

Report Number
F18011-6009
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.
PO BOX 387
LUFKIN, TX 75902-0387

For: STOCKPILE 270
STA

COPY: AL RATTIE

Attn: DALE BAILEY

Sample ID: STOCKPILE 270
Lab Number: 97066

Date Sampled: 1/10/2018

Date Received: 1/11/2018

Date Reported: 1/24/2018

Page: 1 of 3

COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Moisture @ 70 C	%	52.10		TMECC 03.09-A
Solids	%	47.90		TMECC 03.09-A
Total Nitrogen (N)	%	0.76	1.59	TMECC 04.02-D
Phosphorus (P)	%	0.32	0.66	TMECC 04.03-A
Phosphate (P ₂ O ₅)	%	0.73	1.51	TMECC 04.03-A
Potassium (K)	%	0.07	0.14	TMECC 04.04-A
Potash (K ₂ O)	%	0.08	0.17	TMECC 04.04-A
Magnesium (Mg)	%	0.05	0.11	TMECC 04.05-MG
Calcium (Ca)	%	0.42	0.88	TMECC 04.05-CA
Arsenic	mg/kg	1.88	3.92	US EPA SW846-6020 04.06-
Cadmium	mg/kg	0.280	0.585	US EPA SW846-6020 04.06-
Chromium	mg/kg	6.5	13.5	US EPA SW846-6020 04.06-
Copper	mg/kg	119	248	US EPA SW846-6020 04.06-
Mercury	mg/kg	<0.266	< 0.555	US EPA SW846-6020 04.06-
Molybdenum	mg/kg	2.41	5.04	US EPA SW846-6020 04.06-

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

Report Approved By:

Approval Date: 1/24/2018

Don Burgess - Agronomist / Technical Services - CPAg/CPSS/CCA

Report Number
F18011-6009
Account Number
63512



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

To: ANGELINA-NECHES RIVER AUTHOR.
PO BOX 387
LUFKIN, TX 75902-0387

For: STOCKPILE 270
STA

COPY: AL RATTIE

Attn: DALE BAILEY

Sample ID: STOCKPILE 270
Lab Number: 97066

Date Sampled: 1/10/2018
Date Received: 1/11/2018
Date Reported: 1/24/2018

Page: 2 of 3

COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Nickel	mg/kg	3.47	7.24	US EPA SW846-6020 04.06-Ni
Lead	mg/kg	5.7	11.9	US EPA SW846-6020 04.06-
Selenium	mg/kg	1.14	2.39	US EPA SW846-6020 04.06-
Zinc	mg/kg	160	334	US EPA SW846-6020 04.06-
503 Metals PASS/FAIL	pass/fail		PASS	EPA 503 Metal Limits
pH	-	4.5		TMECC 04.11-A
Soluble Salts	dS/m	2.35		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	%	15.62	32.60	TMECC 03.02-B
Organic Matter (LOI @ 550 C)	%	32.28	67.40	TMECC 05.07-A
Total Organic Carbon (C)	%	16.14	33.70	TMECC 04.01-A
Carbon:Nitrogen Ratio (C:N)	-	21.2:1	21.2:1	TMECC 05.02-A
Foreign Material	%		0.00	TMECC 03.08-A
Germination - Emergence	%	67		TMECC 05.05-A

Report Number
F18011-6009
Account Number
63512



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

To: ANGELINA-NECHES RIVER AUTHOR.
PO BOX 387
LUFKIN, TX 75902-0387

For: STOCKPILE 270
STA

COPY: AL RATTIE

Attn: DALE BAILEY

Sample ID: STOCKPILE 270
Lab Number: 97066

Date Sampled: 1/10/2018
Date Received: 1/11/2018
Date Reported: 1/24/2018

Page: 3 of 3

COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Germination - Vigor	%	94		TMECC 05.05-A
Ave Ht of Seedlings in Control	centimeters	6.6		TMECC 05.05-A
Ave Ht of Seedlings in Compost	centimeters	10.2		TMECC 05.05-A
Respiration - CO ₂ -C/g TS	mg CO ₂ -C / g TS/Day		2	TMECC 05.08-B
Respiration - CO ₂ -C/g OM	mg CO ₂ -C / g OM/Day		1	TMECC 05.08-B
Compost Stability Index	-		Very Stable	TMECC 05.08
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. 5/8-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 3/8-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 1/4-inch Sieve	%		1.86	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		3.66	TMECC 02.02-B