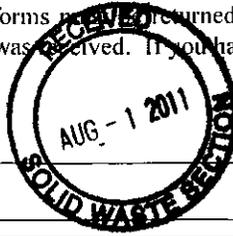


According to (G.S. 130A-309.09D(b)) completed forms returned by August 1, 2011 and a copy of this report must be sent to the County Manager of each county from which waste was received. If you have questions or require assistance in completing this report, contact your Regional Environmental Senior Specialist.



Facility Name: Earth Farms LLC.

Permit: 3613-COMPOST-2010 ID: P1220

Facility Website (URL): www.earthfarms.com

Physical Address	Mailing Address
Street 1: 351 Colt Thornburg Rd.	Street 1: PO Box 184
Street 2:	Street 2:
City: Dallas County: Gaston	City: Stanley
State: North Carolina Zip: 28034	State: North Carolina Zip: 28164

Primary Facility Contact Person	Billing Contact Person
Name: Tommy Morrison	Name: Jim Lanier
Phone: (704) 819-1963 Fax: (704) 263-1477	Phone: (704) 860-5534 Fax: (704) 263-1477
Email: tommy@earthfarms.com	Email: jim@earthfarms.com

1. Tipping Fee: \$27.00 per Ton (Attach a schedule of tipping fees if appropriate.)
2. Please attach results of monthly temperature monitoring for the period of July 1, 2010 thru June 30, 2011.
3. For Type II, III, and IV facilities, attach results of tests (Waste Analysis with metals, foreign matter and pathogens) as required in Table 3 of Rule 15A NCAC 13B .1408 for the period of July 1, 2010 thru June 30, 2011. **Current Rules state that "Compost shall be analyzed at intervals of every 20,000 tons of compost produced or every six months."**
4. What type and quantity of waste was composted by your facility?

Materials COMPOSTED	Check X if Received	Tons RECEIVED	Tons COMPOSTED	Unusable Tons DISPOSED
Yard Waste	<input type="checkbox"/>			
Clean Wood	<input checked="" type="checkbox"/>	10,000	9,200	
Sawdust	<input type="checkbox"/>			
Wooden Pallets	<input type="checkbox"/>			
Food Waste	<input checked="" type="checkbox"/>	26,593	26,593	
Animal Waste	<input type="checkbox"/>			
Sludge and Biosolids	<input type="checkbox"/>			
Grease Trap Waste	<input checked="" type="checkbox"/>	5,760	5,760	
Animal Mortalities	<input type="checkbox"/>			
Sheetrock	<input type="checkbox"/>			
Commingled (Describe)	<input type="checkbox"/>			
Other (Describe)	<input type="checkbox"/>			
Other (Describe)	<input type="checkbox"/>			
Other (Describe)	<input type="checkbox"/>			
TOTAL		42,353	41,553	



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Report #: 11-059-2058

Date Reported: 28-Feb-11

Date Received: 14-Feb-11

Report To: JIM LANIER
EARTH FARMS LLC
PO BOX 184
STANLEY NC 28164

Date Sampled:

Sample ID: COMPOST FEB-11

Account #: 25719

NUTRIENT ANALYSIS

Lab #: 1813161

Organic Solid Report (HEAVY METALS)						
Parameters	Analysis as Received	Dry Weight	Units	Detection Limit	Method	Ceiling Conc. (D.W.) *
Arsenic	2.0	2.9	mg/kg	0.50	EPA 6020	75 ppm
Boron	n.d.	n.d.	ppm	5.0	EPA 6010	
Cadmium	n.d.	n.d.	ppm	0.50	EPA 6010	85 ppm
Chromium	25.1	36.5	ppm	1.0	EPA 6010	3000 ppm
Lead	15.4	22.4	ppm	5.0	EPA 6010	840 ppm
Mercury	0.11	0.16	ppm	0.05	EPA 7471	57 ppm
Molybdenum	1.2	1.7	ppm	1.0	EPA 6010	75 ppm
Nickel	8.1	11.8	ppm	1.0	EPA 6010	420 ppm
Selenium	n.d.	n.d.	ppm	10.0	EPA 6010	100 ppm

* Reference 40 CFR Table 1 of 503.13 for Ceiling Concentrations.

* Sample was prepared for EPA 6010 analysis by EPA Method 3050.

n.d. = Not Detected



Midwest Laboratories, Inc.[®]

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Date Sampled:

Sample ID: COMPOST FEB-11

Account #: 25719

Lab #: 1813161

NUTRIENT ANALYSIS

Organic Solid Report						
Parameters	Analysis		Dry Weight	Units	Nutrients Lbs /Ton	
	As Received	Weight			As Received	Detection Limit
Total Nitrogen (N)	0.81	1.18	%	16.2	0.01	
Ammonium Nitrogen (N)	0.001	0.00	%	0.0	0.001	
Nitrate Nitrogen (N)	n.d.	n.d.	%	0.0	0.01	
Organic Nitrogen (N)	0.81	1.18	%	16.2	Calculated	
Phosphorus (P205)	0.34	0.49	%	6.8	0.10	
Potassium (K2O)	0.42	0.61	%	8.4	0.10	
Sulfur (S)	0.12	0.17	%	2.4	0.05	
Calcium (Ca)	1.18	1.72	%	23.6	0.01	
Magnesium (Mg)	0.17	0.25	%	3.4	0.01	
Sodium (Na)	0.03	0.04	%	0.6	0.01	
Copper (Cu)	68	99	ppm	0.1	20	
Iron (Fe)	10800	15420	ppm	21.2	50	
Manganese (Mn)	495	633	ppm	0.9	20	
Zinc (Zn)	191	191	ppm	0.3	20	
Moisture	31.26		%		0.10	
Total Solids	68.74		%	1374.8		
pH	8.60					
Total Carbon	11.45	16.66	%		0.050	
C/N Ratio	14.1:1					
Chloride	0.02	0.03	%		0.02	
Organic Matter	21.26	30.96	%		0.01	
Conductivity 1:5		1.7	mS/cm		0.1	

n.d. = Not Detected



Matt Stukenholtz

Soil test yearly to monitor phosphorus levels, organic matter, pH, and micronutrients.



13611 B Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402) 334-9121 • www.midwestlabs.com

Report #: 11-152-2060

Date Reported: 1-Jun-11

Date Received: 18-May-11

Report To: JIM LANIER
 EARTH FARMS LLC
 PO BOX 184
 STANLEY NC 28164

Date Sampled:

Sample ID: SAMPLE

Account #: 25719

STA ANALYSIS

Lab #: 1850245

Organic Solid Report (HEAVY METALS)						
Parameters	Analysis as Received	Dry Weight	Units	Detection Limit	Method	Ceiling Conc. (D.W.) *
Arsenic	1.6	2.7	mg/kg	0.50	EPA 6020	75 ppm
Boron	n.d.	n.d.	ppm	5.0	EPA 6010	75 ppm
Cadmium	n.d.	n.d.	ppm	0.50	EPA 6010	85 ppm
Chromium	21.4	36.8	ppm	1.0	EPA 6010	3000 ppm
Lead	9.3	16.0	ppm	5.0	EPA 6010	840 ppm
Mercury	0.08	0.14	ppm	0.05	EPA 7471	57 ppm
Molybdenum	n.d.	n.d.	ppm	1.0	EPA 6010	75 ppm
Nickel	5.5	9.5	ppm	1.0	EPA 6010	420 ppm
Selenium	n.d.	n.d.	ppm	10.0	EPA 6010	100 ppm

* Reference 40 CFR Table 1 of 503.13 for Ceiling Concentrations.

* Sample was prepared for EPA 6010 analysis by EPA Method 3050.

n.d. = Not Detected



13611 B Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402) 334-9121 • www.midwestlabs.com

Report #: 11-152-2060

Date Reported: 1-Jun-11

Report To: JIM LANIER
EARTH FARMS LLC
PO BOX 184
STANLEY NC 28164

Date Received: 18-May-11

Date Sampled:

Sample ID: SAMPLE

Account #: 25719

STA ANALYSIS

Lab #: 1850245

Organic Solid Report					
Parameters	Analysis		Units	Detection	
	As Received	Dry Weight		Nutrients Lbs./Ton As Received	Limit
Total Nitrogen (N)	0.48	0.84	%	9.8	0.01
Ammonium Nitrogen (N)	0.022	0.04	%	0.4	0.001
Nitrate Nitrogen (N)	n.d.	n.d.	%	0.0	0.01
Organic Nitrogen (N)	0.47	0.81	%	9.4	Calculated
Phosphorus (P2O5)	0.28	0.48	%	5.6	0.10
Potassium (K2O)	0.43	0.74	%	8.6	0.10
Sulfur (S)	0.10	0.17	%	2.0	0.05
Calcium (Ca)	1.03	1.77	%	20.6	0.01
Magnesium (Mg)	0.19	0.33	%	3.8	0.01
Sodium (Na)	0.02	0.04	%	0.5	0.01
Copper (Cu)	46	79	ppm	0.1	20
Iron (Fe)	10100	17384	ppm	20.2	50
Manganese (Mn)	830	1084	ppm	1.3	20
Zinc (Zn)	107	184	ppm	0.2	20
Moisture	41.90		%		0.10
Total Solids	58.10		%	1162	
pH	8.60				
Total Carbon	8.28	14.22	%		0.050
C/N Ratio	16.9:1				
Chloride	0.06	0.10	%		0.02
Organic Matter	17.28	29.74	%		0.01
Conductivity 1:5		2.3	mS/cm		0.1

n.d. = Not Detected

Matt Stukenholtz

Matt Stukenholtz

Soil test yearly to monitor phosphorus levels, organic matter, pH, and micronutrients.

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