

REPORT NO.  
F08073-6001  
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 142

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 40067  
SAMPLE ID: STOCKPILE 142

## COMPOST ANALYSIS REPORT

DATE SAMPLED: 03/12/2008

DATE RECEIVED: 03/13/2008

DATE REPORTED: 03/28/2008

PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	41.25		TMECC 03.09-A
Dry Matter	%	58.75		TMECC 03.09-A
Total Nitrogen (N)	%	0.93	1.58	TMECC 04.02-D
Phosphorus (P)	%	0.35	0.60	TMECC 04.03-A
Phosphate (P205)	%	0.81	1.38	TMECC 04.03-A
Potassium (K)	%	0.16	0.27	TMECC 04.04-A
Potash (K2O)	%	0.19	0.32	TMECC 04.04-A
Magnesium (Mg)	%	0.10	0.17	TMECC 04.05-MG
Calcium (Ca)	%	0.75	1.27	TMECC 04.05-CA
Arsenic	mg/kg	3.411	5.806	SW846-6020 04.06-As
Cadmium	mg/kg	0.42	0.72	SW846-6020 04.06-Cd
Chromium	mg/kg	7.58	12.90	SW846-6020 04.06-Cr
Copper	mg/kg	82.12	139.78	SW846-6020 04.06-Cu
Mercury	mg/kg	<0.01	< 0.01	SW846-6020 04.06-Hg
Molybdenum	mg/kg	7.68	13.08	SW846-6020 04.06-Mo
Nickel	mg/kg	5.52	9.39	SW846-6020 04.06-Ni
Lead	mg/kg	10.11	17.21	SW846-6020 04.06-Pb

REPORT NO.  
F08073-6001  
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 142

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 40067  
SAMPLE ID: STOCKPILE 142

## COMPOST ANALYSIS REPORT

DATE SAMPLED: 03/12/2008

DATE RECEIVED: 03/13/2008

DATE REPORTED: 03/28/2008

PAGE: 2

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Selenium	mg/kg	1.749	2.977	SW846-6020 04.06-Se
Zinc	mg/kg	163.87	278.92	SW846-6020 04.06-Zn
pH	-	5.3		TMECC 04.11-A
Soluble Salts	dS/m	1.92		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	25.47	43.35	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	12.74	21.68	Estimated
Carbon:Nitrogen Ratio (C:N)	-	13.7:1	13.7:1	TMECC 05.02-A
Germination - Emergence	%	100		TMECC 05.05-A
Germination - Vigor	%	96		TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	3.6		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	3.7		TMECC 05.05-A
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

REPORT NO.  
F08073-6001  
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 142

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 40067  
SAMPLE ID: STOCKPILE 142

## COMPOST ANALYSIS REPORT

DATE SAMPLED: 03/12/2008

DATE RECEIVED: 03/13/2008

DATE REPORTED: 03/28/2008 PAGE: 3

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Retained on U.S. 5/8-inch	%		0.95	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		11.13	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		6.26	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		9.57	TMECC 02.02-B