

REPORT NO.  
F06074-6007  
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

COPY: AL RATTIE

STA

ATTN: JON CHEATHAM

LAB NUMBER: 30663  
SAMPLE ID: STOCKPILE #110

## COMPOST ANALYSIS REPORT

DATE SAMPLED: 03/14/2006

DATE RECEIVED: 03/15/2006

DATE REPORTED: 04/04/2006

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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	24.70		TMECC 03.09-A
Dry Matter	%	75.30		TMECC 03.09-A
Total Nitrogen (N)	%	0.74	0.98	TMECC 04.02-D
Phosphorus (P)	%	0.61	0.81	TMECC 04.03-A
Phosphate (P205)	%	1.40	1.86	TMECC 04.03-A
Potassium (K)	%	0.13	0.17	TMECC 04.04-A
Potash (K2O)	%	0.15	0.20	TMECC 04.04-A
Magnesium (Mg)	%	0.09	0.12	TMECC 04.05-MG
Calcium (Ca)	%	0.53	0.70	TMECC 04.05-CA
Arsenic	mg/kg	4.494	5.968	SW846-6020 04.06-As
Cadmium	mg/kg	0.87	1.16	SW846-6020 04.06-Cd
Chromium	mg/kg	29.05	38.58	SW846-6020 04.06-Cr
Copper	mg/kg	105.60	140.24	SW846-6020 04.06-Cu
Mercury	mg/kg	0.60	0.80	SW846-6020 04.06-Hg
Molybdenum	mg/kg	2.91	3.86	SW846-6020 04.06-Mo
Nickel	mg/kg	7.82	10.38	SW846-6020 04.06-Ni
Lead	mg/kg	19.13	25.40	SW846-6020 04.06-Pb

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Selenium	mg/kg	<0.001	<0.001	SW846-6020 04.06-Se
Zinc	mg/kg	232.04	308.16	SW846-6020 04.06-Zn
pH	-	6.4		TMECC 04.11-A
Soluble Salts	dS/m	1.24		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	25.41	33.75	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	12.71	16.88	Estimated
Carbon:Nitrogen Ratio (C:N)	-	17.2:1	17.2:1	TMECC 05.02-A
Germination - Emergence	%	100		TMECC 05.05-B
Germination - Vigor	%	67		TMECC 05.05-B
Ave Ht of Seedlings in Control	inches	4.2		TMECC 05.05-B
Ave Ht of Seedlings in Compost	inches	3.8		TMECC 05.05-B
Respiration - CO <sub>2</sub> -C/g TS	mg CO <sub>2</sub> -C / g TS/Day		1	TMECC 05.08-B
Respiration - CO <sub>2</sub> -C/g OM	mg CO <sub>2</sub> -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	%		0.31	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		3.05	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		6.12	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		9.14	TMECC 02.02-B