

Report Number  
F24010-6508  
Account Number  
63512



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

To: ANGELINA-NECHES RIVER AUTHOR.  
2901 N JOHN REDDITT DR  
LUFKIN, TX 75904-1628

For: STOCKPILE 320

COPY: COMPOST COUNCIL



STA

Attn: DALE BAILEY

Date Sampled: 1/9/2024

Date Received: 1/10/2024

Date Reported: 1/26/2024

Page: 1 of 4

Sample ID: STOCKPILE 320

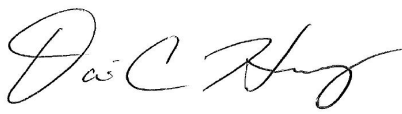
Lab Number: 62639

## COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Moisture @ 70 C	%	54.81		TMECC 03.09-A
Solids	%	45.19		TMECC 03.09-A
Total Nitrogen (N)	%	0.88	1.94	TMECC 04.02-D
Phosphorus (P)	%	0.36	0.80	TMECC 04.03-A
Phosphate (P <sub>2</sub> O <sub>5</sub> )	%	0.83	1.83	TMECC 04.03-A
Potassium (K)	%	0.11	0.24	TMECC 04.04-A
Potash (K <sub>2</sub> O)	%	0.13	0.29	TMECC 04.04-A
Magnesium (Mg)	%	0.08	0.17	TMECC 04.05-MG
Calcium (Ca)	%	0.49	1.08	TMECC 04.05-CA
Arsenic	mg/kg	2.65	5.86	US EPA SW846-6020
Cadmium	mg/kg	0.246	0.545	US EPA SW846-6020
Chromium	mg/kg	11.9	26.4	US EPA SW846-6020
Copper	mg/kg	88	194	US EPA SW846-6010C
Mercury	mg/kg	0.094	0.207	US EPA SW846-6020
Molybdenum	mg/kg	1.85	4.09	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: 1/26/2024  
 David Henry - Agronomist / Technical Services - CCA

Report Number  
F24010-6508  
Account Number  
63512



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

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

To: ANGELINA-NECHES RIVER AUTHOR.  
2901 N JOHN REDDITT DR  
LUFKIN, TX 75904-1628

For: STOCKPILE 320

COPY: COMPOST COUNCIL



STA

Attn: DALE BAILEY

Date Sampled: 1/9/2024

Date Received: 1/10/2024

Date Reported: 1/26/2024

Page: 2 of 4

Sample ID: STOCKPILE 320

Lab Number: 62639

## COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Nickel	mg/kg	4.8	10.7	US EPA SW846-6020
Lead	mg/kg	7.4	16.4	US EPA SW846-6020
Selenium	mg/kg	1.25	2.77	US EPA SW846-6020
Zinc	mg/kg	197	435	US EPA SW846-6010C
503 Metals PASS/FAIL	pass/fail		PASS	EPA 503 Metal Limits
pH	-	4.0		TMECC 04.11-A
Soluble Salts	dS/m	3.45		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		620	SM(20th)-9221E TMECC
Pathogen Reduction - PASS/FAIL	pass/fail		PASS	40 CFR 503 Class A Compost
Ash @ 550 C	%	21.42	47.40	TMECC 03.02-B
Organic Matter (LOI @ 550 C)	%	23.77	52.60	TMECC 05.07-A
Total Organic Carbon (C)	%	11.88	26.30	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

Report Number  
F24010-6508  
Account Number  
63512



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

To: ANGELINA-NECHES RIVER AUTHOR.  
2901 N JOHN REDDITT DR  
LUFKIN, TX 75904-1628

For: STOCKPILE 320

COPY: COMPOST COUNCIL



STA

Attn: DALE BAILEY

Date Sampled: 1/9/2024

Date Received: 1/10/2024

Date Reported: 1/26/2024

Page: 3 of 4

Sample ID: STOCKPILE 320

Lab Number: 62639

## COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Germination - Emergence	%	93		TMECC 05.05-A
Germination - Vigor	%	97		TMECC 05.05-A
Ave Ht of Seedlings in Control	centimeters	9.6		TMECC 05.05-A
Ave Ht of Seedlings in Compost	centimeters	13.1		TMECC 05.05-A
Respiration - CO <sub>2</sub> -C/g TS	mg CO <sub>2</sub> -C / g TS/Day		0.1	TMECC 05.08-B
Respiration - CO <sub>2</sub> -C/g OM	mg CO <sub>2</sub> -C / g OM/Day		0.1	TMECC 05.08-B
Compost Stability Index	-		Very Stable	TMECC 05.08
Passing U.S. 3/8-inch Sieve	%		100.00	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	%		0.00	TMECC 02.02-B

Report Number  
F24010-6508  
Account Number  
63512



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

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

To: ANGELINA-NECHES RIVER AUTHOR.  
2901 N JOHN REDDITT DR  
LUFKIN, TX 75904-1628

For: STOCKPILE 320

COPY: COMPOST COUNCIL



STA

Attn: DALE BAILEY

Date Sampled: 1/9/2024

Sample ID: STOCKPILE 320

Date Received: 1/10/2024

Lab Number: 62639

Date Reported: 1/26/2024

Page: 4 of 4

## COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Retained on U.S. 1/4-inch Sieve	%		4.46	TMECC 02.02-B