

REPORT NO.
F08003-6001
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 140

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 39562
SAMPLE ID: STOCKPILE 140

COMPOST ANALYSIS REPORT

DATE SAMPLED: 01/02/2008

DATE RECEIVED: 01/03/2008

DATE REPORTED: 01/18/2008

PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	47.94		TMECC 03.09-A
Dry Matter	%	52.06		TMECC 03.09-A
Total Nitrogen (N)	%	1.21	2.32	TMECC 04.02-D
Phosphorus (P)	%	0.60	1.15	TMECC 04.03-A
Phosphate (P205)	%	1.38	2.64	TMECC 04.03-A
Potassium (K)	%	0.16	0.30	TMECC 04.04-A
Potash (K2O)	%	0.19	0.36	TMECC 04.04-A
Magnesium (Mg)	%	0.12	0.23	TMECC 04.05-MG
Calcium (Ca)	%	0.75	1.45	TMECC 04.05-CA
Arsenic	mg/kg	8.021	15.407	SW846-6020 04.06-As
Cadmium	mg/kg	0.80	1.53	SW846-6020 04.06-Cd
Chromium	mg/kg	12.40	23.82	SW846-6020 04.06-Cr
Copper	mg/kg	125.40	240.88	SW846-6020 04.06-Cu
Mercury	mg/kg	0.40	0.77	SW846-6020 04.06-Hg
Molybdenum	mg/kg	9.73	18.69	SW846-6020 04.06-Mo
Nickel	mg/kg	9.04	17.37	SW846-6020 04.06-Ni
Lead	mg/kg	17.76	34.12	SW846-6020 04.06-Pb

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Selenium	mg/kg	2.327	4.469	SW846-6020 04.06-Se
Zinc	mg/kg	318.74	612.25	SW846-6020 04.06-Zn
pH	-	4.8		TMECC 04.11-A
Soluble Salts	dS/m	3.48		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	30.33	58.26	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	15.17	29.13	Estimated
Carbon:Nitrogen Ratio (C:N)	-	12.6:1	12.6:1	TMECC 05.02-A
Germination - Emergence	%	99		TMECC 05.05-A
Germination - Vigor	%	88		TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	3.3		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	3.1		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

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Retained on U.S. 5/8-inch	%		0.00	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		0.85	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		4.86	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		10.37	TMECC 02.02-B