

REPORT NO.  
F04043-6001  
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

COPY: AL RATTIE

STA

ATTN: JON CHEATHAM

## COMPOST ANALYSIS REPORT

LAB NUMBER: 23333

DATE RECEIVED: 02/12/2004

SAMPLE ID: BIO SOLID COMPOST

DATE REPORTED: 03/05/2004 PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	30.34		TMECC 03.09-A
Dry Matter	%	69.66		TMECC 03.09-A
Total Nitrogen (N)	%	1.26	1.81	TMECC 04.02-D
Phosphorus (P)	%	1.34	1.93	TMECC 04.03-A
Phosphate (P205)	%	3.09	4.44	TMECC 04.03-A
Potassium (K)	%	0.15	0.21	TMECC 04.04-A
Potash (K2O)	%	0.18	0.25	TMECC 04.04-A
Magnesium (Mg)	%	0.15	0.21	TMECC 04.05-MG
Calcium (Ca)	%	1.68	2.41	TMECC 04.05-CA
Arsenic	milligrams/kilogram	3.22	4.62	SW846-7061A 04.06-As
Cadmium	milligrams/kilogram	3.76	5.40	SW846-6010B 04.06-Cd
Copper	milligrams/kilogram	207.5	297.7	SW846-6010B 04.06-Cu
Mercury	milligrams/kilogram	0.88	1.27	SW846-7471A 04.06-Hg
Molybdenum	milligrams/kilogram	3.48	5.00	SW846-6010B
Nickel	milligrams/kilogram	20.81	29.87	SW846-6010B 04.06-Ni
Lead	milligrams/kilogram	42.2	60.5	SW846-6010B 04.06-Pb
Selenium	milligrams/kilogram	2.57	3.69	SW846-7741A 04.06-Se

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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Zinc	milligrams/kilogram	531.2	762.1	SW846-6010B 04.06-Zn
pH	-	8.2		TMECC 04.11-A
Soluble Salt	dS/m	1.57		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		10	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	26.53	38.09	TMECC 05.07-A
Germination - Emergence	%	100		TMECC 05.05-B
Germination - Vigor	%	0		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
Retained on U.S. 3/8-inch	%		1.69	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		3.71	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		5.26	TMECC 02.02-B