

REPORT NO.
F05213-6009
ACCOUNT NUMBER
63512

A & L GREAT LAKES LABORATORIES, INC.

3505 Conestoga Drive • Fort Wayne, Indiana 46808-4413 • Phone 260-483-4759 • Fax 260-483-5274
www.algreatlakes.com • lab@algreatlakes.com



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

FOR: BIO-SOLID COMPOST

COPY: AL RATTIE

STA

ATTN: JON CHEATHAM

LAB NUMBER: 27890
SAMPLE ID: STOCK PILE #101

COMPOST ANALYSIS REPORT

DATE SAMPLED: 07/26/2005

DATE RECEIVED: 08/01/2005

DATE REPORTED: 08/19/2005 PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	39.25		TMECC 03.09-A
Dry Matter	%	60.75		TMECC 03.09-A
Total Nitrogen (N)	%	0.89	1.47	TMECC 04.02-D
Phosphorus (P)	%	0.67	1.10	TMECC 04.03-A
Phosphate (P205)	%	1.54	2.53	TMECC 04.03-A
Potassium (K)	%	0.17	0.28	TMECC 04.04-A
Potash (K2O)	%	0.20	0.34	TMECC 04.04-A
Magnesium (Mg)	%	0.12	0.19	TMECC 04.05-MG
Calcium (Ca)	%	1.22	2.00	TMECC 04.05-CA
Arsenic	mg/kg	7.445	12.255	SW846-6020 04.06-As
Cadmium	mg/kg	0.72	1.19	SW846-6020 04.06-Cd
Chromium	mg/kg	36.60	60.24	SW846-6020 04.06-Cr
Copper	mg/kg	81.68	134.45	SW846-6020 04.06-Cu
Mercury	mg/kg	0.59	0.97	SW846-6020 04.06-Hg
Molybdenum	mg/kg	4.67	7.68	SW846-6020 04.06-Mo
Nickel	mg/kg	15.73	25.89	SW846-6020 04.06-Ni
Lead	mg/kg	35.98	59.22	SW846-6020 04.06-Pb

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Selenium	mg/kg	1.030	1.695	SW846-6020 04.06-Se
Zinc	mg/kg	261.15	429.88	SW846-6020 04.06-Zn
pH	-	5.1		TMECC 04.11-A
Soluble Salts	dS/m	3.00		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	30.84	50.76	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	15.42	25.38	Estimated
Carbon:Nitrogen Ratio (C:N)	-	17.3:1	17.3:1	TMECC 05.02-A
Germination - Emergence	%	100		TMECC 05.05-B
Germination - Vigor	%	0		TMECC 05.05-B
Ave Ht of Seedlings in Control	inches	2.9		TMECC 05.05-B
Ave Ht of Seedlings in Compost	inches	1.7		TMECC 05.05-B
Respiration - CO ₂ -C/g TS	mg CO ₂ -C / g TS/Day		3	TMECC 05.08-B
Respiration - CO ₂ -C/g OM	mg CO ₂ -C / g OM/Day		2	TMECC 05.08-B
Compost Stability Index	-		Stable	TMECC 05.08
Retained on U.S. 2-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 1-inch Sieve	%		4.50	TMECC 02.02-B

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Retained on U.S. 5/8-inch	%		1.38	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		9.99	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		9.56	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		9.64	TMECC 02.02-B