

REPORT NO.
F10265-6014
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: WINDROW 469-E

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 52092
SAMPLE ID: WINDROW 469-E

COMPOST ANALYSIS REPORT

DATE SAMPLED: 09/21/2010

DATE RECEIVED: 09/22/2010

DATE REPORTED: 10/11/2010 PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	45.67		TMECC 03.09-A
Dry Matter	%	54.33		TMECC 03.09-A
Total Nitrogen (N)	%	1.10	2.02	TMECC 04.02-D
Phosphorus (P)	%	0.30	0.56	TMECC 04.03-A
Phosphate (P205)	%	0.70	1.29	TMECC 04.03-A
Potassium (K)	%	0.06	0.11	TMECC 04.04-A
Potash (K2O)	%	0.07	0.13	TMECC 04.04-A
Magnesium (Mg)	%	0.06	0.11	TMECC 04.05-MG
Calcium (Ca)	%	0.43	0.80	TMECC 04.05-CA
Arsenic	mg/kg	1.107	2.038	SW846-6020 04.06-As
Cadmium	mg/kg	0.296	0.545	SW846-6020 04.06-Cd
Chromium	mg/kg	3.991	7.345	SW846-6020 04.06-Cr
Copper	mg/kg	85.077	156.593	SW846-6020 04.06-Cu
Mercury	mg/kg	0.343	0.632	SW846-6020 04.06-Hg
Molybdenum	mg/kg	4.638	8.536	SW846-6020 04.06-Mo
Nickel	mg/kg	3.659	6.734	SW846-6020 04.06-Ni
Lead	mg/kg	5.864	10.793	SW846-6020 04.06-Pb

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Selenium	mg/kg	0.831	1.530	SW846-6020 04.06-Se
Zinc	mg/kg	138.264	254.489	SW846-6020 04.06-Zn
pH	-	7.6		TMECC 04.11-A
Soluble Salts	dS/m	2.32		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	42.52	78.27	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	21.26	39.14	Estimated
Carbon:Nitrogen Ratio (C:N)	-	19.4:1	19.4:1	TMECC 05.02-A
Germination - Emergence	%	100		TMECC 05.05-A
Germination - Vigor	%	38		TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	3.1		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	2.5		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	%		0.64	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		2.09	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		6.80	TMECC 02.02-B