

Report Number
F23138-6517
Account Number
18215



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



To: RECYCLING & WASTE REDUCTION
RM 314
155 INDIANA AVE
VALPARAISO, IN 46383-5599

For: BOONE GROVE

Attn: STEVE DOLAK

Sample ID: BOONE GROVE
Lab Number: 55593

Date Sampled: 5/27/2023
Date Received: 5/18/2023
Date Reported: 6/16/2023

Page: 1 of 4

COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Moisture @ 70 C	%	64.95		TMECC 03.09-A
Solids	%	35.05		TMECC 03.09-A
Total Nitrogen (N)	%	0.77	2.19	TMECC 04.02-D
Phosphorus (P)	%	0.11	0.31	TMECC 04.03-A
Phosphate (P ₂ O ₅)	%	0.25	0.71	TMECC 04.03-A
Potassium (K)	%	0.19	0.55	TMECC 04.04-A
Potash (K ₂ O)	%	0.23	0.66	TMECC 04.04-A
Magnesium (Mg)	%	0.72	2.04	TMECC 04.05-MG
Calcium (Ca)	%	2.05	5.86	TMECC 04.05-CA
Arsenic	mg/kg	0.57	1.63	US EPA SW846-6020
Cadmium	mg/kg	0.144	0.411	US EPA SW846-6020
Chromium	mg/kg	1.67	4.76	US EPA SW846-6020
Copper	mg/kg	8.5	24.3	US EPA SW846-6010C
Mercury	mg/kg	0.019	0.055	US EPA SW846-6020
Molybdenum	mg/kg	1.43	4.08	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: 6/16/2023

Jamie Bultemeier - Agronomist / Technical Services - CPAg/CCA

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Nickel	mg/kg	1.72	4.90	US EPA SW846-6020
Lead	mg/kg	1.99	5.67	US EPA SW846-6020
Selenium	mg/kg	0.335	0.957	US EPA SW846-6020
Zinc	mg/kg	33.0	94.2	US EPA SW846-6010C
503 Metals PASS/FAIL	pass/fail		PASS	EPA 503 Metal Limits
pH	-	7.5		TMECC 04.11-A
Soluble Salts	dS/m	1.08		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
Ash @ 550 C	%	14.24	40.64	TMECC 03.02-B
Organic Matter (LOI @ 550 C)	%	20.81	59.36	TMECC 05.07-A
Total Organic Carbon (C)	%	10.40	29.68	TMECC 04.01-A
Carbon:Nitrogen Ratio (C:N)	-	13.6:1	13.6:1	TMECC 05.02-A
Inerts - Total	%		0.00	TMECC 02.02-C
Foreign Material	%		0.00	TMECC 03.08-A

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Germination - Emergence	%	0.0		TMECC 05.05-A
Germination - Vigor	%	0.0		TMECC 05.05-A
Ave Ht of Seedlings in Control	centimeters	10.4		TMECC 05.05-A
Ave Ht of Seedlings in Compost	centimeters	0.00		TMECC 05.05-A
Respiration - CO ₂ -C/g TS	mg CO ₂ -C / g TS/Day		0.4	TMECC 05.08-B
Respiration - CO ₂ -C/g OM	mg CO ₂ -C / g OM/Day		0.2	TMECC 05.08-B
Compost Stability Index	-		Very Stable	TMECC 05.08
Passing U.S. 3/8-inch Sieve	%		83.69	TMECC 02.02-B
Retained on U.S. 3-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 2-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 1-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 3/4-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 5/8-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 1/2-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 3/8-inch Sieve	%		16.31	TMECC 02.02-B

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Retained on U.S. 1/4-inch Sieve	%		16.93	TMECC 02.02-B