

REPORT NO.
F15230-6013
ACCOUNT NUMBER
63512

A & L GREAT LAKES LABORATORIES, INC.

3505 Conestoga Drive • Fort Wayne, IN 46808 • Phone 260-483-4759 • Fax 260-483-5274
www.algreatlakes.com • lab@algreatlakes.com



QUALITY ANALYSES FOR INFORMED DECISIONS

TO: ANGELINA-NECHES RIVER AUTHORITY
PO BOX 387
LUFKIN, TX 75902-0387

FOR: STOCKPILE 247

COPY: AL RATTIE

STA

ATTN: DALE BAILEY

LAB NUMBER: 80293
SAMPLE ID: STOCKPILE 247

COMPOST ANALYSIS REPORT

DATE SAMPLED: 08/17/2015

DATE RECEIVED: 08/18/2015

DATE REPORTED: 08/31/2015 PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	34.16		TMECC 03.09-A
Dry Matter	%	65.84		TMECC 03.09-A
Total Nitrogen (N)	%	1.33	2.02	TMECC 04.02-D
Phosphorus (P)	%	0.74	1.12	TMECC 04.03-A
Phosphate (P205)	%	1.70	2.56	TMECC 04.03-A
Potassium (K)	%	0.32	0.48	TMECC 04.04-A
Potash (K2O)	%	0.38	0.58	TMECC 04.04-A
Magnesium (Mg)	%	0.17	0.26	TMECC 04.05-MG
Calcium (Ca)	%	1.19	1.80	TMECC 04.05-B
Arsenic	mg/kg	10.3	15.7	SW846-6020 04.06-As
Cadmium	mg/kg	0.511	0.776	SW846-6020 04.06-Cd
Chromium	mg/kg	20.5	31.1	SW846-6020 04.06-Cr
Copper	mg/kg	97	148	SW846-6020 04.06-Cu

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

Report Approved By:

Greg Neyman - Vice President / COO

Approval Date: 8/31/2015

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Mercury	mg/kg	<0.381	< 0.579	SW846-6020 04.06-Hg
Molybdenum	mg/kg	2.28	3.46	SW846-6020 04.06-Mo
Nickel	mg/kg	9.8	14.9	SW846-6020 04.06-Ni
Lead	mg/kg	10.2	15.5	SW846-6020 04.06-Pb
Selenium	mg/kg	1.34	2.04	SW846-6020 04.06-Se
Zinc	mg/kg	228	347	SW846-6020 04.06-Zn
503 Metals PASS/FAIL	pass/fail		PASS	EPA 503 Metal Limits
pH	-	6.0		TMECC 04.11-A
Soluble Salts	dS/m	2.18		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
Organic Matter by LOI @ 550C	%	36.42	55.32	TMECC 05.07-A
Total Organic Carbon (C)	%	18.21	27.66	TMECC 04.01-A

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Carbon:Nitrogen Ratio (C:N)	-	13.7:1	13.7:1	TMECC 05.02-A
Foreign Material	%		0.00	TMECC 03.08-A
Germination - Emergence	%	100		TMECC 05.05-A
Germination - Vigor	%	100		TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	3.8		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	4.3		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	%		0.93	TMECC 02.02-B

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Retained on U.S. 1/4-inch Sieve	%		8.28	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		14.43	TMECC 02.02-B