

Report Number  
F23061-6511  
Account Number  
49560



3505 Conestoga Dr.  
Fort Wayne, IN 46808  
260.483.4759  
a@greatlakes.com



To: LAKE CO. SOLID WASTE MGMT DIST  
2405 CALUMET AVE  
HAMMOND, IN 46320-1102

Attn: TROY TAYLOR

Sample ID: TROY T  
Lab Number: 52981

Date Sampled: 3/1/2023  
Date Received: 3/2/2023  
Date Reported: 3/17/2023

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### COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Moisture @ 70 C	%	49.31		TMECC 03.09-A
Solids	%	50.69		TMECC 03.09-A
Total Nitrogen (N)	%	0.88	1.73	TMECC 04.02-D
Phosphorus (P)	%	0.09	0.18	TMECC 04.03-A
Phosphate (P <sub>2</sub> O <sub>5</sub> )	%	0.21	0.41	TMECC 04.03-A
Potassium (K)	%	0.17	0.34	TMECC 04.04-A
Potash (K <sub>2</sub> O)	%	0.21	0.41	TMECC 04.04-A
Magnesium (Mg)	%	1.01	1.99	TMECC 04.05-MG
Calcium (Ca)	%	3.07	6.06	TMECC 04.05-CA
Arsenic	mg/kg	0.90	1.77	US EPA SW846-6020
Cadmium	mg/kg	0.140	0.277	US EPA SW846-6020
Chromium	mg/kg	8.5	16.7	US EPA SW846-6020
Copper	mg/kg	8.3	16.3	US EPA SW846-6010C
Mercury	mg/kg	0.027	0.054	US EPA SW846-6020
Molybdenum	mg/kg	0.66	1.30	US EPA SW846-6020

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

-COMPOST

Report Approved By:

Approval Date: 3/17/2023

David Henry - Agronomist / Technical Services - CCA

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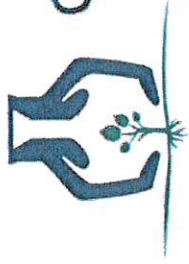
## COMPOST ANALYSIS



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Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Nickel	mg/kg	3.12	6.16	US EPA SW846-6020
Lead	mg/kg	3.99	7.88	US EPA SW846-6020
Selenium	mg/kg	0.74	1.46	US EPA SW846-6020
Zinc	mg/kg	40.9	80.6	US EPA SW846-6010C
503 Metals	pass/fail		PASS	EPA 503 Metal Limits
pH	-	8.0		TMECC 04.11-A
Soluble Salts	dS/m	0.72		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		< 2	SM(20th)-9221E TMECC
Pathogen Reduction - PASS/FAIL	pass/fail		PASS	40 CFR 503 Class A Compost
Organic Matter (LOI @ 550 C)	%	34.23	67.52	TMECC 05.07-A
Germination - Emergence	%	100		TMECC 05.05-A
Germination - Vigor	%	100		TMECC 05.05-A
Ave Ht of Seedlings in Control	centimeters	9.6		TMECC 05.05-A
Ave Ht of Seedlings in Compost	centimeters	12.2		TMECC 05.05-A
Respiration - CO2-C/g TS	mg CO2-C / g TS/Day		0.7	TMECC 05.08-B

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

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Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Respiration - CO <sub>2</sub> -C/g OM	mg CO <sub>2</sub> -C / g OM/Day		0.4	TMECC 05.08-B
Compost Stability Index	-		Very Stable	TMECC 05.08
Passing U.S. 3/8-inch Sieve	%		98.72	TMECC 02.02-B