

Report Number
F17201-6007
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 264
STA

COPY: AL RATTIE

Attn: DALE BAILEY

Sample ID: STOCKPILE 264
Lab Number: 93047

Date Sampled: 7/19/2017
Date Received: 7/20/2017
Date Reported: 8/8/2017

Page: 1 of 3

COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Moisture @ 70 C	%	34.23		TMECC 03.09-A
Solids	%	65.77		TMECC 03.09-A
Total Nitrogen (N)	%	1.09	1.66	TMECC 04.02-D
Phosphorus (P)	%	0.61	0.93	TMECC 04.03-A
Phosphate (P ₂ O ₅)	%	1.41	2.13	TMECC 04.03-A
Potassium (K)	%	0.20	0.31	TMECC 04.04-A
Potash (K ₂ O)	%	0.24	0.37	TMECC 04.04-A
Magnesium (Mg)	%	0.12	0.18	TMECC 04.05-MG
Calcium (Ca)	%	0.66	1.00	TMECC 04.05-CA
Arsenic	mg/kg	6.28	9.55	US EPA SW846-6020 04.06-
Cadmium	mg/kg	<0.317	< 0.482	US EPA SW846-6020 04.06-
Chromium	mg/kg	13.4	20.4	US EPA SW846-6020 04.06-
Copper	mg/kg	280	426	US EPA SW846-6020 04.06-
Mercury	mg/kg	<0.375	< 0.570	US EPA SW846-6020 04.06-
Molybdenum	mg/kg	1.24	1.88	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: 
Don Burgess - Agronomist / Technical Services - CPAg/CPSS/CCA

Approval Date: 8/08/2017

Report Number
F17201-6007
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 264
STA

COPY: AL RATTIE

Attn: DALE BAILEY

Sample ID: STOCKPILE 264
Lab Number: 93047

Date Sampled: 7/19/2017
Date Received: 7/20/2017
Date Reported: 8/8/2017

Page: 2 of 3

COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Nickel	mg/kg	5.89	8.96	US EPA SW846-6020 04.06-Ni
Lead	mg/kg	8.3	12.6	US EPA SW846-6020 04.06-
Selenium	mg/kg	1.34	2.03	US EPA SW846-6020 04.06-
Zinc	mg/kg	191	290	US EPA SW846-6020 04.06-
503 Metals PASS/FAIL	pass/fail		PASS	EPA 503 Metal Limits
pH	-	7.6		TMECC 04.11-A
Soluble Salts	dS/m	1.80		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)	%	22.22	33.78	TMECC 05.07-A
Total Organic Carbon (C)	%	11.11	16.89	TMECC 04.01-A
Carbon:Nitrogen Ratio (C:N)	-	10.2:1	10.2:1	TMECC 05.02-A
Foreign Material	%		0.00	TMECC 03.08-A
Germination - Emergence	%	100		TMECC 05.05-A
Germination - Vigor	%	86		TMECC 05.05-A

Report Number
F17201-6007
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 264
STA

COPY: AL RATTIE

Attn: DALE BAILEY

Sample ID: STOCKPILE 264
Lab Number: 93047

Date Sampled: 7/19/2017
Date Received: 7/20/2017
Date Reported: 8/8/2017

Page: 3 of 3

COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Ave Ht of Seedlings in Control	centimeters	8.3		TMECC 05.05-A
Ave Ht of Seedlings in Compost	centimeters	10.1		TMECC 05.05-A
Respiration - CO ₂ -C/g TS	mg CO ₂ -C / g TS/Day		1	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	%		2.61	TMECC 02.02-B
Retained on U.S. 1/4-inch Sieve	%		5.32	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		9.15	TMECC 02.02-B