

REPORT NO.
F10195-6013
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

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

COMPOST ANALYSIS REPORT

LAB NUMBER: 50956
SAMPLE ID: STOCKPILE 181

DATE RECEIVED: 07/14/2010
DATE REPORTED: 08/02/2010 PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	32.35		TMECC 03.09-A
Dry Matter	%	67.65		TMECC 03.09-A
Total Nitrogen (N)	%	2.12	3.14	TMECC 04.02-D
Phosphorus (P)	%	0.64	0.94	TMECC 04.03-A
Phosphate (P205)	%	1.46	2.16	TMECC 04.03-A
Potassium (K)	%	0.20	0.30	TMECC 04.04-A
Potash (K2O)	%	0.24	0.36	TMECC 04.04-A
Magnesium (Mg)	%	0.16	0.23	TMECC 04.05-MG
Calcium (Ca)	%	1.19	1.76	TMECC 04.05-CA
Arsenic	mg/kg	3.215	4.752	SW846-6020 04.06-As
Cadmium	mg/kg	0.509	0.752	SW846-6020 04.06-Cd
Chromium	mg/kg	8.952	13.233	SW846-6020 04.06-Cr
Copper	mg/kg	116.484	172.186	SW846-6020 04.06-Cu
Mercury	mg/kg		< 0.001	SW846-6020 04.06-Hg
Molybdenum	mg/kg	4.689	6.932	SW846-6020 04.06-Mo
Nickel	mg/kg	7.251	10.719	SW846-6020 04.06-Ni
Lead	mg/kg	12.662	18.717	SW846-6020 04.06-Pb

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Selenium	mg/kg	1.105	1.633	SW846-6020 04.06-Se
Zinc	mg/kg	235.996	348.849	SW846-6020 04.06-Zn
pH	-	8.0		TMECC 04.11-A
Soluble Salts	dS/m	3.15		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	35.77	52.87	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	17.88	26.43	Estimated
Carbon:Nitrogen Ratio (C:N)	-	8.4:1	8.4:1	TMECC 05.02-A
Germination - Emergence	%	100		TMECC 05.05-A
Germination - Vigor	%	50		TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	3.2		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	2.6		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	%		0.64	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		5.30	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		10.41	TMECC 02.02-B