

REPORT NO.  
F04323-6010  
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

## COMPOST ANALYSIS REPORT

LAB NUMBER: 25524

SAMPLE ID: NECHES COMPOST FAC. BIO SOLID COMPOST

DATE RECEIVED: 11/18/2004

DATE REPORTED: 12/07/2004 PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	31.90		TMECC 03.09-A
Dry Matter	%	68.10		TMECC 03.09-A
Total Nitrogen (N)	%	1.50	2.20	TMECC 04.02-D
Phosphorus (P)	%	1.52	2.23	TMECC 04.03-A
Phosphate (P205)	%	3.49	5.13	TMECC 04.03-A
Potassium (K)	%	0.18	0.26	TMECC 04.04-A
Potash (K2O)	%	0.21	0.31	TMECC 04.04-A
Magnesium (Mg)	%	0.19	0.28	TMECC 04.05-MG
Calcium (Ca)	%	1.63	2.39	TMECC 04.05-CA
Arsenic	mg/kg	8.192	12.029	SW846-6020 04.06-As
Cadmium	mg/kg	0.93	1.36	SW846-6020 04.06-Cd
Copper	mg/kg	215.27	316.11	SW846-6020 04.06-Cu
Mercury	mg/kg	0.56	0.82	SW846-7471A 04.06-Hg
Molybdenum	mg/kg	4.23	6.21	SW846-6020 04.06-Mo
Nickel	mg/kg	11.07	16.26	SW846-6020 04.06-Ni
Lead	mg/kg	23.69	34.79	SW846-6020 04.06-Pb
Selenium	mg/kg	1.162	1.706	SW846-6020 04.06-Se

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Zinc	mg/kg	432.9	635.6	SW846-6010B 04.06-Zn
pH	-	8.2		TMECC 04.11-A
Soluble Salts	dS/m	1.58		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	30.13	44.24	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	15.06	22.12	Estimated
Carbon:Nitrogen Ratio (C:N)	-	10.1:1	10.1:1	TMECC 05.02-A
Germination - Emergence	%	99		TMECC 05.05-B
Germination - Vigor	%	0		TMECC 05.05-B
Ave Ht of Germination Control	inches	3.4		TMECC 05.05-B
Ave Ht of Seedlings in Compost	inches	2.1		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
Retained on U.S. 5/8-inch	%		0.00	TMECC 02.02-B

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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Retained on U.S. 3/8-inch	%		6.38	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		11.13	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		10.96	TMECC 02.02-B