

REPORT NO.
F09071-6007
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 153

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 44692
SAMPLE ID: STOCKPILE 153

COMPOST ANALYSIS REPORT

DATE SAMPLED: 03/11/2009

DATE RECEIVED: 03/12/2009

DATE REPORTED: 03/31/2009

PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	33.09		TMECC 03.09-A
Dry Matter	%	66.91		TMECC 03.09-A
Total Nitrogen (N)	%	1.14	1.71	TMECC 04.02-D
Phosphorus (P)	%	0.47	0.70	TMECC 04.03-A
Phosphate (P205)	%	1.08	1.61	TMECC 04.03-A
Potassium (K)	%	0.10	0.15	TMECC 04.04-A
Potash (K2O)	%	0.12	0.18	TMECC 04.04-A
Magnesium (Mg)	%	0.09	0.14	TMECC 04.05-MG
Calcium (Ca)	%	0.96	1.43	TMECC 04.05-CA
Arsenic	mg/kg	2.642	3.949	SW846-6020 04.06-As
Cadmium	mg/kg	0.45	0.67	SW846-6020 04.06-Cd
Chromium	mg/kg	8.70	13.01	SW846-6020 04.06-Cr
Copper	mg/kg	277.28	414.40	SW846-6020 04.06-Cu
Mercury	mg/kg	0.62	0.93	SW846-6020 04.06-Hg
Molybdenum	mg/kg	6.04	9.03	SW846-6020 04.06-Mo
Nickel	mg/kg	13.91	20.79	SW846-6020 04.06-Ni
Lead	mg/kg	15.36	22.96	SW846-6020 04.06-Pb

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Selenium	mg/kg	2.748	4.107	SW846-6020 04.06-Se
Zinc	mg/kg	536.52	801.86	SW846-6020 04.06-Zn
pH	-	5.0		TMECC 04.11-A
Soluble Salts	dS/m	2.33		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	26.90	40.20	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	13.45	20.10	Estimated
Carbon:Nitrogen Ratio (C:N)	-	11.8:1	11.8:1	TMECC 05.02-A
Germination - Emergence	%	75		TMECC 05.05-A
Germination - Vigor	%		0	TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	3.3		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	1.7		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

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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Retained on U.S. 5/8-inch	%		17.74	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		15.75	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		5.23	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		8.02	TMECC 02.02-B