

REPORT NO.
F07262-6010
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



REPORT PRINTED 12/3/2007

QUALITY ANALYSES FOR INFORMED DECISIONS

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

FOR: STOCKPILE 135

COPY: AL RATTIE

STA

ATTN: JON CHEATHAM

LAB NUMBER: 37500
SAMPLE ID: STOCKPILE 135

COMPOST ANALYSIS REPORT

DATE SAMPLED: 09/18/2007

DATE RECEIVED: 09/19/2007

DATE REPORTED: 10/05/2007

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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	53.15		TMECC 03.09-A
Dry Matter	%	46.85		TMECC 03.09-A
Total Nitrogen (N)	%	1.32	2.81	TMECC 04.02-D
Phosphorus (P)	%	0.56	1.20	TMECC 04.03-A
Phosphate (P205)	%	1.29	2.76	TMECC 04.03-A
Potassium (K)	%	0.12	0.26	TMECC 04.04-A
Potash (K2O)	%	0.15	0.31	TMECC 04.04-A
Magnesium (Mg)	%	0.09	0.19	TMECC 04.05-MG
Calcium (Ca)	%	0.67	1.43	TMECC 04.05-CA
Arsenic	mg/kg	3.095	6.607	SW846-6020 04.06-As
Cadmium	mg/kg	0.67	1.43	SW846-6020 04.06-Cd
Chromium	mg/kg	9.35	19.95	SW846-6020 04.06-Cr
Copper	mg/kg	103.48	220.88	SW846-6020 04.06-Cu
Mercury	mg/kg	0.29	0.62	SW846-6020 04.06-Hg
Molybdenum	mg/kg	8.78	18.73	SW846-6020 04.06-Mo
Nickel	mg/kg	6.38	13.62	SW846-6020 04.06-Ni
Lead	mg/kg	12.38	26.43	SW846-6020 04.06-Pb

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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Selenium	mg/kg	1.846	3.940	SW846-6020 04.06-Se
Zinc	mg/kg	218.12	465.58	SW846-6020 04.06-Zn
pH	-	6.0		TMECC 04.11-A
Soluble Salts	dS/m	5.31		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	30.28	64.64	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	15.14	32.32	Estimated
Carbon:Nitrogen Ratio (C:N)	-	11.5:1	11.5:1	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	4.4		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	4.2		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	%		0.90	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		9.37	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		17.17	TMECC 02.02-B