

Appendix 4.

HS Jansen and Sons 2017 Nutrient Management Plan – Spring 2017 Manure Laboratory Test Results

Lagoon liquid effluent March 2017


REPORT NO. C17001-00002
ACCOUNT NO. 00210

TO: EMERALD BAY AG SERVICES
30 MARVIS EMERALD BAY ROAD
VERNON, BC V1H 3A7
CANADA
ATTN: DOUG MACPARKANE

Jansen Jenson

A&L CANADA LABORATORIES INC.
2130 Ardmore Rd, London, ON, N5V 3P5 Tel: (519) 407-2575 Fax: (519) 407-2064

FOR: H.S. JANSEN AND SONS



*Jansen Jenson
March 2017*

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MANURE ANALYSIS

LAB NUMBER: 816005
SAMPLE ID: 1593 L

DATE RECEIVED: 2017-03-22
DATE REPORTED: 2017-03-29
DATE PRINTED: 2017-03-29

PARAMETER	ANALYSIS RESULT	POUNDS PER 1,000 GAL	ESTIMATED AVAILABILITY PER 1,000 GAL
Dry Matter	0.3 %		
Nitrogen (Total)	0.030 %	3.2	
NH4-N	207 ppm	2.1	
Phosphorus (Total)	0.0002 %		
Phosphate (P as P2O5) **	0.0120 %	1.2	0.5
Potassium (Total)	0.0081 %		
Potash (K as K2O) **	0.0037 %	3.4	3.1
Organic Matter *	0.2 %		
Carbon-Nitrogen Ratio (C:N)	4:1		
Calcium	0.0182 %	1.8	
Magnesium	0.0070 %	0.7	

* All Parameters are reported on an as is basis.
 ** Available nutrients are reported as total available. Only a portion of these nutrients will be available the year of application.
 For information on nitrogen availability, see reverse side of page.
 More information available: http://www.alcanada.com/files/Manure_Analysis.pdf



C17001-00002

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Lagoon liquid effluent May 2017

REPORT NO. C1713-8888
ACCOUNT NO. 10219

A&L CANADA LABORATORIES INC.
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TO: EMERALD BAY AG SERVICES
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VERNON, BC V1H 2A7
CANADA
ATTN: DOUG MACFARLANE

FOR: H.S. JANSEN AND GRACEMAN

Jansen Lagoon May 2017



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MANURE ANALYSIS

LAB NUMBER: 1228001
SAMPLE ID: JANSEN 0

DATE RECEIVED: 2017-05-02
DATE REPORTED: 2017-05-11
DATE PRINTED: 2017-05-11

PARAMETER	ANALYSIS RESULT	POUNDS PER 1,000 GAL	ESTIMATED AVAILABILITY PER 1,000 GAL
Dry Matter	0.8 %		
Nitrogen (Total)	0.082 %	0.2	
NH ₄ -N	842 ppm	8.4	
Phosphorus (Total)	0.0117 %		
Phosphate (P as P ₂ O ₅) **	0.0089 %	2.7	1.1
Potassium (Total)	0.0071 %		
Potash (K as K ₂ O) **	0.1045 %	10.0	8.0
Organic Matter *	0.8 %		
Carbon:Nitrogen Ratio (C:N)	4:1		
Calcium	0.0517 %	0.2	
Magnesium	0.0180 %	1.0	

* All Parameters are reported on an as is basis.
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 C1713-8888

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Manure solids March 2017


REPORT NO. C17081-80002
ACCOUNT NO. 10219

A&L CANADA LABORATORIES INC.
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TO: EMERALD BAY AG SERVICES
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FOR: H.S. JANSEN AND SONS

Jansen Solids March 2017



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MANURE ANALYSIS

LAB NUMBER: 918007
SAMPLE ID: 3 PAD

DATE RECEIVED: 2017-03-22
DATE REPORTED: 2017-03-28
DATE PRINTED: 2017-03-28

PARAMETER	ANALYSIS RESULT	POUNDS PER TON	ESTIMATED AVAILABILITY PER TON
Dry Matter	18 %		
Nitrogen (Total)	0.353 %	7.1	
NH ₄ -N	204 ppm	0.4	
Phosphorus (Total)	0.0714 %		
Phosphate (P as P ₂ O ₅) **	0.1642 %	3.3	1.3
Potassium (Total)	0.0522 %		
Potash (K as K ₂ O) **	0.0826 %	1.3	1.2
Organic Matter *	15.1 %		
Carbon:Nitrogen Ratio (C:N)	24:1		
Calcium	0.1890 %	3.8	
Magnesium	0.0683 %	1.4	

* All Parameters are reported on an as is basis.
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 C17081-80002

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