

REPORT NO.
F04021-6007
ACCOUNT NUMBER
52501

A & L GREAT LAKES LABORATORIES, INC.

3505 Conestoga Drive • Fort Wayne, Indiana 46808-4413 • Phone 260-483-4759 • Fax 260-483-5274
www.algreatlakes.com • lab@algreatlakes.com



TO: LOUDOUN COMPOSTING, LLC
44150 WADE DR.
CHANTILLY, VA 20152-1347

COPY: AL RATTIE

STA

ATTN: TIM HUTCHINSON

COMPOST ANALYSIS REPORT

LAB NUMBER: 23192
SAMPLE ID: PILE IA

DATE RECEIVED: 01/21/2004
DATE REPORTED: 02/11/2004 PAGE: 1

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Moisture @ 70 C	%	46.97		TMECC 03.09-A
Dry Matter	%	53.03		TMECC 03.09-A
Total Nitrogen (N)	%	0.80	1.51	TMECC 04.02-D
Phosphorus (P)	%	0.12	0.22	TMECC 04.03-A
Phosphate (P205)	%	0.27	0.51	TMECC 04.03-A
Potassium (K)	%	0.49	0.93	TMECC 04.04-A
Potash (K2O)	%	0.59	1.12	TMECC 04.04-A
Magnesium (Mg)	%	0.30	0.56	TMECC 04.05-MG
Calcium (Ca)	%	1.39	2.63	TMECC 04.05-CA
Arsenic	milligrams/kilogram	2.35	4.43	SW846-7061A 04.06-As
Cadmium	milligrams/kilogram	2.23	4.21	SW846-6010B 04.06-Cd
Copper	milligrams/kilogram	25.2	47.5	SW846-6010B 04.06-Cu
Mercury	milligrams/kilogram	0.04	0.07	SW846-7471A 04.06-Hg
Molybdenum	milligrams/kilogram	<0.05	<0.10	SW846-6010B
Nickel	milligrams/kilogram	9.69	18.28	SW846-6010B 04.06-Ni
Lead	milligrams/kilogram	9.1	17.2	SW846-6010B 04.06-Pb
Selenium	milligrams/kilogram	0.07	0.13	SW846-7741A 04.06-Se

REPORT NO.
F04021-6007
ACCOUNT NUMBER
52501

A & L GREAT LAKES LABORATORIES, INC.

3505 Conestoga Drive • Fort Wayne, Indiana 46808-4413 • Phone 260-483-4759 • Fax 260-483-5274
www.algreatlakes.com • lab@algreatlakes.com



TO: LOUDOUN COMPOSTING, LLC
44150 WADE DR.
CHANTILLY, VA 20152-1347

COPY: AL RATTIE

STA

ATTN: TIM HUTCHINSON

COMPOST ANALYSIS REPORT

LAB NUMBER: 23192
SAMPLE ID: PILE IA

DATE RECEIVED: 01/21/2004
DATE REPORTED: 02/11/2004 PAGE: 2

PARAMETER	UNIT	ANALYSIS RESULT	DRY BASIS RESULT	ANALYSIS METHOD
Zinc	milligrams/kilogram	65.9	124.3	SW846-6010B 04.06-Zn
pH	-	7.7		TMECC 04.11-A
Soluble Salt	dS/m	27.46		TMECC 04.10-A
Fecal Coliform/MPN	MPN/g dry		30	SM(20th)-9221E TMECC
Organic Matter by LOI @ 550C	%	21.25	40.08	TMECC 05.07-A
Germination - Emergence	%	99		TMECC 05.05-B
Germination - Vigor	%	63		TMECC 05.05-B
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
Retained on U.S. 5/8-inch	%		0.00	TMECC 02.02-B
Retained on U.S. 3/8-inch	%		8.27	TMECC 02.02-B
Retained on U.S. 1/4-inch	%		7.96	TMECC 02.02-B
Retained on U.S. 5/32-inch	%		8.20	TMECC 02.02-B