

REPORT NO.
F06009-6004
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: 30069

SAMPLE ID: BIOSOLID COMPOST STOCKPILE 113

DATE RECEIVED: 01/09/2006

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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	27.09		TMECC 03.09-A
Dry Matter	%	72.91		TMECC 03.09-A
Total Nitrogen (N)	%	1.19	1.63	TMECC 04.02-D
Phosphorus (P)	%	0.78	1.07	TMECC 04.03-A
Phosphate (P205)	%	1.79	2.46	TMECC 04.03-A
Potassium (K)	%	0.14	0.19	TMECC 04.04-A
Potash (K2O)	%	0.17	0.23	TMECC 04.04-A
Magnesium (Mg)	%	0.09	0.13	TMECC 04.05-MG
Calcium (Ca)	%	0.88	1.21	TMECC 04.05-CA
Arsenic	mg/kg	3.225	4.423	SW846-6020 04.06-As
Cadmium	mg/kg	0.88	1.21	SW846-6020 04.06-Cd
Chromium	mg/kg	35.40	48.55	SW846-6020 04.06-Cr
Copper	mg/kg	192.47	263.98	SW846-6020 04.06-Cu
Mercury	mg/kg	0.52	0.71	SW846-6020 04.06-Hg
Molybdenum	mg/kg	3.16	4.33	SW846-6020 04.06-Mo
Nickel	mg/kg	18.43	25.28	SW846-6020 04.06-Ni
Lead	mg/kg	22.19	30.44	SW846-6020 04.06-Pb

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Selenium	mg/kg	2.143	2.939	SW846-6020 04.06-Se
Zinc	mg/kg	386.21	529.71	SW846-6020 04.06-Zn
pH	-	6.6		TMECC 04.11-A
Soluble Salts	dS/m	1.63		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		3	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	34.22	46.93	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	17.10	23.46	Estimated
Carbon:Nitrogen Ratio (C:N)	-	14.4:1	14.4:1	TMECC 05.02-A
Germination - Emergence	%	97		TMECC 05.05-B
Germination - Vigor	%	18		TMECC 05.05-B
Ave Ht of Seedlings in Control	inches	4.2		TMECC 05.05-B
Ave Ht of Seedlings in Compost	inches	3.2		TMECC 05.05-B
Respiration - CO ₂ -C/g TS	mg CO ₂ -C / g TS/Day		1	TMECC 05.08-B
Respiration - CO ₂ -C/g OM	mg CO ₂ -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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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Retained on U.S. 5/8-inch	%		1.28	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		1.65	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		3.94	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		8.72	TMECC 02.02-B