MVTL

MINNESOTA VALLEY TESTING LABORATORIES, INC.

1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
2616 E. Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724
1201 Lincoln Highway ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
www.mvtl.com

MEMBER ACIL

MANURE ANALYSIS REPORT

CORY DAHL
FEDERAL CORRECTIONAL INST/SANDSTONE
PO BOX 999
SANDSTONE MN 55072-0999

Date Received: Oct 25 2021
Date Reported: Oct 27 2021

Account #: 019229
WO #: 17-7710
Lab #: 21-N10778

SAMPLE INFORMATION
Site Name: FCI SANDSTONE
Sample ID: DEHUDRATOR 2

Site No:

ANALYTE	ANALYSIS AS RECEIVED		TOTAL NUTRIENTS lbs/1000 gal	lbs/Ton
Moisture, Total	5.80	%		
Ammonium-N	0.04	%	3.3	0.8
Nitrogen, Organic	2.92	%	244	58.4
Nitrogen, Total	**2.96**	**%**	**247**	**59.2**
Phosphorus as P2O5	**0.78**	**%**	**65.1**	**15.6**
Potassium as K2O	**1.12**	**%**	**93.5**	**22.4**
Sulfur	2190	ppm	18.3	4.4
Zinc	32.2	ppm	0.3	< 0.1
Iron	57.2	ppm	0.5	0.1
Copper	4.47	ppm	< 0.1	< 0.1
Manganese	16.6	ppm	0.1	< 0.1
Calcium	1690	ppm	14.1	3.4
Magnesium	1010	ppm	8.4	2.0
Sodium	10500	ppm	87.4	20.9

Approved by:

David Smahel, Feed Lab Manager New Ulm, MN

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

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FEDERAL CORRECTIONAL INST/SANDSTONE
PO BOX 999
SANDSTONE MN 55072-0999

Date Received: Oct 25 2021
Date Reported: Oct 27 2021

Account #: 019229
WO #: 17-7710
Lab #: 21-N10777

SAMPLE INFORMATION
Site Name: FCI SANDSTONE
Sample ID: DEHUDRATOR 1

Site No:

ANALYTE	ANALYSIS AS RECEIVED		TOTAL NUTRIENTS lbs/1000 gal	lbs/Ton
Moisture, Total	6.05	%		
Ammonium-N	0.03	%	2.5	0.6
Nitrogen, Organic	2.94	%	245	58.8
Nitrogen, Total	**2.97**	**%**	**248**	**59.4**
Phosphorus as P2O5	**0.82**	**%**	**68.5**	**16.4**
Potassium as K2O	**1.11**	**%**	**92.7**	**22.2**
Sulfur	2190	ppm	18.3	4.4
Zinc	32.8	ppm	0.3	< 0.1
Iron	59.1	ppm	0.5	0.1
Copper	4.21	ppm	< 0.1	< 0.1
Manganese	17.4	ppm	0.1	< 0.1
Calcium	5920	ppm	49.4	11.8
Magnesium	1020	ppm	8.5	2.0
Sodium	10300	ppm	85.8	20.6

Approved by:

David Smahel, Feed Lab Manager New Ulm, MN

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