

REPORT NO.
F08323-6012
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 154

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 43520
SAMPLE ID: STOCKPILE 154

COMPOST ANALYSIS REPORT

DATE SAMPLED: 11/17/2008

DATE RECEIVED: 11/18/2008

DATE REPORTED: 12/08/2008

PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	48.27		TMECC 03.09-A
Dry Matter	%	51.73		TMECC 03.09-A
Total Nitrogen (N)	%	0.94	1.81	TMECC 04.02-D
Phosphorus (P)	%	0.38	0.73	TMECC 04.03-A
Phosphate (P205)	%	0.87	1.68	TMECC 04.03-A
Potassium (K)	%	0.13	0.25	TMECC 04.04-A
Potash (K2O)	%	0.16	0.30	TMECC 04.04-A
Magnesium (Mg)	%	0.09	0.17	TMECC 04.05-MG
Calcium (Ca)	%	0.71	1.37	TMECC 04.05-CA
Arsenic	mg/kg	3.948	7.631	SW846-6020 04.06-As
Cadmium	mg/kg	0.46	0.88	SW846-6020 04.06-Cd
Chromium	mg/kg	8.49	16.42	SW846-6020 04.06-Cr
Copper	mg/kg	75.36	145.67	SW846-6020 04.06-Cu
Mercury	mg/kg	0.26	0.50	SW846-6020 04.06-Hg
Molybdenum	mg/kg	3.95	7.64	SW846-6020 04.06-Mo
Nickel	mg/kg	5.72	11.05	SW846-6020 04.06-Ni
Lead	mg/kg	12.94	25.02	SW846-6020 04.06-Pb

REPORT NO.
F08323-6012
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 154

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 43520
SAMPLE ID: STOCKPILE 154

COMPOST ANALYSIS REPORT

DATE SAMPLED: 11/17/2008

DATE RECEIVED: 11/18/2008

DATE REPORTED: 12/08/2008 PAGE: 2

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Selenium	mg/kg	1.587	3.067	SW846-6020 04.06-Se
Zinc	mg/kg	165.85	320.60	SW846-6020 04.06-Zn
pH	-	5.1		TMECC 04.11-A
Soluble Salts	dS/m	3.40		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	23.30	45.05	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	11.65	22.52	Estimated
Carbon:Nitrogen Ratio (C:N)	-	12.4:1	12.4:1	TMECC 05.02-A
Germination - Emergence	%	100		TMECC 05.05-A
Germination - Vigor	%	94		TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	3.8		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	4.2		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

REPORT NO.
F08323-6012
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 154

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 43520
SAMPLE ID: STOCKPILE 154

COMPOST ANALYSIS REPORT

DATE SAMPLED: 11/17/2008

DATE RECEIVED: 11/18/2008

DATE REPORTED: 12/08/2008

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	%		1.90	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		9.95	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		11.21	TMECC 02.02-B