of Alteration must be filed through Act Proposal Form (see "Information Bulletin – Environment Act							

Hello director

Dew to our new lagoon extention being delayed Imasking you for appoint on discharging my lagoon on the new licence NO, 1542 R.

Ive submitted my tests to nino and its all positive.

Hopefully by next Sall (2019) my extension will be complete.

All the Bost Phillip Tsche He



Blue Clay Colony Farms ATTN: PHILLIP TSCHETTER Box 23 Arnaud MB ROA 0B0

Date Received:20-SEP-18Report Date:28-SEP-18 10:54 (MT)Version:FINAL

Client Phone: 204-746-5097

Certificate of Analysis

Lab Work Order #: L2167604

Project P.O. #: Job Reference: C of C Numbers: Legal Site Desc: NOT SUBMITTED DE SALABERRY

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Hua Wo Chemistry Laboratory Manager [This report shall not be reproduced except in full without the written authority of the Laboratory.]

ADDRESS: 1329 Niakwa Road East, Unit 12, Winnipeg, MB R2J 3T4 Canada | Phone: +1 204 255 9720 | Fax: +1 204 255 9721 ALS CANADA LTD Part of the ALS Group An ALS Limited Company

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ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
2167604-1 BLUE CLAY COLONY DOMESTIC LAGOO	N						
Sampled By: CLIENT on 20-SEP-18 @ 08:20							
Matrix:							
Miscellaneous Parameters							
BOD Carbonaceous	12.3	BODQ	2.0	mg/L		20-SEP-18	R4242754
Fecal Coliforms	<1		1	MPN/100mL		20-SEP-18	R4229897
Phosphorus (P)-Totai	1.62		0.0020	mg/L		27-SEP-18	R4246808
Total Suspended Solids	<2.0		2.0	mg/L		27-SEP-18	R4250248
Un-ionized Ammonia at 15C WSER	2.0			J			
Ammonia by colour							
Ammonia, Total (as N)	3.42		0.10	mg/L		21-SEP-18	R4233702
Un-ionized Ammonia at 15C, WSER		_ () () =					
Ammonia, Un-ionized (as N), 15C, WSER	0.249		0.0073	mg/L		26-SEP-18	
pH in Water (at 15C)							
pH at 15C, WSER	8.46		0.10	pH		26-SEP-18	R4242409
				n de la Zac			
						j .	
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			×				
			*				

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Sample Parameter Qualifier Key:

Qualifier	Description		
BODQ	BOD Qualification: L time expiry.	ab Control Sample outside standard 85-11	5% objective (see QC report). Sample(s) cannot be rerun due to hold
est Method I	References:		
ALS Test Code	e Matrix	Test Description	Method Reference**
BOD-CBOD-W	P Water	Carbonaceous BOD	APHA 5210 B
			nds, and then are incubated in airtight bottles at 20IC for 5 days. uted from the difference between initial and final DO.
EC-SCREEN-V	VP Water	Conductivity Screen (Internal Use Only)	APHA 2510
Qualitative ana	lysis of conductivity whe	ere required during preparation of other tes	t eg. IC, TDS, TSS, etc
FC-QT97-WP	Water	Fecal Coliform by MPN QT97	APHA 9223B QT97
mixture of hydr	olyzable substrates and	then sealed in a 97-well packet. The pack	"Enzyme Substrate Coliform Test". The sample is mixed with a et is incubated at 44.5 – 0.21C for 18 hours and then the number of positive responses to a probability table.
NH3-COL-WP	Water	Ammonia by colour	APHA 4500 NH3 F
	ter samples forms indo nd measured colourmet		phenol. The intensity is amplified by the addition of sodium
NH3-UNION-15	5-CALC-WP Water	Un-ionized Ammonia at 15C, WSER	WSER 29June2012
	monia at 15C is calculat d is expressed in units o		d for pH at 15C, as per the federal Wastewater Systems Effluent
P-T-L-COL-WP	Water	Phosphorus, Total	APHA 4500 P PHOSPHORUS-L
	carried out using proce te digestion of the samp		P "Phosphorus". Total Phosphorous is determined colourimetrically
PH-15C-MAN-V	VP Water	pH in Water (at 15C)	APHA 4500-H+ B (2000)
Un-Ionized Am	etermined by the electro monia for the federal W at 15C is intended to re	astewater Systems Effluent Regulation. A	mples and pH buffer solutions to 15 +/- 1 C, and is used to calculate 5 day recommended hold time is based on the trout acute lethality
SOLIDS-TOTS	US-WP Water	Total Suspended Solids	APHA 2540 D (modified)
Total suspende	d solids in aquesous m	atrices is determined gravimetrically after o	drying the residue at 103 □ 105 ℃.
ALS test meth	ods may incorporate m	odifications from specified reference metho	ods to improve performance.
The last two let	ters of the above test co	ode(s) indicate the laboratory that performe	ed analytical analysis for that test. Refer to the list below:
Laboratory De	finition Code Labo	pratory Location	
WP	ALS	ENVIRONMENTAL - WINNIPEG, MANITO	BA, CANADA
Chain of Custo	ody Numbers:		

GLOSSARY OF REPORT TERMS

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.

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

mg/L - unit of concentration based on volume, parts per million.

< - Less than.

D.L. - The reporting limit.

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.



Quality Control Report

		Workorder:	L216/604	1 R	eport Date: 28-	SEP-18	Ра	ge 1 of
Bo	ue Clay Colony Farms x 23 naud MB R0A 0B0 IILLIP TSCHETTER							
Contact: PH	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
BOD-CBOD-WP	Water							
	42754							
	DUP	L2167604-1						
BOD Carbonaced	bus	12.3	12.3		mg/L	0.2	20	20-SEP-18
	LCS		> 320	RRQC	mg/L			20-SEP-18
BOD Carbonaced			- 520	RRQU	mg/L			20-326-10
WG2881544-6 BOD Carbonaced	MB		<2.0		mg/L		2	20-SEP-18
					Ŭ			
FC-QT97-WP	Water							
CONTRACT IN CONTRACT.	29897							
WG2882041-1 Fecal Coliforms	МВ		<1		MPN/100mL		1	20-SEP-18
NH3-COL-WP	Water							
Batch R42	33702							
WG2884115-18								
Ammonia, Total ((as N)		103.0		%		85-115	21-SEP-18
WG2884115-17								
Ammonia, Total	(as N)		<0.010		mg/L		0.01	21-SEP-18
P-T-L-COL-WP	Water							
Batch R42	46808							
	LCS		400.0		%		00.400	
Phosphorus (P)-			102.2		70		80-120	27-SEP-18
WG2888330-5 Phosphorus (P)-	MB Total		<0.0010		mg/L		0.001	27-SEP-18
			0.0010					
PH-15C-MAN-WP	Water							
	242409	1.0407004						
WG2887233-2 pH at 15C, WSE	DUP R	L2167604-1 8.46	8.48	J	рН	0.02	0.2	26-SEP-18
	LCS							
pH at 15C, WSE	R		7.38		рН		7.3-7.5	26-SEP-18
SOLIDS-TOTSUS-W	/P Water							
Batch R42	250248							
	LCS							1
Total Suspended	d Solids		95.1		%		85-115	27-SEP-18
WG2888650-1	МВ		.0.0				0	
Total Suspended	d Solids		<2.0		mg/L		2	27-SEP-18

Workorder: L2167604

Report Date: 28-SEP-18

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
J	Duplicate results and limits are expressed in terms of absolute difference.
RRQC	Refer to report remarks for information regarding this QC result.

Quality Control Report

Workorder: L2167604

Report Date: 28-SEP-18

Page 3 of 3

Hold Time Exceedances:

ALS Product Description		Sample ID	Sampling Date	Date Processed	Rec. HT	Actual HT	Units	Qualifier
Physical Tes	sts							
pH in Wat	ter (at 15C)	1	20-SEP-18 08:20	26-SEP-18 11:10	0.25	147	hours	EHTR-FM
_egend & Q	ualifier Definition	ns:						
ehtr-FM: Ehtr: Ehtl: Eht:	Exceeded ALS	recommend recommend recommend	ed hold time prior to sar ed hold time prior to sar ed hold time prior to ana ed hold time prior to ana e (see units).	nple receipt. alysis. Sample was rec				piry.

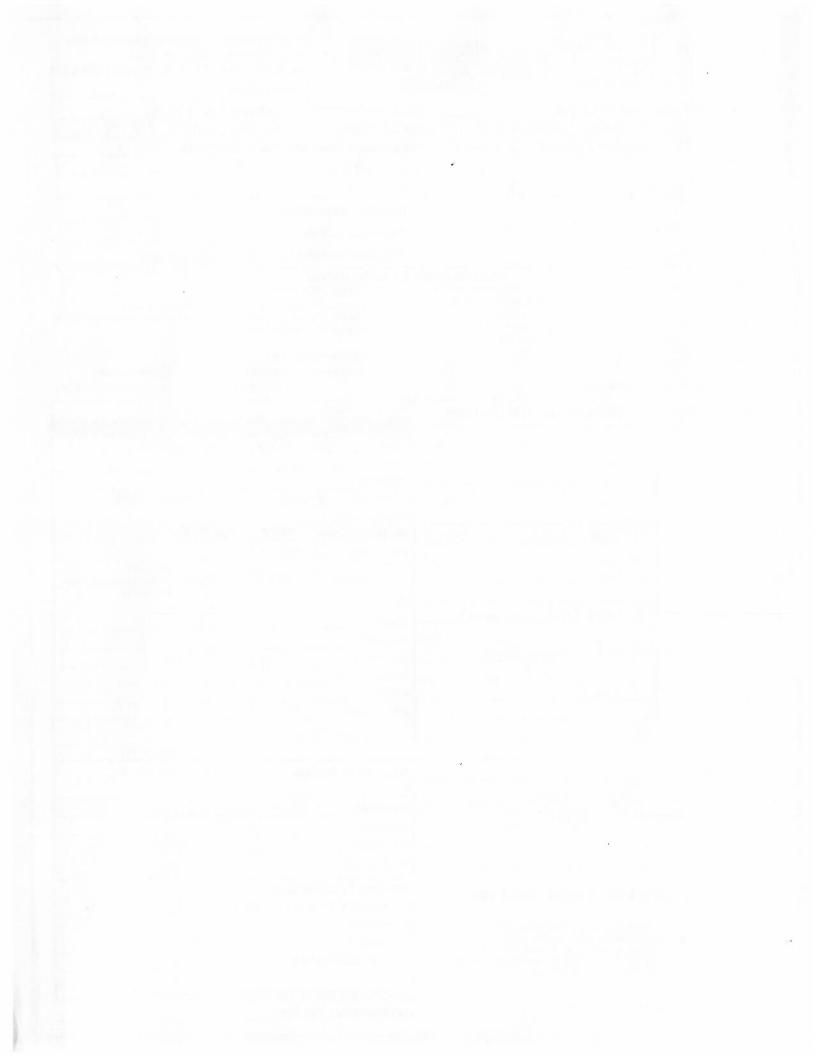
Where actual sampling date is not provided to ALS, the date (& time) of receipt is used for calculation purposes. Where actual sampling time is not provided to ALS, the earlier of 12 noon on the sampling date or the time (& date) of receipt is used for calculation purposes. Samples for L2167604 were received on 20-SEP-18 09:00.

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 predetermined 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.

Winnipe Tel: (20 Fax: (21 Toll Fre	29 Niakwa Rd. E. 29, Manitoba R2J 3T4 4) 255-9720 04) 255-9721 e: 1 800 607 7555 L2167604-CC	
Sample Condition I		LAB NO.: 2167604 DATE RECEIVED: 20-9-16 rrect Sample Container TIME RECEIVED: 9-00
COMMENT:	line in the second s	6.1 BY: MH
Date Sampled:	20 2018 Time: <u>-8</u> : <u>20</u> A.M. 🗹 P.M. 🗌	Date Required:
Location:		Submitter's Name Printed:
(Town, Community, C	(y) '	Sample Submitted By:
Community Code Number:		Rural Municipality/LGC/UVD: de sallaberry
SAMPLE TYPE DRINKING WATER Untreated Well Treated Well Treated Municipal Non-Treated Municipal Water-Surface-Raw Water-Surface-Treated PURPOSE OF TEST Private Real Estar	NON-DRINKING WATER Sewage/Waste Water Lake/River Swimming Pool Whirl Pool Other	T & 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 V REGULAR PRIORITY (50% SURCHARGE) (100% SURCHARGE)
LAB NUMBER	SAMPLE IDENTIFICATION	ALS CUSTOMER #: QUOTE #:
	TSS S-C Unionited ammonia Total phosphorus Chod	REPORT TO BE SENT TO NAME: Bue Clay Glow Some's COMPANY: Box 2.3 ADDRESS: Image: Service Ser
Analyses required		BILLING ADDRESS SAME AS REPORT TO
	Clay Colony	NAME:
Jane	<u>Clay</u> <u>Colony</u> stic lagoon	
		COMPANY:
		CITY/TOWN: / PROV.: / PROV.: / POSTAL CODE:
Manitoba Part of the Al 12 - 1329 Niakwa Phone: +1 204 255 972	RUCTIONS ON REVERSE SIDE Technology Centre Ltd. Laboratory Group Rd. E., Winnipeg, MB Canada R2J 3T4 0 Fax: +1 204 255 9721 www.alsglobal.com obell Brothers Limited Company	PAYMENT PARTICULARS INVOICE NEEDED / CLIENT'S P.O. NO. INTERAC CHEQUE Subtotal VISA / MASTERCARD G.S.T. Total
0.15		• OUR POLICY IS NOT TO ACCEPT SAMPLES FROM THE PRIVATE CITIZEN WITHOUT PREPAYMENT
SUBI	MITTER COPY	ENTERED IN LIMS BY:





Blue Clay Colony Farms ATTN: PHILLIP TSCHETTER Box 23 Arnaud MB ROA 0B0

Date Received: 03-OCT-18 Report Date: 11-OCT-18 13:56 (MT) Version: FINAL

Client Phone: 204-427-2319

Certificate of Analysis

Lab Work Order #: L2175054 Project P.O. #: NOT SUBMITTED Job Reference:

C of C Numbers: Legal Site Desc:

1/h e

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L2175054 CONTD.... PAGE 2 of 3 Version: FINAL

ALS ENVIRONMENTAL ANALYTICAL REPORT

Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
0.787		0.0010	mg/L		10-OCT-18	R4271118
				2.5		
		· · · · ·				
		1				
	0.787	0.787	0.787 0.0010	0.787 0.0010 mg/L	0.787 0.0010 mg/L	0.787 0.0010 mg/L 10-OCT-18

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Test Method References:

P-T-L-COL-WP	Water	Phosphorus, Total	
		Phosphorus, rotai	APHA 4500 P PHOSPHORUS-L
This analysis is carried or after persulphate digestic			4500-P "Phosphorus". Total Phosphorous is determined colourimetrically
* ALS test methods may i	ncorporate m	odifications from specified reference	e methods to improve performance.
The last two letters of the	above test c	ode(s) indicate the laboratory that r	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

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.

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

mg/L - unit of concentration based on volume, parts per million.

< - Less than.

D.L. - The reporting limit.

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Quality Control Report

			Workorder:	L2175054		Report Date:	11-OCT-18	Pa	ige 1 of 2
Client: Contact:	Box 23 Arnaud N	Colony Farms //B R0A 0B0 ISCHETTER							
Test		Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
P-T-L-COL-WI	P	Water							
	R4271118 7-22 LCS Js (P)-Total			99.7		%		80-120	10-OCT-18
WG289892 Phosphoru	2 7-21 MB us (P)-Total			<0.0010		mg/L		0.001	10-OCT-18

Workorder: L2175054

Report Date: 11-OCT-18

Legend:

		ALS Control Limit (Data Quality Objectives)
		Duplicate
ŀ	RPD	Relative Percent Difference
Ν	I∕A	Not Available
L	.CS	Laboratory Control Sample
S	SRM	Standard Reference Material
Ν	/IS	Matrix Spike
Ν	/ISD	Matrix Spike Duplicate
A	DE	Average Desorption Efficiency
Ν	ΛB	Method Blank
	RM	Internal Reference Material
C	CRM	Certified Reference Material
C	CCV	Continuing Calibration Verification
C	CVS	Calibration Verification Standard
L	.CSD	Laboratory Control Sample Duplicate

Hold Time Exceedances:

All test results reported with this submission were conducted within ALS recommended hold times.

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.

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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 FOR LABORATORY U Sample Condition Upon	
	rect Sample Container TIME RECEIVED:
COMMENT:	Leg BY: (D
Date Sampled: Oct- 20/8 Time: 3 : 00 A.M. P.M.	Date Required:
4	Submitter's Name Printed:
Location:	Sample Submitted By:
Community Code Number:	Rural Municipality/LGC/UVD:
	& PRESS FIRMLY
DRINKING WATER NON-OR!NKING WATER Untreated Well Sewage/Waste Water Treated Well Lake/River Treated Municipal Swimming Pool Non-Treated Municipal Whirl Pool Water-Surface-Raw Other Water-Surface-Treated PURPOSE OF TEST Private Real Estate Water Main	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 V REGULAR PRIORITY EMERGENCY (50% SURCHARGE) (100% SURCHARGE)
LAB NUMBER SAMPLE IDENTIFICATION	ALS CUSTOMER #: QUOTE #:
TO BLUE CLAY FARME	REPORT TO BE SENT TO NAME: Phillip Tschetter COMPANY: Bline Clay Famis 98 LTD ADDRESS: BO X 23
Analyses required Blue Clay domestic lagoon	BILLING ADDRESS SAME AS REPORT TO NAME:
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	PAYMENT PARTICULARS INVOICE NEEDED / CLIENT'S P.O. NO. INTERAC CASH CHEQUE G.S.T. VISA / MASTERCARD Total *OUR POLICY IS NOT TO ACCEPT SAMPLES FROM THE PRIVATE CITIZEN WITHOUT PREPAYMENT ENTERED IN LIMS BY: