

REPORT NO.
F11222-6017
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 AUTHOR.
PO BOX 387
LUFKIN, TX 75902-0387

FOR: STOCKPILE 197

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 55966

SAMPLE ID: NCF STOCKPILE 197

COMPOST ANALYSIS REPORT

DATE SAMPLED: 08/09/2011

DATE RECEIVED: 08/10/2011

DATE REPORTED: 08/25/2011

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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	19.45		TMECC 03.09-A
Dry Matter	%	80.55		TMECC 03.09-A
Total Nitrogen (N)	%	2.19	2.72	TMECC 04.02-D
Phosphorus (P)	%	1.17	1.45	TMECC 04.03-A
Phosphate (P205)	%	2.69	3.33	TMECC 04.03-A
Potassium (K)	%	0.24	0.30	TMECC 04.04-A
Potash (K2O)	%	0.29	0.36	TMECC 04.04-A
Magnesium (Mg)	%	0.16	0.20	TMECC 04.05-MG
Calcium (Ca)	%	1.47	1.82	TMECC 04.05-CA
Arsenic	mg/kg	6.966	8.648	SW846-6020 04.06-As
Cadmium	mg/kg	1.016	1.261	SW846-6020 04.06-Cd
Chromium	mg/kg	16.99	21.09	SW846-6020 04.06-Cr
Copper	mg/kg	276.05	342.71	SW846-6020 04.06-Cu

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

Report Approved By:

Lois K. Parker - President

Approval Date: 8/25/2011

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Mercury	mg/kg		< 0.59	SW846-6020 04.06-Hg
Molybdenum	mg/kg	2.74	3.40	SW846-6020 04.06-Mo
Nickel	mg/kg	12.70	15.76	SW846-6020 04.06-Ni
Lead	mg/kg	26.70	33.15	SW846-6020 04.06-Pb
Selenium	mg/kg	3.83	4.75	SW846-6020 04.06-Se
Zinc	mg/kg	503.3	625.2	SW846-6020 04.06-Zn
pH	-	7.6		TMECC 04.11-A
Soluble Salts	dS/m	2.48		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	40.63	50.44	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	20.31	25.22	Estimated
Carbon:Nitrogen Ratio (C:N)	-	9.3:1	9.3:1	TMECC 05.02-A
Germination - Emergence	%	83		TMECC 05.05-A

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Germination - Vigor	%		0	TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	3.8		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	1.3		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	%		0.43	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		5.19	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		12.60	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		20.44	TMECC 02.02-B