

REPORT NO.
F06201-6009
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: BIOSOLID COMPOST
STOCKPILE #117

COPY: E-MAIL AL RATTIE

STA

ATTN: JON CHEATHAM

LAB NUMBER: 31890

SAMPLE ID: BIOSOLID COMPOST STOCKPILE #117

COMPOST ANALYSIS REPORT

DATE SAMPLED: 07/18/2006

DATE RECEIVED: 07/20/2006

DATE REPORTED: 08/10/2006

PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	20.75		TMECC 03.09-A
Dry Matter	%	79.25		TMECC 03.09-A
Total Nitrogen (N)	%	1.78	2.25	TMECC 04.02-D
Phosphorus (P)	%	1.43	1.81	TMECC 04.03-A
Phosphate (P205)	%	3.30	4.16	TMECC 04.03-A
Potassium (K)	%	0.25	0.32	TMECC 04.04-A
Potash (K2O)	%	0.30	0.38	TMECC 04.04-A
Magnesium (Mg)	%	0.28	0.35	TMECC 04.05-MG
Calcium (Ca)	%	1.34	1.69	TMECC 04.05-CA
Arsenic	mg/kg	9.248	11.670	SW846-6020 04.06-As
Cadmium	mg/kg	1.88	2.37	SW846-6020 04.06-Cd
Chromium	mg/kg	19.79	24.97	SW846-6020 04.06-Cr
Copper	mg/kg	213.15	268.96	SW846-6020 04.06-Cu
Mercury	mg/kg	0.62	0.78	SW846-6020 04.06-Hg
Molybdenum	mg/kg	5.87	7.41	SW846-6020 04.06-Mo
Nickel	mg/kg	12.86	16.23	SW846-6020 04.06-Ni
Lead	mg/kg	27.33	34.48	SW846-6020 04.06-Pb

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Selenium	mg/kg	4.480	5.653	SW846-6020 04.06-Se
Zinc	mg/kg	473.13	597.01	SW846-6020 04.06-Zn
pH	-	7.0		TMECC 04.11-A
Soluble Salts	dS/m	3.38		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		20	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	36.85	46.50	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	18.43	23.25	Estimated
Carbon:Nitrogen Ratio (C:N)	-	103.0:1	103.0:1	TMECC 05.02-A
Germination - Emergence	%	100		TMECC 05.05-B
Germination - Vigor	%	0		TMECC 05.05-B
Ave Ht of Seedlings in Control	inches	4.1		TMECC 05.05-B
Ave Ht of Seedlings in Compost	inches	2.1		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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Retained on U.S. 5/8-inch	%		0.00	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		3.03	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		5.37	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		9.78	TMECC 02.02-B