

REPORT NO.
F10131-6008
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 178

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 50421
SAMPLE ID: STOCKPILE 178

COMPOST ANALYSIS REPORT

DATE SAMPLED: 05/10/2010

DATE RECEIVED: 05/11/2010

DATE REPORTED: 05/25/2010 PAGE: 1

| PARAMETER | UNIT | ANALYSIS RESULT | DRY BASIS RESULT | ANALYSIS METHOD |
|--------------------|-------|-----------------|------------------|---------------------|
| Moisture @ 70 C | % | 39.94 | | TMECC 03.09-A |
| Dry Matter | % | 60.06 | | TMECC 03.09-A |
| Total Nitrogen (N) | % | 1.24 | 2.07 | TMECC 04.02-D |
| Phosphorus (P) | % | 0.79 | 1.31 | TMECC 04.03-A |
| Phosphate (P205) | % | 1.81 | 3.01 | TMECC 04.03-A |
| Potassium (K) | % | 0.13 | 0.21 | TMECC 04.04-A |
| Potash (K2O) | % | 0.15 | 0.25 | TMECC 04.04-A |
| Magnesium (Mg) | % | 0.13 | 0.22 | TMECC 04.05-MG |
| Calcium (Ca) | % | 1.11 | 1.84 | TMECC 04.05-CA |
| Arsenic | mg/kg | 2.407 | 4.007 | SW846-6020 04.06-As |
| Cadmium | mg/kg | 0.470 | 0.783 | SW846-6020 04.06-Cd |
| Chromium | mg/kg | 5.100 | 8.491 | SW846-6020 04.06-Cr |
| Copper | mg/kg | 120.620 | 200.833 | SW846-6020 04.06-Cu |
| Mercury | mg/kg | | < 0.001 | SW846-6020 04.06-Hg |
| Molybdenum | mg/kg | 4.189 | 6.974 | SW846-6020 04.06-Mo |
| Nickel | mg/kg | 4.937 | 8.220 | SW846-6020 04.06-Ni |
| Lead | mg/kg | 12.053 | 20.068 | SW846-6020 04.06-Pb |

REPORT NO.
F10131-6008
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 178

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 50421
SAMPLE ID: STOCKPILE 178

COMPOST ANALYSIS REPORT

DATE SAMPLED: 05/10/2010

DATE RECEIVED: 05/11/2010

DATE REPORTED: 05/25/2010 PAGE: 2

| PARAMETER | UNIT | ANALYSIS RESULT | DRY BASIS RESULT | ANALYSIS METHOD |
|---------------------------------------|----------------------------------|-----------------|------------------|----------------------|
| Selenium | mg/kg | 1.592 | 2.650 | SW846-6020 04.06-Se |
| Zinc | mg/kg | 236.817 | 394.300 | SW846-6020 04.06-Zn |
| pH | - | 7.8 | | TMECC 04.11-A |
| Soluble Salts | dS/m | 1.76 | | TMECC 04.10-A |
| Fecal Coliform/MPN | MPN/g dry | | 0 | SM(20th)-9221E TMECC |
| Organic Matter by LOI @ 550C | % | 35.92 | 59.81 | TMECC 05.07-A |
| Organic Carbon by LOI @ 550C | % | 17.96 | 29.91 | Estimated |
| Carbon:Nitrogen Ratio (C:N) | - | 14.4:1 | 14.4:1 | TMECC 05.02-A |
| Germination - Emergence | % | 100 | | TMECC 05.05-A |
| Germination - Vigor | % | 100 | | TMECC 05.05-A |
| Ave Ht of Seedlings in Control | inches | 3.2 | | TMECC 05.05-A |
| Ave Ht of Seedlings in Compost | inches | 3.4 | | 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.
F10131-6008
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 178

COPY: AL RATTIE

STA

ATTN: KELLEY HOLCOMB

LAB NUMBER: 50421
SAMPLE ID: STOCKPILE 178

COMPOST ANALYSIS REPORT

DATE SAMPLED: 05/10/2010

DATE RECEIVED: 05/11/2010

DATE REPORTED: 05/25/2010 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 | % | | 5.10 | TMECC 02.02-B |
| Retained on U.S. 1/4-inch | % | | 12.33 | TMECC 02.02-B |
| Retained on U.S. 5/32-inch | % | | 13.74 | TMECC 02.02-B |