

REPORT NO.
F08184-6005
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 148

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 41431
SAMPLE ID: STOCKPILE 148

COMPOST ANALYSIS REPORT

DATE SAMPLED: 07/01/2008

DATE RECEIVED: 07/02/2008

DATE REPORTED: 07/25/2008

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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	50.62		TMECC 03.09-A
Dry Matter	%	49.38		TMECC 03.09-A
Total Nitrogen (N)	%	1.07	2.17	TMECC 04.02-D
Phosphorus (P)	%	0.28	0.56	TMECC 04.03-A
Phosphate (P205)	%	0.64	1.29	TMECC 04.03-A
Potassium (K)	%	0.12	0.25	TMECC 04.04-A
Potash (K2O)	%	0.15	0.30	TMECC 04.04-A
Magnesium (Mg)	%	0.08	0.17	TMECC 04.05-MG
Calcium (Ca)	%	0.68	1.37	TMECC 04.05-CA
Arsenic	mg/kg	3.157	6.393	SW846-6020 04.06-As
Cadmium	mg/kg	0.37	0.75	SW846-6020 04.06-Cd
Chromium	mg/kg	8.08	16.36	SW846-6020 04.06-Cr
Copper	mg/kg	64.35	130.32	SW846-6020 04.06-Cu
Mercury	mg/kg	0.23	0.47	SW846-6020 04.06-Hg
Molybdenum	mg/kg	5.31	10.75	SW846-6020 04.06-Mo
Nickel	mg/kg	5.15	10.42	SW846-6020 04.06-Ni
Lead	mg/kg	18.80	38.08	SW846-6020 04.06-Pb

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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Selenium	mg/kg	1.130	2.288	SW846-6020 04.06-Se
Zinc	mg/kg	237.74	481.46	SW846-6020 04.06-Zn
pH	-	5.9		TMECC 04.11-A
Soluble Salts	dS/m	2.99		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	29.37	59.47	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	14.69	29.74	Estimated
Carbon:Nitrogen Ratio (C:N)	-	13.7:1	13.7:1	TMECC 05.02-A
Germination - Emergence	%	100		TMECC 05.05-A
Germination - Vigor	%	100		TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	3.0		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	4.0		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	%		0.00	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		5.98	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		12.83	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		19.95	TMECC 02.02-B