

Report Number  
F16223-6011  
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 258

COPY: AL RATTIE

STA

Attn: DALE BAILEY

Sample ID: STOCKPILE 258  
Lab Number: 86970

Date Sampled: 8/9/2016  
Date Received: 8/10/2016  
Date Reported: 8/30/2016

Page: 1 of 3

## COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Moisture @ 70 C	%	49.75		TMECC 03.09-A
Solids	%	50.25		TMECC 03.09-A
Total Nitrogen (N)	%	1.19	2.36	TMECC 04.02-D
Phosphorus (P)	%	0.51	1.01	TMECC 04.03-A
Phosphate (P <sub>2</sub> O <sub>5</sub> )	%	1.17	2.31	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)	%	0.09	0.18	TMECC 04.05-MG
Calcium (Ca)	%	0.71	1.41	TMECC 04.05-CA
Arsenic	mg/kg	6.9	13.8	SW846-6020 04.06-As
Cadmium	mg/kg	0.355	0.707	SW846-6020 04.06-Cd
Chromium	mg/kg	13.5	26.9	SW846-6020 04.06-Cr
Copper	mg/kg	141	280	SW846-6020 04.06-Cu
Mercury	mg/kg	<0.290	< 0.578	SW846-6020 04.06-Hg
Molybdenum	mg/kg	2.21	4.40	SW846-6020 04.06-Mo

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

Report Approved By:   
Greg Neyman - Vice President / COO

Approval Date: 8/30/2016

Report Number  
F16223-6011  
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 258

COPY: AL RATTIE

STA

Attn: DALE BAILEY

Date Sampled: 8/9/2016

Date Received: 8/10/2016

Date Reported: 8/30/2016

Page: 2 of 3

Sample ID: STOCKPILE 258

Lab Number: 86970

## COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Nickel	mg/kg	6.2	12.4	SW846-6020 04.06-Ni
Lead	mg/kg	60	119	SW846-6020 04.06-Pb
Selenium	mg/kg	1.83	3.64	SW846-6020 04.06-Se
Zinc	mg/kg	184	367	SW846-6020 04.06-Zn
503 Metals PASS/FAIL	pass/fail		PASS	EPA 503 Metal Limits
pH	-	5.5		TMECC 04.11-A
Soluble Salts	dS/m	2.64		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)	%	23.45	46.67	TMECC 05.07-A
Total Organic Carbon (C)	%	13.59	27.04	TMECC 04.01-A
Carbon:Nitrogen Ratio (C:N)	-	11.5:1	11.5:1	TMECC 05.02-A
Foreign Material	%		0.04	TMECC 03.08-A
Germination - Emergence	%	93		TMECC 05.05-A
Germination - Vigor	%	98		TMECC 05.05-A

Report Number  
F16223-6011  
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 258

COPY: AL RATTIE

STA

Attn: DALE BAILEY

Date Sampled: 8/9/2016

Sample ID: STOCKPILE 258

Date Received: 8/10/2016

Lab Number: 86970

Date Reported: 8/30/2016

Page: 3 of 3

## COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Ave Ht of Seedlings in Control	centimeters	7.4		TMECC 05.05-A
Ave Ht of Seedlings in Compost	centimeters	11.0		TMECC 05.05-A
Respiration - CO <sub>2</sub> -C/g TS	mg CO <sub>2</sub> -C / g TS/Day		1	TMECC 05.08-B
Respiration - CO <sub>2</sub> -C/g OM	mg CO <sub>2</sub> -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	%		0.47	TMECC 02.02-B
Retained on U.S. 1/4-inch Sieve	%		6.62	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		11.51	TMECC 02.02-B