

REPORT NO.
F06255-6017
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: STOCKPILE 197-E

COPY: AL RATTIE

STA

ATTN: JON CHEATHAM

LAB NUMBER: 32982

SAMPLE ID: STOCKPILE 197-E ANRA PACKAGE

COMPOST ANALYSIS REPORT

DATE SAMPLED: 09/06/2006

DATE RECEIVED: 09/12/2006

DATE REPORTED: 10/02/2006

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PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	44.06		TMECC 03.09-A
Dry Matter	%	55.94		TMECC 03.09-A
Total Nitrogen (N)	%	1.25	2.23	TMECC 04.02-D
Phosphorus (P)	%	0.89	1.59	TMECC 04.03-A
Phosphate (P205)	%	2.05	3.66	TMECC 04.03-A
Potassium (K)	%	0.18	0.32	TMECC 04.04-A
Potash (K2O)	%	0.21	0.38	TMECC 04.04-A
Magnesium (Mg)	%	0.21	0.37	TMECC 04.05-MG
Calcium (Ca)	%	0.93	1.66	TMECC 04.05-CA
Arsenic	mg/kg	4.468	7.987	SW846-6020 04.06-As
Cadmium	mg/kg	1.53	2.74	SW846-6020 04.06-Cd
Chromium	mg/kg	23.08	41.25	SW846-6020 04.06-Cr
Copper	mg/kg	143.39	256.32	SW846-6020 04.06-Cu
Mercury	mg/kg	0.61	1.09	SW846-6020 04.06-Hg
Molybdenum	mg/kg	4.03	7.21	SW846-6020 04.06-Mo
Nickel	mg/kg	13.34	23.84	SW846-6020 04.06-Ni
Lead	mg/kg	18.47	33.01	SW846-6020 04.06-Pb

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Selenium	mg/kg	2.732	4.883	SW846-6020 04.06-Se
Zinc	mg/kg	312.43	558.51	SW846-6020 04.06-Zn
pH	-	5.2		TMECC 04.11-A
Soluble Salts	dS/m	6.15		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	43.12	77.08	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	21.56	38.54	Estimated
Carbon:Nitrogen Ratio (C:N)	-	17.3:1	17.3:1	TMECC 05.02-A
Germination - Emergence	%	100		TMECC 05.05-B
Germination - Vigor	%	1		TMECC 05.05-B
Ave Ht of Seedlings in Control	inches	3.9		TMECC 05.05-B
Ave Ht of Seedlings in Compost	inches	2.3		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	%		1.19	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		3.02	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		8.49	TMECC 02.02-B