Report Number
F18169-7010
Account Number
89508

a&lgreatlakes LABORATORIES
Scientists who don't mind getting dirty.™

3505 Conestoga Dr.
Fort Wayne, IN 46808
260.483.4759
algreatlakes.com

To: VEOLIA WATER NORTH AMERICA
PO BOX 53
LYONS, IL 60534-0053

Lab Number: 57550
Purchase Order: 484641

Attn: CLETE KETTER
Sample ID: FPL 061518
Expected Analysis: 4-4-0

FERTILIZER ANALYSIS

Date Received: 6/18/2018
Date Reported: 6/25/2018

Analysis	Result	Unit	Reporting Limit	Method Reference
Total Nitrogen (N)	4.33	%	0.10	AOAC 993.13
Ammoniacal Nitrogen (NH4-N)	0.30	%	0.01	Lachat 12-107-06-1-B
Nitrate Nitrogen (NO3-N)	<0.01	%	0.01	Lachat QCM 12-107-04-1-B
Total Phosphate (P2O5)	4.27	%	0.01	AOAC 965.09/ICP
Available Phosphate (P2O5)	3.95	%	0.01	AOAC 993.31/ICP
Potash (K2O)	0.29	%	0.01	AOAC 965.09/ICP
Aluminum (Al)	1.34	%	0.01	AOAC 965.09/ICP
Boron (B)	<0.01	%	0.01	AOAC 965.09/ICP
Calcium (Ca)	3.67	%	0.01	AOAC 965.09/ICP
Copper (Cu)	0.04	%	0.01	AOAC 965.09/ICP
Iron (Fe)	1.76	%	0.01	AOAC 965.09/ICP
Magnesium (Mg)	1.81	%	0.01	AOAC 965.09/ICP

A&L-FERT

Report Approved By: David Henry - Agronomist / Technical Services - CCA

Approval Date: 6/25/2018

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Analysis	Result	Unit	Reporting Limit	Method Reference
Manganese (Mn)	0.06	%	0.01	AOAC 965.09/ICP
Sodium (Na)	0.09	%	0.01	AOAC 965.09/ICP
Sulfate Sulfur (S)	0.79	%	0.01	AOAC 965.09/ICP
Zinc (Zn)	0.08	%	0.01	AOAC 965.09/ICP
pH	6.58	Std. Unit	0.01	ALGL SOP 7.01
Bulk Density	50.5	lb/cu ft	0.1	TFI (4th) Method IV.C

pH was read on a 1:1 sample:water slurry after 1 hour.
Bulk Density is the average of Apparent (48.6 lb/cu ft) and Tapped (52.3 lb/ cu ft).