

REPORT NO.  
F07101-6006  
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: WINDROW 243-F

COPY: AL RATTIE

STA

ATTN: JON CHEATHAM

LAB NUMBER: 34900  
SAMPLE ID: WINDROW 243-F

## COMPOST ANALYSIS REPORT

DATE SAMPLED: 04/10/2007

DATE RECEIVED: 04/11/2007

DATE REPORTED: 04/27/2007

PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	46.37		TMECC 03.09-A
Dry Matter	%	53.63		TMECC 03.09-A
Total Nitrogen (N)	%	1.23	2.29	TMECC 04.02-D
Phosphorus (P)	%	0.28	0.52	TMECC 04.03-A
Phosphate (P205)	%	0.64	1.20	TMECC 04.03-A
Potassium (K)	%	0.17	0.31	TMECC 04.04-A
Potash (K2O)	%	0.20	0.37	TMECC 04.04-A
Magnesium (Mg)	%	0.09	0.17	TMECC 04.05-MG
Calcium (Ca)	%	0.96	1.79	TMECC 04.05-CA
Arsenic	mg/kg	5.005	9.333	SW846-6020 04.06-As
Cadmium	mg/kg	0.45	0.84	SW846-6020 04.06-Cd
Chromium	mg/kg	12.14	22.64	SW846-6020 04.06-Cr
Copper	mg/kg	50.89	94.89	SW846-6020 04.06-Cu
Mercury	mg/kg	0.16	0.29	SW846-6020 04.06-Hg
Molybdenum	mg/kg	9.88	18.43	SW846-6020 04.06-Mo
Nickel	mg/kg	6.62	12.35	SW846-6020 04.06-Ni
Lead	mg/kg	14.67	27.36	SW846-6020 04.06-Pb

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Selenium	mg/kg	0.716	1.336	SW846-6020 04.06-Se
Zinc	mg/kg	125.11	233.29	SW846-6020 04.06-Zn
pH	-	6.1		TMECC 04.11-A
Soluble Salts	dS/m	2.26		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	30.68	57.21	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	15.34	28.60	Estimated
Carbon:Nitrogen Ratio (C:N)	-	12.5:1	12.5:1	TMECC 05.02-A
Germination - Emergence	%	94		TMECC 05.05-A
Germination - Vigor	%	89		TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	3.8		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	4.3		TMECC 05.05-A
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	%		7.08	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		18.57	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		13.53	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		11.74	TMECC 02.02-B