

REPORT NO.
F07138-6008
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 131

COPY: AL RATTIE

STA

ATTN: JON CHEATHAM

LAB NUMBER: 35490
SAMPLE ID: STOCKPILE 131

COMPOST ANALYSIS REPORT

DATE SAMPLED: 05/17/2007

DATE RECEIVED: 05/18/2007

DATE REPORTED: 06/11/2007 PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	50.94		TMECC 03.09-A
Dry Matter	%	49.06		TMECC 03.09-A
Total Nitrogen (N)	%	0.96	1.96	TMECC 04.02-D
Phosphorus (P)	%	0.39	0.80	TMECC 04.03-A
Phosphate (P205)	%	0.90	1.84	TMECC 04.03-A
Potassium (K)	%	0.12	0.24	TMECC 04.04-A
Potash (K2O)	%	0.14	0.29	TMECC 04.04-A
Magnesium (Mg)	%	0.09	0.19	TMECC 04.05-MG
Calcium (Ca)	%	0.72	1.47	TMECC 04.05-CA
Arsenic	mg/kg	6.585	13.422	SW846-6020 04.06-As
Cadmium	mg/kg	0.53	1.08	SW846-6020 04.06-Cd
Chromium	mg/kg	13.81	28.14	SW846-6020 04.06-Cr
Copper	mg/kg	79.48	162.01	SW846-6020 04.06-Cu
Mercury	mg/kg	0.61	1.25	SW846-6020 04.06-Hg
Molybdenum	mg/kg	4.44	9.06	SW846-6020 04.06-Mo
Nickel	mg/kg	6.88	14.02	SW846-6020 04.06-Ni
Lead	mg/kg	14.62	29.80	SW846-6020 04.06-Pb

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Selenium	mg/kg	1.317	2.685	SW846-6020 04.06-Se
Zinc	mg/kg	192.22	391.80	SW846-6020 04.06-Zn
pH	-	7.7		TMECC 04.11-A
Soluble Salts	dS/m	1.62		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		10	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	28.61	58.31	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	14.30	29.15	Estimated
Carbon:Nitrogen Ratio (C:N)	-	14.9:1	14.9:1	TMECC 05.02-A
Germination - Emergence	%	97		TMECC 05.05-A
Germination - Vigor	%	60		TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	4.1		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	3.7		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	%		0.00	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		3.20	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		8.18	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		15.34	TMECC 02.02-B