

REPORT NO.
F11138-6006
ACCOUNT NUMBER
63512

A & L GREAT LAKES LABORATORIES, INC.

3505 Conestoga Drive • Fort Wayne, IN 46808 • Phone 260-483-4759 • Fax 260-483-5274
www.algreatlakes.com • lab@algreatlakes.com



QUALITY ANALYSES FOR INFORMED DECISIONS

TO: ANGELINA-NECHES RIVER AUTHOR.
PO BOX 387
LUFKIN, TX 75902-0387

FOR: STOCKPILE 194

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 54994
SAMPLE ID: STOCKPILE 194

COMPOST ANALYSIS REPORT

DATE SAMPLED: 05/17/2011

DATE RECEIVED: 05/18/2011

DATE REPORTED: 06/03/2011 PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	32.02		TMECC 03.09-A
Dry Matter	%	67.98		TMECC 03.09-A
Total Nitrogen (N)	%	1.52	2.24	TMECC 04.02-D
Phosphorus (P)	%	0.86	1.27	TMECC 04.03-A
Phosphate (P205)	%	1.99	2.92	TMECC 04.03-A
Potassium (K)	%	0.27	0.40	TMECC 04.04-A
Potash (K2O)	%	0.33	0.48	TMECC 04.04-A
Magnesium (Mg)	%	0.13	0.19	TMECC 04.05-MG
Calcium (Ca)	%	1.52	2.23	TMECC 04.05-CA
Arsenic	mg/kg	7.783	11.449	SW846-6020 04.06-As
Cadmium	mg/kg	0.652	0.959	SW846-6020 04.06-Cd
Chromium	mg/kg	14.22	20.92	SW846-6020 04.06-Cr
Copper	mg/kg	179.19	263.60	SW846-6020 04.06-Cu

TMECC - Test Methods for the Examination of Composting and Compost, The U.S. Composting Council.

Report Approved By:

Lois K. Parker - President

Approval Date: 6/03/2011

REPORT NO.
F11138-6006
ACCOUNT NUMBER
63512

A & L GREAT LAKES LABORATORIES, INC.

3505 Conestoga Drive • Fort Wayne, IN 46808 • Phone 260-483-4759 • Fax 260-483-5274
www.algreatlakes.com • lab@algreatlakes.com



QUALITY ANALYSES FOR INFORMED DECISIONS

TO: ANGELINA-NECHES RIVER AUTHOR.
PO BOX 387
LUFKIN, TX 75902-0387

FOR: STOCKPILE 194

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 54994
SAMPLE ID: STOCKPILE 194

COMPOST ANALYSIS REPORT

DATE SAMPLED: 05/17/2011

DATE RECEIVED: 05/18/2011

DATE REPORTED: 06/03/2011 PAGE: 2

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Mercury	mg/kg	0.89	1.32	SW846-6020 04.06-Hg
Molybdenum	mg/kg	2.67	3.92	SW846-6020 04.06-Mo
Nickel	mg/kg	8.36	12.30	SW846-6020 04.06-Ni
Lead	mg/kg	14.53	21.37	SW846-6020 04.06-Pb
Selenium	mg/kg	2.39	3.51	SW846-6020 04.06-Se
Zinc	mg/kg	315.1	463.3	SW846-6020 04.06-Zn
pH	-	6.7		TMECC 04.11-A
Soluble Salts	dS/m	2.74		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	37.97	55.85	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	18.99	27.93	Estimated
Carbon:Nitrogen Ratio (C:N)	-	12.5:1	12.5:1	TMECC 05.02-A
Germination - Emergence	%	100		TMECC 05.05-A

REPORT NO.
F11138-6006
ACCOUNT NUMBER
63512

A & L GREAT LAKES LABORATORIES, INC.

3505 Conestoga Drive • Fort Wayne, IN 46808 • Phone 260-483-4759 • Fax 260-483-5274
www.algreatlakes.com • lab@algreatlakes.com



QUALITY ANALYSES FOR INFORMED DECISIONS

TO: ANGELINA-NECHES RIVER AUTHOR.
PO BOX 387
LUFKIN, TX 75902-0387

FOR: STOCKPILE 194

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 54994
SAMPLE ID: STOCKPILE 194

COMPOST ANALYSIS REPORT

DATE SAMPLED: 05/17/2011

DATE RECEIVED: 05/18/2011

DATE REPORTED: 06/03/2011 PAGE: 3

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Germination - Vigor	%		0	TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	5.1		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	3.3		TMECC 05.05-A
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
Retained on U.S. 5/8-inch	%		0.00	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		2.16	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		8.47	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		16.51	TMECC 02.02-B