

Report Number
F25176-6509
Account Number
25573



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

To: EMMET COUNTY DEPT PUBLIC WORKS
STE G26
200 DIVISION ST
PETOSKEY, MI 49770-2465

Sample ID: EMMET COUNTY COMPOST
Lab Number: 74926

COMPOST ANALYSIS

Date Sampled: 6/23/2025
Date Received: 6/25/2025
Date Reported: 6/30/2025

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Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Moisture @ 70 C	%	41.11		TMECC 03.09-A
Solids	%	58.89		TMECC 03.09-A
Total Nitrogen (N)	%	0.38	0.65	TMECC 04.02-D
Phosphorus (P)	%	0.05	0.09	TMECC 04.03-A
Phosphate (P2O5)	%	0.12	0.21	TMECC 04.03-A
Potassium (K)	%	0.11	0.18	TMECC 04.04-A
Potash (K2O)	%	0.13	0.22	TMECC 04.04-A
Sulfur (S)	%	0.05	0.08	TMECC 04.05-S
Magnesium (Mg)	%	0.42	0.71	TMECC 04.05-MG
Calcium (Ca)	%	1.82	3.09	TMECC 04.05-CA
Sodium (Na)	%	0.01	0.01	TMECC 04.05-NA
Iron (Fe)	%	0.21	0.35	TMECC 04.05-FE
Aluminum (Al)	%	0.16	0.28	TMECC 04.07-AL
Copper (Cu)	mg/kg	10	17	TMECC 04.05-CU
Manganese (Mn)	mg/kg	84	142	TMECC 04.05-MN

TMECC - Test Methods for the Examination of Composting and Compost (TMECC), The U.S. Composting Council.

-COMPOST

Report Approved By:

Approval Date:

6/30/2025

David Henry - Agronomist / Technical Services - CCA

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Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Zinc (Zn)	mg/kg	44	75	TMECC 04.05-ZN
pH	-	7.7		TMECC 04.11-A
Soluble Salts	dS/m	0.56		TMECC 04.10-A
Estimated Ash	%	46.44	78.86	TMECC 03.02-B (modified)
Organic Matter (LOI @ 550 C)	%	12.45	21.14	TMECC 05.07-A
Total Organic Carbon (C)	%	6.22	10.57	TMECC 04.01-A
Carbon:Nitrogen Ratio (C:N)	-	16.3:1	16.3:1	TMECC 05.02-A