

REPORT NO.
F10314-6010
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 186

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 53063
SAMPLE ID: STOCKPILE 186

COMPOST ANALYSIS REPORT

DATE SAMPLED: 11/09/2010

DATE RECEIVED: 11/10/2010

DATE REPORTED: 11/29/2010

PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	47.89		TMECC 03.09-A
Dry Matter	%	52.11		TMECC 03.09-A
Total Nitrogen (N)	%	1.52	2.92	TMECC 04.02-D
Phosphorus (P)	%	0.43	0.83	TMECC 04.03-A
Phosphate (P205)	%	0.99	1.91	TMECC 04.03-A
Potassium (K)	%	0.11	0.22	TMECC 04.04-A
Potash (K2O)	%	0.14	0.26	TMECC 04.04-A
Magnesium (Mg)	%	0.09	0.17	TMECC 04.05-MG
Calcium (Ca)	%	0.76	1.45	TMECC 04.05-CA
Arsenic	mg/kg	1.957	3.755	SW846-6020 04.06-As
Cadmium	mg/kg	0.318	0.610	SW846-6020 04.06-Cd
Chromium	mg/kg	6.036	11.583	SW846-6020 04.06-Cr
Copper	mg/kg	110.264	211.598	SW846-6020 04.06-Cu
Mercury	mg/kg		< 0.001	SW846-6020 04.06-Hg
Molybdenum	mg/kg	3.422	6.566	SW846-6020 04.06-Mo
Nickel	mg/kg	5.016	9.625	SW846-6020 04.06-Ni
Lead	mg/kg	6.913	13.266	SW846-6020 04.06-Pb

REPORT NO.
F10314-6010
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 186

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 53063
SAMPLE ID: STOCKPILE 186

COMPOST ANALYSIS REPORT

DATE SAMPLED: 11/09/2010

DATE RECEIVED: 11/10/2010

DATE REPORTED: 11/29/2010 PAGE: 2

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Selenium	mg/kg	1.402	2.690	SW846-6020 04.06-Se
Zinc	mg/kg	167.178	320.817	SW846-6020 04.06-Zn
pH	-	8.2		TMECC 04.11-A
Soluble Salts	dS/m	2.65		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		0	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	31.43	60.32	TMECC 05.07-A
Organic Carbon by LOI @ 550C	%	15.72	30.16	Estimated
Carbon:Nitrogen Ratio (C:N)	-	10.3:1	10.3:1	TMECC 05.02-A
Germination - Emergence	%	99		TMECC 05.05-A
Germination - Vigor	%		0	TMECC 05.05-A
Ave Ht of Seedlings in Control	inches	4.0		TMECC 05.05-A
Ave Ht of Seedlings in Compost	inches	2.5		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.
F10314-6010
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 186

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 53063
SAMPLE ID: STOCKPILE 186

COMPOST ANALYSIS REPORT

DATE SAMPLED: 11/09/2010

DATE RECEIVED: 11/10/2010

DATE REPORTED: 11/29/2010 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	%		2.56	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		6.46	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		11.70	TMECC 02.02-B