

REPORT NO.
F07306-6011
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 138 BIO-SOLID

COPY: AL RATTIE

STA

ATTN: DALE BAILEY

LAB NUMBER: 38713
SAMPLE ID: STOCKPILE 138

COMPOST ANALYSIS REPORT

DATE SAMPLED: 11/01/2007

DATE RECEIVED: 11/02/2007

DATE REPORTED: 11/27/2007

PAGE: 1

| PARAMETER | UNIT | ANALYSIS RESULT | DRY BASIS RESULT | ANALYSIS METHOD |
|--------------------|-------|-----------------|------------------|---------------------|
| Moisture @ 70 C | % | 41.60 | | TMECC 03.09-A |
| Dry Matter | % | 58.40 | | TMECC 03.09-A |
| Total Nitrogen (N) | % | 1.13 | 1.93 | TMECC 04.02-D |
| Phosphorus (P) | % | 0.56 | 0.96 | TMECC 04.03-A |
| Phosphate (P205) | % | 1.29 | 2.21 | TMECC 04.03-A |
| Potassium (K) | % | 0.14 | 0.24 | TMECC 04.04-A |
| Potash (K2O) | % | 0.17 | 0.29 | TMECC 04.04-A |
| Magnesium (Mg) | % | 0.12 | 0.21 | TMECC 04.05-MG |
| Calcium (Ca) | % | 0.78 | 1.33 | TMECC 04.05-CA |
| Arsenic | mg/kg | 6.993 | 11.974 | SW846-6020 04.06-As |
| Cadmium | mg/kg | 0.75 | 1.28 | SW846-6020 04.06-Cd |
| Chromium | mg/kg | 16.40 | 28.09 | SW846-6020 04.06-Cr |
| Copper | mg/kg | 101.35 | 173.54 | SW846-6020 04.06-Cu |
| Mercury | mg/kg | 0.41 | 0.70 | SW846-6020 04.06-Hg |
| Molybdenum | mg/kg | 5.13 | 8.79 | SW846-6020 04.06-Mo |
| Nickel | mg/kg | 7.70 | 13.19 | SW846-6020 04.06-Ni |
| Lead | mg/kg | 19.51 | 33.40 | SW846-6020 04.06-Pb |

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|---------------------------------------|----------------------------------|-----------------|------------------|----------------------|
| Selenium | mg/kg | 1.733 | 2.967 | SW846-6020 04.06-Se |
| Zinc | mg/kg | 228.70 | 391.61 | SW846-6020 04.06-Zn |
| pH | - | 7.1 | | TMECC 04.11-A |
| Soluble Salts | dS/m | 1.97 | | TMECC 04.10-A |
| Fecal Coliform/MPN | MPN/g dry | | 0 | SM(20th)-9221E TMECC |
| Organic Matter by LOI @ 550C | % | 29.70 | 50.85 | TMECC 05.07-A |
| Organic Carbon by LOI @ 550C | % | 14.85 | 25.43 | Estimated |
| Carbon:Nitrogen Ratio (C:N) | - | 13.2:1 | 13.2:1 | TMECC 05.02-A |
| Germination - Emergence | % | 92 | | TMECC 05.05-A |
| Germination - Vigor | % | 71 | | TMECC 05.05-A |
| Ave Ht of Seedlings in Control | inches | 3.1 | | TMECC 05.05-A |
| Ave Ht of Seedlings in Compost | inches | 3.1 | | 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 |

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| Retained on U.S. 5/8-inch | % | | 0.00 | TMECC 02.02-B |
| Retained on U.S. 3/8-inch | % | | 2.09 | TMECC 02.02-B |
| Retained on U.S. 1/4-inch | % | | 11.85 | TMECC 02.02-B |
| Retained on U.S. 5/32-inch | % | | 11.78 | TMECC 02.02-B |