

REPORT NO.  
F08135-6022  
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 146

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 40834  
SAMPLE ID: STOCKPILE 146

## COMPOST ANALYSIS REPORT

DATE RECEIVED: 05/14/2008  
DATE REPORTED: 06/03/2008 PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	50.99		TMECC 03.09-A
Dry Matter	%	49.01		TMECC 03.09-A
Total Nitrogen (N)	%	1.02	2.08	TMECC 04.02-D
Phosphorus (P)	%	0.33	0.67	TMECC 04.03-A
Phosphate (P205)	%	0.76	1.54	TMECC 04.03-A
Potassium (K)	%	0.16	0.32	TMECC 04.04-A
Potash (K2O)	%	0.19	0.38	TMECC 04.04-A
Magnesium (Mg)	%	0.12	0.24	TMECC 04.05-MG
Calcium (Ca)	%	0.59	1.20	TMECC 04.05-CA
Arsenic	mg/kg	6.870	14.017	SW846-6020 04.06-As
Cadmium	mg/kg	0.37	0.75	SW846-6020 04.06-Cd
Chromium	mg/kg	11.82	24.11	SW846-6020 04.06-Cr
Copper	mg/kg	76.31	155.70	SW846-6020 04.06-Cu
Mercury	mg/kg	0.48	0.98	SW846-6020 04.06-Hg
Molybdenum	mg/kg	5.85	11.93	SW846-6020 04.06-Mo
Nickel	mg/kg	7.93	16.19	SW846-6020 04.06-Ni
Lead	mg/kg	12.62	25.75	SW846-6020 04.06-Pb

REPORT NO.  
F08135-6022  
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 146

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 40834  
SAMPLE ID: STOCKPILE 146

## COMPOST ANALYSIS REPORT

DATE RECEIVED: 05/14/2008  
DATE REPORTED: 06/03/2008 PAGE: 2

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Selenium	mg/kg	1.657	3.380	SW846-6020 04.06-Se
Zinc	mg/kg	164.92	336.50	SW846-6020 04.06-Zn
pH	-	5.5		TMECC 04.11-A
Soluble Salts	dS/m	3.00		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		10	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	30.07	61.36	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	15.04	30.68	Estimated
Carbon:Nitrogen Ratio (C:N)	-	14.8:1	14.8:1	TMECC 05.02-A
Germination - Emergence	%	97		TMECC 05.05-A
Germination - Vigor	%	81		TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	3.9		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	4.0		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.  
F08135-6022  
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 146

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 40834  
SAMPLE ID: STOCKPILE 146

## COMPOST ANALYSIS REPORT

DATE RECEIVED: 05/14/2008  
DATE REPORTED: 06/03/2008 PAGE: 3

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Retained on U.S. 5/8-inch	%		0.00	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		5.90	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		15.36	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		13.51	TMECC 02.02-B