

REPORT NO.  
F15168-6005  
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 AUTHORITY  
PO BOX 387  
LUFKIN, TX 75902-0387

FOR: STOCKPILE 243

COPY: AL RATTIE

STA

ATTN: DALE BAILEY

LAB NUMBER: 79199  
SAMPLE ID: STOCKPILE 243

## COMPOST ANALYSIS REPORT

DATE SAMPLED: 06/16/2015

DATE RECEIVED: 06/17/2015

DATE REPORTED: 07/02/2015 PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	60.36		TMECC 03.09-A
Dry Matter	%	39.64		TMECC 03.09-A
Total Nitrogen (N)	%	0.80	2.01	TMECC 04.02-D
Phosphorus (P)	%	0.59	1.50	TMECC 04.03-A
Phosphate (P205)	%	1.37	3.44	TMECC 04.03-A
Potassium (K)	%	0.13	0.32	TMECC 04.04-A
Potash (K2O)	%	0.15	0.38	TMECC 04.04-A
Magnesium (Mg)	%	0.08	0.21	TMECC 04.05-MG
Calcium (Ca)	%	0.60	1.51	TMECC 04.05-B
Arsenic	mg/kg	5.8	14.7	SW846-6020 04.06-As
Cadmium	mg/kg	0.341	0.859	SW846-6020 04.06-Cd
Chromium	mg/kg	15.2	38.5	SW846-6020 04.06-Cr
Copper	mg/kg	65	163	SW846-6020 04.06-Cu

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

Report Approved By:

Don Burgess - Agronomist / Technical Services - CPAg/CPSS/CCA

Approval Date: 7/02/2015

REPORT NO.

F15168-6005

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 243

COPY: AL RATTIE

STA

ATTN: DALE BAILEY

LAB NUMBER: 79199

SAMPLE ID: STOCKPILE 243

## COMPOST ANALYSIS REPORT

DATE SAMPLED: 06/16/2015

DATE RECEIVED: 06/17/2015

DATE REPORTED: 07/02/2015

PAGE: 2

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Mercury	mg/kg	0.341	0.859	SW846-6020 04.06-Hg
Molybdenum	mg/kg	1.14	2.87	SW846-6020 04.06-Mo
Nickel	mg/kg	6.5	16.5	SW846-6020 04.06-Ni
Lead	mg/kg	7.2	18.1	SW846-6020 04.06-Pb
Selenium	mg/kg	1.53	3.87	SW846-6020 04.06-Se
Zinc	mg/kg	170	430	SW846-6020 04.06-Zn
503 Metals PASS/FAIL	pass/fail		PASS	EPA 503 Metal Limits
pH	-	5.1		TMECC 04.11-A
Soluble Salts	dS/m	3.07		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		< 2	SM(20th)-9221E TMECC
Pathogen Reduction - PASS/FAIL	pass/fail		PASS	40 CFR 503 Class A
Organic Matter by LOI @ 550C	%	19.76	49.84	TMECC 05.07-A
Total Organic Carbon (C)	%	9.88	24.92	TMECC 04.01-A

## REPORT NO.

F15168-6005

## 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 243

COPY: AL RATTIE

STA

ATTN: DALE BAILEY

LAB NUMBER: 79199

SAMPLE ID: STOCKPILE 243

**COMPOST ANALYSIS REPORT**

DATE SAMPLED: 06/16/2015

DATE RECEIVED: 06/17/2015

DATE REPORTED: 07/02/2015

PAGE: 3

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Carbon:Nitrogen Ratio (C:N)	-	12.4:1	12.4:1	TMECC 05.02-A
Foreign Material	%		0.00	TMECC 03.08-A
Germination - Emergence	%	96		TMECC 05.05-A
Germination - Vigor	%	76		TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	4.2		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	4.2		TMECC 05.05-A
Respiration - CO <sub>2</sub> -C/g TS	mg CO <sub>2</sub> -C / g TS/Day		3	TMECC 05.08-B
Respiration - CO <sub>2</sub> -C/g OM	mg CO <sub>2</sub> -C / g OM/Day		2	TMECC 05.08-B
Compost Stability Index	-		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 Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 3/8-inch Sieve	%		2.15	TMECC 02.02-B

REPORT NO.  
F15168-6005  
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 243

COPY: AL RATTIE

STA

ATTN: DALE BAILEY

LAB NUMBER: 79199  
SAMPLE ID: STOCKPILE 243

## COMPOST ANALYSIS REPORT

DATE SAMPLED: 06/16/2015

DATE RECEIVED: 06/17/2015

DATE REPORTED: 07/02/2015 PAGE: 4

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Retained on U.S. 1/4-inch Sieve	%		8.37	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		12.79	TMECC 02.02-B