

REPORT NO.
F09315-6010
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 169

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 48204
SAMPLE ID: STOCKPLE 169

COMPOST ANALYSIS REPORT

DATE SAMPLED: 11/10/2009

DATE RECEIVED: 11/11/2009

DATE REPORTED: 11/30/2009

PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	34.45		TMECC 03.09-A
Dry Matter	%	65.55		TMECC 03.09-A
Total Nitrogen (N)	%	1.47	2.24	TMECC 04.02-D
Phosphorus (P)	%	0.77	1.17	TMECC 04.03-A
Phosphate (P205)	%	1.76	2.69	TMECC 04.03-A
Potassium (K)	%	0.16	0.25	TMECC 04.04-A
Potash (K2O)	%	0.20	0.30	TMECC 04.04-A
Magnesium (Mg)	%	0.13	0.20	TMECC 04.05-MG
Calcium (Ca)	%	1.28	1.95	TMECC 04.05-CA
Arsenic	mg/kg	3.425	5.225	SW846-6020 04.06-As
Cadmium	mg/kg	0.550	0.839	SW846-6020 04.06-Cd
Chromium	mg/kg	10.278	15.680	SW846-6020 04.06-Cr
Copper	mg/kg	170.382	259.927	SW846-6020 04.06-Cu
Mercury	mg/kg		< 0.001	SW846-6020 04.06-Hg
Molybdenum	mg/kg	5.220	7.963	SW846-6020 04.06-Mo
Nickel	mg/kg	8.076	12.321	SW846-6020 04.06-Ni
Lead	mg/kg	29.412	44.870	SW846-6020 04.06-Pb

REPORT NO.
F09315-6010
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 169

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 48204
SAMPLE ID: STOCKPLE 169

COMPOST ANALYSIS REPORT

DATE SAMPLED: 11/10/2009

DATE RECEIVED: 11/11/2009

DATE REPORTED: 11/30/2009 PAGE: 2

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Selenium	mg/kg	3.110	4.745	SW846-6020 04.06-Se
Zinc	mg/kg	308.240	470.237	SW846-6020 04.06-Zn
pH	-	8.5		TMECC 04.11-A
Soluble Salts	dS/m	2.36		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	33.83	51.61	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	16.91	25.80	Estimated
Carbon:Nitrogen Ratio (C:N)	-	11.5:1	11.5:1	TMECC 05.02-A
Germination - Emergence	%	100		TMECC 05.05-A
Germination - Vigor	%	4		TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	3.2		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	1.3		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

REPORT NO.
F09315-6010
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 169

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 48204
SAMPLE ID: STOCKPLE 169

COMPOST ANALYSIS REPORT

DATE SAMPLED: 11/10/2009

DATE RECEIVED: 11/11/2009

DATE REPORTED: 11/30/2009 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	%		2.29	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		7.43	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		12.14	TMECC 02.02-B