

Report Number
F24158-6509
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 JUNE 2024 1000 CYDS SCREENED
Lab Number: 66348

COMPOST ANALYSIS

Date Sampled: 6/4/2024
Date Received: 6/6/2024
Date Reported: 6/12/2024

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Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Moisture @ 70 C	%	40.76		TMECC 03.09-A
Solids	%	59.24		TMECC 03.09-A
Total Nitrogen (N)	%	0.46	0.77	TMECC 04.02-D
Phosphorus (P)	%	0.06	0.10	TMECC 04.03-A
Phosphate (P ₂ O ₅)	%	0.14	0.23	TMECC 04.03-A
Potassium (K)	%	0.12	0.20	TMECC 04.04-A
Potash (K ₂ O)	%	0.14	0.24	TMECC 04.04-A
Sulfur (S)	%	0.05	0.08	TMECC 04.05-S
Magnesium (Mg)	%	0.27	0.45	TMECC 04.05-MG
Calcium (Ca)	%	1.65	2.79	TMECC 04.05-CA
Sodium (Na)	%	0.02	0.04	TMECC 04.05-NA
Iron (Fe)	%	0.19	0.32	TMECC 04.05-FE
Aluminum (Al)	%	0.18	0.31	TMECC 04.07-AL
Copper (Cu)	mg/kg	7	11	TMECC 04.05-CU
Manganese (Mn)	mg/kg	75	127	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: 6/12/2024
David Henry - Agronomist / Technical Services - CCA

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LABORATORIES
Scientists who don't mind getting dirty.™

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Zinc (Zn)	mg/kg	37	62	TMECC 04.05-ZN
pH	-	7.9		TMECC 04.11-A
Soluble Salts	dS/m	0.58		TMECC 04.10-A
Ash @ 550 C	%	45.32	76.50	TMECC 03.02-B
Organic Matter (LOI @ 550 C)	%	13.92	23.50	TMECC 05.07-A
Total Organic Carbon (C)	%	6.96	11.75	TMECC 04.01-A
Carbon:Nitrogen Ratio (C:N)	-	15.3:1	15.3:1	TMECC 05.02-A